



UNIVERSITY  
OF  
KERALA

കേരള സർവകലാശാല

ANNUAL REPORT 2019







# UNIVERSITY OF KERALA

## കേരള സർവകലാശാല

(Established as University of Travancore by the Travancore University Act in 1937 and reconstituted as University of Kerala by the Kerala University Act of 1957 and presently governed by the Kerala University Act of 1974 passed by the Kerala State Legislative Assembly by Act 17 of 1974 vide Notification No. 3878-F1/72/Law dated 27th July, 1974 of the Government of Kerala)



## ANNUAL REPORT 2019

*in pursuance of the provisions contained in section 49 of the Kerala University Act, 1974 the Syndicate presents to the Senate for review the annual report of the work and progress of the University for the year 2019*

*The report covers the period from  
1<sup>st</sup> January to 31<sup>st</sup> December 2019*

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11. Dr. Anil Chandran (*Assistant Professor, Dept. of Demography, University of Kerala*)

*Compiled by Ac. D Section, University of Kerala*

*Cover Design & Layout: Godfrey's Graphics & Printed by Superintendent, Kerala University Press*

# Introduction

I am happy and extremely privileged to share my thoughts on University of Kerala as its Vice-Chancellor. Our university is the mother University of the State and has gloriously evolved over a period of 83 years. As an institution in Higher learning, we strive for quality in research with focus on equity and inclusive growth. It is with pride that I recall the achievements of this great institution. We were ranked 22 among universities in India in NIRF 2019 and 49 among universities in India in the QS World Ranking. We were fortunate to be awarded with 'A' grade by NAAC in our 2nd accreditation cycle in 2015.

Some of the recent initiatives of the University have strengthened its academic and research processes, these include, reconstitution of Research Council, strengthening of Centre for Industrial and Academic Collaboration, learning from best global practices through our flagship programme Interaction with Eminent Scholar, development of an Instrumentation centre for State – of-the-art research facilities in Sciences- CLIF and starting of Interdisciplinary research centres. We invest substantially on research by providing scholarships to all our research scholars in addition to funding scholars with publication grant and financial support for attending international seminars. Awards for best research projects and holding of international as well as regional summits add flavour to our best practices in research. This academic year we have substantially revised our curriculum for the Masters Programme and have initiated the OBE mode for our learning programmes. The Kerala University Technology Business Startup Centre (KUTBSC) is fostering a culture for innovation through start-ups. We are associating with Kerala Start-Up Mission in all their processes including Idea Day. This year we have initiated MOOC courses and the University was identified as a Centre for ARPIT under the NRC, SWAYAM platform.

As part of our social commitment and outreach programme, we have initiated village adoption schemes as well as linkages with schools in making school learning more joyful. We also have an ambitious palliative care programme being executed through NSS. Encouraging rainwater harvesting and digitizing of gardens were seen as programmes of societal relevance. This year we celebrated Kargil Vijay Divas, a joint initiative of the armed forces with the University Community.

We have undertaken expansion in our infrastructure facilities. Addition of a new building in the form of Dr. K.R. Narayanan Memorial Student Amenity Centre in the S.H. campus and ONV memorial building in Kariavattom campus are a few of such initiatives. As part of e-governance, university has implemented the File Flow System and has undertaken massive examination reforms for timely publication of results.

University of Kerala has taken pride in recognising the rich achievements of the great academicians and contributors. In the year 2019, we honoured Prof. CNR Rao, Sri. Kris Gopalakrishnan and Dr. Jayant Narlikar with D.Sc.

I fully acknowledge the support and team spirit with which all our teachers, administrative staff and students have worked and committed themselves for the cause of this University.

We have done much, but have miles to go before we can sleep. Addressing teaching manpower shortage and providing high-end infrastructure for teaching, learning and research are our primary concerns, I hope all our stake holders would strive and work as a team to make University of Kerala a Centre of Excellence in higher learning. I sincerely congratulate all those who were involved in compilation of Annual Report 2019 and hope this document would be a rich source of information on the University. Wishing one and all the very best in their pursuits for a better tomorrow and seeking the support of all concerned in attaining the dreams of this University, I conclude.

**Prof. (Dr.) V. P. Mahadevan Pillai**  
Vice Chancellor

## *Preface*

On the occasion of bringing out the Annual Report 2019, with great pride I would like to share the fact that the University of Kerala has been ranked 22 in the NIRF ranking 2019. The University was able to catch up its ranking in the National Level with the great support and vision of the Academia.

We were able to award Honorary D. Litt to 3 eminent personalities, Dr. Jayant Narlikar, Shri. Kris Gopalakrishnan and Prof. C. N. R. Rao in 2019. Also, our students could setup Incubation Companies with the support from eminent companies from outside including Technopark. Research and Consultancy work had been running at a high speed in the Departments by the Faculty Members. One of our Faculty Members received Full Bright Nehru Fellowship and is now in the states with her fellowship; another Faculty Member is pursuing his Scientific Research at the Max Plank Institute, Germany.

Examination wing being the backbone of the University, we could conduct almost all examinations as per our Academic Calendar and it is a matter of great pride for us that the results were also announced very promptly.

The next year is also going to be highly eventful for us; we are all striving hard to make our vision more perfect. We are expecting NAAC visit this year; another milestone waiting in our pathway. The earnest desire of the University is to maintain its standard and growth in the years to come.

**Dr. P.P. Ajayakumar**  
Pro. Vice Chancellor

*University Profile*  
&  
*Fact Sheet*









# *University of Kerala*

## *A Profile*

### **1. Genesis & Evolution**

One of the first 16 Universities in India, the University of Kerala was founded as the University of Travancore in the erstwhile princely state of Travancore (now southern part of Kerala) in 1937. Since then, the University of Kerala has transformed itself in many ways. The earliest origins of the University may be traced back to two institutions of modern learning in Kerala, the University College Thiruvananthapuram and the Trivandrum Observatory. The University was modeled after the best Universities of the United Kingdom, and even today retains some of these features. The affiliating system of the University, however, evolved to be different from the college system in British Universities. The objective of the University was to effect re-organization of the system of education in the state so as to develop technical, technological education and research in applied science, in addition to promoting Kerala Art and Culture. The Logo of the University depicts a lotus with a conch shell (a symbol of erstwhile state of Travancore) and a traditional book stand with palm leaf manuscript on it, symbolizing scholarship. The motto of the University was drawn from Hitopadesha and reads “Karmani Vyajyathe Prajna” which roughly translates to “Wisdom manifests in action”.

In 1956, the unified state of Kerala came into being. The Kerala University Act was brought into force in 1957 and the University of Travancore was renamed University of Kerala (a name which was considered even in 1937) with jurisdiction all over the state of Kerala. The 1957 Act conferred a large measure of autonomy to the University and made its administrative bodies more broad-based. University of Kerala is today known as the “Mother University” of the state, as almost all the other Universities in the state were created by either bifurcating it or re-affiliating its affiliated colleges. These developments have shrunk the jurisdiction of the University of Kerala to Thiruvananthapuram, Kollam, Alappuzha districts and some parts of Pathanamthitta district.

### **2. Administration**

The Vice-Chancellor, appointed by the Governor of Kerala, is the Chief Executive Officer of the University. The Pro-Vice-Chancellor assists the Vice-Chancellor. The University has three important bodies which make policy decisions and execute it. The Senate and the Academic Council, two large bodies with wide-based representation, are the supreme bodies on general policy matters and academic matters respectively. The Senate, “the Supreme Authority of the University”, which is reconstituted every four years, has 117 members (24 ex-officio, 78 elected and 15 nominated). It represents a cross section of the society, with its members drawn from different walks of social life. The Academic Council is the supreme academic body of the University. It is also a large body like the Senate, with its members drawn from different spheres of academic spectrum. The Academic Council has the power to make regulations and to advise the Senate and the Syndicate on all academic matters, to prescribe the programmes of studies in the University, to prescribe the qualifications of teachers, to make provision for the admission of students to the various programmes etc. The Syndicate, the chief executive body of the University, has a strength of 25 (including the Vice-Chancellor, the Pro-Vice-Chancellor, the Secretary to Govt. (Higher Education), the Secretary to Govt. (IT Dept.), the Director of Public Instruction, the Director of Collegiate Education, twelve elected members, one elected student member, five nominated members, provisions. The Syndicate, which meets as per statutory, has executive powers including the general superintendence and control over the institutions of the University.

### 3. Teaching and Research

The University of Kerala has its own departments of teaching and research (housed in University campuses). The forty three departments of teaching and research are organized as eleven schools, and most of them are housed in the Karyavattom campus. Teaching, research and knowledge extension are the mandates of the departments. They primarily focus on post-graduate (masters) programmes, M.Phil programmes (1-year research degree started in 1973) and doctoral (Ph.D) programmes and post-doctoral programmes. Affiliated colleges run large number of bachelor's programmes and lesser number of masters and doctoral programmes. University's research activities are also going on in select affiliated colleges and other recognized research centres. The total number of full-time students in the University departments is above 2000, including research students.

The University has also established 10 University Colleges of Teacher Education (KUCTE) and 35 University Institutes of Technology (UIT), both of which offer under-graduate programmes (B.Ed. in KUCTE's and BSc (Computer Science/IT/Electronics), B. Com. and BBA in UITs), although masters programmes are available in select UITs. The University College of Engineering at Karyavattom offers Engineering education at Undergraduate level. These institutions together have student strength of more than 6000. The Institute of Distance Education has student strength of approximately 20,000, which is spread across the country. The University has over 189 affiliated colleges with an enrollment of over 1,30,000 students. Thirty two colleges offer Post Graduate teaching programmes. Some of the affiliated colleges offer M.Phil programmes and some have been recognized as research centres.

In addition to the departments of teaching, the University also has several centres for studies and research in specialized areas. Some of these centres have taught programmes (Certificate/Diploma/Masters/M.Phil) and some offer Ph.D programmes. The University has also instituted three chairs: Dr. B. R. Ambedkar Chair, Mahathma Ayyankali Chair and V. K. Sukumaran Nair Chair.

### 4. Campuses

The University of Kerala has two major campuses, the largest being the Kariavattom Campus, 16 km from the city Centre. The Palayam/Senate Hall Campus is right in the middle of the city. The Music and Education Departments, the University Stadium, the Student Centre, International Youth hostel, the Centre for Continuing Education, and Aakkulam campus are in separate locations in the city, all quite close to the Palayam Campus. The Palayam Campus (housing the heritage building of the Travancore University) has mainly the administrative office of the University, including the Vice-Chancellor's and Registrar's office. The majestic Senate Hall with a seating capacity of 1352 seats in ground floor and 300 seats in balcony

is housed in the middle of the campus. In addition to the office of the Controller of Examinations and Computer Centre, the Palayam Campus also houses the departments of English, German & Russian, and the School of Distance Education, Student Amenities Centre.

Thirty seven departments are situated in the Karyavattom Campus. This sprawling green campus (359 acres) is close to Kazhakuttom, on the National Highway 66, towards north. The famous Trivandrum Technopark is adjacent to the University Campus.

### 5. Student Empowerment

The University of Kerala is well known for empowering its students. The University Union is an active presence in the University life since 1939. The University Union, Department's Union, Researcher's Union, are all forums that were established through democratic process, and positions in these forums were fiercely competed for. Elected student representatives have membership in supreme bodies of the University such as Senate, Academic Council and also Syndicate, the executive committee of the University (Student representation in Syndicate was given for the first time in India, by University of Kerala, in 1977). The Co-ordinator of the National Service Scheme (NSS) Programme and the Director of the Student Services organize youth welfare activities with the active co-operation of the Unions. activities include: leader ship training camps, labour and social work projects, and camps, Inter-Collegiate youth festival, Inter-University youth festival and University youth festival. The University policies are aimed at student welfare and empowerment in every field. The graduate attributes envisaged by University of Kerala is articulated visually through a creative video.

### 6. Institutions

**(i) The Oriental Manuscript Library:** The Oriental Manuscript Library established in 1946, is a treasure trove of Indian culture. The library has over 65,000 works in 30,000 copies mainly of palm leaf manuscripts, in addition to paper manuscripts, copper plates, birch bark and textiles. The manuscript collection also includes those belonging to Burma, Malaysia, Indonesia, Nepal etc. This can be rated as one of the "must see" libraries of the world.

**(ii) Kerala University Library System:** The University library system has over 8 lakhs books. The University has a Central Library (Kerala University Library-KUL) near its city campus and caters to the knowledge quest of all students, staff and public. In addition to KUL (3,30,000 books) Karyavattom campus has a Campus Library. Department libraries (above 5,00,000 books) and College libraries (each with 20,000 – 1,00,000 books) provide information service to students. It has rare books and bibliographies in its collection.

**(iii) The University Computer Centre:** The University Computer Centre has a history of over half a century (dating back to the use of a Czech made electro-mechanical computer “Arithma” in 1950s and Core-Memory based IBM-1920 computer IBMs and Indian made TDC 316 in 1970s) and, today spearheads the University’s e-Governance initiatives. Computing support for research is no longer centralized, thanks to the advent of affordable desk-top computing power. The University’s main campus in Karyavattom is firmly connected to the cyber highway with broadband connection flowing into over 2000 computers. The entire campus network is being upgraded to 10 GBPS optical fibre connection. State of the art digital studio is coming up in the campus for recording/developing video lectures, with sound proof lecture hall, video editing, speech to text conversion etc.

The University web site has also evolved since 2000 to become an indispensable cyber forum that connects the university community and serves information to all stake holders. The web site offers on-line admission portal, on-line payment system and Ph.D portal and is one of the most visited sites of the state, in public domain. University also has an official email system.

The University also judiciously uses technology in many ways to serve academics & governance including systems such as 24 hour digital camera surveillance, over 100 digital security features in Hologram affixed degree certificates, digitization of archival records, online admission for both University Teaching Departments and affiliated colleges, online grievance redressal system etc.

The University issues degree certificates with Hologram with over 112 security features.

**(iv) Department of Physical Education:** The Department of Physical Education of the University came into existence in 1939. The Kerala University Stadium along with G. V. Raja Pavilion is the iconic land mark in Thiruvananthapuram city skyline. Characteristic of antiquity, notably the arch roof of pavilion, the stadium had a large flora around giving greenery and shades. It has a seating capacity of 10,000. The stadium meets latest technological requirements like sharing in for various media platforms and TSR equipments (Time, Scoring, Results). The floodlights have 900 to 1200 lumax capacity. The stadium has 400 meters international standard synthetic track with 8 lanes running track and facility for field events. Apart from this, following facilities are available in the stadium premises. (i) Standard Football Field (ii) Basketball Court (iii) Volleyball Court (iv) Handball Court (v) Kabaddi/Kho-Kho Court (vi) Modernized Fitness Centre (vii) Weight Training Hall. The Stadium was the main venue for the Athletic Competitions for 1987 and 2014 National Games competitions. In addition to the stadium, multipurpose indoor facility for Basketball and Badminton is available. 200 meters track, two shuttle courts and one Volleyball Court are available in Karyavattom Campus. As an incentive to promote sports, University accord merits scholarships for outstanding sportsmen based on their

achievements. University also provides grace marks to sports persons. Admissions are reserved for sports person in all programmes of the University. University conducted 33 Inter Collegiate tournaments in various disciplines and University team participated in All India Inter University Tournaments for the above disciplines. Summer Coaching Camps are conducted for school students in various sports events recognizing that they are the feeder line of University Sports. An International stadium (Greenfield stadium) is housed in the Karyavattom campus since 2015.

**(v) The Department of Publications:** The Department of Publications is one of the oldest departments of the University, has brought out several noteworthy publications including Saraswathi Kantabharanam, a treatise on Sanskrit Grammar, the five volumes of Kerala Sahitya Charithram by Mahakavi Ulloor S. Parameswara Ayyar and Sahitya Nayakanmar (Men of Letters) Series, Chitra Ramayana, based on palm-leaf manuscripts. The University has also published the first ever complete English and Malayalam translation of Hortus Malabaricus, the classical treatise on the plant wealth of Kerala (which have been inspiration to world renowned botanist Carl Linnaeus). The first e-Book, Swathi Thirunal’s ‘Bhakthi Manajari’ was published in 2013. The department publishes around 20 books per year.

**(vi) The UGC-Human Resource Development Centre:** The UGC HRDC, University of Kerala (formerly *Academic Staff College*) set up with the aid of UGC in 1987, offers specially designed in-service courses like Orientation Programmes, Refresher Courses and Short-Term Courses for teachers of universities and colleges across the country for capacity enhancement and knowledge upgradation. This HRDC is adjudged as the top ranking institution in the country for the last ten years in the matter of largest number of courses conducted and high number of candidates participated.

**(vii) The Centre for Adult & Continuing Education (CACEE):** CACEE aims at “further education” of the educated for which it received UNESCO – NLM Award. The centre offers a wide variety of courses in collaboration with other agencies to further continuing education.

**(viii) Malayalam Lexicon:** Malayalam Lexicon is one of the largest and greatest dictionaries in modern Indian languages. The Lexicon department of the University has published nine volumes of the lexicon, running to nearly 9000 pages, in an effort spanning half a century.

## 7. Academic Profile

The University has a 3-tier academic system. Each subject of study has a Board of Studies to design syllabus and propose action on all academic matters. Group of related subjects are grouped together and defined as a faculty. The University has 16 faculties. Academic Council is the supreme academic body. The University follows the Choice Based Credit

and Semester System for all post-graduate (masters) programmes and under-graduate (bachelors) level. Semesters typically fall during the months of August-January and February-July. Masters programmes are typically of two year duration and have four semesters with 5 to 6 courses offered each semester. The final semester has a project and thesis requirement. MPhil programmes are post-masters research degree, offered under Credit and Semester System since 2016. Grading scale for masters programmes in Departments has 5 grades: A, B, C, D, and F. The statistics of grades awarded during the 2010-2012 are as follows: E-4%, A-38%, B -47%, C-11%.

a) The programmes offered in University Departments are as follows

**M.A.** (Master of Arts): Sociology, Politics, Malayalam, Tamil, Arabic, English, German, Russian, Music, Linguistics, Hindi, Sanskrit, Manuscript, Archeology, Economics, History, Islamic Studies, Philosophy, Political Science, Psychology and Sociology.

**M.Sc.** (Master of Science): Geology, Environmental Sciences, Aquatic Biology and Fisheries, Bio-Chemistry, Biotechnology, Botany, Zoology, Computer Science, Chemistry, Demography, Mathematics, Physics, Statistics, Computational Biology and Bioinformatics.

**M.Tech.** (Master of Technology): Computer Science, Futures Studies and Opto-Electronics

**MBA** (Master of Business Administration)

**MSW** (Master of Social Works)

**LLM** (Master of Laws)

**M.Com** (Master of Commerce)

**MLI.Sc.** (Master of Library and Information Science)

**M. Phil.** (Master of Philosophy)

**Ph.D.** (Doctor of Philosophy) All Departments

b) The programmes offered at School of Distance Education are:

**B. Sc.** (Bachelor of Science): Mathematics and Computer Science

**BLISc.** (Bachelor of Library & Information Science)

**B. A.** (Bachelor of Arts): Economics, English Language & Literature, History, Malayalam, Political Science and Sociology

**B.C.A** (Bachelor of Computer Application),

**B. Com.** (Bachelor of Commerce)

**MLISc.** (Master of Library & Information Science)

**M. A.** (Master of Arts): Economics, English, Hindi, History, Malayalam, Political Science, Sociology and Public Administration

**M. Com.** (Master of Commerce): Finance

**M. Sc.** (Master of Science): Mathematics and Computer Science

**M.B.A.** (Master of Business Administration)

c) The following programmes are offered in UIT, UIM, KUCTE

**B. Sc.** Computer Science, Electronics

**B. A.** English and Communicative English, Malayalam and Mass Communication

**B. Com.** Computer Applications, Tax Procedure and Practice, Commerce with Computer Application, Tourism and Travel Management.

**BBA** (Bachelor of Business Administration)

**BCA** (Bachelor of Computer Application)

**M. Sc.** (Computer Science)

**MBA** (Master of Business Administration)

**B. Ed.** (Bachelor of Education)

In addition to these, Certificate and Diploma courses are offered at Departments and Centres.

## 8. Major Highlights

University has had among its faculty members eminent scholars who were trained under legendary figures: like Sir C.V. Raman's student in Dept. of Physics, Hans J. Eysenk's (German Psychologist) student in Psychology, Prof. S.R. Ranganathan's student in Library Science, Pearson's student in Department of Statistics and Prof. Benjamin Bloom's student in Department of Education. Some of the faculty members themselves were legends, such as famous poet K. Ayyappa Panicker, Oriental scholar T. Ganapathi Sasthri and Padmasree N. Balakrishnan Nair, among others. Many eminent scholars led this University as Vice-Chancellors: Sir. C. P. Ramaswamy Iyer, Sir Herald Papworth, Prof. A. Aiyappan, Prof. R. S. Krishnan, Prof. J. V. Vilanilam, Dr. B. Ekbal, Prof. A. Jayakrishnan among others.

The University of Kerala celebrated its Silver Jubilee in 1962, Golden Jubilee in 1987 and Diamond Jubilee in 1997. During 2012, the University celebrated its Platinum Jubilee, the Jubilee memorials are coming up in both major campuses.

The University has an active Internal Quality Assurance Cell (IQAC) that continuously monitors and analyses quality aspects and designs microscopic initiatives to enhance quality. The University has Start-up scheme since 2006 and presently the "Kerala University Technology and Business Start-up Centre" nurtures student start-ups. The University Consultancy Cell coordinates the consultancy services offered by various University Departments. Services include routine ones such as water quality testing, Arabic Translation and testing using sophisticated instruments and development of software.

University has a Research Council and a Director of Research. University's research output in 2019 resulted in 508 Ph.Ds, 3 patents filed, 288 Research Publications with impact factor in peer reviewed journals, 284 research publications without impact factor in peer reviewed journals and 37 books published.

The University regularly honours scholars and eminent personalities by conferring honorary degrees. In the past it had conferred honorary degrees on Thakazhi Sivasankara Pillai, Chemmangudi Sreenivasa Iyer, Prof. Ilya Prigogine, Sri. M.P. Appan, Sri. Suranad Kunjan Pillai etc. The awardees include Nobel laureate Prof. Amartya Sen (2000), Sri. K. J. Yesudas (2003), Mr. Laurie Baker (2003), Sri. O.N.V Kurup (2007), Sri. G. Madhavan Nair (2007), Justice K.G. Balakrishnan (2008), Sri. Adoor Gopalakrishnan (2010), Sri. Mammooty (2010) and Sri. Umayalpuram K. Sivaraman (2010). Prof. C.N.R. Rao (2020) Sri. Kris Gopalakrishnan (2020) Dr. Jayant Narlikar (2020).

The University bagged the Indira Gandhi National Award for the best NSS activities in 2005, and the UNESCO-NLM award for literacy in 2005, State Govt's award for e-Governance in 2010 and the first Chancellor's Award for the best University in the State of Kerala, in 2015.

The University had the privilege of hosting Indian Science Congress during 2010 and the Indian History Congress in 2016. The University also regularly invites eminent scholars to the campus including Nobel

Laureates. Prof. Dr. Johann Deisenhofer (Nobel Prize in Chemistry, 1988), Prof. Martin Chalfie (Nobel Prize in Chemistry, 2008), Dr. Anders Liljas (Nobel Prize Committee Member), Prof. Ada E. Yonath (Nobel Prize in Chemistry, 2009), Professor Michael Levitt (Nobel Prize in Chemistry 2013) and Professors such as Dr. Robin Jeffry.

The 21 acres Kanakakkunnu Palace premise function as the green lungs of Metropolitan Thiruvananthapuram city and the Palace is listed as a heritage monument by Indian National Trust for Art and Cultural Heritage (INTACH). The Study carried out by Mr. Akhilesh S. V. Nair MSc student 2016-2018 Batch) and Dr. A. Gangaprasad, from Department of Botany, University of Kerala, Kariavattom campus; which involves the documentation and digitization of tree and garden plant species of Kanakakkunnu Palace premise including the Nishagandhi and Sooryakanthi grounds. 123 species of both tree (89 trees) and Garden plants were documented in the Palace premise. All the documented data were digitized through website creation, QR code linking and Android App creation. This is the first digital Garden in India



## Fact Sheet

1	<b>Name of University</b>	University of Kerala
2	<b>Year of Establishment</b>	01-11-1937 (16 <sup>th</sup> University in India)
3	<b>Chancellor</b>	Governor of Kerala
4	<b>Pro-Chancellor</b>	Minister for Higher Education, Govt. of Kerala
5	<b>Vice-Chancellor</b>	Prof. (Dr.) V. P. Mahadevan Pillai
6	<b>Statutory Bodies</b>	Syndicate, Senate, Academic Council
7	<b>Charter</b>	Kerala University Act of 1974 (Act 17 of 1974). (Earlier governed by Travancore University Act of 1937 and Kerala University Act of 1957.)
8	<b>UGC Recognition</b>	Recognized under section 2(f) and 12 (b)
9	<b>Type</b>	Multi-disciplinary University
10	<b>Source of Funding</b>	Funds from UGC, Central funding, State funding and Internal revenue
11	<b>Motto</b>	<i>Karmani Vyajyate Prajna</i> (Wisdom manifests in action)
12	<b>Website</b>	www.keralauniversity.ac.in
13	<b>E-mail</b>	registrar@keralauniversity.ac.in
14	<b>Telephone</b>	0091-471-2306422, 2386200, 0091-471-2305631(Registrar)
15	<b>Address</b>	The Registrar, University of Kerala, Palayam, Thiruvananthapuram - 695 034, Kerala, India.
16	<b>Rankings and Awards QS World University Rankings-49 among Universities in India</b>	<ul style="list-style-type: none"> <li>• <b>NIRF Ranking (2019)</b> : 22<sup>nd</sup> among Universities, 35<sup>th</sup> in overall category</li> <li>• <b>World Rankings</b> : (QS) 2020 Ranked in 49</li> <li>• <b>NAAC Accreditation</b> : Re-accredited with 'A' Grade with GPA of 3.03, valid up to 01.03.2020</li> </ul>
17	<b>No. of Schools</b>	11
18	<b>No. of Departments</b>	Science and Technology - <b>17</b> Social Sciences - <b>14</b> Arts and Humanities - <b>12</b> <b>Total - 43</b>
19	<b>Distance Education</b>	Distance Education programmes offered through School of Distance Education to thousands since 1976. The UGC-Distance Education Bureau (DEB) has accorded recognition for 26 Programmes (PG-13 & UG-13) for the Academic years 2017-20
20	<b>Centres &amp; Other Institutions of University</b>	Centres - <b>60</b> ; Lexicon Department; University Institutes of Technology (UITs) - <b>35</b> ; University Institutes of Management (UIMs) - <b>7</b> ; Kerala University Teacher Education Centres (KUTECE) - <b>10</b> ; University College of Engineering ; UGC Human Resource Development Centre (Academic Staff College); Centre for Adult Continuing and Education & Extension (CACEE)

21	<b>Support Service Centres &amp; Other Departments</b>	Kerala University Computer Centre, Central Laboratory for Instrumentation facilitation; Kerala University Library; University Press; Engineering Unit; Health Centre – 2; Dept. of Student Services; Dept. Physical Education; Dept. of Publication; Employment Information & Guidance Bureau; Placement Cell; Finishing School.
22	<b>Affiliated Institutions</b>	Arts & Science Colleges – <b>111</b> ; Hotel Management – <b>3</b> ; Special Education – <b>1</b> ; Physical Education – <b>1</b> ; Music and Fine Arts – <b>3</b> ; Teacher Education – <b>48</b> ; MCA/MBA – <b>13</b> ; Law – <b>7</b> ; Fashion Technology – <b>1</b> . Total - <b>187</b> ; Engineering <b>1</b> .
23	<b>Research Centres</b> (in addition to Departments and Centers of the University)	<b>66</b> (R&D institutions and PG Departments of affiliated colleges)
24	<b>No. of Faculties</b>	<b>16</b> Arts, Commerce, Education, Fine Arts, Law, Management, Oriental Studies, Science, Applied Sciences & Technology, Social Sciences, Engineering & Technology, Physical Education, Ayurveda & Siddha, Homeopathy, Medicine, Dentistry
25	<b>Administrative Branches</b>	Academic, Administration, Examination, Finance, Planning & Development, College Development Council
26	<b>Administrative Staff</b>	Registrar, Controller of Examinations, Finance Officer, Other Officers (10), Joint Registrar (7), Deputy Registrar (20), Asst. Registrar (54), Section Officer (271), Assistant cadre (783), Office Superintendent (57) Computer Assistant 138, Others (Technical, Security, Staff etc) - 290
27	<b>e-Governance</b>	e-tendering, e-Certificate verification, Online Admission, Online Examination, Online Question paper, Digital signature, Office Automation, Bio-metric attendance system, Campus wide CCTV surveillance, Paperless examination process, Separate online portals, e-payment facility
28	<b>Water Usage</b>	The University has constructed 3 mega wells as a part of rain water harvesting, by which the usage of water from Kerala Water Authority has considerably reduced.
29	<b>Electricity Usage</b>	<b>1) Average Electricity usage-</b> Normal Usage : 9000 units/month Peak Usage : 25000 units/month Off-peak Usage : 45000 units/month <b>2) Power Station (Karyavattom) -</b> Two 11KV/415V OLTC Transformer(KEL) each 315 KVA; One 500 KVA dry type (Unit Power). Total 1130 KVA. <b>3) Non-Conventional Energy use -</b> 100KW solar energy plant at Karyavattom Savings (of around Rs. 1 lakhs per month)
30	<b>Budget estimates for 2018-19</b>	Receipts: Rs. 638.29 corers expenditure: Rs. 561.65 corers
31	<b>Campus Area in Acres</b>	1. Karyavattom Campus: 363.13 acres: (a) North Campus 105.29 acres (including 37 acres on lease to National Games Secretariat + 1.5 acres on lease to KHRI) (b) South Campus: 257.84 acres 2. University Office (SH) Campus: 16.69 Acres; 3.University Stadium: 7.93 Acres + Parking Area: 0.33 Acres; 4.University Student Centre: 1.62 Acres; 5. Observatory: 0.89 Acres; 6.Women's Hostel, Thycaud: 4.70 Acres; 7.University Library: 1.57 Acres; 8.Dept. of Education, Thycaud: 0.24 Acres; 9.Akkulam Marine Museum: 1.20 Acres; 10. Alappuzha Study Centre: 0.28 Acres; 11.Pandalam Study Centre: 0.30 Acres; 12.Ezhamkulam Village, Adoor: 0.50 Acres; 13.Raja Ravi Varma Centre of Excellence for Visual Arts: 0.15 Acres. <b>Grand Total = 399.53 Acres</b>

32	<b>Built up Area in square meters</b>	Senate House Campus, Palayam: 37505 sq.m ; Kariavattom Campus: 1,11,768 sq.m; Thycaud Campus (Women's Hostel): 6,911; University Library Campus: 2,727 sq.m; University Stadium: 10,000 sq.m; Department of Education, Thycaud: 1,067 sq.m; Students' Centre: 3,498 sq.m; Kerala University Observatory & Planetarium: 150 sq.m.
33	<b>Staff Quarters</b>	160 Nos ( A,B, C, D, E & F Types)
34	<b>ICT Facility</b>	Tier 3 Data Centre, About 2000 Computers, WiFi enabled Campus, 10 GBPS Fiber Network Connectivity, High Performance Computing Facility, 38 Smart Class rooms.
35	<b>Physical Education Infrastructure</b>	Kerala University Stadium and G.V Raja Pavilion at Palayam is the hub of all sporting activities of the University with area of around 8 acres in the heart of Trivandrum. It has international standard synthetic athletic track, football field, Basketball, Volleyball, Handball, Kho Kho / Kabaddi courts and flood lights for night time events. Other Facilities: (1) Two modern Multi Gymnasiums in the G.V Raja Pavilion. (2) The Sports Hub Complex at Kariavattom Campus adjudged the best Sporting arena in India build on BOT basis. (3) The campus stadium in the Kariavattom Campus. (4) New multipurpose indoor stadium for Basketball, Badminton etc. at Senate House Campus, Palayam.
36	<b>Libraries Stock</b>	Total No. of libraries: 49; Total No. of books: 8,50,000; Annual growth rate of stock: 1.53%; Total no. of library staff (Permanent): 83; (Contract): 29; Classification: DDC in 35 Libraries, CC in 8 Libraries; LIDAS, software for accessing the KUL digital archives of rare and valuable documents.
37	<b>Rare books in KUL</b>	<b>1. Samkshepa Vedartam</b> (Compendiosa Legis Explanatio Ominibus Christian's Seitu Necessaria) by Fr. Clement Pianius (First complete book printed in Malayalam printed in Rome in 1772 and published by the sacred Congregation of the Propagation of Faith. <b>2. Four Gospels</b> (Bible New Testament), Malayalam book printed in 1811 by the Courier Press, Bombay.
38	<b>Auditoriums</b>	1652 seater Senate hall and a dozen additional halls. Golden Jubilee Auditorium - 800 seats. Seminar complex under construction- 240 seats.
39	<b>Students</b> (University Departments)	Ph.D 878 – (67% female), M.Phil 334 - (75% female), PG 1284 - (76% female)
40	<b>Students (UITs/UIMs etc)</b>	UITs: 4542; UIMs: 972; KUCTEs: 987; UCE: 509
41	<b>Students (Affiliated Colleges) University Departments &amp; Centres</b>	UG: 97411, PG: 14769, Ph.D. : 417
42	<b>Foreign Students</b>	<b>31</b> Ethiopia (1), Srilanka (2), Afganistan (8), Kenya (1), Vietnam (3), Fiji (1), Maldives (1), Trinidad & Tobago (1), Iraq (8), Brazil (1), Senegal (1), Malaysia (1), Uganda (1), Mauritius (1)
43	<b>Student start-ups</b>	3
44	<b>Students Union</b>	1. Kerala University Union Chairman: Riyas A.R. 2. Kerala University Union General Secretary: Anju Krishna G.T. 3. Department's Union Chairperson: Shimji Kannan 4. Researcher's Union Chairperson: Stalin K.
45	<b>Gender Profile of Students Affiliated Colleges: University Departments</b>	UG students: 64% Female, PG students: 84% Female, Ph.D students: 60% Female. PG students: 75% Female, M.Phil students: 81.37% Female, Ph.D students: 63% Female



46	<b>Student Hostels</b>	Men 2 Hostels; Women 4 Hostels
47	<b>Programmes offered by Departments &amp; Centres</b>	PG – 53; M.Phil – 46 (35 +Innovative M. Phil Programmes 9); Ph.D – 41; PG Diploma – 4
48	<b>No. of exams conducted</b>	9,186
49	<b>Total Faculty Positions</b>	Sanctioned Strength: 291 (Professor: 34, Asso. Prof.: 95, Asst. Prof.: 89), Present Strength: 168
50	<b>Qualification of Permanent Faculty</b>	Ph.D. (94%), M. Phil. (6%)
51	<b>Teacher - Student Ratio in Depts.</b>	1:10
52	<b>Tuition Fee range for Teaching Departments (PG)</b>	Rs. 500/- to Rs.5000/- per Semester
53	<b>University Terms/ Semesters</b>	Semester 1,3 : September to February Semester 2,4 : February to August
56	<b>Grading system for PG Programmes</b>	O (Outstanding, <i>grade point 10</i> ), A+ (Excellent, <i>grade point 9</i> ), A (Very Good, <i>grade point 8</i> ), B+ (Good, <i>grade point 7</i> ), B (Above Average, <i>grade point 6</i> ), C (Average, <i>grade point 5</i> ), D (Pass <i>grade point 4</i> ) F (Fail, <i>grade point 0</i> ), Ab (Absent, <i>grade point 0</i> )
57	<b>Ph.Ds. awarded during 2019</b>	508
58	<b>Patents (2019)</b>	Filed: 2
59	<b>Journals Published by the University</b>	<b>20</b> (One of the oldest journals in the country, Journal of Indian History is published by the University of Kerala since 1946).
60	<b>Books Published by the University during 2019</b>	16 (General -6, Text -10) Premier Publications: (i) 10 volumes Hortus Malabaricus on plant wealth of Kerala (English and Malayalam) (ii) 9 Volumes of Malayalam Lexicon (nearly 9000 pages), the largest dictionary in any modern Indian Language, which has taken half a century so far (iii) Sahithya Charithram by Ulloor
61	<b>Rare Manuscripts</b>	The Kerala University Oriental Manuscripts Library has over 65,000 works in 30,000 copies mainly of palm leaf, paper, copper plates, birch bark and textiles. The collection also covers manuscripts from Burma, Malaysia, Indonesia and Nepal. Digitisation of these manuscripts is in progress.
62	<b>Oldest Institutions</b>	1. Department of Aquatic Biology & Fisheries (1937) 2. Oriental Research Institute & Manuscript Library - ORIMSL (1904) 3. Observatory (1838)
63	<b>GPS</b>	Palayam - <b>8° 30' 8.27"</b> , <b>76° 56' 51.5"</b> ; Karyavattom - <b>8° 33' 57.14"</b> , <b>76° 52' 37.18"</b>
64	<b>Distances (respective campus gates)</b>	Karyavattom to Palayam: 12 km, Karyavattom to Thampanoor Railway Station: 14 km, Palayam to Airport: 8 km, Palayam to Thampanoor Railway Station: 2 km, Karyavattom to Airport: 13 km.
65	<b>Rating of University Website</b>	1. User friendly - overall rating 91.9% 2. No. of visitors : 1563236 3. Frequency of updates - daily Bagged the Kerala State e-governance award for the best website





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*Authorities*

*&*

*Bodies*







*The Chancellor,  
Pro-Chancellor  
&  
Officers of the  
University*

Chancellor  
*The Governor of Kerala*  
**Shri. ARIF MOHAMMAD KHAN**

Pro-Chancellor  
*Minister for Higher Education*  
**Dr. K. T. JALEEL**

Vice-Chancellor  
**Prof. V P MAHADEVAN PILLAI**

Pro Vice Chancellor  
**Prof. P. P. AJAYAKUMAR**

Registrar  
**Prof. C. R. PRASAD**  
(i/c of Registrar)

Controller of Examinations  
**Dr. N. GOPAKUMAR**

Finance Officer  
**Sri. R. MAHADEVAN**

Director, Planning & Development  
**Dr. MINI DEJO KAPPEN**

Director, College Development Council  
**Dr. K. MOHAMMED BASHEER**

## MEMBERS OF THE SENATE

Sl. No.	Membership (Relevant provision of the Act-Chapter IV)		Name & Address
1.	17 (1)	1	The Chancellor University of Kerala
2.	17 (2)	2	The Pro- Chancellor University of Kerala.
3.	17 (3)	3	Prof (Dr). V.P. Mahadevan Pillai. The Vice-Chancellor University of Kerala.
4.	17 (4)	4	The Pro-Vice-Chancellor, University of K-erala.
5.	17(5)	5	The Finance Secretary to Government, Government Secretariat, Thiruvananthapuram.
6.	17(6)	6	The Director of Public Instruction O/o the Director of Public Instruction, Jagathy, Thiruvananthapuram.
7.	17(7)	7	The Director of Collegiate Education, Government of Kerala, Vikas Bhavan, Thiruvananthapuram.
8.	17(8)	8	The Secretary to Government General Education Department Government Secretariat, Thiruvananthapuram.
9.	17 (9)	9	The Secretary to Government Higher Education Department Government Secretariat, Thiruvananthapuram.
10.	17 (9(a))	10	The Secretary to Government, Information Technology, Government Secretariat, Thiruvananthapuram.
11.	17 (10)	11	The Director of Technical Education, Government of Kerala, Padmavilasom Road, East Fort, Thiruvananthapuram
12.	17(11)	12	The Chairman. State Advisory Board of Education, Government of Kerala.
13.	17(12)	13	The Hon'ble Mayor Thiruvananthapuram Corporation.
Seven Heads of the University Departments- (To be nominated by the Chancellor under Section 17-Ex-Officio Members (13) of the Kerala University Act, 1974)-			
14.	17(13)	1	Dr. Pushpam M Associate Professor & Head, Department of Sociology, University of Kerala, Kariavattom, Thiruvananthapu- ram Ph.9847524317 Email Id : pushpasocio@gmail.com

Sl. No.	Membership (Relevant provision of the Act-Chapter IV)		Name & Address
15.	17(13)	2	Dr. G. Prasad Professor & Head, Department of Zoology, University of Kerala, Kariavattom, Thiruvananthapuram Ph. 9497254158 Email. Probios1@gmail.com
16.	17(13)	3	Dr. S. Shifa Professor & Head, Department of Malayalam, University of Kerala, Kariavattom, Thiruvananthapuram Ph.9447543476 Email Id. drshifa1@gmail.com
17.	17(13)	4	Dr. Suresh Singh. G Professor & Head, Department of Mathematics, University of Kerala, Kariavattom Thiruvananthapuram. Ph. 9447471455 Email. gsureshsingh65@gmail.com
18.	17(13)	5	Dr. P. Mohanachandran Nair Professor & Head, Department of Demography, University of Kerala, Kariavattom, Thiruvananthapuram Ph.9446415618 Email Id. pmohanachandran@yahoo.com
19.	17(13)	6	Dr. C. Satheesh Kumar Associate Professor & Head, Department of Statistics, University of Kerala, Kariavattom, Thiruvananthapuram. Ph.9895980078 Email: drsatheesh001@gmail.com
20.	17(13)	7	Dr. V. Sathish Associate Professor and Head, Department of History, University of Kerala, Kariavattom Thiruvananthapuram Ph.9446533386 Email Id. drsathishvasudevan@gmail.com
Four Deans of Faculties of the University –( To be nominated by the Chancellor under Section 17- Ex-Officio Members (14) of the Kerala University Act, 1974) -			
21.	17(14)	1	Dr. Usha Sujit Nair Associate Professor Lakshmibai National College of Physical Education Kariavattom P O Thiruvananthapuram Email Id: ushasujitho@gmail.com Ph: 9745827790
22.	17(14)	2	Dr. R. Jayachandran Professor and Head Department of Hindi University of Kerala. Email Id: drjayachandran@gmail.com Ph: 9400472375

Sl. No.	Membership (Relevant provision of the Act-Chapter IV)		Name & Address
23.	17(14)	3	Dr. Shaji Varkey Associate Professor, Department of Political Science University of Kerala Kariavattom Thiruvananthapuram Email Id: shajivarkey@gmail.com Ph: 9447129451
24.	17(14)	4	Dr. B. S. Jamuna Professor and Head Institute of English University of Kerala. Email Id: jamunachand@gmail.com Ph: 9497621662
The Chairman, Kerala University Union			
25.	17(15)	1	Riyas A R IInd Year M.A Malayalam University College, Thiruvananthapuram Email Id: riyaspulimath.123@gmail.com Ph: 9633153396
Elected Members			
Principals of Colleges (under Section 17- Elected Members (1) of the Kerala University Act, 1974)			
26.	17(1)	2	Dr. B. Unnikrishnan Nair Principal, Govt. College, Kariavattom, Thiruvananthapuram -695 541 Email Id: bukphys@gmail.com Ph: 8281796263
27.	17(1)	3	Dr. Thara G.S Principal, Govt. College Nedumagad, Thiruvananthapuram - 695101 Email Id: tharapradeepkumar@yahoo.com Ph: 949624994
28.	17(1)	4	Dr. V.Gopakumar Principal, Government Arts & Science College, Ambalapuzha, Alappuzha-688561 Email Id: vgk.003@gmail.com Ph: 9446331681
29.	17(1)	5	Dr. K. S. Anil Kumar Principal, Sree Ayyappa College, Eramalikkara, Chengannor, Alappuzha - 689109. Email Id: ksamilksitm@gmail.com Ph: 9447410591
30.		6	Vacant
31.	17(1)	7	Dr. Mathew V Principal, St.Michael's College, Cherthala, Alappuzha- 688539. Email Id: mathewcheepinkal@gmail.com Ph:9349317519
32.	17(1)	8	Dr. B.Rajendran Principal, Kerala Institute of Tourism and Travel Studies, Thycadu, Thiruvananthapuram 695014 Email Id: rajendrsvrplus@gmail.com Ph: 9447134484

Sl. No.	Membership (Relevant provision of the Act-Chapter IV)		Name & Address
Members of Legislative Assembly (under Section 17- Elected Members (3) of the Kerala University Act, 1974)			
33.	17(3)	1	P. Aisha Potti Member, Legislative Assembly, Sreesankaram, Padinjattinkara, Kottarakkara P.O., Kollam-691 506 Ph: 9447557370
34.	17(3)	2	Chittayam Gopakumar Member, Legislative Assembly, "Shangrila", Konnamankara, Adoor P.O, Pathanamthitta-691 523. Ph: 98471 03731 Email Id: chittayam@gmail.com
35.	17(3)	3	V.Joy Member, Legislative Assembly, "Sadhavanam", Near SN Mission Hospital, Puthanchanda, Varkala P.O. Thiruvananthapuram-695 141. Email Id: joyperunguzhi@gmail.com Ph: 94472 06270
36.	17(3)	4	R. Rajesh Member, Legislative Assembly, Nalloorkulathil, Kollakadavu P.O, Chenganoor, Alappuzha – 690 509 Email Id: rajeshmvkmla@gmail.com Ph: 9605838180
37.	17(3)	5	K.S.Sabarinadhan Member, Legislative Assembly, "Abhayam", B-21, Sreerangam Lane, Sasthamangalam P.O, Thiruvananthapuram-695 010. Ph: 9447736033 Email Id: aruvikkaramla@gmail.com
38.	17(3)	6	M.Vincent Member, Legislative Assembly, Vattavilakom, R.C. Street, Balaramapuram, Thiruvananthapuram-695 501. Ph: 9847346077 Email Id: mvincentblpm1234@gmail.com
Teachers of the University (under Section 17- Elected Members (4) of the Kerala University Act, 1974)			
39.	17(4)	1	Dr. Pramod Kiran R.B. Assistant Professor, Dept. of Aquatic Biology and Fisheries, Kariavattom. Email Id: pramodkiranrb@keralauniversity.ac.in Ph: 9995883318
40.	17(4)	2	Dr. Helen A. Associate Professor, Dept. of Bio-Chemistry, Kariavattom Email Id: helenbiochem@gmail.com Ph: 9447399759
41.	17(4)	3	Dr. Nazeeb S Assistant Professor, School of Distance Education, Palayam. Email Id: drnazeeb@gmail.com Ph: 9447722346
Teachers of Government Colleges (under Section 17- Elected Members (5) of the Kerala University Act, 1974)			
42.	17(5)	1	Ajith Kumar.J.N Assistant Professor, English, Govt. College for Women, Vazhuthacaud, Thiruvananthapuram. Email Id: ajithkumardevaragam@gmail.com Ph: 8281790679

Sl. No.	Membership (Relevant provision of the Act-Chapter IV)		Name & Address
43.	17(5)	2	Dr. Vishnu V S Assistant Professor, Chemistry, Govt. Arts College, Thycaud, Thiruvananthapuram Email Id: vishnuvstm@gmail.com Ph: 9447246223
44.	17(5)	3	Dr. A. Balakrishnan Assistant Professor, History, University College, Thiruvananthapuram Email Id: balakrishna1000@gmail.com Ph: 9446556641
45.	17(5)	4	Dr. Sabeen.H.M Assistant Professor, Geology, Govt. College, Kariavattom, Thiruvananthapuram. Email Id: sabeenhm@gmail.com Ph: 9447342623
46.	17(5)	5	Jairaj J Assistant Professor, Physical Education Govt. College, Attingal, Thiruvananthapuram Email Id: jairaj.sree@gmail.com Ph: 9446966326
<b>Teachers of Private Colleges (under Section 17- Elected Members (6) of the Kerala University Act, 1974)</b>			
47.	17(6)	1	Dr. Lakshmi Priya N Assistant Professor, English Mahatma Gandhi College, Thiruvananthapuram. Email Id: laksmi78@gmail.com Ph: 9846224539
48.	17(6)	2	Dr. Dileep A.S Assistant Professor, Commerce Mahatma Gandhi College, Thiruvananthapuram. Email Id: dr.dileepvjd@gmail.com Ph: 9447500734
49.	17(6)	3	Dr. Sam Solomon Associate Professor, Physics Mar Ivanios College, Thiruvananthapuram. Email Id: sam.soloman@gmail.com Ph: 9847314237
50.	17(6)	4	Dr. Babitha G S Assistant Professor, Zoology, S.N. College, Sivagiri, Varkala. Email Id: babithajoy2000@gmail.com Ph: 9846743648
51.	17(6)	5	Dr. Kavitha. K.R Assistant professor, Botany, S.N. College, Chempazhanthi. Email Id: drkavithakr@gmail.com Ph: 9446546770
52.	17(6)	6	R Arunkumar Associate Professor, Physical Education K.S.M.D.B College, Sasthamcottah. Email Id: aruncoach@yahoo.com Ph: 9605003190
53.	17(6)	7	Dr. Sumi Alex Assistant Professor, Commerce, St. Gregorios College, Kottarakara. Email Id: sumiannaalex@rediff.com Ph: 9495823291

Sl. No.	Membership (Relevant provision of the Act-Chapter IV)		Name & Address
54.	17(6)	8	Dr. M.Vijayan Pillai Associate Professor, Malayalam, NSS College, Nilamel. Email Id: vijaymannoor@gmail.com PH: 9447090326
55.	17(6)	9	Dr. Sekaran S Assistant Professor, SN College for Women, Kollam. Email Id: drsekhar72@gmail.com Ph: 9446073917
56.	17(6)	10	Sibi C Babu Assistant Professor, St. John's College, Anchal. Email Id: sibicbabu@stjohns.ac.in Ph: 9447497122
57.	17(6)	11	Dr. Abraham A Assistant Professor, Physics, Christian College, Chengannur. Email Id: isureshabraham@gmail.com Ph: 9447977385
58.	17(6)	12	Dr. Rani Abraham Assistant Professor, Chemistry, Christian College, Chengannur. Email Id: raniabraham@gmail.com Ph: 9447439962
59.	17(6)	13	S. Ajayakumar Assistant Professor, Malayalam, S.D. College, Alappuzha. Email Id: ajamakyalm@gmail.com Ph: 9446376511
60.	17(6)	14	Dr. K. Jayakumar Associate Professor, Physical Education, NSS College, Pandalam. Email Id: jayakumar.vgr@gmail.com Ph: 9447222584
61.	17(6)	15	Shajitha S Assistant Professor, Islamic History T.K.M College of Arts & Science, Kollam. Email Id: sajitha1971@gmail.com Ph: 9746805470
62.	17(6)	16	Sony.PJohn Assistant Professor, Commerce Milad-E- Sherief Memorial College, Kayamkulam. Email Id: jhpsony@gmail.com Ph: 9447498778
<b>Members of the Local Authorities (under Section 17- Elected Members (7) of the Kerala University Act, 1974)</b>			
63.	17(7)	1	B P Murali Member, District Panchayath, Thiruvananthapuram, Mampazhikathu Veedu, Pullayil P O, Kilimannoor, Thiruvananthapuram District. Email Id: bpmurali2261@gmail.com Ph: 9446614044
64.	17(7)	2	Aneppil Dr. D Sujith Kollam Corporation Aneppil Veedu, Kangathumukku, Tirumullavaram, PO Kollam, Kollam District. Email Id: sinesujith@yahoo.co.in Ph: 9846346114

Sl. No.	Membership (Relevant provision of the Act-Chapter IV)		Name & Address
65.	17(7)	3	B. Sathi Kumari Member, Pathanamthitta, Dist. Panchayath Nellikunnil, Ananda bhavan Ikkad, Kodumon.P.O. Pathanamthitta District Ph: 9497853690
66.	17(7)	4	Viswan Padanilam Alappuzha District Panchayath Noorukodipadeetathil, Padanilam. P.O Alappuzha District. Email Id: viswanpadanilam@gmail.com Ph: 9447231610
Presidents of Registered Trade Unions (under Section 17- Elected Members (8) of the Kerala University Act, 1974)			
67.			Vacant
68.	17(8)	1	V. Sivankutty Secretary Skilled Workers Union (CITU) District Committee Office Chirakulam Road, Statue Thiruvananthapuram Ph: 984660986
Non-Teaching Staff of the University (under Section 17- Elected Members (9) of the Kerala University Act, 1974)			
69.	17(9)	1	Bijukumar G, Section Officer (Hr.Gr), University Office, Thiruvananthapuram Ph: 9446178670 Email Id: bijualappuzha@gmail.com
Non-Teaching Staff of the Affiliated Colleges (under Section 17- Elected Members (10) of the Kerala University Act, 1974)			
70.	17(10)	1	Anilkumar R. Attender, Govt. Sanskrit College, Thiruvananthapuram 9947986647 ananduanjana@gmail.com
71.	17(10)	2	Osbon.Y Lab Assistant, FMN College, Kollam Email Id: osbon1985@gmail.com Ph: 9020703070
72.	17(10)	3	S.Jayaram Lab Assistant, TKMM College, Nangiarkulangara Email Id: jayarammangalam@gmail.com Ph: 9947738937
Managers of Private Colleges (under Section 17- Elected Members (11) of the Kerala University Act, 1974)			
73.			Vacant
Ten Members elected by the members of the General Council of the University Union from among Full-time Students (under Section 17- Elected Members (12) of the Kerala University Act, 1974)			
74.	17(12)	1	Aby Shinu IV Sem 3 Year LLB Kerala Law Academy Law College, Peroorkkada, Thiruvananthapuram. Email Id: abyshinu363@gmail.com Ph: 8606685100



Sl. No.	Membership (Relevant provision of the Act-Chapter IV)		Name & Address
75.	17(12)	2	Akshay A A S4 Economics, Bishop Moore College, Mavelikkara, Alappuzha. Email Id: aaainvestigator6@gmail.com Ph: 7558951886
76.	17(12)	3	Anagha A S Ph.D Department of Hindi Kariyavattom Campus, University of Kerala. Email Id: anagha1991krishna@gmail.com Ph: 9447380333
77.	17(12)	4	Krishnendu R B.Com, Milad-E-Sherief Memorial College, Kayamkulam. Email Id: krishnendusiva@gmail.com Ph: 9961111533
78.	17(12)	5	Mohammed Yaseen S2 M.Com Finance Sree Narayana Guru College of Advanced Studies, Cherthala Ph: 8891666143 Email Id: yaseenyaseen95@gmail.com
79.	17(12)	6	Nithin S First Semester B.Ed Physical Science Millath College of Teacher Education, Sooranad, Kollam. Email Id: nithinsedakkadnse@gmail.com Ph: 8593922959
80.	17(12)	7	Pavithra U II M.Com, Milad-E-Sherief Memorial College, Kayamkulam. Ph: 7025895350
81.	17(12)	8	Rahul A Rajan S2 BBA LLB CSI Institute of Legal Studies, Cheruvarakonam, Parassala. Email Id: rahular@gmail.com Ph: 9895673176
82.	17(12)	9	Rahul R 8th Semester 5 Year B.A LLB Kerala Law Academy Law College, Peroorkkada, Thiruvananthapuram. 9744178290 rahulrkplr@gmail.com
83.	17(12)	10	Sijith S First Semester B.Ed Natural Science PTM College of Education, Maruthoorakonam. Email Id: sijithams@gmail.com Ph: 9995948981
<b>Other Members</b>			
Two Headmasters of High Schools and Two Teachers of Schools within the University area (To be nominated by the Chancellor under Section 17- other Members (1) of the Kerala University Act, 1974)			
84.	17(1)	1	Sri.Suresh Babu R.S Headmaster, Govt. Model Boys HSS, Thycaud P.O., Thiruvananthapuram – 14 Email Id: sureshbaburs2@gmail.com Ph: 9997015789

Sl. No.	Membership (Relevant provision of the Act-Chapter IV)		Name & Address
85.	17(1)	2	Smt.Yamuna Devi T.S, Principal, Govt.PPTTI Cotton Hill, Thiruvananthapuram – 10. Email Id: yamunatvkr@gmail.com Ph: 9495618248
86.	17(1)	3	Sri.Harikumar G.K, HSST Junior Physics CPHSS Kuttikkadu, Kadakkal, (Radha Madavam, Ummannoor P.O, Kottarakkara, Kollam – 691 520. Ph: 9447451566
87.	17(1)	4	Sri.Ajayakumar.V HSA Malayalam. GHSS Palayamkunnu, Varkkala Email Id: varkalaajayan@gmail.com Ph: 9495312579
Nine Members ( To be nominated by the Chancellor under Section 17-other Members (2) of the Kerala University Act, 1974)			
88.	17(2)		Dr.Vinodkumar T.G Nair Senior Scientist, TBGRI, Palode. Email Id: vaidyavinodkumar@gmail.com Ph: 9446486457
89.	17(2)	1	Sri.Shaik P Harriz, Chairman, PA Hariz Foundation & Joint Secretary, MSM Trust, Kayamkulam (Puthenpurayil House, Kayamkulam, Alappuzha). Email Id: harrizshaik@gmail.com Ph: 9447125250
90.	17(2)	2	Sri.Joy Sukumaran, Coir Flex Export Pvt.Ltd., Joy Bhavan, Pattanakkad P.O., Cherthala,. Alappuzha Email Id: mail2joysukumaran@gmail.com Ph: 9846025633
91.	17(2)	3	Sri.Patmakumar G., Proprietor, Capital Color Park Digital Press, Kollam & Karunagappally (Harichandanam, Alumpeedika P.O, Karunagappally, Kollam – 690 547). Email Id: gpatmakumar@gmail.com Ph: 9447737300
92.	17(2)	4	Prof.A.M.Unnikrishnan, Professor of Malayalam. University of Kerala. Email Id: dramunnikrishnan@gmail.com Ph: 9447453145
93.	17(2)	5	Dr.N.P.Chandrasekharan, Director, News Malayalam Communication, University P.O. (Rithuharam, Kanjirampara P.O., Thiruvananthapuram).
94.	17(2)	6	Adv.Muralidharan Pillai G., Kizhakkumbhagathu Koivila, Koivila P.O., Kollam – 691 590. Email Id: gmuraleedharan2012@gmail.com Ph: 9895673352

Sl. No.	Membership (Relevant provision of the Act-Chapter IV)		Name & Address
95.	17(2)	7	Adv.B.Balachandran, Parayattukonam, Pirappancode, Venjaramoodu, Thiruvananthapuram. Email Id: adv.bbalachandran@gmail.com Ph: 9496254880
96.	17(2)	8	Dr.P.Asokan, SP Fort Hospital, Fort, Thiruvananthapuram – 695 023. Ph: 9847601600
Four Students ( To be nominated by the Chancellor under Section 17- other members (3) of the Kerala University Act, 1974)			
97.	17(4)	1	Athira P, M.A Malayalam. University of Kerala, Kariavattom. (Thottathil Melathil Veedu, Mukkoodu P.O., Kundara, Mulavana, Mukkoodu, Kollam – 691 503). Ph. 7902230476 Email Id. Athi1697P@gmail.com
98.	17(4)	2	Ascharya D., MSc Statistics. Govt. Arts College, Thycaud, Thiruvananthapuram. (Lalith, T.C 27/1895(1), CRA 15, Vanchiyoor, Convent Road, Vanchiyoor, Thiruvananthapuram – 695 035). Email Id: ascharya97@gmail.com PH: 9447129579
99.	17(4)		Vacant
100.	17(4)	3	Krishna Ajith, II Year B.A English, Mar Ivanious College, Nalanchira, Thiruvananthapuram (Flat No.6a, Nikunjam, Palm Groove, Opp.Lulu Mall, Near Perfect Honda, Venpalavattom, Anayara P.O., Thiruvananthapuram – 695 029). Email Id: krishnacrusher@gmail.com Ph: 9497511110
NOMINATED MEMBERS			
Five members nominated from the field of Higher Education ( To be nominated by the Government under Section 17- other Members (4) of the Kerala University Act, 1974) and One member nominated by the Government from the field of Information Technology			
101.	17(4)	1	Adv. K.H. Babujan Abhayam, Evoor South, Keerikkad P.O, Alappuzha-690508. Ph: 9495477452
102.	17(4)	2	Dr.K.B. Manoj Mukthi, Maru South Alumkadavu P.O, Karunagappally, Kollam. (Principal, Sree Narayana College, Cherthala) Ph: 9447106774 Email Id: drkbmanoj@gmail.com

Sl. No.	Membership (Relevant provision of the Act-Chapter IV)		Name & Address
103.	17(4)	3	Adv. A Ajikumar Kollasseril, Kannampally Bhagam Kayamkulam P.O, Alappuzha – 690 502 Ph.9847468778 Email Id: advajikyln@gmail.com
104.	17(4)	4	Smt.Renju Suresh Puthenvila Veedu, Vakkammukku, Alayamon P.O, Anchal, Kollam – 691 306. Ph.9495215305 Email Id: renjusuresh17@gmail.com
105.	17(4)	5	Prof. K.Lalitha TC 18/514-1, PRA 331-B Aramada P.O, Punnackamughal, Thiruvananthapuram – 695 032. (Retd. Govt. College Principal & Retd. Deputy Director of Collegiate Education) Ph.9497877992 Email Id: lalitha.k.rajeevan@gmail.com
106.	17(5)	6	Dr.Gopchandran K.G Professor & Head, Department of Optoelectronics, Kerala University, Thiruvananthapuram – 695 581. Ph.8129914751 Email Id: kggopchandran@gmail.com

## MEMBERS OF THE SYNDICATE

Sl. No.	Ex-Officio Members		Official Address
1.	1	Prof. (Dr).V.P.MAHADEVAN PILLAI Vice-Chancellor (in the chair)	Vice-Chancellor, University of Kerala. Phone : 2306634
2.	2	Prof. (Dr) P.PAJAYAKUMAR. Pro-Vice-Chancellor, University of Kerala.	Pro-Vice-Chancellor, University of Kerala Phone : 2308532
3.	3	The Secretary to Government, Higher Education Department, Government of Kerala, Thiruvananthapuram.	
4.	4	The Secretary to Government, Information Technology Department, Government of Kerala, Thiruvananthapuram.	
5.	5	The Director of Genaral Education Thiruvananthapuram.	Phone : 2325106
6.	6	The Director of Collegiate Education, Vikas Bhavan, Thiruvananthapuram.	Phone : 2303548

Sl. No.	Ex-Officio Members		Official Address
i	Teacher of the University		
7.	1	Dr.S.Nazeeb Assistant Professor, School of Distance Education, University of Kerala	Mob:9447722346 Email:drnazeeb@gmail.com
ii	Teacher of a Government College affiliated to the University		
8.	1	Sri.Jairaj.J Assistant Professor, Physical Education Govt.College,Attingal,Thiruvananthapuram	Mob:9446966326 Email:jairaj.sree@gmail.com
iii	One Principal each from the Government Colleges and Aided Colleges affiliated to the University		
9.	1	Dr.B.Unnikrishnan Nair Principal,Govt.College, Kariavattom, Thiruvananthapuram	Mob:8281796263 Email:bukphys@gmail.com
10.	2	Dr.Mathew.V Principal St.Michael's College, Cherthala,Alappuzha-688539	Mob:9349317519 Email:mathewcheepinkal@gmail.com
iv	Two Teacher representative from the Aided College affiliated to the University		
11.	1	Dr.M.Vijayan Pillai Associate Professor, Malayalam.NSS College, Nilamel	Mob:9447090326 Email:vijaymannoor@gmail.com
12.	2	R.Arunkumar Associate Professor,Physical Education K.S.M.D.B College,Sasthamcottah	Mob: 9447591718 Email:aruncoach@yahoo.com
v	One Student from the University or from the Government or Aided College affiliated to the University		
13.	1	Mohammed Yaseen S2 M.Com Finanace Sree Narayana Guru College Of Advanced Studies, Cherthala	Mob: 8891666143 Email:yaseenyaseen95@gmail.com
vi	Six Shall be persons who are not teachers, of whom one shall be a person belonging to a SC or ST		
14.	1	R.Rajesh MLA,Nalloorkulathil Kollakadavu.P.O Chenganoor,Alappuzha-690 509	Mob: 9605838180 Email:rajeshmvkmla@gmail.com
15.	2	B.P Murali Member,District Panchayathu, Thiruvananthapuram (Mampazhikathu Veedu,Pullayil.P.O,Kilimanoor,T-VPM)	Mob: 9446614044 Email:bpmurali2261@gmail.com
16.	3	Viswan Padanilam Member Alappuzha District Panchayath (Noorukodipadeetathil,Padanilam.P.O Alappuzha)	Mob: 9447231610 Email:viswanpadanilam@gmail.com
17.	4	Bijukumar.G Section Officer(Hr.Gr), Dept of English, University Office, Thiruvananthapuram	Mob: 9446178670 Email:bijualappuzha@gmail.com

Sl. No.	Ex-Officio Members		Official Address
18.	5	Adv.Muralidharan Pillai.G Kizhakkumbhagathu Koivilla, Koivilla.P.O,Kollam-691590	Mob: 9895673352 Email:gmuraleedharan2012@gmail.com
19.	6	Adv.B.Balachandran Parayattukonam,Pirappancode, Venjaramoodu,Thiruvananthapuram-695607	Mob: 9496254880 Email:adv.bbalachadran@gmail.com
vii	Six eminent persons working in the education sector of which one shall be a women and one shall be a person belonging to the Scheduled Castes or Scheduled Tribes		
20.	1	Adv. K. H. Babujan Abhayam, Ramapuram, Keerikadu, Kayamkulam, Alappuzha	Mob : 9495477452
21.	2	Dr.K.B.Manoj Mukthi,Maru South Alumkadavu.p.o,Karunagapally, Kollam (Principal,Sree Narayana College,Cherthala)	Mob: 9447106774 Email:drkbmanoj@gmail.com
22.	3	Adv.A.Ajikumar Kollasseril,Kannampally Bhagam Kayamkulam.P.O,Alappuzha-690502	Mob: 9847468778 Email:advajikylm@gmail.com
23.	4	Smt.Renju Suresh Puthenvila Veedu,Vakkammukku, Alayamon.p.o,Anchal,Kollam-691 306	Mob: 9495215305 Email:renjusuresh17@gmail.com
24.	5	Prof.K.Lalitha TC 18/514-1,PRA 331-B Aramada.P.O,Punnackamughal, Thiruvananthapuram-695032	Mob: 9497877992 Email:lalitha.k.rajeevan@gmail.com
25.	6	Dr.Gopchandran.K.G Prof & Head Department of Optoelectronics, University of Kerala Thiruvananthapuram	Mob: 8129914751 Email:kggopchandran@gmail.com

## STANDING COMMITTEES OF THE SYNDICATE

1. Standing Committee of the Syndicate on Finance	2. Standing Committee of the Syndicate on Staff, Equipment & Buildings.
Adv. K.H. Babujan <b>(Convener)</b> Sri. B.P Murali (Member) Adv. Muralidharan Pillai G (") Adv. B.Balachandran (") Dr. S. Nazeeb (") Dr.B.Unnikrishnan Nair (") Sri.Bijukumar G (") Dr. Vijayan Pillai M (") Adv.A.Ajikumar (") Dr.K.G.Gopchandran (") Dr. K.B.Manoj (")	1. Adv. B.Balachandran <b>(Convener)</b> 2. Adv. K.H. Babujan (Member) 3. Adv. Muralidharan Pillai G (") 4. Dr. S. Nazeeb (") 5. Sri.Bijukumar G (") 6. Smt. Renju Suresh (") 7. Dr.Mathew.V (") 8. Dr. K.B.Manoj (") 9. Sri. B.P Murali (") 10. Dr.K.G.Gopchandran (") 11. Adv.A.Ajikumar (")
<b>3. Standing Committee of the Syndicate on Academics and Research</b> 1. Dr. S. Nazeeb <b>(Convener)</b> 2. Adv. Muralidharan Pillai G (Member) 3. Dr.B.Unnikrishnan Nair (") 4. Dr.K.G.Gopchandran (") 5. Dr. K.B. Manoj (") 6. Dr. Vijayan Pillai M (") 7. Sri.Jairaj.J (") 8. Prof.K.Lalitha (") 9. Sri.Mohammed Yaseen (") 10.Sri. Arunkumar R (") 11. Adv.A.Ajikumar (")	<b>4. Standing Committee of the Syndicate on Planning and Development</b> 1. Adv.A.Ajikumar <b>(Convener)</b> 2. Adv. K.H. Babujan (Member) 3. Dr. S. Nazeeb (") 4. Dr. K.B. Manoj (") 5. Sri. B.P Murali (") 6. Adv. Muralidharan Pillai G (") 7. Sri.Bijukumar G (") 8. Sri.Jairaj.J (") 9. Dr.K.G.Gopchandran (") 10. Dr. Vijayan Pillai M (") 11. Sri. Viswan Padanilam (") 12. Sri. Arunkumar R (")
<b>5. Standing Committee of the Syndicate on Examinations</b> 1. Dr. K.B. Manoj <b>(Convener)</b> 2. Adv. K.H. Babujan (Member) 3. Adv. Muralidharan Pillai G (") 4. Dr. Vijayan Pillai M (") 5. Sri.Jairaj.J (") 6. Sri.Mohammed Yaseen (") 7. Dr.Mathew.V (") 8. Prof.K.Lalitha (") 9. Dr.K.G.Gopchandran (") 10. Dr. S. Nazeeb (") 11. Sri.Bijukumar G (") 12. Sri. Arunkumar R (")	Standing Committee of the Syndicate on Students' Discipline 1. Dr.K.G.Gopchandran <b>(Convener)</b> 2. Adv. Muralidharan Pillai G (Member) 3. Adv. B.Balachandran (") 4. Dr. K.B. Manoj (") 5. Prof.K.Lalitha (") 6. Sri.Mohammed Yaseen (") 7. Sri.Jairaj.J (") 8. Dr.B.Unnikrishnan Nair (") 9. Dr.Mathew.V (") 10. Smt. Renju Suresh (") 11. Sri. Arunkumar R (")

<p>Standing Committee of the Syndicate on Affiliation of Colleges</p> <ol style="list-style-type: none"> <li>1. Adv. Muralidharan Pillai G <b>(Convener)</b></li> <li>2. Adv. K.H. Babujan (Member)</li> <li>3. Dr. S. Nazeeb ( " )</li> <li>4. Dr. Vijayan Pillai M ( " )</li> <li>5. Sri. B.P Murali ( " )</li> <li>6. Smt. Renju Suresh ( " )</li> <li>7. Sri.R.Rajesh ( " )</li> <li>8. Sri. Viswan Padanilam ( " )</li> <li>9. Sri.Mohammed Yaseen ( " )</li> <li>10. Adv. B.Balachandran ( " )</li> <li>11. Adv.A.Ajikumar ( " )</li> </ol>	<p>Standing Committee of the Syndicate on Teaching and Non-Teaching Staff of Private Colleges</p> <ol style="list-style-type: none"> <li>1. Dr. Vijayan Pillai M <b>(Convener)</b></li> <li>2. Sri. B.P Murali (Member)</li> <li>3. Dr.Mathew.V ( " )</li> <li>4. Dr. K.B. Manoj ( " )</li> <li>5. Prof.K.Lalitha ( " )</li> <li>6. Sri.Jairaj.J ( " )</li> <li>7. Dr.B.Unnikrishnan Nair ( " )</li> <li>8. Sri. Viswan Padanilam ( " )</li> <li>9. Smt. Renju Suresh ( " )</li> <li>10. Sri.R.Rajesh ( " )</li> <li>11. Sri. Arunkumar R ( " )</li> </ol>
<p>Standing Committee of the Syndicate on Departments and Other Institutions of the University</p> <ol style="list-style-type: none"> <li>1. Sri.Jairaj.J <b>(Convener)</b></li> <li>2. Adv. K.H. Babujan (Member)</li> <li>3. Sri. B.P Murali ( " )</li> <li>4. Adv. Muralidharan Pillai G ( " )</li> <li>5. Sri.R.Rajesh ( " )</li> <li>6. Dr. S. Nazeeb ( " )</li> <li>7. Adv. B.Balachandran ( " )</li> <li>8. Dr.K.G.Gopchandran ( " )</li> <li>9. Sri.Mohammed Yaseen ( " )</li> <li>10. Dr. Vijayan Pillai M ( " )</li> <li>11. Smt. Renju Suresh ( " )</li> </ol>	<p>Standing Committee of the Syndicate on Students Services</p> <ol style="list-style-type: none"> <li>1. Sri.Mohammed Yaseen <b>(Convener)</b></li> <li>2. Adv. K.H. Babujan (Member)</li> <li>3. Adv. B.Balachandran ( " )</li> <li>4. Sri.R.Rajesh ( " )</li> <li>5. Prof.K.Lalitha ( " )</li> <li>6. Smt. Renju Suresh ( " )</li> <li>7. Dr.Mathew.V ( " )</li> <li>8. Dr.B.Unnikrishnan Nair ( " )</li> <li>9. Sri. Viswan Padanilam ( " )</li> <li>10. Adv.A.Ajikumar ( " )</li> <li>11. Sri.Bijukumar G ( " )</li> </ol>



## MEMBERS OF THE ACADEMIC COUNCIL

Sl. No.	Member-ship (Relevant provision-of the Act)		Name & Address
26.	24 (3)	(a)	Vice-Chancellor: Prof. (Dr). V. P. MAHADEVAN PILLAI Vice-Chancellor
27.	24 (3)	(b)	Pro-Vice-Chancellor: Prof. (Dr).AJAYAKUMAR.PP Pro-Vice-Chancellor, University of Kerala.
28.	24 (3)	(c)	The Director of Public Instruction The Director of Public Instruction, Thiruvananthapuram.
29.	24 (3)	(d)	The Director of Technical Education. The Director of Technical Education, Thiruvananthapuram.
30.	24 (3)	(e)	The Director of Collegiate Education. The Director of Collegiate Education, Government of Kerala, Vikas Bhavan, Thiruvananthapuram.
	24 (3)	(f)	The Director of Research and Studies Vacant
31.	24 (3)	(g)	The Director of Physical Education. Dr.Jayarajan David D. Director(i/c), Department of Physical Education, University of Kerala
	24 (3)	(h)	The Deans of Faculties
32.		1.	Faculty of Arts Dr. B. S. Jamuna (08-08-2019 to 07-08-2021) Professor and Head Institute of English University of Kerala. Mob: 9497621662 Mail: jamunachand@gmail.com
33.		2	Faculty of Ayurveda & Siddha Dr. R.Sree kumar (16-08-2019 to 15-08-2021) Professor & Head Govt. Ayurveda College, Thiruvananthapuram
34.		3	Faculty of Commerce Dr.S.Resia Beegam (08-08-2019 to 07-08-2021) Professor&Head, Department of Commerce University of Kerala. Mob: 9496254542 Mail: srbeegum@gmail.com
35.		4	Faculty of Education (20.08.2019 to 19.08.2021) Dr. Bindu R. L. Faculty of Education Associate Professor & Head, Department of Education University of Kerala Mob: 9947323222 Mail: binduindraneelam@gmail.com
36.		5	Faculty of Engineering & Technology Dr. Anil Lal.S (03-05-2019 to 02-05-2021) Principal, Government Engineering College Barton Hill, Thiruvananthapuram. Mob: 9446700859 Mail: principal@gecbh.ac.in

37.		6	Faculty of Law DrK.C. Sunny (16-08-2019 to 15.08.2021) Vice Chancellor The National University of Advanced Legal Studies Kochi -683503 Mob: 9446705416 Mail: sunnydr2003@gmail.com
38.		7	Faculty of Management Studies Dr. K. S. Chandrasekhar (08-08-2019 to 07-08-2021) Professor and Head, Institute of Management in Kerala University of Kerala. Mob: 9447268840 Mail: kscnair@gmail.com
39.		8	Faculty of Oriental Studies Dr.. R Jayachandran Professor, Department of Hindi University of Kerala. Mob: 9400472375 Mail: drrjayachandran@gmail.com
40.		9	Faculty of Physical Education Dr. Usha Sujit Nair (12-07-2018 to 11-07-2020) Associate Professor, LNCP,Kariavattom P.O University of Kerala (included as Ex-officio member)
41.		10	Faculty of Science Dr. A. Gangaprasad (08.08.2019 to 07.08.2021) Professor, Department of Aquatic Biology and Fisheries University of Kerala. Mob: 9447216157 Mail: bijupuzhayoram@gmail.com
42.		11	Faculty of Fine Arts Dr. Sobha B. Nair Faculty of Fine Arts Associate Professor, Government College for Women, Thiruvananthapuram
43.		12	Faculty of Homoeopathy Dr. M.Jemini (12-07-2018 to 11-07-2020) Professor, Dept. of Practice of Medicine, Govt. Homeopathic Medical College,Thiruvananthapuram
44.		13	Faculty of Social Sciences Dr. Shaji Varkey (12-07-2018 to 11-07-2020) Associate Professor Department of Political Science, University of Kerala, Kariavattom.
45.		14	Faculty of Medicine Dr. P. A. Mohammed Kunju (12.07.2018 to 11.07.2020) Professor & Head, Department of Pediatric Neurology, Government Medical College, Thiruvananthapuram
46.		15	Faculty of Applied Sciences and Technology Dr. K.G. Gopchandran (10.12.2018 to 09.12.2020) Professor, Department of Optoelectronics University of Kerala, Kariavattom Mob: 8129914751 Mail: vppillai9@gmail.com

47.		16	Faculty of Dentistry (20.08.2019 to 19.08.2021) Dr. Anita Balan Faculty of Dentistry Principal, Government Dental College Thiruvananthapuram Mob: 9447800944 Mail: anitabalan4@yahoo.co.in
	24 (3)	(i)	The General Secretary of the University Union
48.			Smt.Anju Krishna.G.T IIMA,political Science,SN college Kollam
	24 (3)	(j)	All the Heads of University Departments of study and research, who are not Deans of Faculties;
49.		1	Aquatic Biology & Fisheries Dr. A.Bijukumar Professor & Head, Department of Aquatic Biology & Fisheries, University of Kerala, Kariavattom.
50.		2	Arabic Dr. Thajudeen A. S. Assistant Professor, Department of Arabic, University Campus, Kariavattom.
51.		3	Archaeology Dr.Ajitkumar Professor and Head, Department of Archaeology, University Campus, Kariavattom.
52.		4	Biochemistry Dr. Mini.S, Asso.Professor & Head, Department of Biochemistry, University Campus, Kariavattom.
53.		5	Bio-Technology Dr. A. Jayakumaran Nair, Asst. Prof. & Head, Department of Bio-Technology, University Campus, Kariavattom.
54.		6	Botany Dr.T.S.Swapna, Professor & Head, Department of Botany, University Campus, Kariavattom.
55.		7	Chemistry Dr. Sony George Assistant Professor & Head, Department of Chemistry, University Campus, Kariavattom.
56.		8	Commerce Dr. G. Raju, Professor & Head, Department of Commerce, University Campus, Kariavattom. (Included as Dean)
57.		9	Communication & Journalism Dr. M. S. Harikumar, Asst. Prof. & Head, Department of Communication & Journalism, University Campus, Kariavattom.
58.		10	Computer Science Dr. Aji S., Assistant Professor & Head, Department of Computer Science, University Campus, Kariavattom.

59.		11	Demography Dr. P. Mohanachandran Nair, Professor & Head, Department of Demography, University Campus, Kariavattom.
60.		12	Economics Dr. Abdul Salim A., Professor & Head, Department of Economics, University Campus, Kariavattom.
61.		13	Education Dr. Bindhu RL Associate Professor, Department of Education, Thycaud, Thiruvananthapuram
62.		14	Environmental Sciences Dr. Sabu Joseph Professor & Head, Department of Environmental Sciences University Campus, Gandhi Bhavan, Kariavattom.
63.		15	Futures Studies Dr. K.Sathesh Kumar Asso.Prof & Head, Department of Futures Studies, University Campus, Kariavattom.
64.		16	Geology Dr. R.B Binoj Kumar, Asso. Prof. & Head, Department of Geology, University Campus, Kariavattom.
65.		17	German Sri.Sreekumar.K.N Asst. Professor, Head(i/c), Department of German, Senate House Campus, Thiruvananthapuram.
		18	Hindi (included in the Deans') Dr.Jayachandran R, Prof. & Head Department of Hindi, University Campus, Kariavattom.
66.		19	History Dr. V. Sathish Associate Professor & Head, Department of History, University Campus, Kariavattom.
		20	Institute of English Dr. B. S. Jamuna (included in the Deans' list) Professor & Head, Institute of English, Senate House Campus, Thiruvananthapuram.
67.		21	Institute of Management in Kerala Dr. Ambeeshmon S Assistant Professor & Head (i/c), Institute of Management in Kerala (IMK), University Campus, Kariavattom
68.		22	Islamic Studies Dr. Ampotti A. K., Asst. Professor & Head, Department of Islamic Studies, University Campus, Kariavattom.
69.		23	Law Dr. Sindhu Thulaseedharan Assistant Professor & Head, Department of Law, University Campus, Kariavattom.

70.		24	Library & Information Science Dr. B. Mini Devi, Assistant Prof. & Head in Charge, Department of Library & Information Science, University Library Buildings, Thiruvananthapuram
71.		25	Linguistics Dr. Shanavas S.A, Professor & Head, Department of Linguistics, University Campus, Kariavattom.
72.		26	Malayalam Dr. S.Shifa Professor & Head, Department of Malayalam, University Campus, Kariavattom.
73.		27	Mathematics Dr. G. Suresh Singh, Professor & Head, Department of Mathematics, University Campus, Kariavattom.
74.		28	Music Dr.Anuradha.VK, Professor & Head-in-charge Department of Music, Vazhuthacadu, Thiruvananthapuram
75.		29	Nano Science and Nano Technology Dr. S. Sankararaman Professor & Head (i/c), Department of Nano Science and Nano Technology, University Campus, Kariavattom
		30	Opto Electronics (included in the Syndicate' list) Dr. K.G.Gopchandran, Professor & Head, Department of Opto Electronics, University Campus, Kariavattom.
76.		31	Oriental Research Institute and Manuscripts Library Dr. Rejani.R.S., Assistant Professor & Head, Oriental Research Institute and Manuscripts Library, University Campus, Kariavattom.
77.		32	Philosophy Dr. Beena Issac, Professor & Head, Department of Philosophy, University Campus, Kariavattom.
78.		33	Physics Dr. Sibi.K.S, Assistant Professor & Head, Department of Physics, University Campus, Kariavattom.
79.		34	Political Science Dr.KM Sajad Ibrahim, Professor & Head, Department of Political Science, University Campus, Kariavattom.
80.		35	Psychology Dr.Jasser.J Assistant Professor& Head, Department of Psychology, University of Kerala, Kariavattom.

81.		36	Russian Dr. R. S. Krishnakumar, Asst. Professor, Head, Department of Russian, Senate House Campus, Thiruvananthapuram
82.		37	Sanskrit Dr. Shaila C. A., Associate Professor & Head, Department of Sanskrit, University Campus, Kariavattom.
83.		38	Sociology Dr. Pushpam.M, Associate Professor & Head of the Department, Department of Sociology, University Campus, Kariavattom.
84.		39	Statistics Dr. C. Satheesh Kumar Associate Professor & Head, Department of Statistics, University of Kerala, Kariavattom.
85.		40	Tamil Dr. Hepsy Rose Mary A, Asst. Prof. & Head, Department of Tamil, University Campus, Kariavattom.
86.		41	Zoology Dr. G. Prasad Professor & Head of the Department, Department of Zoology, University Campus, Kariavattom.
87.		42	School of Distance Education Dr. Vasantha Gopal, Associate Professor Director School of Distance Education (SDE), Senate House Campus, Thiruvananthapuram.
88.		43	Computational Biology & Bio-informatics Dr. Achuth Sankar S. Nair, Professor & Head-in-charge Computational Biology & Bio informatics, University Campus, Kariavattom
	24 (3)	(k)	All Members of the Syndicate who are not otherwise members of the Academic Council;
		i	Ex-officio Members
89.		1	The Secretary to Government, Higher Education Department, Government of Kerala, Government Secretariat, Thiruvananthapuram
90.		2	The Secretary to Government, Information Technology Department Government of Kerala, Government Secretariat, Thiruvananthapuram
		I	Elected Members
		i	Teacher of the University
91.	1	1	Dr. S. Nazeeb Assistant Professor, School of Distance Education, University of Kerala

		ii	Teacher of a Government College affiliated to the University
92.	2	1	Sri.Jairaj.J Assistant Professor, Physical Education Govt.College,Attingal, Thiruvananthapuram
		iii	One Principal each from the Government Colleges and Aided Colleges affiliated to the University
93.	3	1	Dr.B.Unnikrishnan Nair Principal,Govt.College, Kariavattom, Thiruvananthapuram
94.	4	2	Dr.Mathew.V Principal St.Michael's College, Cherthala,Alappuzha-688539
		iv	Two teacher representatives from the Aided Colleges affiliated to the University
95.	5	1	Dr.M.Vijayan Pillai Associate Professor, Malayalam.NSS College, Nilamel
96.	6	2	R.Arunkumar Associate Professor,Physical Education K.S.M.D.B College,Sasthamcottah
		v	One Student from the University or from the Government or Aided Colleges affiliated to the University
97.	7	1	Mohammed Yaseen S2 M.Com Finanace Sree Narayana Guru College Of Advanced Studies,Cherthala
		Vi	Six Shall be persons who are not teachers, of whom one shall be a person belonging to a SC or ST
98.	8	1	R.Rajesh MLA,Nalloorkulathil Kollakadavu.PO Chenganoor,Alappuzha-690 509
99.	9	2	B.P Murali Member,District Panchayathu, Thiruvananthapuram (Mampazhikathu Veedu,Pullayil.P.O,Kilimanoor,TVPM)
100.	10	3	Viswan Padanilam Member Alappuzha District Panchayath (Noorukodipadeetathil,Padanilam.PO Alappuzha)
101.	11	4	Bjukurumar.G Section Officer(Hr.Gr), Dept of English, University Office, Thiruvananthapuram
102.	12	5	Adv.Muralidharan Pillai.G Kizhakkumbhagathu Koivilla, Koivilla.P.O,Kollam-691590
103.	13	6	Adv.B.Balachandran Parayattukonam,Pirappancode, Venjaramoodu,Thiruvananthapuram-695607
		II	Nominated Members

104.		vii	Six eminent persons working in the education sector of which one shall be a women and one shall be a person belonging to the Scheduled Castes or Scheduled Tribes
105.	14	1	Adv. K. H. Babujan Abhayam, Ramapuram, Keerikadu, Kayamkulam, Alappuzha
106.	15	2	Dr.K.B.Manoj Mukthi,Maru South Alumkadavu.p.o,Karunagapally, Kollam (Principal,Sree Narayana College,Cherthala)
107.	16	3	Adv.A.Ajikumar Kollasseril,Kannampally Bhagam Kayamkulam.P.O,Alappuzha-690502
108.	17	4	Smt.Renju Suresh Puthenvila Veedu,Vakkammukku, Alayamon.p.o,Anchal,Kollam-691 306
109.	18	5	Prof.K.Lalitha TC 18/514-1,PRA 331-B Aramada.P.O,Punnackamughal, Thiruvananthapuram-695032
110.	19	6	DR.Gopchandran.K.G Prof & Head Department of Optoelectronics, Kerala University Thiruvananthapuram
	24 (3)	(l)	Five Members (other than Deans of Faculties) of whom atleast one shall be a Principal of a Government Professional College elected by the Principals of Professional Colleges from among themselves;
		1- 5	Vacant
	24 (3)	(m)	Seven Members (other than Deans of Faculties) of whom atleast one shall be a Principal of a Government College elected by the Principals of first grade Colleges, other than Colleges of Oriental Languages, from among themselves.
111.		1	Dr. L. Thulaseedharan The Principal, S.N.College, Sivagiri, Thiruvananthapuram 695145
112.		2	Dr. Latheesh D. The Principal, Devaswom Board College, Sasthamcottah - 690 521.
		3	Vacant
		4	Vacant
		5-7	Vacant
	24 (3)	(n)	Two Members (other than deans of Faculties) elected by the Principals of Junior Colleges from among themselves.
			Vacant
	24 (3)	(o)	One Principal of a College of Oriental Languages, not being a Dean of Faculty, nominated by the Chancellor by rotation according to seniority;
			Vacant



	24 (3)	(p)	One Member each of every subject of study (not being a Dean of Faculty or head of a University Department or Principal) elected by the teachers of that subject from among themselves;	
113.		1	Sri. Abhayan G. S. Assistant Professor, Department of Archaeology, University of Kerala, Kariavattom, Thiruvananthapuram.	Archeology
114.		2	Dr. Pramod Kiran R. B. Assistant Professor, Department of Aquatic Biology & Fisheries, University of Kerala, Kariavattom, Thiruvananthapuram	Aquatic Biology and Fisheries
115.		3	Smt. Maggie J. Assistant Professor, Dept. of Communication & Journalism, University of Kerala, Kariavattom, Thiruvananthapuram.	Communication and Journalism
116.		4	Dr. Anil Chandran S. Assistant Professor, Department of Demography, University of Kerala.	Demography
117.		5	Dr. S. Rani Associate Professor, Sree Narayana Training College, Nedunganda, Thiruvananthapuram.	Education
118.		6	Sri. Suresh S. Associate Professor, Sree Ayyappa College, Thiruvananthapuram.	Electronics
		7	Vacant	Future studies
119.		8	Dr. N. Vipinchandran Associate Professor, Dept. of French Mar Ivanios College, Thiruvananthapuram.	French and Latin
120.		9	Fr. George Mathew Assistant Professor, St. Stephen's College, Pathanapuram.	Hebrew and Syriac
121.		10	Dr. N. Shaji Assistant Professor, Department of Hindi, SN College, Kollam	Hindi
122.		11	Dr. S. Prema Assistant Professor, Dept. of Linguistics, University of Kerala, Kariavattom.	Linguistics
123.		12	Sri. Jino Nainan Assistant Professor, Department of Mathematics, St. Gregorios College, Kottarakkara.	Mathematics
124.		13	Dr. S. K. Subhash Assistant Professor, S.N College for Women, Kollam.	Microbiology
125.		14	Sri. Sunil V.T. Assistant Professor, Sri Swathi Thirunal Govt. Music College, Thiruvananthapuram.	Music
126.		15	Dr. K. G. Gopchandran Associate Professor Department of Optoelectronics, University of Kerala (included as HoD, Optoelectronics)	Optoelectronics

127.		16	Dr. Lekshmi R. Assistant Professor, Govt. College for Women, Thiruvananthapuram.	Philosophy
128.		17	Dr. Sunil John Associate Professor, G.P.M Govt.College, Manjeswaram, Kasargod-671323	Sociology
129.		18	Dr. Muhammed Thaha A. Assistant Professor, Department of Arabic MSM College, Kayamkulam	Arabic
130.		19	Dr. K. G. Padmakumaran Nair HOD/Associate Professor, Department of Bio-Chemistry, NSS College, Pandalam	Bio-Chemistry
131.		20	Smt. Jairani P. S. Assistant Professor, Department of Bio-Technology, Govt. College, Kariavattom.	Bio-Technology
132.		21	Dr. S. Anilkumar Associate Professor, Department of Botany, Sree Narayana College, Chempazhanthy, Thiruvananthapuram.	Botany
133.		22	Dr. P. K. Sreekumar Associate Professor, Department of Chemistry, NSS College, Pandalam.	Chemistry
134.		23	Dr. V. S. Joy Principal Govt Arts & Science College Thollanoore, Palakkadu	Commerce
135.		24	Dr. Gladston Raj S. Assistant Professor Department of Computer Science, Government College, Nedumangad.	Computer Science
136.		25	Dr. Abin T. Mathews Assistant Professor, Department of Economics, Government Arts College, Thiruvananthapuram.	Economics
137.		26	Sri. R. Indulal Associate Professor, Department of English, Sanatana Dharma College, Alappuzha.	English
138.		27	Dr. Jude Immanuel Assistant Professor, St. John's College, Anchal.	Environmental Science
139.		28	Dr. E. Shaji Assistant Professor, Dept. of Geology, University of Kerala, Kariavattom.	Geology
140.		29	Dr. K. Mani Principal Govt Arts & Science College Kozhinjampara, Nattukal P.O Palakkad-678554	Geography

141.		30	Smt. Aswathy Sugunan Assistant Professor, Sree Narayana College for Women, Kollam.	Home Science
142.		31	Dr. Venumohan S. Assistant Professor, SDE, University of Kerala.	History
143.		32	Sri. A. P. Alavi Bin Mohamed Bin Ahamed Associate Professor, Department of Islamic History, Govt College, Malappuram	Islamic Studies
144.		33	Sri. Safi Mohan M. R. Assistant Professor, Govt. Law College, Thiruvananthapuram.	Law
145.		34	Dr. R. Sunilkumar Associate Professor Department of Malayalam, Sree Narayana College, Kollam.	Malayalam
146.		35	Dr. Prakash Pillai R. Assistant Professor, Loyola College of Social Sciences, F Thiruvananthapuram.	Management Studies
147.		36	Dr. Bijukumar K. Associate Professor, VTMNSS College Dhanuvachapuram, Thiruvananthapuram.	Physical Edu- cation
148.		37	Dr. V. Gopakumar Principal, Govt. Arts & Science College Ambalapuzha, Alappuzha	Physics
149.		38	Sri. Pradeep Kumar K. Assistant Professor, Department of Political Science, Govt. College, Attingal.	Political Sci- ence
150.		39	Sri. Shiju Joseph Assistant Professor, Department of Psychology, Govt. College for Women, Thiruvananthapuram.	Psychology
151.		40	Dr. K. Santhosh Associate Professor, Devaswom Board College, Sasthamcotta.	Sanskrit
152.		41	Sri. M. Somasekharan Pillai Associate Professor, Department of Statistics, University College, Thiruvananthapuram.	Statistics
153.		42	Smt. Baby Shakeela C. Assistant Professor, University College, Thiruvananthapuram.	Tamil
154.		43	Sri. Balamurali R. S. Assistant Professor, Department of Zoology, Mahatma Gandhi College, Thiruvananthapuram.	Zoology
	24 (3)	(q)	One Headmaster and one teacher of Secondary School in the University area nominated by the Chancellor;	
			Vacant	
	24 (3)	(r)	One Member representing each faculty, elected by the full-time post graduate students of the faculty from among themselves;	

## DEANS OF FACULTIES

Sl.No.	Name and Address	Faculty Name
1.	Dr. Jaya D. S Professor, Department of Environmental Sciences, University of Kerala Mob: 9895822161 Mail: jayvijayds@gmail.com	Applied Sciences and Technology
2.	Dr. B. S. Jamuna Professor and Head, Institute of English University of Kerala. Mob: 9497621662 Mail: jamunachand@gmail.com	Arts
3.	Dr. S Resia Beegum Professor, Department of Commerce University of Kerala. Mob: 8547292598 Mail: srbeegam@gmail.com	Commerce
4.	Dr. Anita Balan Principal, Government Dental College Thiruvananthapuram. Mob: 9447800944 Mail: anitabalan4@yahoo.co.in	Dentistry
5.	Dr. Bindu R L Associate Professor & Head Department of Education University of Kerala. Mob: 9947323222 email: binduindraneelam@gmail.com	Education
6.	Dr S. Anil Lal Professor Department of Mechanical Engineering College of Engineering, Trivandrum Mobile:9447007935 Email: anillal65@gmail.com	Engineering & Technology
7.	Dr Sobha B Nair Associate Professor, Government College for Women, Thiruvananthapuram Mob: 8157098086 Mail: sobhabnair@gmail.com	Fine Arts
8.	Dr. K. C. Sunny Vice-Chancellor National University of Advanced Legal Studies NUALS Campus HMT Colony p. O, Kalamassery Ernakulam-683503 Mob: 9446705416 Mail: sunnydr2003@gmail.com	Law
9.	Dr. K. S. Chandrasekhar Professor Institute of Management in Kerala University of Kerala. Mob: 9447268840 Mail: kscnair@gmail.com	Management Studies
10.	Dr. R. Jayachandran Professor and Head Department of Hindi University of Kerala. Mob : 9400472375 Mail : drrjayachandran@gmail.com	Oriental Studies

11.	Dr. A Gangaprasad Professor Department of Botany University of Kerala. Mob: 9447552783 Mail: agangaprasad@yahoo.com	Science
12	Dr R Sree Kumar Professor & Head Govt Ayurveda College Thiruvananthapuram Mob: 9447318112 Mail: drrsreekumar@yahoo.com	Faculty of Ayurveda & Siddha
13.	Dr. Jemini M Professor Department of Practice of Medicine Government Homoeopathic Medical College, Thiruvananthapuram. Email:dr.mjemini@gmail.com	Faculty of Homeopathy
14.	Dr. P.A Mohammed Kunju Professor and Head Department of Pediatric Neurology Government Medical College Thiruvananthapuram. Mob:9447246333 Email:drpamkunju@gmail.com	Faculty of Medicine
15.	Dr. Usha Sujit Nair Associate Professor Lakshmibai National College of Physical Education Kariavattom P O, Thiruvananthapuram Email: ushasujit0@gmail.com	Faculty of Physical Education
16.	Dr. Shaji Varkey Associate Professor, Department of Political Science University of Kerala Kariavattom, Thiruvananthapuram shaji.varkey@gmail.com	Faculty of Social Sciences

## MEMBERS OF FACULTIES

### Faculty of Applied Sciences and Technology

- Dean, Faculty of Applied Sciences and Technology
- Chairman, Board of Studies in Biotechnology (Pass)
- Chairman, Board of Studies in Biotechnology (PG)
- Chairman, Board of Studies in Computer Science (Pass)
- Chairman, Board of Studies in Computer Science (PG)
- Chairman, Board of Studies in Electronics
- Chairman, Board of Studies in Environmental Science
- Chairman, Board of Studies in Futures Studies
- Chairman, Board of Studies in Nano Science & Nano Technology
- Chairman, Board of Studies in Opto- Electronics
- Chairman, Board of Studies in Applied Health Sciences

- Chairman, Board of Studies in Computational Biology and Bioinformatics

### Nominated Members

- Dr. K. G. Gopchandran, Associate Professor, Department of Optoelectronics, University of Kerala, Mob: 8129914751, Email: kggopchandran@gmail.com
- Dr. V. Salom Gnana Thanga, Associate Professor, Department of Environmental Sciences, University of Kerala, Mob; 9447220009, Email: sgthangavincent@gmail.com
- Dr. Aji S., Assistant Professor & Head, Dept. of Computer Science, University of Kerala
- Dr. Vinod Chandra S. S., Director, Kerala University Computer Centre, University of Kerala, Palayam, Email: kucc@keralauniversity.ac.in

### Faculty of Arts

- Dean, Faculty of Arts
- Chairman, Board of Studies in English (Pass)

- Chairman, Board of Studies in English (PG)
- Chairman, Board of Studies in German
- Chairman, Board of Studies in French & Latin
- Chairman, Board of Studies in Journalism
- Chairman, Board of Studies in Library & Information Science
- Chairman, Board of Studies in Philosophy (Pass)
- Chairman, Board of Studies in Philosophy (PG)
- Chairman, Board of Studies in Russian

#### **Nominated Members**

- Dr. B. S. Jamuna, Professor, Department of English, University of Kerala, Mob: 9497621662, Email: jamunachand@gmail.com
- Dr. B. Hariharan, Professor, Department of English, University of Kerala, Mob: 9446203008, Email: harirang@gmail.com
- Sri. P. V. Yaseen, Associate Professor, Department of Journalism, University of Kerala, Mob: 9447049786, Email: yaseenpv@gmail.com
- Dr. Meena T. Pillai, Associate Professor, Department of English, University of Kerala, Mob: 9495919749, Email: meenatpillai@gmail.com

#### **Faculty of Ayurveda & Siddha**

- Dean, Faculty of Ayurveda and Siddha
- Chairman, Board of Studies in Ayurveda (Pass)
- Chairman, Board of Studies in Ayurveda (PG)
- Chairman, Board of Studies in Siddha and Surgery

#### **Nominated Members**

- Dr. Najuma P. B., Professor and Head, Department of Swasthavrittha, Government Ayurveda College, Thiruvananthapuram, Mob: 9446359630
- Dr. Rajam R., Professor and Head, Department of R&B, Government Ayurveda College, Thiruvananthapuram
- Dr. Abdul Salam A., Professor and Head, Department of Salakyathantra, Government Ayurveda College, Thiruvananthapuram, Mobile 9447657644 Email - salamsalakya@gmail.com
- Dr. Ajith Kumar K.N., Professor and Head, Department of Roganidana, Government Ayurveda College, Thiruvananthapuram, Mob: 09447065067

#### **Faculty of Commerce**

- Dean, Faculty of Commerce
- Chairman, Board of Studies in Commerce (Pass)
- Chairman, Board of Studies in Commerce (PG)

#### **Nominated Members**

- Dr. S. Rasia Beegam, Professor & Head, Department of Commerce, University of Kerala, Kariavattom, Mob: 8547292598, Email: srbeegam@gmail.com
- Dr. G. Raju, Professor, Department of Commerce, University of Kerala, Kariavattom, Mob: 9496254542, Email: rajmukal@yahoo.co.uk

#### **Faculty of Dentistry**

- Dean, Faculty of Dentistry
- Chairman, Board of Studies in Dentistry (Pass)
- Chairman, Board of Studies in Dentistry (PG)

#### **Nominated Members**

- Dr. N. Retnakumary, Principal, Government Dental College, Thiruvananthapuram
- Dr. Heera. R., Professor & Head, Department of Oral Pathology, Government Dental College, Kottayam
- Dr. Rita Zalina, Professor and Head, Department of Pedodontics, Government Dental College, Kottayam
- Dr. Harshakumar. K., Professor & Head, Department of Prosthodontics, Government Dental College, Thiruvananthapuram
- Dr. George Skariah. P., Associate Professor, Department of Oral and Maxillofacial Surgery, Government Dental College, Thiruvananthapuram

#### **Faculty of Law**

- Dean, Faculty of Law
- Chairman, Board of Studies in Law (PG)
- Chairman, Board of Studies in Law (Pass)

#### **Nominated Members**

- Dr. K. R. Reghunath, Principal, Govt. Law College, Ernakulam.
- Dr. P. C. John, Associate Professor, Govt. Law College, Thiruvananthapuram
- A. Suhruth Kumar, Associate Professor, Govt. Law College, Thiruvananthapuram
- Dr. Bismi Gopalakrishnan, Director, School of Legal Thoughts, M.G. University, Kottayam, Mob: 9446427447, Email: bismi.gopal@gmail.com

#### **Faculty of Management Studies**

- Dean, Faculty of Management Studies
- Chairman, Board of Studies in Management Studies (PG)
- Chairman, Board of Studies in Management Studies (Pass)

#### **Nominated Members**

- Dr. V. Ajit Prabhu, Joint Director & Scientist 'F', Kerala State Council for Science, Technology & Environment (KSCSTE), Thiruvananthapuram-695 004 Mob: 9446848086, Email: drajitprabhu@gmail.com
- Dr. E. Sulaiman, Associate Professor, School of Management and Business Studies, Mahatma Gandhi University, Kottayam - 686 560 Mob: 9446173667 Email: sulaim25@yahoo.co.in
- Dr. Anilkumar T. R., Associate Professor, Dept of Commerce, SD College, Alappuzha
- Dr. George Thomas, Associate Professor, Department of Commerce, St. John's College, Anchal

### **Faculty of Physical Education**

- Dean, Faculty of Physical Education
- Chairman, Board of Studies in Physical Education

### **Nominated Members**

- Dr. P. Sunil Kumar, Associate Professor(Rtd.), Department of Physical Education, S.D College Alappuzha
- Dr. K. Jayakumar, Associate Professor, Department of Physical Education, NSS College, Pandalam
- Dr. Rosenickx, Assistant Professor of Physical Education, Govt. College for Women, Thiruvananthapuram
- Dr. P. A Remesh Kumar, Associate Professor, Dept. of Physical Education, VTM NSS College, Dhanuvachapuram

### **Faculty of Science**

- Dean, Faculty of Science
- Chairman, Board of Studies in Aquatic Biology & Fisheries
- Chairman, Board of Studies in Bio-chemistry
- Chairman, Board of Studies in Botany (Pass)
- Chairman, Board of Studies in Botany (PG)
- Chairman, Board of Studies in Chemistry (Pass)
- Chairman, Board of Studies in Chemistry (PG)
- Chairman, Board of Studies in Demography
- Chairman, Board of Studies in Geology (Pass)
- Chairman, Board of Studies in Geology (PG)
- Chairman, Board of Studies in Geography
- Chairman, Board of Studies in Home Science (Pass)
- Chairman, Board of Studies in Home Science (PG)
- Chairman, Board of Studies in Mathematics (Pass)
- Chairman, Board of Studies in Mathematics (PG)
- Chairman, Board of Studies in Microbiology
- Chairman, Board of Studies in Physics (Pass)
- Chairman, Board of Studies in Physics (PG)
- Chairman, Board of Studies in Polymer Chemistry
- Chairman, Board of Studies in Statistics (Pass)
- Chairman, Board of Studies in Statistics (PG)
- Chairman, Board of Studies in Zoology (Pass)
- Chairman, Board of Studies in Zoology (PG)
- Chairman, Board of Studies in Psychology(Pass)
- Chairman, Board of Studies in Psychology (PG)
- Chairman, Board of Studies in Health Science
- Chairman, Board of Studies in Integrative Biology

### **Nominated Members**

- Dr. Ashalatha S.Nair., Professor, Department of Botany, University of Kerala, Mob:9567430984, Email:ashabot2010@gmail.com
- Dr. A. P. Pradeep Kumar., Associate Professor & Head, Department of Geology, University of Kerala
- Dr. Suhara Beevy S., Associate Professor & Head, Department of Botany, University of Kerala
- Dr. R. B. Binoj Kumar., Associate Professor, Department of Geology, University of Kerala

### **Faculty of Fine Arts**

- Dean, Faculty of Science
- Chairman, Board of Studies in Music (PG)
- Chairman, Board of Studies in Music (Pass)
- Chairman, Board of Studies in Applied Arts
- Chairman, Board of Studies in Performing and Visual Art

### **Nominated Members**

- Prof. Harikrishnan.R, Associate Professor & Head, Department of Violin, Sree Swathi Thirunal College of Music, Thiruvananthapuram., Mob : 9895556655
- Prof. K. S.Sreekumar., Principal, Sree Swathi Thirunal College of Music, Thiruvananthapuram. Mob:9447134364
- Prof. A.S. Sajith., Principal, College of Fine Arts, Thiruvananthapuram., Mob: 9446554930
- Prof. Tensing Joseph., Principal, Raja Ravi Varma College of Fine Arts, Mavelikkara Mob: 9446019494

### **Faculty of Homoeopathy**

- Dean, Faculty of Homoeopathy
- Chairman, Board of Studies in Homoeopathy (PG)
- Chairman, Board of Studies in Homoeopathy (Pass)

### **Nominated Members**

- Dr. K.Betty, Professor, Department of Community Medicine, Government Homeopathic Medical College, Kozhikkode.
- Dr. C Sundaresan, Professor, Department of Physiology, Government Homoeopathic Medical College, Thiruvananthapuram.
- Dr. Sheela. A. S, Professor, Dept. of Community Medicine, Government Homoeopathic Medical College, Thiruvananthapuram.
- Dr. K. Chitra, Professor, Department of Forensic Medicine, Government Homoeopathic Medical College, Thiruvananthapuram.

### **Faculty of Social Sciences**

- Dean, Faculty of Social Science
- Chairman, Board of Studies in Archaeology
- Chairman, Board of Studies in Economics (PG)
- Chairman, Board of Studies in Economics (Pass)
- Chairman, Board of Studies in History (PG)
- Chairman, Board of Studies in History (Pass)
- Chairman, Board of Studies in Islamic Studies
- Chairman, Board of Studies in Political Science (PG)
- Chairman, Board of Studies in Political Science (Pass)
- Chairman, Board of Studies in Sociology (PG)
- Chairman, Board of Studies in Sociology (Pass)
- Chairman, Board of Studies in Social Work
- Chairman, Board of Studies in Public Administration

### **Nominated Members**

- Dr.Suresh R., Associate Professor, Dept of Political Science, University of Kerala Mob : 9447586485
- Dr. Abdul Salim A., Professor & Head, Dept of Economics, University of Kerala Mob : 94464761871
- Dr. V. Sathish, Associate Professor & Head, Dept. of History, University of Kerala Mob : 9446533386
- Dr.Rejula P K, Associate Professor, Department of Sociology, Government College, Kanjiramkulam Mob : 9736022330

### **Faculty of Education**

- Dean, Faculty of Education
- Chairman, Board of Studies in Education (PG)
- Chairman, Board of Studies in Education (Pass)

### **Nominated Members**

- Dr. Bindu R. L, Associate Professor & Head, Department of Education, University of Kerala, Thycaud, Thiruvananthapuram. Mob: 9947323222, email: binduindraneelam@gmail.com
- Dr. Jibby George, Principal, Peet Memorial Training College, Mavelikkara, Alappuzha
- Dr. K. Y. Benedict, Principal, Mar Theophilus Training College, Nalanchira, Thiruvananthapuram.
- Dr. Asha J. V., Professor, School of Pedagogical Sciences, M. G. University, Kottayam Mob : 9447043489, email: ashajv3@gmail.com

### **Faculty of Engineering**

- Dean, Faculty of Engineering and Technology
- Chairman, Board of Studies in Engineering (Pass – I)
- Chairman, Board of Studies in Engineering (Pass – II)
- Chairman, Board of Studies in Engineering (Pass – III)
- Chairman, Board of Studies in Engineering (PG)

### **Nominated Members**

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- Dr. S. Ushakumari, Professor, Department of Electrical & Electronics Engineering, College

of Engineering Thiruvananthapuram, Mob: 9447477655, E.mail:ushalal2002@yahoo.com

- Dr. K. Gopakumar, Professor, Department of Electronics & Communication Engineering T.K.M College of Engineering, Kollam Mob: 9544510625, E-mail: gopan10dec@gmail.com
- Sri. Shafi.K. A., Professor, Department of Mechanical Engineering, T.K.M College of Engineering, Kollam Mob: 9447462274, E.mail: shafika.tkm@gmail.com
- Dr. Sunil Edward, Professor, Department of Architecture College of Engineering, Thiruvananthapuram, Mob: 9447533202
- Prof. Balu John, Professor, Department of Information Technology, Government Engineering College, Barton Hill, Thiruvananthapuram, Mob: 9895259420, E.mail: balujohn@gmail.com

### **Faculty of Oriental Studies**

- Dean, Faculty of Oriental Studies
- Chairman, Board of Studies in Arabic (PG)
- Chairman, Board of Studies in Arabic (Pass)
- Chairman, Board of Studies in Hebrew & Syriac
- Chairman, Board of Studies in Hindi (PG)
- Chairman, Board of Studies in Hindi (Pass)
- Chairman, Board of Studies in Linguistics
- Chairman, Board of Studies in Malayalam (PG)
- Chairman, Board of Studies in Malayalam (Pass)
- Chairman, Board of Studies in Sanskrit (PG)
- Chairman, Board of Studies in Sanskrit (Pass)
- Chairman, Board of Studies in Tamil (PG)
- Chairman, Board of Studies in Tamil (Pass)

### **Nominated Members**

- Dr. C. R.Prasad, Professor, Dept of Malayalam, University of Kerala Mob:9447552876, E.mail: drcrprasad1@gmail.com
- Sri. N. C.Haridasan, Associate Professor, Dept of Malayalam, University of Kerala Mob: 9446704226, .mail: ncharidas@gmail.com
- 16. Dr. S. Rajendran, Associate Professor, Department of Tamil, University College, Thiruvananthapuram Mob: 9446506138, Email: drsr319@gmail.com
- 17. Prof. A.Girija, Professor, Department of Vyakarna, Sree Sankaracharya University of Sanskrit, Kalady



## CHAIRPERSONS : BOARDS OF STUDIES

Sl no	Name of the Boards of Studies	Name and details of Chairpersons
1.	ENGLISH (UG)	Dr. Suja Kurup P. L Associate Professor Istitute of English University of Kerala.
2.	ENGLISH (PG)	Dr. B. S. Jamuna Head of Department Institute. of English University of Kerala. Mob : 9497621662 Mail : jamunachand@gmail.com.
3.	GERMAN	Dr. Sreekanthan. S Associate Professor (Rtd) Department of German University of Kerala. (TC 16/918(15),Vighneshwaram, PGRA 23, Jag- athy, Tvpm-14) Mob : 9846132428 Mail : sreekanthans@yahoo.com.
4.	FRENCH & LATIN	Dr. N. Vipin Chandran Associate Professor & Head Dept. of French Mar Ivanios College, Tvpm. Mob : 8606004555 Mail : vipinchandran27@hotmail.com.
5.	JOURNALISM	Dr. M S Harikumar Assistant Professor Department of Communication & Journalism University of Kerala
6.	LIBRARY & INFORMATION SCIENCE	Dr. B Mini Devi Assistant Professor Department of Library & Information Science- sUniversity of Kerala.
7.	Philosophy (UG)	Dr. P K Sasidharan Associate Professor Dept. of Philosophy Sree Sankara University of Sanskrit.
8.	Philosophy (PG)	Dr.Beena Issac Associate Professor and Head Department of Philosophy University of Kerala. Mob : 9447586802 Mail : drbeenaisaac@yahoo.in.
9.	RUSSIAN	Dr. Krishnakumar R. S Assistant Professor & Head Dept. of Russian University of Kerala. Mob : 9497270802 Mail : kkmeerkk@gmail.com
10.	BIO-TECHNOLOGY (UG)	Dr. G. Nagendra Prabhu Assistant Professor Department of Zoology S D College, Alappuzha. Mob : 9495017901 Mail : nagendra.prabhu@gmail.com.

Sl no	Name of the Boards of Studies	Name and details of Chairpersons
11.	BIO-TECHNOLOGY (PG)	Dr. Jayakumaran Nair A. Assistant Professor and Head Department of Biotechnology University of Kerala. Mob : 9447059164 Mail : jekksnair@gmail.com.
12.	COMPUTER SCIENCE (UG)	Dr.Gladston Raj Associate Professor Department of Computer Science Government College,Nedumangad. Mob : 9447388887 Mail : gladston@rediffmail.com.
13.	COMPUTER SCIENCE (PG)	Dr. Aji S. Assistant Professor and Head Dept of Computer Science University of Kerala. Mob : 9895474042 Mail : aji_123452yahoo.com.
14.	ELECTRONICS	Dr. S. Sankararaman Reader Department of Optoelectronics University of Kerala. Mob : 9447421844 Mail : drssraman@gmail.com.
15.	ENVIRONMENTAL SCIENCES	Dr.Sabu Joseph Associate Professor and Head Department of Environmental Sciences University of Kerala. Mob : 9447453063 Mail : jsabu2000@gmail.com.
16.	FUTURES STUDIES	Dr. Manoj Changat Professor and Head Dept of Future Studies University of Kerala. Mob : 9446967394 Mail : mchangat@gmail.com.
17.	NANOSCIENCE & NANO TECHNOLOGY	Dr. S. Sankararaman Reader Department of Optoelectronics University of Kerala. Mob : 9447421844 Mail : drssraman@gmail.com.
18.	OPTOELECTRONICS	Dr.K G Gopchandran Professor Dept of Optoelectronics University of Kerala.
19.	APPLIED HEALTH SCIENCES	Vacant
20.	COMPUTATIONAL BIOLOGY AND BIO INFORMATICS	Dr.Achuthsankar.S.Nair Professor and Head(i/c), Dept of Computational Biology and Bioinformat-ics University of Kerala. Mob : 9446928759 Mail : sankar.achuth@gmail.com.
21.	AYURVEDA (UG)	Vacant
22.	AYURVEDA (PG)	Vacant
23.	SIDDHA MEDICINE AND SURGERY	Dr.R.Devarajan Principal Santhigiri Siddha Medical College Santhigiri P.O, Tvpm. Mob : 9496566864 Mail : devarajansiddha@gmail.com.

Sl no	Name of the Boards of Studies	Name and details of Chairpersons
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25.	COMMERCE (PG)	Dr. S. Rasia Beegum Professor and Head Dept. of Commerce University of Kerala. Mob : 8547292598 Mail : srbeegam@gmail.com.
26.	DENTISTRY (UG)	Dr.Koshi Philip Associate Professor and Head Dept of Orthodontics Govt Dental College,Tvpm. Mob : 9447078335 Mail : drkoshimobilip@gmail.com.
27.	EDUCATION (UG)	Dr. Geetha Janet Vitus Associate Professor Department of Education University of Kerala
28.	EDUCATION (PG)	Dr. Bindu RL Associate Professor Department of Education University of Kerala
29.	ENGINEERING (UG I )	Dr. Anitha Joseph Professor and Head Dept. of Civil Engineering TKM College of Engg., Kollam. Mob : 9847427649 Mail : anithareebu@yahoo.co.uk.
30.	ENGINEERING (UG II )	Dr. A. Samson Professor Dept. of Mechanical Engineering College of Engineering, Thiruvananthapuram. Mob : 9447324844 Mail : asamson@cet.ac.in.
31.	ENGINEERING (UG III )	Dr. Jiji C V Professor and Head Dept. of Electronics and Communication College of Engineering, Thiruvananthapuram. Mob : 9497679489 Mail : jijicv@gmail.com.
32.	ENGINEERING (PG)	Dr. Dinesh Pai A. Professor and Head Dept. of Electrical and Electronics Govt. Engineering College, Thiruvananthapuram. Mob : 9446101858 Mail : adpai@yahoo.com.
33.	MUSIC (UG)	Dr.B.Arundhathi Associate Professor(Rtd) Department of Music, Sree Narayana College for Women, Kollam. Mob : 9447065495 Mail : arundhathisinger@gmail.com.

Sl no	Name of the Boards of Studies	Name and details of Chairpersons
34.	MUSIC (PG)	Dr. Anuradha V. K. Associate Professor and Head Dept. of Music Govt. College for Women, Tvpm. Mob : 9447027136 Mail : dranuradhavk@gmail.com.
35.	APPLIED ARTS	Prof.K.C.Chitrabhanu Hon. Director Raja Ravi Varma Centre of Excellence for Visual Arts, Mavelikara. Mob : 9447049946 Mail : ravivarmacentex@gmail.com.
36.	PERFORMING AND VISUAL ARTS	Dr. C. R. Prasad Professor Department of Malayalam University of Kerala. Mob : 9447552876 Mail : drcrprasad1@gmail.com.
37.	HOMEOPATHY (UG)	Dr.Tessymole Mathew Dept of Surgery Govt Homeopathic Medical College, Tvpm.
38.	HOMEOPATHY (PG)	Dr.Jose Issac Professor Dept of Organon Govt Homeopathic Medical College, Tvpm.
39.	LAW (UG)	Dr. R. Biju Kumar Principal Govt. Law College, Thiruvananthapuram. Mob : 9447657215 Mail : principalglctvpm@gmail.com.
40.	LAW (PG)	Dr. Bismi Gopalakrishnan Reader and Head Department of Law University of Kerala. Mob : 9447268840 Mail : bismi.gopal@gmail.com.
41.	BUSINESS MANAGEMENT (UG)	Dr. K.S. Chandrasekhar Professor and Head Institute of Management in Kerala University of Kerala. Mob : 9447268840 Mail : kscnair@gmail.com.
42.	BUSINESS MANAGEMENT (PG)	Dr. K.S. Chandrasekhar Professor and Head Institute of Management in Kerala University of Kerala. Mob : 9447268840 Mail : kscnair@gmail.com.
43.	MEDICINE (UG)	Vacant
44.	MEDICINE (PG)	Vacant
45.	NURSING (UG)	Smt. Suseela P Professor Govt. College of Nursing, Thiruvananthapuram. Mob : 9656372227 Mail : suseelap11@gmail.com.
46.	BACHELOR OF AUDIOLOGY, SPEECH, LANGUAGE, PATHOLOGY(BASLP)	Dr. S. Jayaprabha Additional Professor Department of ENT Medical College, Thiruvananthapuram.
47.	PHARMACEUTICAL SCIENCES	Vacant

Sl no	Name of the Boards of Studies	Name and details of Chairpersons
48.	MEDICAL LABORATORY TECHNOLOGY (MLT)	Sri.Prakasan.G Associate Professor Dept of Medical Lab Technology Govt Medical College, Tvpm. Mob : 9447452718 Mail : lalyprakash1@gmail.com.
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50.	ARABIC (PG)	Dr.Thajudeen A. S Assistant Professor & Head Department of Arabic University of Kerala. Mob : 9446827141 Mail : thajudeenmannani@gmail.com.
51.	HEBREW & SYRIAC	Rev.Fr. Dr.James Stephen Olikal Principal St.Johns College, Anchal. Mob : 9447462215 Mail : olikalfr@gmail.com, principal@stjohns.ac.in.
52.	HINDI (UG)	Dr. R. I. Santhi Associate Professor and Head Dept. of Hindi Govt. College for Women, Tvpm. Mob : 9447351070 Mail : santhibabukumar1989@gmail.com.
53.	HINDI (PG)	Dr. Jayachandran R. Associate Professor and Registrar (i/c) Dept. of Hindi University of Kerala, Tvpm. Mob : 9400472375 Mail : drrjayachandran@gmail.com.
54.	LINGUISTICS	Dr. S. Kunjamma Associate Professor & Head Department of Linguistics University of Kerala. Mob : 9400514982 Mail : drskunjamma@yahoo.co.in.
55.	MALAYALAM (UG)	Dr. Ajayapuram Jyothishkumar Associate Professor Dept. of Malayalam MG College, Tvpm Mob : 9447502337 Mail : jk.urvara@gmail.com.
56.	MALAYALAM (PG)	Dr. B. V. Sasikumar Associate Professor and Head Dept. of Malayalam University of Kerala, Tvpm. Mob : 9446443434 Mail : bvsasikumar@rediffmail.com.
57.	SANSKRIT (UG)	Dr. K. V Thara Associate Professor Department of Sanskrit SN College, Kollam. Mob : 9387805332 Mail : drthararajendran@gmail.com.

Sl no	Name of the Boards of Studies	Name and details of Chairpersons
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59.	TAMIL (UG)	Dr. C. Baby Shakeela Assistant Professor Department of Tamil University College, Tvpm. Mob : 9496734166 Mail : babyshakeela166@gmail.com.
60.	TAMIL (PG)	Dr. P. Jeyakrishnan Assistant Professor Department of Tamil University of Kerala. Mob : 9447222571 Mail : pjktamil@gmail.com
61.	PHYSICAL EDUCATION	Dr. Jayarajan David Director (i/c), Department of Physical Education, University of Kerala.
62.	AQUATIC BIOLOGY & FISHERIES	Dr. A. Bijukumar Associate Professor & Head Dept. of Aquatic Biology and Fisheries University of Kerala. Mob : 9447216157 Mail : bijupuzhayoram@gmail.com.
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Sl no	Name of the Boards of Studies	Name and details of Chairpersons
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71.	GEOGRAPHY	Smt. Bindu Somanathan Associate Professor Dept. of Geogramoby University College, Tvpm. Mob : 9446419756 Mail : bindugeo16@gmail.com.
72.	HEALTH SCIENCE	Vacant
73.	HOME SCIENCE (UG)	Dr. S. Selsa Assistant Professor Department of Home Science SN College for Women, Kollam. Mob : 9895544016 Mail : selsadeepu@gmail.com.
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75.	MATHEMATICS (UG)	Dr. G. Suresh Singh Head of Department Dept. of Mathematics University of Kerala. Mob : 9447471455 Mail : sureshsinghg@yahoo.co.in.
76.	MATHEMATICS (PG)	Dr. G. Suresh Singh Head of Department Dept. of Mathematics University of Kerala. Mob : 9447471455 Mail : sureshsinghg@yahoo.co.in.
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78.	PHYSICS (UG)	Dr. V. Gopakumar Associate Professor and Head Dept. of Physics Govt. College for Women, Tvpm. Mob : 9446331681 Mail : vgk.003@gmail.com.
79.	PHYSICS (PG)	Dr. Subodh G. Head of Department Dept. of Physics University of Kerala. Mob : 9633983404 Mail : gsubodh@gmail.com.

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81.	STATISTICS (UG)	Smt. S. H. S. Dharmaja Associate Professor and Head Dept. of Statistics Govt. College for Women, Tvpm. Mob : 9895816334 Mail : shs_dharmaja@yahoo.com.
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86.	PSYCHOLOGY (PG)	Dr. Immanuel Thomas Professor and Head Dept. of Psychology University of Kerala. Mob : 9447694452 Mail : immanuelthomas@gmail.com.
87.	ARCHAEOLOGY	Dr. Ajit Kumar Reader Department of Archaeology University of Kerala. Mob : 9446529334 Mail : ajitkumarku@gmail.com.
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Sl no	Name of the Boards of Studies	Name and details of Chairpersons
90.	HISTORY (UG)	Dr. A P Greeshmalatha Associate Professor, Department of History S N College, Chempazhanthy.
91.	HISTORY (PG)	Dr. V. Sathish Head of Department Dept. of History University of Kerala. Mob : 9446533386 Mail : drsathishvasudevan@gmail.com.
92.	ISLAMIC STUDIES	Dr. Ampotti A. K. Assistant Professor and Head Department of Islamic Studies University of Kerala. Mob : 9495231737 Mail : ampottibharanikkavu@gmail.com.
93.	POLITICAL SCIENCE (UG)	Dr. Jitha S. R. Associate Professor and Head Dept. of Political Science SN College, Chempazhanthy. Mob : 94472422972 Mail : srjitha@gmail.com.
94.	POLITICAL SCIENCE (PG)	Dr. Sajad Ibrahim Associate Professor, Department of Political Science University of Kerala
95.	SOCIOLOGY (UG)	Dr. Antony Plackal Associate Professor Department of Sociology University of Kerala
96.	SOCIOLOGY (PG)	Dr. Sobha B. Nair Associate Professor and Head Dept. of Sociology University of Kerala. Mob : 9567225551 Mail : sobhabnair@gmail.com.
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98.	PUBLIC ADMINISTRATION	Dr. Suresh R Associate Professor Department of Political Science University of Kerala. Mob : 9447586458 Mail : sureshrajan1994@yahoo.co.in.
99.	INTEGRATIVE BIOLOGY	Prof. M. C. Subhash Peter Professor Department of Zoology University of Kerala. Mob : 9447044657 Mail : subashpeter@yahoo.com.
100.	DENTISTRY (PG)	vacant
101.	NURSING (PG)	vacant

## UNIVERSITY OF KERALA: FORMER VICE CHANCELLORS

Sir C.P.Ramaswamy Aiyar	01.11.1937	to	12.09.1947
Sir Harold Papworth	13.09.1947	to	31.08.1949
P. R. Parameswara Panikkar	01.09.1949	to	02.01.1950
(Registrar-in-charge of the duties of Vice-Chancellor)			
V. K. Nandan Menon	03.01.1950	to	31.01.1951
P. R. Parameswara Panikkar	01.02.1951	to	14.11.1951
(Registrar-in-charge of the duties of Vice-Chancellor)			
Sir A.Ramaswamy Mudaliar	15.11.1951	to	31.12.1957
Dr. John Mathai	01.01.1958	to	31.10.1959
Dr.C.C.John (Acting VC)	01.11.1959	to	15.01.1960
Dr.K.C.K.E.Raja	16.01.1960	to	15.01.1963
Prof. Samuel Mathai	29.01.1963	to	20.04.1969
V. Narayana Pillai (Acting VC)	30.09.1966	to	16.04.1967
Dr. A.Ayyappan	21.04.1969	to	20.10.1970
Dr. George Jacob	21.10.1970	to	24.01.1973
A. Sreedhara Menon	25.01.1973	to	16.07.1973
(Registrar-in-charge of the current duties of the Vice-Chancellor)			
Dr. V. K.Sukumaran Nayar	03.02.1973	to	16.07.1973
(Member of the Syndicate performing the functions of the Vice-Chancellor as Chairman at meetings of the University Bodies)			
Dr. R. S. Krishnan	17.07.1973	to	16.07.1977
Dr. V. K. Sukumaran Nair	17.07.1977	to	16.07.1981
Dr. A.V. Varghese	20.07.1981	to	17.01.1983
Dr. K. Gopalan	20.01.1983	to	02.08.1983
(Vice-Chancellor, Cochin University of Science & Technology in additional charge)			
P. S. Habeeb Mohammed	03.08.1983	to	02.08.1987
S. Gopalan	04.08.1987	to	05.10.1987
(Commissioner and Secretary to Government Higher Education in additional charge)			
M. S. K. Ramaswamy	06.10.1987	to	14.10.1987
(Commissioner & Secretary to Government Higher Education Dept. in additional charge)			
Dr. G..Balamohanam Thampi	15.10.1987	to	10.10.1991
T. N. Jayachandran (Commissioner & Secretary to Government General Education Dept. in additional charge)	10.10.1991	to	02.02.1992

Dr. D. Babu Paul (Commissioner & Secretary to Government Cultural Affairs Dept. in additional charge)	08.06.1992	to	18.11.1992
Prof. Dr. J. V. Vilanilam	19.11.1992	to	02.02.1996
Prof. M. Saliyu (Pro-Vice-Chancellor in-charge)	02.02.1996	to	21.03.1996 FN
Dr. N. Babu	21.03.1996	to	20.03.2000
Dr. Cyriac Thomas (Pro-Vice-Chancellor in charge)	21.03.2000	to	01.05.2000
Dr. B. Ekbal	02.05.2000	to	01.05.2004
Dr. S. Kevin (Pro-Vice-Chancellor in charge)	02.05.2004	to	18.08.2004
Dr. M. K. Ramachandran Nair	19.08.2004	to	18.08.2008
Dr. Gangan Prathap (Vice-Chancellor, Cochin University of Science & Technology in additional charge)	19.08.2008	to	14.12.2008
Prof. A. Jayakrishnan	15.12.2008	to	14.12.2012
Dr. K. M. Abraham	15.12.2012	to	23-06-2013
Dr. M. Jayaprakash (Director CDC incharge of Vice-Chancellor)	24-06-2013	to	07-07-2013
Dr. K. M. Abraham	08-07-2013	to	10-09-2013
Dr. Veeramanikandan M (Pro-Vice-Chancellor in charge)	10-09-2013	to	31-12-2013
Dr. P. K. Radhakrishnan	01-01-2014	to	23-02-2014
Dr. P. K. Radhakrishnan	24-2-2014	to	23-02-2018
Dr. V. P. Mahadevan Pillai	25-10-2018	to	

## UNIVERSITY OF KERALA: SCHOOL DIRECTORS

- School of Business Management and Legal Studies  
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**Dr. Lalmohan P.**, Assistant Professor, Dept. of Communication and Journalism, University of Kerala
- School of Distance Education  
**Dr. R. Vasanthagopal**, Professor, SDE, University of Kerala.
- School of Earth System Sciences  
**Dr. V. Salom Gnana Thanga**, Professor, Department of Environmental Sciences University of Kerala
- School of English & Foreign Languages  
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- School of Fine Arts  
Vacant
- School of Indian Languages  
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- School of Life Sciences  
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- School of Physical and Mathematical Sciences  
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- School of Social Sciences  
**Dr. A. K. Prasad**, Associate Professor, Department of Economics University of Kerala.
- School of Technology  
**Dr. S. Sankararaman**, Professor, Department of Optoelectronics, University of Kerala.

## UNIVERSITY OF KERALA : DEPARTMENT HEADS

- 1 Department of Commerce  
**Dr. G.Raju**
- 2 Department of Law  
**Dr. Sindhu Thulaseedharan**
- 3 Institute of Management in Kerala  
**Dr. K. S. Chandrasekhar**
- 4 Department of Communication and Journalism  
**Dr. Lal Mohan. P**
- 5 Department of Library and Information Science  
**Dr. B. Mini Devi**
- 6 Department of Geology  
**Dr. R. B. Binoj Kumar**
- 7 Department of Environmental Sciences  
**Dr. Sabu Joseph**
- 8 Department of Arabic  
**Dr. Thajudeen. A. S**
- 9 Institute of English  
**Dr. B S Jamuna**
- 10 Department of German  
**Sri. Sreekumar K N (i/c)**
- 11 Department of Russian  
**Dr. Krishnakumar R. S.**
- 12 Department of Music  
**Dr. Anuradha V. K**
- 13 Department of Linguistics  
**Dr. S. A. Shanavas**
- 14 Department of Hindi  
**Dr. R. Jayachandran**
- 15 Department of Malayalam  
**Dr. S. Shifa**
- 16 Department of Sanskrit  
**Dr. Shaila. C. A**
- 17 Department of Tamil  
**Dr. Hepsy Rose Mary A.**
- 18 Oriental Research Institute and Manuscripts Library  
**Dr. Rejani R. S**
- 19 Department of Aquatic Biology & Fisheries  
**Dr. Bijukumar. A**
- 20 Department of Bio-Chemistry  
**Dr. S. Mini**
- 21 Department of Biotechnology  
**Dr. Jayakumaran Nair. A**
- 22 Department of Botany  
**Dr. Swapna T. S**
- 23 Department of Zoology  
**Dr. G. Prasad**
- 24 Department of Chemistry  
**Dr. Sony George**
- 25 Department of Demography  
**Dr. P. Mohanachandran Nair**
- 26 Department of Mathematics  
**Dr. G. Suresh Singh**
- 27 Department of Physics  
**Dr. Sibi K. S**
- 28 Department of Statistics  
**Dr. C. Satheesh Kumar**
- 29 Department of Archaeology  
**Dr. Ajit Kumar**
- 30 Department of Economics  
**Dr. Anitha. V**
- 31 Department of Education  
**Dr. Bindu R. L.**
- 32 Department of History  
**Dr. V. Sathish**
- 33 Department of Islamic Studies  
**Dr. Ampotti A. K.**
- 34 Department of Philosophy  
**Dr. Beena Issac**
- 35 Department of Political Science  
**Dr. Sajad Ibrahim K. M.**
- 36 Department of Psychology  
**Dr. Jasseer J.**
- 37 Department of Sociology  
**Dr. Pushpam. M**
- 38 Department of Computer Science  
**Dr. D. Mohammad Noorul Mubarak**
- 39 Department of Futures Studies  
**Dr. K. Satheesh Kumar**
- 40 Department of Optoelectronics  
**Dr. K. G. Gopchandran**
- 41 Department of Computational Biology and Bioinformatics  
**Dr. Achuthsankar. S. Nair (i/c)**
- 42 Department of Nanoscience and Nanotechnology  
**Dr. S.Sankararaman (i/c)**
- 43 Department of Physical Education  
**Dr. Jayarajan David (i/c)**
- 44 \*Department of Kerala Studies  
**Dr. C. R. Prasad (i/c)**  
\*Chancellor's assent awaited.

## UNIVERSITY OF KERALA : CENTRE DIRECTORS

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Director in-charge: Dr. V. Biju
2. **Centre for Adult Continuing Education & Extension**  
Director: Dr. K. S. Suresh Kumar
3. Centre for Australian Studies  
Hon. Director : Dr. Suja Kurup P. L.
4. Centre for Canadian Studies  
Hon. Director : Dr. B. Hariharan
5. **Centre for Cultural Studies**  
Hon. Director : Dr. Meena T. Pillai
6. Centre for Diaspora Studies  
Hon. Director : Dr. M. S. Jayakumar
7. Centre for Educational Technology  
Hon. Director : Dr. Theresa Susan A.
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10. **Centre for Gandhian Studies**  
Co-ordinator : Dr. S. Venu Mohan (i/c)
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12. **Centre for Information Literacy Studies**  
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Hon. Director : Dr. K. Padmakumar
15. **Centre for Performing & Visual Arts**  
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17. Centre for Rural Studies  
Hon. Director: Vacant
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19. Centre for Translation and Translation Studies  
Hon. Director : Dr. N. Suresh
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21. Centre for Venom Informatics  
Hon. Director : Dr. Oommen V. Oommen
22. Centre for Women's Studies  
Hon. Director : Dr. Lakshmi Sukumar
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Hon. Director: Dr. Darwin L.
24. **Centre for Human Rights & Social Justice (Dr. B. R. Ambedkar Chair)**  
Hon. Director : Dr. Sindhu Thulaseedharan
25. **Dr. Ramakumar Memorial Centre for Population, Ageing and Health**  
Hon. Director: Dr. P. Mohanachandran Nair
26. **Entrepreneurship Development Cell**  
Co-ordinator : Dr. Ambeeshmon S.
27. Internal Complaints Committee (ICC)  
Presiding Officer : Dr. D. S. Jaya
28. **Internal Quality Assurance Cell – IQAC**  
Director : Dr. Gabriel Simon Thattil
29. Inter - University Centre for Geospatial Information Science and Technology (IUCGIST)  
Director : Dr. Rajesh Reghunath
30. **Inter-University Centre for Genomics and Gene Technology**  
Hon. Director: Dr. A. Jayakumaran Nair
31. International and Inter University Centre for Natural Resources Management  
Co-ordinator: Dr. Rajesh Regunath
32. **Inter University Centre for Malayalam Language (IUCML)**  
Hon. Director: Dr. B. V. Sasikumar
33. Inter University Centre for Alternative Economics (IUCAE)  
Hon. Director: Dr. Abdul Salim A.
34. **Inter University Centre for Advanced Material Research (IUCAMR)**  
Co-ordinator: Dr. T. S. Anirudhan
35. **Inter University Centre for Evolutionary and Integrative Biology (iCEIB)**  
Hon. Director: Dr. M. C. Subhash Peter
36. Mahatma Aynakali Chair  
Hon. Director: Dr. V. Sathish
37. Population Research Centre  
Director-in-charge : Dr. P. Mohanachandran Nair
38. Raja Ravi Varma Centre of Excellence for Visual Arts, Mavelikkara  
Hon. Director: Shri K. C. Chitrabhanu
39. **Central Laboratory for Instrumentation and Facilitation (CLIF)**  
Hon. Director: Dr. G. Prasad (i/c)
40. **International Centre for Sree Narayana Guru Studies**  
Hon. Director: Dr. Siddeek. M. A.
41. **State Inter University Centre of Excellence in Bio Informatics (SIUCEB)**  
Hon. Director: Dr. Achuthsankar S. Nair
42. **Study on the Cost of Cultivation of Principal Crops in Kerala**  
Director: Dr. Abdul Salim A.
43. Survey Research Centre  
Hon. Director : Dr. Josukutty C. A.
44. **Technology and Resource Centre for Malayalam**  
Hon. Director: Dr. S. A. Shanavas
45. **UGC National Curriculum Development Centre**  
Hon. Director : Dr. Bindu R. L.
46. UGC Nehru Study Centre  
Hon. Director: Dr. Anu Unny
47. V.K. Krishna Menon Study Centre for International Relations  
Hon. Director : Dr. R. Suresh
48. **V. K. Sukumaran Nayar Chair for Parliamentary Affairs**  
Hon. Director : Dr. Samuel J. Kuruvila
49. **Centre for Agroecology of Public Health**  
Hon. Director : Dr. Manju S. Nair
50. **Centre for Academic of Industrial Collaboration**  
Hon. Director : Dr. Annie Abraham

51. **Centre for Philosophical Counselling**  
Hon. Director : Dr. Beena Isaac
52. **Centre for Biodiversity Conservation**  
Hon. Director :Dr.A.Gangaprasad
53. **Manonmaniam Sundaranar Centre for Dravidian Studies**  
Hon. Director : Dr. Jeyakrishnan P
54. **Advanced Centre for Regenerative Medicine of Stem Cell Research in Cutaneous Biology (ACRCM - Stem)**  
Hon. Director : Dr. P. Sreejith
55. **MHRD Centre for Excellence in Ayurinformatics Computer Aided Drug Design**  
Hon. Director : Dr. Achuthsankar S. Nair
56. **Centre for Marxian Studies**  
Hon. Director : Dr. Shaji Varkey
57. **Centre for Latin American Studies**  
Hon. Director : Shaji Varkey
58. **Tagore Chair**  
Convenor : Dr. B. S. Jamuna
59. **Centre for Renewable Energy and Materials**  
Hon. Director : Dr. S.MA Shibli
60. **Centre for Learning & Disability Studies**  
Hon. Director : Dr. Geetha Janet Vitus
61. **University Helath Centre**  
Medical Officer : Dr. K. Krishnaprasad

## LIST OF JOURNALS PUBLISHED BY THE UNIVERSITY

Sl. No.	Department	Name of Journal	ISSN No	Year of first publication
1	Arabic	Majalla Kairala	ISSN 2277 – 2839	2010
2	Archaeology	Heritage : Journal of Multidisciplinary Studies in Archaeology	ISSN 2347 – 5463	2013
3	Aquatic Biology and Fisheries	Journal of Aquatic Biology and Fisheries	ISSN 2321-340X	2013
4	Botany	Abrahamia - An International Journal of Plant Sciences	ISSN 2395-4108	2015
5	Commerce	Commerce and Business Researcher	ISSN 0976-4097	2011
6	Communication and Journalism	Communication And Media Studies : An Indian Research Journal	ISSN 2395-1559	2008
7	Computational Biology and Bioinformatics	Ayurinformatics : Research bulletin on 'Conna (Cassia fistula)'	ISSN 978-93-5281-659-0	2015-16
8	Demography	Janasamkhya	ISSN 091-698X	1983
9	Education	Studies In Education	ISSN 2456-5261	2016
10	Hindi	Shodh Dharpan	ISSN 2674-8152	
11	History	Journal of Kerala Studies Journal of Indian History	ISSN 0377-0443 ISSN 022-1775	1973 1946
12	Institute of Management in Kerala	Management Innovator	ISSN 0974-6749	2007
13	Law	Kerala University Journal of Legal Studies	ISSN 2278-2702	1998
14	Linguistics	Swanimam : Phonetics Laboratory News journal	ISSN 2395-0447	2015
15	Malayalam	Bhashasahiti		1977
16	ORI and MSS	Pracheenakairali Journal of Manuscript Studies	ISSN 2393-9222 ISSN 2393-9443	1950 1945
17	Political Science	Journal of Polity and Society	ISSN 0976-0210	2007
18	Russian	Russian Studies in India: Languages, Literature & Culture in Comparison	ISSN 2349-4131	2004
19	German	German Studies in India "INDO GERMAN"	ISSN 2321-7863	1977
20	SDE	DECK Researcher	-	2014

*Administration  
&  
Academic Wings*







# REPORT ON VARIOUS BRANCHES OF THE UNIVERSITY

## I. Examination Wing

The Examination wing of the University of Kerala applies modern tenets of management/administration to ensure the timely publication of results and disbursement of certificates to successful students. It is a round the year process that begins with planning the Examination Calendar and adopting all feasible methods and means to adhere to the dates. The University of Kerala conducts around 10,000 examinations. The University follows the semester pattern for all its UG and PG courses, including professional, in regular mode. Annual examinations are still conducted for distance education and private registration courses which includes UG and PG. It is imperative for us to conduct exams for every course atleast twice a year. We move in a systematic way to achieve our goal of timely publication of results so that the career prospects of the candidates are not jeopardized in any way.

The University complies with all the stipulations and directives issued by the UGC from time to time, the latest one pertaining to valuation of answer books being made part of duty of teachers, hence non remunerative. Mal Practice prevention Squad deputed by the University and CCTV cameras installed in the exam centres have curbed the misbehaviour of the students in exam centres to a good extent.

An IT Cell has been established exclusively for examination wing. More infrastructural facilities including Computers, High End Printers and Scanners are being procured for making its functioning more effective.

A new floor has been constructed in the Controller of Examinations' building for conducting CV camps which has facilitated direct monitoring by the Controller of Examination.

The University has also constituted a Data Cell for collection and consolidation of details of faculty of various colleges, to facilitate quick communication and appointment of examiners for various examination related works. The University has set its eye on future projects like online evaluation and effective valuation management software.

The University has always strived to cater to the needs of the students as well as the teaching community with regard to the examination system. Every complaint received is examined in detail so as to provide justice to the complainant abiding by the rules and regulations of the University.

Thus through proper Planning, Organizing, Staffing, Directing, Co-ordinating and Budgeting the University strives to achieve its targets in the Conduct of Examination and publication of results without deviating from the academic calendar.

## STATEMENT SHOWING THE RESULTS OF VARIOUS UNIVERSITY EXAMINATIONS (FINAL YEAR) DURING THE YEAR 2019

### B.Ed

Course	Registered	Appeared	Passed	A plus	A	B Plus	B
B.Ed English	469	469	312	2	216	90	4
B.Ed Malayalam	191	191	140		81	59	
B.Ed Social Science	391	391	296	2	160	131	3
B.Ed Hindi	83	83	62		34	28	
B.Ed Arabic	7	7	6		2	4	
B.Ed Mathematics	246	246	217	1	167	47	2
B.Ed Natural Science	317	317	285		225	55	5
B.Ed Physical Science	395	395	307	1	217	86	3
B.Ed Commerce	98	98	92		70	21	2
B.Ed Geography	36	36	22	2	15	5	
B.Ed Tamil	2	2	1			1	
B.Ed Sanskrit	22	22	8		2	6	

- B.Ed Fourth Semester Online Examination conducted on 02/04/2019 and 03/04/2019 and the result was published on 05/04/2019.

**M.Ed**

Name of Examination	Appeared	Passed	First Class	Second Class	Pass Percentage
Fourth Semester M.Ed Degree Examination (2015 Scheme) March 2019	128	116	105	-	90.63
Second Semester M.Ed Degree Examination, Supplementary (2015 Scheme) March 2019	22	9	-	-	40.91
Second Semester M.Ed Degree Examination (2018 Scheme) March 2019	112	102	-	-	91.07

**PGDEC**

Name of Examination	Appeared	Passed	First Class	Second Class	Pass Percentage
PGDEC Examination May 2019	21	21	20	1	100

**B.Com Part I, II (Annual Scheme) Private and Supplementary Degree Examinations of March/April 2019**

Subject	Registered	Appeared	First Class	Second Class	Third Class	Total	Pass Percentage
Part I: English	5394	4710	10	102	1552	1664	35.32
Part II: Arabic	36	33	10	11	12	33	100
Part II: Hindi	1479	1362	422	192	348	962	70.63
Part II: Malayalam	3918	3545	658	426	1604	2688	75.82
Part II: German	3	0	0	0	0	0	0
Part II: French	24	13	9	0	2	11	84.61
Part II: Tamil	3	3	0	0	3	3	100

**B.Com Part III Final Year (Annual Scheme) Examinations of March/April 2019**

Subject	Registered	Appeared	First Class	Second Class	Third Class	Total	Pass Percentage
Part III	9852	9323	188	953	1801	2942	34.09

**B.Com Part III Degree Examinations of Sep/Oct 2019**

Subject	Registered	Appeared	First Class	Second Class	Third Class	Total	Pass Percentage
Part III	4443	4063	11	133	1298	1442	35.5

**B.Com Part I, II (Annual Scheme) Private and Supplementary Degree Examinations of September 2018**

Subject	Registered	Appeared	First Class	Second Class	Third Class	Total	Pass Percentage
Part I: English	4509	4085	3	8	622	634	15.5
Part II: French	16	14	4	1	5	10	71.4
Part II: Hindi	252	222	22	38	89	149	67.1
Part II: Malayalam	621	516	15	26	216	257	49.8
Part II: Arabic	1	Nil	Nil	Nil	Nil	Nil	Nil
Part II: Tamil	1	Nil	Nil	Nil	Nil	Nil	Nil

**B.Com Part III Degree Examination (Annual Course -1996 Scheme – Mercy Chance) November 2019**

Subject	Registered	Appeared	First Class	Second Class	Third Class	Total	Pass Percentage
Part III	54	54	Nil	Nil	46	46	85

**B.Com Final Year Degree Supplementary Examinations (Three Main System Computer Applications – SDE of May/June 2019)**

Registered	Appeared	First Class	Second Class	Third Class	Total	Pass Percentage
157	150		1	14	15	22.5
Off-line Candidates						
I Year (13)	12	-	-	-	6	-
II Year (49)	40	-	-	-	7	-
III Year (73)	66	-	-	-	10	-

**B.Com First and Second semester FDP (under SDE – 2017 admission) July 2018**

Name of Examination	Registered	Appeared	Pass	Pass Percentage
I Sem	3751	3625	1108	30.57
II Sem	3750	3518	801	22.77

**B.Com Part III Degree (Annual Scheme) Examination of September/October 2019**

Subject	Registered	Appeared	First Class	Second Class	Third Class	Total	Pass Percentage
Part III	4326	3896	8	93	1157	1258	32.28

**MBBS/BDS/BASLP/B.Pharm**

Name of Exam	Appeared	First Class	Second Class	Third Class	Total	Pass Percentage
First Year B.Pharm/ January 2019	5	0	3	0	3	60
Second Year B.Pharm/ March 2019	24	0	9	0	9	37.5
Final Year B.Pharm/ March 2019	40	0	14	0	14	35
Third year B. Pharm/ June 2019	55	0	8	0	8	14.54
First year B. Pharm/ July 2019	2	0	1	0	1	50
Final BDS Part II (2008 scheme) Aug 2019	1	0	0	0	0	0
Third Professional BAMS (Supplementary) Degree Exam, January 2019	8	0	1	0	1	12.5
Fifth Semester BASLP (CBCSS Stream) Degree examination January 2019	26	18	6	0	24	92.31
Third Semester BASLP (CBCSS Stream) Degree examination February 2019	28	24	4	0	28	100

Fifth Semester BASLP (Old Scheme) Degree examination January 2019	1	0	0	0	0	0
First Semester BASLP (CBCSS Stream) Mercy chance Exam, March 2019	5	0	5	0	5	100
First Semester BASLP (old scheme) Degree Examination, April 2019	2	0	1	0	1	50
Fifth Semester BASLP (CBCSS Stream) Degree examination June 2019	28	25	3	0	28	100
Third Professional MBBS Part II Degree Examination July 2019	1	0	1	0	1	100

**BSc Computer Science/ BCA/ BLISc**

Name of Examination	Appeared	First Class	Second Class	Third Class	Total	Pass Percentage
I Sem Bsc CS July 2018	105	-	-	-	21	20
I Sem BCA July 2018	108				14	12.96
II Sem Bsc CS July 2018	106	-	-	-	26	24.53
II Sem BCA July 2018	107	-	-	-	20	18.69
III Year Bsc CS May 2019 (Annual Scheme Supplementary)	38	10	5	-	15	39.47
III Year BCA May 2019 (Annual Scheme Supplementary)	74	-	-	-	23	31.08
II Year Bsc CS June 2019 (Annual Scheme Supplementary)	26	-	-	-	12	46.15
II Year BCA June 2019 (Annual Scheme Supplementary)	33	-	-	-	16	48.48
I Year Bsc CS June 2019 (Annual Scheme Supplementary)	22	-	-	-	8	36.36
I Year BCA June 2019 (Annual Scheme Supplementary)	36	-	-	-	17	47.22
I Semester BLISc June 2019	128	-	-	-	58	45.31
II Semester BLISc June 2019	128	-	-	-	64	50
BLISc Annual Scheme (Supple) June 2019	9	-	-	-	4	44.44

**BBA Private Registration Examination 2019**

Name of Examination	Registered	Appeared	Passed	Pass Percentage
Final Year BBA, April 2019	305	298	123	41.27
Second Year BBA, May 2019	368	346	134	38.72
First Year BBA, June 2019	509	471	123	26.11

- The result of the first batch of BBA private study Annual Scheme was published within 26 days from the last exam date.

**BBA SDE Supplementary Examination**

Name of Examination	Registered	Appeared	Passed	Pass Percentage
Third Sem BBA, Feb 2019	106	100	42	42
Fourth Sem BBA, Feb 2019	36	28	10	35.71
Fifth Sem BBA, July 2019	27	25	12	48
Sixth Sem BBA, July 2019	29	26	15	57.69

**BSc Mathematics (CSS) SDE Examination 2019**

Name of Examination	Registered	Appeared	Passed	Pass Percentage
First Sem BSc, July 2018	79	76	35	46.05

Grades	No: of Students
A	Nil
B	1
C	9
D	22
E	3
Total	35

**BSc Mathematics (CSS) SDE Examination 2019**

Name of Examination	Registered	Appeared	Passed	Pass Percentage
Second Sem BSc, July 2018	79	74	23	31.08

Grades	No: of Students
A	Nil
B	2
C	6
D	14
E	1
Total	23

Name of Examination	Appeared	Passed	I Class	II Class	III Class	Pass Percentage
Part III Mathematics main exam April 2019	1	Nil	-	-	-	-
Part I, II, III sub held in Feb/March 2019 (October 2018 session)						
Part I	55	16	Nil	2	2	29.09
Hindi	2	Nil	Nil	-	-	0
Malayalam	1	Nil	-	-	-	0
Mathematics main Exam Oct 2019	1	Nil	-	-	-	0
Part I, II, III sub held in Feb/March 2019 (October 2018 session)						
Part I	18	8	Nil	1	7	44.44
Hindi	1	Nil	-	-	-	0
Malayalam	1	Nil	-	-	-	0
Statistics	1	Nil	-	-	-	0

**BA Degree Part I & II Examinations Feb/March 2019**

Subjects	Appeared	I Class	II Class	III Class	Passed	Pass Percentage
Part I English	2718	Nil	1	383	384	14
Part II - Additional Language						
Arabic	9	1	2	2	5	56
French	3	Nil	Nil	1	1	33
German	1	Nil	1	Nil	1	100
Hindi	139	7	11	34	52	37
Malayalam	328	12	21	94	124	38

**B.A. Degree Examination held in April/May 2019**

Subjects	Appeared	I Class	II Class	III Class	Passed	Pass Percentage
Faculty of Arts						
English Language and Literature	Result Announced Later					
Philosophy	27	12	11	3	26	96.29
Faculty of Social Studies						
History	Result Announced Later					
Economics	Result Announced Later					
Sociology	Result Announced Later					
Political Science	82	1	10	37	48	58.53
Faculty of Oriental Studies						
Malayalam Language and Literature	218	29	36	80	145	66.51
Sanskrit Language and Literature (General)	1	1	Nil	Nil	1	100
Hindi	Result Announced Later					
Sanskrit (Special)	15	6	Nil	2	8	53.33
Afzal Ul Ulama	Result Announced Later					
Arabic	Result Announced Later					
Faculty of Fine Arts						
Music	2	Nil	Nil	Nil	Nil	0

**Second Year B.A./B.A Afsal Ul Ulama Part I & II Degree Regular and Supplementary Examination (April/May 2019 session)**

Subjects	Appeared	I Class	II Class	III Class	Passed	Pass Percentage
Part I English	4595	48	197	1577	1822	39.7
Part II - Additional Languages						
Arabic	201	62	61	71	134	66.66
French	1	1	--	--	1	100
Hindi	562	98	136	175	409	72.77
Malayalam	2810	653	665	1074	2392	85.12
Latin	10	10	--	--	10	100
Special English	2	--	1	1	2	100
Tamil	1	1	--	--	1	100
Afzal - Ul - Ulama						
Part I English	19	--	1	12	13	68.42
Part II Arabic	18	2	5	11	18	100

Examination	Appeared	Passed	I Class	II Class	III Class	Pass Percentage
Tenth Sem Integrated (5 year) BA LLB Examination July 2019	408	248	112	61	75	60.78
Tenth Sem Integrated (5 year) B.Com LLB Examination July 2019	111	61	34	14	13	60.40
Tenth Sem Integrated (5 year) BBA LLB Examination July 2019	159	75	32	27	16	52.80
Certificate in Russian/ June 2019	2	2	2	--	--	100
Diploma in Russian/ June 2019	2	2	2	--	--	100
Integrated Diploma in Russian/ June 2019	9	9	9	--	--	100
Certificate in German/ June 2019	16	16	16	--	--	100
Diploma in German/ June 2019	13	13	13	--	--	100
First year BFA (Integrated)/ March 2019	89	88	Un- classified			98.87
Final Year BFA (Painting, Sculpture & Applied Art)/ March 2019	84	81	44	35	1	96.43
First Semester MFA (Painting)/ Feb 2019	13	9	Un- classified			69.23
First Semester MFA (Sculpture)/ Feb 2019	3	2	Un- classified			66.66
First Semester MFA (Painting)/ April 2019	13	8	8	--	--	61.5
Fourth Semester MFA (Sculpture)/ April 2019	6					
First Semester MVA (painting)/ Jan 2019	1	1	Un- classified			100
Second Semester MVA (painting)/July 2019	1	1	Un- classified			100
Tenth Semester BFA (H1) (Painting)/ July 2019	1	1	1	--	--	100
Tenth Semester BFA (H1) (Applied Art)/ July 2019	2	1	1	--	--	50
First Semester B.Des/ Jan 2019	75	64	Un- classified			85.33
Third Semester B.Des/ Jan 2019	61	42	Un- classified			65.85
Fifth Semester B.Des/ Jan 2019	62	40	Un- classified			64.5
Fourth Semester MVA (painting)/ Jan 2019	6	5	1	--	--	100



Fourth Semester MVA (Art History)/ Jan 2019	3	Nil	--	--	--	0
Post Graduate Diploma in Human Rights/ Jan 2019	22	6	5	1	--	27.27
Eighth Sem B.Des/ April 2019	10	10				100
Eighth Sem B.Des/ April 2019	45	45				97.82
Fourth Sem LLB (5yrs)/ May 2019	7	6	Un- classified			85.71
First Sem LLB (5yrs)/ Feb 2019	13	4	Un- classified			30.71
Third Sem LLB (5yrs)/ March 2019	15	9	Un- classified			60
Second Sem LLB (5yrs)/ May 2019						
Tenth Sem LLB (5yrs)/ June 2019	12	8	--	8	--	66.67
BLISc Degree Examination/ March 2019	2	2	Un- classified			100
Sixth Semester Unitary LLB Exam July 2019	403	226	148	78	--	56
Fourth Semester LLM Exam Aug 2019	19	16	15	1	--	84
Sixth Semester MBL Exam May 2019	3	2	2	--	--	66.7

#### MCA/ MBA/Architecture

Exam Code	Name of the Programme	Registered	Appeared	Passed	Distinction	I Class	II Class	Pass Percentage
95515602	MCA	164	164	143	54	89	0	87.20
45513002	Architecture	287	281	153	2	130	21	54.45
59514404	MBA Full Time, Aug 2019	802	796	630	41	582	7	79.15
59914404	MBA Regular (Evening) Aug 2019	14	14	7	1	6	0	50
60014404	MBA Travel and Tourism Aug 2019	43	42	38	4	34	0	90.48

Exam Code	Name of the Programme	Registered	Appeared	Passed	Pass Percentage
59514403	MBA Full Time, Jan 2019	571	549	514	93.62
59914403	MBA Regular (Evening), Jan 2019	13	13	12	92.31
60014403	MBA Travel and Tourism, Jan 2019	20	19	18	94.74

**S8 Dec 2015 (2013 Scheme) S8 July 2018 (2008 Scheme)**

Subject	I Class		II Class		No: of Studens	
	2008 Scheme	2013 Scheme	2008 Scheme	2013 Scheme	2008 Scheme	2013 Scheme
Civil	Nil	2	2	Nil	14	14
Mechanical	Nil	Nil	Nil	Nil	6	5
EE	Nil	Nil	3	3	10	5
EC	Nil	Nil	2	2	12	9
CSE	Nil	2	3	1	12	11
TKM						
Civil	Nil	Nil	Nil	Nil	1	1
Mechanical	Nil	Nil	Nil	Nil	1	1
EEE	Nil	Nil	Nil	Nil	1	2

**PG COURSES**

Semester : 4 (Final) Month & Year of Exam. : September 2019

Exam. Code	Name of the Programme	No. of Students			Students Classified as			Pass %
		Regis-tered	Ap-peared	Passed	I	II	III	
50513405	MA Philosophy	2	2	1	1	0	0	50.00
50517401	MA Philosophy	43	39	30	30	0	0	76.92
51013405	MA Sanskrit Language & Literature	8	8	5	5	0	0	62.50
51213405	MA Sanskrit Special - Vedanta	10	10	9	9	0	0	90.00
51313405	MA Sanskrit Special - Nyaya	1	1	1	1	0	0	100.00
51413405	MA Sanskrit Special - Vyakarana	5	4	3	3	0	0	75.00
51513405	MA Malayalam Language & Literature	145	138	113	112	1	0	81.88
51713405	MA Sanskrit Special - Sahitya	3	3	3	3	0	0	100.00
51813405	MA Sanskrit Special - Jyothisha	3	3	1	1	0	0	33.33
52015403	MA Tamil Language & Literature	4	4	4	4	0	0	100.00
52515403	MA Hindi Language & Literature	75	75	70	70	0	0	93.33
52915403	MA Mass Communication and Journalism	8	7	7	7	0	0	100.00
53013405	MA English Language & Literature	78	78	7	6	1	0	8.97
53017401	MA English Language & Literature	443	443	391	368	23	0	88.26
53513405	MA Arabic Language & Literature	22	22	14	14	0	0	63.64
54014404	MA History	142	140	100	88	12	0	71.43
54115403	MA Islamic History	10	10	5	5	0	0	50.00
54613405	MA Political Science	44	40	26	26	0	0	65.00
55013405	MA Economics	284	274	177	163	14	0	64.60
55516402	MA Business Economics	15	13	11	11	0	0	84.62
56013405	MA Sociology	39	39	36	33	3	0	92.31

Exam. Code	Name of the Programme	No. of Students			Students Classified as			Pass %
		Registered	Appeared	Passed	I	II	III	
57516402	MA Music	10	10	5	4	1	0	50.00
57716402	MA Music (Violin)	1	1	1	1	0	0	100.00
57916402	MA Dance (Kerala Nadanam)	3	3	3	3	0	0	100.00
58013405	MA Public Administration	8	8	8	7	1	0	100.00
58414404	MA Human Resource Management	12	12	9	9	0	0	75.00
59014404	MCom.	825	813	670	662	8	0	82.41
60413405	MSc Counselling Psychology	10	10	8	8	0	0	80.00
60513405	MSc Geography	30	30	27	26	1	0	90.00
60617401	MSc Psychology	22	22	17	17	0	0	77.27
60815403	MSc Microbiology	14	13	10	10	0	0	76.92
61017401	MSc Geology	24	23	18	18	0	0	78.26
61513405	MSc Environmental Science	26	24	24	24	0	0	100.00
62015403	MSc Mathematics	46	46	14	14	0	0	30.43
62017401	MSc Mathematics	305	301	236	236	0	0	78.41
62515403	MSc Statistics	29	29	26	26	0	0	89.66
63014404	MSc Physics	398	394	218	218	0	0	55.33
63513405	MSc Chemistry	18	18	1	1	0	0	5.56
63516402	MSc Chemistry	240	237	164	164	0	0	69.20
63616402	MSc Analytical Chemistry	90	89	59	59	0	0	66.29
63716402	MSc Applied Chemistry	13	13	9	9	0	0	69.23
63813405	MSc Biochemistry	6	6	1	1	0	0	16.67
63817401	MSc Biochemistry	43	43	35	35	0	0	81.40
63914404	MSc Polymer Chemistry	24	24	19	19	0	0	79.17
64117401	MSc Bioinformatics	7	6	6	6	0	0	100.00
64513405	MSc Botany	153	151	124	124	0	0	82.12
65013405	MSc Zoology	141	138	125	125	0	0	90.58
65114404	MSc Electronics	57	56	38	38	0	0	67.86
65416402	MSc Computer Science	122	120	69	69	0	0	57.50
65513405	MSc Home Science (Family Resource Management)	7	7	7	7	0	0	100.00
65765613	MSc Home Science (Extension Education)	7	7	6	6	0	0	85.71
40513405	MSc Home Science (Food & Nutrition)	5	5	5	5	0	0	100.00
65813405	MSc Home Science (Nutrition & Dietetics)	13	13	13	13	0	0	100.00
65913405	MSc Biotechnology	57	57	55	55	0	0	96.49
91514404	MSW Social Work	22	22	21	19	2	0	95.45

## II Academic Wing

Academic wing of the University deals with all academic activities related to the conduct of the different academic programmes which includes Under Graduate, Post Graduate, Post Graduate Diploma, Diploma courses and research programmes like M.Phil and Ph.D Programmes offered in the University teaching departments and affiliated colleges. Apart from these the Academic sections deals with the conduct of the meetings of the Academic Council, Faculties, Board of Studies, Syndicate and Senate. Affiliation of colleges and courses, Recognition of courses offered by other Universities, Issuance of Eligibility/Equivalence certificate to recognized courses, Issuance of various scholarships/Awards instituted by the University/ UGC/State/Central Governments and sponsored by other agencies like, CSIR, DST (INSPIRE, WOS-A), KSCSTE, IT Mission (Speed IT), ICMR, ICHR, ICPR, ICSSR, BPR & D and DBT BINC, Conduct of various Entrance Examinations including Ph.D entrance examn., Complaints of students and teachers of affiliated colleges, Admission

of Foreign students, Academic collaborations with foreign Universities, Academic matters pertaining to Autonomous Colleges, Constitution of Board of Studies, Faculties, appointment of Deans of Faculties/ Directors of various schools, Consultancy services, preparation of Academic Calendar, Approval of the initial appointment/placement/Promotions of teaching faculties in the Aided colleges, incorporating new provisions to the University Statutes/ Regulations/ Ordinances and amendment of the existing provisions, all matters pertaining to the Ph.D registration and award of Ph.D etc. The following are the major and notable activities done by the Academic sections during the year 2019:

1. During 2019 the Syndicate of the University was held 18 times, the Academic council of the University was held 2 times and the Senate of the University was held 8 times including special meetings.
2. The Degrees/Examinations of other Universities/ Institutions recognized by the University of Kerala during the year 2019 are listed below:

Sl.No	Order No. and Date	Name of the State Boards/Statutory Universities/Foreign Universities/Institutions	Examinations/ Degrees	Corresponding Examinations/ Degree of the KU
1.	Ac.C/048395/2019 dated; 22.10.2019	Mangalore University.	M.Pharm. Degree (Regular)	Recognized as equivalent to the Master of Pharmacy in Pharmaceutics (M.Pharm- Pharmaceutics) of the University of Kerala based on the Regulations, Scheme of Examination, Mark List and the dissertation submitted.
2.	Ac.C/046345/2019 dated, 28.10.2019	University of Madras through Stella Maris College (Autonomous), Chennai	M.Com. Degree (Regular)	Recognized as an eligible qualification for higher studies and employment.
3.	No.Ac.C/047964/2019 dated, 30.10.2019	Avinashilingam Institute for Home Science and Higher Education for Women (Deemed to be University), Coimbatore	B.Sc. Degree in Chemistry (Regular)	Recognized as an eligible qualification for higher studies and employment in the field of Chemistry.
4.	No.Ac.C/048292/2019 dated;:30.10.2019	University of Delhi through School of Open Learning	B.Com. Degree (Honours) (Distance)	Recognized as an eligible qualification for higher studies and employment.
5.	No.Ac.C/048397/2019 dated: 30.10.2019	University of Madras through Women's Christian College (Autonomous), Chennai	B.Com. in Degree Computer Applications (Regular)	Recognized as an eligible qualification for doing higher studies and employment
6.	No.Ac.C/036628/2019 dated: 30.10.2019	Mangalore University	Ph.D Degree in Biosciences awarded to Ms.Remya.R	Recognized as an eligible qualification for higher studies and employment in the field of Environmental Sciences.

7.	No.Ac.C/050852/2019 dated;08.11.2019	Mahatma Gandhi University, Kottayam	B.Sc. Degree in Biological Techniques and Specimen Preparation (Regular)	Recognized as eligible for the purpose of admission to B.Ed. Degree Programme in Natural Science and employment in the relevant field.
8.	No.Ac.C/050620/2019 dated;12.11.2019	University of Calicut	M.Sc. Degree in Applied Plant Science(-Regular)	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Botany.
9.	No.Ac.C/7289/2019. dated, 20.11.2019.		Retention of the University Order No. Ac.C/038038/2018 dt: 01.08.2018 as valid	Resolved that the said University Order be retained as valid.
10.	No.Ac.C/045598/2019 dated;29.10.2019.	The English and Foreign Languages University, Hyderabad	Ph.D Degree in Hindi awarded to Ms.Reshma. PP	Recognised for the purpose of higher education and employment in the field of Hindi.
11.	No.Ac.C/045597/19. dated;29.10.2019.	University of Hyderabad	M.A. Degree in Functional Hindi (Translation) (Regular)	Recognized for the purpose of higher education and employment in the field of Hindi.
12.	No.Ac.C/045598/2019. dated;31.10.2019.	Cochin University of Science and Technology, Kochi	Ph.D Degree awarded to Sri.Praveen.SS,	Recognised for the purpose of higher education and employment in the field of Physics.
13.	No.Ac.C/045593/2019 dated; 11.11.2019.	Bharathiar University, Coimbatore	B.Sc. Computer Science (Lateral Entry 2nd year – Distance Programme)	Recognized as equivalent to the B.Sc. Computer Science of the University of Kerala.
14.	Ac.C/037650/2018 dated 25/10/2019	Panjab University, Chandigarh.	M.A Degree in Philosophy (Private)	Recognized as equivalent to M.A Degree in Philosophy of this University.
15.	Ac.C/048768/2019 dated 26-10-2019	SRM Institute of Science and technology of Science (Deemed to be University), Chennai.	M.Sc Degree in Physics(Regular)	Recognized as an eligible qualification for the purpose of higher studies and employment in the area of Physics.
16.	Ac.C/039493/2018 dated 28-10-2019	Mangalore University through St. Agnes College (Autonomous), Mangaluru.	Triple Main B.Sc Degree in Mathematics, Physics and Electronics	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Physics.
17.	Ac.C/030777/2017 dated 28-10-2019	Bharathiar University through R.V.S College of Arts and Science(Autonomous), Coimbatore	M.Sc Degree in Microbiology (Regular) (during the year 2008-2010)	Recognized as an eligible qualification for the purpose of higher studies and employment.
18.	Ac.C/047263/2019 dated 31-10-2019	Ph.D Degree in Physics	Karpagam Academy of Higher Education(Deemed to be University), Coimbatore.	Recognized as an eligible qualification for the purpose of higher studies and employment.
19.	Ac.C/050318/2019 dated 18-11-2019	Manonmaniam Sundaranar university, Tirunelveli.	B.A Degree in English with Computer Applications (Regular)	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of English.
20.	Ac.C/048774/2019 dated 18-11-2019	Periyar university through periyar institute of Distant Education,Salem.	M.Sc Degree in Mathematics.	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Mathematics.

21.	Ac.C/044952/2019 dated 18-11-2019	Tamil Nadu Teachers Education University, Chennai	B.Ed Degree (Regular)(Optional-I- Tamil Paper II, Optional-II- Tamil Paper I)	Recognized as equivalent to B.Ed Degree in Tamil of this University.
22.	Ac.C/049561/2019 dated 25-11-2019	Bharathiar University through P.S.G College of Technology, (Autonomous), Coimbatore.	B.Sc Degree in Applied Sciences(Ap- parel and Fashion Technology )	Recognized as an eligible qualification for the purpose of higher studies where a degree in any discipline is prescribed as an eligible qualification for admission.
23.	Ac.C/047781/2019 dated 27-11-2019	Manonmaniam Sundaranar University, Tirunelveli.	Ph.d Degree in Statistics	Recognized as an eligible qualification for the purpose of higher education and employment
24.	Ac.C/047729/2019. dated 08 /11/2019	Alagappa University, Karaikudi	Bachelor of Business Administration(Banking) (Distance)	Recognized as equivalent to BBA Degree of the University of Kerala under Distance Education Mode.
25.	Ac.C/049142/2019.dtd 08/11/2019.	Bharathiar University through CMS College of Science and Commerce(Autonomous),- Coimbatore	M.Sc Degree in Microbiology(Regular)	Recognized as an eligible qualification for the purpose of higher studies in the field of Biotechnology.
26.	Ac.C/049956/2019. dated 08 /11/2019.	Bharathiar University through Ratnavel Subramaniam College of Arts and Science(Autonomous),Sulur	M.Sc Degree in Biochemistry (Regular)	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Biochemistry.
27.	Ac.C/044124/2019 dtd 04 /11/2019.	Tamil Nadu Teacher Education University	Bachelor of Education (Part I.English and Part II.English) (Regular)	Recognized as equivalent to B.Ed Degree(2 years) in English of University of Kerala.5
28.	No.Ac.C/045759/2019 Dated 29 /10/2019..	Sathyabama University(Deemed to be University), Chennai	B.Sc Degree in Microbiology(Regular)	Recognized for higher studies and employment in the field of Microbiology
29.	Ac.C/034378/2017 dated 09-04-2019	Jawaharlal Nehru Technological University through VNR Vignana Jyothi Institute of Engineering and Technology(Autonomous)	M.Tech Degree in Software Engineering(Regular)	Recognized for the purpose of higher studies and Employment.
30.	Ac.C/034831/2017 dated 09-04-2019	Anna University	Master of Planning (M.Plan)-Full Time	Recognized for the purpose of higher studies and Employment.
31.	Ac.C/041525/2018 dated 17-04-2019	Anna University through Govt. College of Engineering (Autonomous)	M.E Computer Aided Design(Regular)	Recognized as an M.Tech Degree for Higher Studies and Employment.
32.	Ac.C/041525/2018 dated 17-04-2019	Sree Sankaracharya University of Sanskrit Kalady	B.A Tripple Main (Sanskrit, History, Phylosophy)(Regular)	Recognized as an eligible qualification for Higher Studies and Employment in the field of History.
33.	Ac.C/026417/2016 dated 16-04-2019	Karpagam University (Deemed to be University)	Ph.D Degree in Physics awarded to Smt. Shiney. A.	Recognized as an eligible qualification for higher studies and employment in the field of Physics.

34.	Ac.C/0409912018 dated 11-04-2019	Anna University Coimbatore Insti- tute of Technology Coimbatore(Auton- omous)	M.E Degree in Embedded and Real Time Systems (Reg- ular)	Recognized as equivalent to M.Tech Degree in Embedded Systems of this University.
35.	Ac.C/043901/2018 dated 17-04-2019	University of Kerala	Ph.D Degree in Man- agement awarded to Binu.R.	Recognized as an eligible qualification for the purpose of applying for research guideship in commerce as well as for em- ployment and related benefits in the field of commerce.
36.	Ac.C/044715/2018 dated 17-04-2019	Mahatma Gandhi University through Sacred Heart College (Autono- mous), Thevara	M.Sc Degree in Phar- maceutical Chemis- try (Regular)	Recognized for the purpose of higher studies and Employment in the field of Chemistry.
37.	Ac.C/045250/2019 dated 17-04-2019	University of Madras through Justice Basheer Ahammed Sayeed College for Women (Autonomous)	MA Degree in En- glish (Regular)	Recognized as equivalent to MA Degree in English Language and Literature of University of Kerala.
38.	Ac.C/042530/2019 dated 12-07-2019	Dr. NTR University of Health Sciences, Andrapradesh	M.Sc Degree in Applied Nutrition (Regular)	Recognized as an eligible qual- ification for the post of Asst. Professor in Specialization of Food and Nutrition.
39.	Ac.C/04 2019 dated 17-04-2019	Tamil Nadu Agri- cultural University	Ph.D in Agricultural Extension	Recognized for the purpose of Research Guideship in the dis- cipline of Aquatic Biology and Fisheries
40.	Ac.C/04303/2018 dated 17-04-2019	Makhanlal Chaturvedi Rash- triya Patrakarita Viswa Vidyalaya, Bhopal	B.C.A(Regular)	Recognized as an eligible qual- ification for higher studies and employment.
41.	Ac.C/0045218/2018 dated 22-05-2019	Christ Universi- ty(Deemed),Ban- galore	B.Com with special- ization in Finance	Recognized as an eligible qualification for the purpose of higher education in the field of Commerce.
42.	Ac.C/040604/2018 dated 20-04-2019	University of Madras	B.A Public Adminis- tration (Distance)	Recognized as an eligible qualification for the purpose of higher studies and employment in the relevant field.
43.	Ac.C/0406052018 dated 20-04-2019	University of Madras	M.A Public Adminis- tration (Distance)	Recognized as an eligible qualification for the purpose of higher studies and employment in the relevant field.
44.	Ac.C/044170/2018 dated 17-04-2019	Madurai Kamaraj University	B.Sc Hotel Manage- ment and Catering Science(Distance)	Recognised as an eligible qualification for the purpose of higher studies and employment in the field of Physics.
45.	Ac.C/045630/2019 dated 20-04-2019	Indian institute of Space Science and Technology, Thiruvananthapur- am (Deemed to be University)	Ph.D Degree in Physics awarded to Rohith. M.	Recognised as an eligible qualification for the purpose of higher studies and employment in the field of Physics.
46.	Ac.C/036096/2017 dated 20-04-2019	Christ University (Deemed)	Master of the Social Work (Clinical and Community Practice) (Regular)	Recognised for the purpose of higher studies and employment in the field of Social Work.

47.	Ac.C/041704/2018 dated 20-04-2019	Madurai Kamaraj University	Ph.D Degree in Botany awarded to Nima. P.	Recognised as an eligible qualification for the purpose of higher studies and employment in the field of Botany.
48.	Ac.C/042975/2018 dated 20-04-2019	Alagappa Univer- sity	B.Sc degree in Avi- ation Maintenance Science (Regular)	Recognised as an eligible quali- fication for admission to M.B.A programme of University of Kerala.
49.	Ac.C/041216/2018 dated 20-04-2019	University of Cal- cutta	B.Sc degree in Chemistry (Three year Honours) (Reg- ular)	Recognised for the purpose of higher studies and employment in the field of Chemistry.
50.	Ac.C/041217/2018 dated 20-04-2019	University of Cal- cutta	M.Sc degree in Pure Chemistry (Regular)	Recognised as an eligible for employment, higher studies and for research guideship in Chemistry.
51.	Ac.C/044151/2018 dated 20-04-2019	University of Calicut	B.B.A (Private) Degree	Recognized for the purpose of admission to M.B.A Programme.
52.	Ac.C/ 030276/2017 dated 22-04-2019	Mahatma Gandhi University	M.Phil Environment Management (Reg- ular)	Recognized as an eligible quali- fication for the purpose of high- er education and employment in the field of Zoology.
53.	Ac.C/ 024373/2016 dated 22-04-2019	University of Madras	Bachelor of Music (Distance)	Recognized as an under gradu- ate Degree in Music.
54.	Ac.C/ 041283/2018 dated 20-04-2019	Manonmaniam Sundaranar Uni- versity	Ph.D Degree in Phys- ics awarded to Smt. Dipunadas. C. N.	Recognized for the purpose of higher studies and employment in the field of Physics.
55.	Ac.C/ 035011/2017 dated 25-04-2019	Periyar Institute of distance Education (PRIDE), Periyar University	B.A Degree in Histo- ry (Distance)	Recognized for the purpose of higher studies and employment in the field of History.
56.	Ac.C/ 038246/2018 dated 25-04-2019	University of Calicut	Bachelor of Physical Education (Integrat- ed) (Regular)	Recognized for the purpose of higher studies and employment.
57.	Ac.C/036933/2018 dated 09-04-2019	Anna University, Chennai through Coimbatore Insti- tute of Technology (Autonomous), Coimbatore	M.E Degree in com- munication Engi- neering (Regular)	Recognized for the purpose of employment.
58.	Ac.C/038629/2018 dated 09-04-2019	Karunya Institute of Technology and Sciences, Coim- batore (Deemed to be University)	M.Tech Degree in Computer Science and Engineering (Regular)	Recognized for the purpose of employment as Higher Second- ary School Teacher in Govt. Aided Schools.
59.	Ac.C/031340/2017 dated 20-04-2019	University of Kerala	Ph.D.Degree in Man- agement	Recognized for the purpose of employment in the field of Commerce.
60.	Ac.C/05661/2014 dated 20-04-2019	Bharathiar Univer- sity, Coimbatore through distance mode	M.Sc. Degree in Computer Science	Recognized as equivalent to M.Sc Computer Science under distance mode of this Univer- sity.
61.	Ac.C/030531/2017 dated 22-04-2019	Rashtriya Sanskrit Sansthan, New Delhi, (Deemed)	M.A.Degree in Sanskrit (Acharya) (Navya Vyakaranam) (Distance)	Recognized for the purpose of getting promotion as HSST Sanskrit.



62.	Ac.C/031676/2017 dated 20-04-2019	Mahatma Gandhi University, Kottayam	B.Sc. Degree (Core Course- Botany) (Vocational Core Course- Food Microbiology) Model II (Regular)	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Botany.
63.	Ac.C/043306/2018 dated 22-04-2019	Manonmaniam Sundaranar University, Tirunelveli	M.Phil. Degree in Microbial Technology (Regular)	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Microbiology.
64.	Ac.C/042135/2018 dated 20-04-2019	Lovely Professional University, (State Private University) Phagwara, Punjab	B.Tech Degree in Mechanical Engineering (Regular) (Full Time)	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Mechanical Engineering.
65.	Ac.C/045211/2017 dated 22-04-2019	Bharathiar University through Rathnavel Subramaniam College of Arts and Science (Autonomous), Sular	MSc Degree in Microbiology (Regular)	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Microbiology.
66.	Ac.C/045213/2018 dated 22-04-2019	Mahatma Gandhi University, Kottayam	M.Phil. Degree in Environment Management (Regular)	Recognized as an eligible qualification for the purpose of higher studies in the field of Environmental Sciences.
67.	Ac.C/045354/2018 dated 20-04-2019	Bharathidasan University, Tiruchirappalli	B.F.A. Degree in Painting (Regular) (Four Year Integrated)	Recognized as an eligible qualification for the purpose of admission to M.F.A. Programme.
68.	Ac.C/041799/2018 dated 20-04-2019	Sree Sankaracharya University of Sanskrit, Kalady	M.Phil. Degree in Translation Studies (Regular)	Recognized as an eligible qualification for the purpose of higher studies in the field of Linguistics.
69.	Ac.C/042645/2018 dated 20-04-2019	Maharaja Ganga Singh (M.G.S) University, Bikaner (Formerly University of Bikaner)	BSc Degree (Chemistry, Botany and Zoology) (Regular)	Recognized as an eligible qualification for the purpose of higher studies in the field of Botany.
70.	Ac.C/039155/2018 dated 27-04-2019	Periyar University, Salem	Ph.D Degree in History awarded to Dhanya. B. Nair	Recognized as an eligible qualification for the purpose of higher studies in the field of History.
71.	Ac.C/ 032127/2017 dated 03-05-2019	Visvesvaraya Technological University, Belgaum	M.Sc Engineering by Research in Faculty of Mechanical Engineering Sciences (Regular) Degree	Recognized for higher studies and employment, except for teaching profession.
72.	Ac.C/2018 dated 03-05-2019	Recognition of Examinations/ Degrees of State Boards/Statutory Universities/ Deemed Universities/Other Institutions		Resolved to authorize the Vice Chancellor to make arrangements for holding special meetings of the Boards of Studies and Faculties in Sciences and Applied Sciences, along with conduct of workshops, to suitably modify the post graduate syllabus in order to incorporate advanced topics, in line with institutions of national importance, by reducing the repetition of content in the under graduate syllabus for purpose of consolidation.

73.	Ac.C/ 032001/2017 dated 07-05-2019	Karunya University (Deemed), Coimbatore	Ph.D Degree in Electronics and Communication Engineering awarded to Prescilla. K.	Recognized as a research degree (Ph.D) in the field of Electronics and Communication Engineering of University of Kerala.
74.	Ac.C/ 041550/2018 dated 07-05-2019	University of Kerala	M.Phil Degree in Futures Studies	Resolved inter alia that the Admission criteria for M.Phil Programme in Futures Studies be limited to subjects in which faculty membership is available, or else a co-guide in the subject concerned be ensured.
75.	Ac.C/ 037484/2018 dated 09-05-2019	Indian Institute of Technology, Bombay	M.Tech Electrical Engineering with specialization in Electronic systems (Regular)	Recognized as equivalent to M.Tech degree in Electronics and Communication Engineering of University of Kerala.
76.	Ac.C/044710/2018 dated 26-04-2019	Utkal University through Buxi Jagabandhu Bidyadhar College (Autonomous), Bhubaneswar	B.Sc (Honours) Zoology (Regular)	Recognized for the purpose of higher education and employment in the field of Zoology.
77.	Ac.C/032418/2017 dated 13-11-2018	Mahatma Gandhi University, Kottayam	Ph.D.Degree in Management Studies (Commerce) awarded to Smt.Asha. R. Nair	Recognized as an eligible qualification for the purpose of applying for Ph.D Guideship, Career advancement and higher studies in Commerce.
78.	Ac.C/042163/2018. dated 22/10/2018	Bangalore University through Kristu Jayanti College (Autonomous), Bengalure	B.ComDegree (Regular)	Recognized as an eligible qualification for the purpose of both higher education and employment.
79.	Ac.C/041430/2018 dated 27.10.2018	University of Kerala	Ph.D.Degree in Biotechnology awarded to Sri. Abdul Rash-eed. V. T	Recognized as an eligible qualification for the purpose of both higher education and employment in the field of Zoology.
80.	Ac.C/040222/2018. dated 27-10-2018	Bharathiar University	M.A.Degree in Journalism and Mass Communication (Regular)	Recognized as equivalent to Master of Communication and Journalism of the University of Kerala.
81.	Ac.C/041788/2018. dated 03-11-2018	Annamalai University	B.A.Degree in Police Administration (Distance mode)	Recognized as a minimum qualification for admission to LL.B. programme.
82.	Ac.C/040956/2018 dated 30-10-2018	Cochin University of Science and Technology, Kochi	Ph.D.Degree in Applied Economics under the Faculty of Social Sciences awarded to Sri. Rajesh. R.	Recognized as a Ph.D Degree in Economics.
83.	Ac.C/030014/2018 dated 03-11-2018	University of Mysore through St.Philomena's College, Mysore (Autonomous)	Triple main B.A. Degree in Christianity, English (OPT) & Sociology (Regular)	Recognized equivalent B.A. Degree in English Language and Literature of this University for the purpose of both higher education and employment.
84.	Ac.C/038181/2018 dated 09-11-2018	Central University of Tamil Nadu	M.Sc. Physics (Five Year Integrated) (Regular)	Recognized as a PG Degree acquired through a UG degree in the same discipline for the purpose of higher studies and employment in the field of Physics

85.	Ac.C/041211/2018 dated 09-11-2018	Annamalai University	Ph.D Degree in Physics awarded to Sri. S. R. Gibin	Recognized as an eligible qualification for higher education and employment.
86.	Ac.C/040343/2018 dated 29-10-2018	Periyar University through Selvamm Arts and Science College (Autonomous), Namakkal	M.Sc. Physics (Regular)	Recognized as an eligible qualification for higher studies and employment.
87.	Ac.C/043251/2018 dated 12.11.2018	Osmania University through St. Francis College for Women (Autonomous)	B.Com (Professional)	Recognized as an eligible qualification for the purpose of higher education and employment.
88.	No.Ac.C/041554/2018 dated, 17.11.2018	Cochin University of Science and Technology, Kochi.	Ph.D. Degree in Marine Geology awarded to Smt. Maya. K.	recognized as an eligible qualification for guideship in the field of Geology.
89.	Ac.C/041251/2018 dated 19-11-2018	University of Mysore	B.Ed Degree in History and English (Double Optional) (Regular)	Recognized as equivalent to B.Ed Degree in Social Science of University of Kerala for the purpose of employment.
90.	Ac.C/029650/2017 dated 23-11-2018	University of Oslo, Norway	Ph.D.Degree from the Department of Chemistry under the Faculty of Mathematics and Natural Science awarded to Sri.Jayakumar Karthikeyan	Recognized an eligible qualification for the purpose of employment in the field of Chemistry.
91.	Ac.C/035998/2017 dated 22-11-2018	University of South Bohemia	Ph.D.Degree in Fishery under the Faculty of Fisheries and Protection of Waters awarded to Sri. Syam Krishna.B.	Recognized as an eligible qualification for the purpose of both higher studies and employment in the field of Chemistry.
92.	Ac.C/035211/2017. dated 23-11-2018	National University of Singapore	Ph.D.Degree in Chemistry awarded to Smt.Anjana.C. P.	Recognized as an eligible qualification for the purpose of employment in the field of Chemistry.
93.	Ac.C./044620/2018 dated 05-12-2018	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore(Deemed University)	Ph.D.Degree in Economics awarded to Smt. Mahima. S	Recognized as a Ph.D Degree in Economics
94.	Ac.c/041267/2018 dated 14/11/2018	Alagappa University	M.A Sociology(Distance)	Recognized as equivalent to M.A Degree in Sociology(Distance) of the University of Kerala.
95.	Acc/042647/2018 dtd 06/12/2018	Anna University	M.Sc Applied Geology	Recognized as equivalent to M.Sc Geology of the University of Kerala
96.	Acc/042297/2018 dtd 26/12/2018	Anna University	B.Sc Multimedia	Recognized for the purpose of admission to any programme where any degree is the prescribed qualification.
97.	Ac.C/037280/2017 dated 23-11-2018	University of Kerala	Ph.D Degree in Computational Biology and Bioinformatics awarded to Smt. Biji.C.L.	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Electronics and Communication Engineering under the Faculty of Engineering and Technology.

98.	Ac.C/043881/2018 dated 24-12-2018	Alagappa University, Karai-kudi through Nehru College of Aeronautics and Applied Sciences, Coimbatore	B.Sc. Aeronautical Science (Off campus-Collaborative mode) Degree	Recognized as an eligible qualification for admission to M.B.A programme of the University of Kerala.
99.	Ac.C/038398/2018 dated, 22.12.18	Cape Peninsula University of Technology, Cape Town	Doctor of Technology Degree in Chemistry awarded to Smt. Sneha Mohan	Recognized as an eligible qualification for higher studies and employment in the field of Chemistry.
100.	Acc/040847/2018 dtd 27/12/2018	Bharathiar University through karpagam Arts and Science College(Autonomous)	M.Sc Industrial Biotechnology	Recognized as eligible for higher studies and employment in the field of Biotechnology
101.	Acc/043651/2018 dtd 26/12/2018	University of Lucknow	B.Ed double main(English, Geography)	Recognized as equivalent to B.Ed in Geography of the University of Kerala.
102.	Ac.C/032542/2017 dated 26-12-2018	Manipal Academy of Higher Education (Deemed University ) through Manipal Institute of Technology (A Constituent Institution of Manipal University)	B.E.Degree in Civil Engineering (Regular)	Recognized as an eligible qualification for the purpose of higher education and employment.
103.	Ac.C/032785/2017 dated, 04.01.19.	University of Manchester.	Ph.D. Degree in Inorganic Chemistry in the Faculty of Science and Engineering awarded to Smt. Punarja. M.	Recognized as an eligible qualification for employment in the field of Chemistry.
104.	Ac.C/043047/2018 dated 26-12-2018	University of Madras through Loyola College (Autonomous), Chennai	M.A. Degree in English Literature	Recognized as equivalent to M.A. Degree in English Language and Literature of the University of Kerala.
105.	Ac.C/043290/2018 dated 26-12-2018	International Institute for Population Sciences (Deemed to be University), Deonar, Mumbai	M.Phil.Degree in Population Studies (One year)	Recognized as an eligible qualification for higher studies (Ph.D in Demography).
106.	Ac.C/041053/2018 dated 15-10-2018	Tamil Nadu Teachers Education University	B.Ed. Degree (Regular) (Optional-I- Biological Science, Optional-II- Tamil)	Recognized as equivalent to B.Ed. Degree in Natural Science of this University
107.	Ac.C/039559/2018 dated 24-10-2018	University of Lucknow	B.A. (Double main) Degree in Geography and English (Regular)	Recognized as an eligible qualification for higher studies and employment in the field of Geography.
108.	Ac.C/040590/2018 dated 07-11-2018	Periyar University	B.Com. Degree in Co-operation through Distance mode	Recognized as an eligible qualification for higher studies and employment in the field concerned.
109.	Ac.C/038840/2018 dated 01-12-2018	University of Nova Gorica, Nova Gorica, Slovenia	Doctor of Science in Physics	Recognized for the purpose of higher studies and employment.

110.	Ac.C/041759/2018 dated 05-12-2018	Noorul Islam Centre for Higher Education (Deemed to be University)	B.B.A.Degree (Regular)	Recognized as an eligible qualification for higher studies and employment.
111.	Ac.C/044075/2018 dated 29-12-2018	Tamil Nadu Teachers Education University	B.Ed.Degree with Economics as optional subject (Regular)	Recognized as equivalent to B.Ed. Degree in Social Science of this University
112.	Ac.C/041531/2018 dated 29-12-2018	Krantiguru Shyamji Krishna Verma, Kachchh University	B.Sc. Degree in Microbiology (Hons) (Regular)	Recognized as an eligible qualification for higher studies in M.Sc. Degree in Microbiology/ Biotechnology offered by the University of Kerala.
113.	Ac.C/038363/2018 dated -12-2018	University of Mysore through Regional Institute of Education, Mysore	B.Ed. Degree in Biological and Physical Sciences (Regular)	Recognized as equivalent to B.Ed. Degree in Natural Science of this University
114.	Ac.C/040129/2018 dated 03-01-2019	Maulana Abdul Kalam Azad University of Technology (formerly West Bengal University of Technology)	B.Sc. (Honours) Degree in Biotechnology (Regular)	Recognised as an eligible qualification for higher studies and employment in the field of Biotechnology.
115.	Ac.C/2018 dated, 13.11.2018	Equivalence of B.C.A. Degree of M.G. University with B.Sc Computer Science.	Equivalence of B.C.A. Degree of M.G. University with B.Sc Computer Science.	Recognized as an eligible qualification for employment wherever B.Sc Computer Science of the University of Kerala is the Prescribed Qualification.
116.	Ac.C/044619/2018 dated 28/11/2018	Delft University of Technology, Netherlands	Ph.D Degree	Recognized as an eligible qualification for higher education and employment in the field of Physics.
117.	Ac.C/043187/2018 dated 27-12-2018	Alagappa University	Ph.D Degree in Education awarded to Smt. M.P. Sheela Rani	Recognized as a Ph.D degree in Education.
118.	Ac.C/044393/2018. dated 01-01-2019	Karpagam Academy of Higher Education (Deemed to be University), Coimbatore	Ph.D.Degree Commerce awarded to Smt.Priya Kumari. S. V.	Recognized as an eligible qualification for employment in the field of Commerce.
119.	Ac.C/034969/2017 dated, 04.01.19.	Bharathiar University Coimbatore through Konganadu Arts and Science College (Autonomous)	Ph.D. Degree in Botany awarded to Smt. Divya. K. R.	Recognized as an eligible qualification for employment in the field of Botany.
120.	Ac.C/042190/2018 dated 04-01-2019	Bharathiar University	M.A Degree in History (Distance Mode)	Recognized as an eligible qualification for higher studies and employment.
121.	Ac.C/038302/2018 dtd 04/01/2019	Tamil Nadu Teacher Education University	B.Ed(Innovation in teaching in English&content and method of Teaching in English)	Recognized as equivalent to B.Ed Degree in English.
122.	Acc/041625/2018 dtd 04/01/2019	Homibhabha National Institute	Ph.D Chemical Science	Recognized as eligible qualification for employment in the field of Chemistry.

123.	Ac.C/041588/2018 dated, 27.12.2018	Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya	Ph.D. Degree in Sanskrit awarded to Smt. Lakshmi Vijayan. V. T.	recognized as a Ph.D Degree in Sanskrit.
124.	Ac.C/038888/2018 dated, 01.01.2019	University of Madras through Justice Basheer Ahmed Sayeed College for Women (Autonomous)	B.A.Degree in English	Recognized as equivalent to B.A. Degree in English Language and Literature of this University.
125.	Ac.C/020988/2018. dated 04-01-2019	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore (Deemed University)	M.Sc. Degree in Family Resource Management (Regular)	Recognized as equivalent to M.Sc. Degree in Home Science (Family Resource Management) of the University of Kerala.
126.	Ac.C/043958/2018. dated 04-01-2019	Bangalore University through Kristu Jayanti College (Autonomous), Bengaluru	B.Com Degree (Tourism Vocational) (Regular)	Recognized as an eligible qualification for higher education and employment.
127.	Ac.C/041550/2018 dated 07-01-2019	University of Kerala	M.Phil Degree in Future Studies	Recognized as an eligible qualification for higher studies and employment in the field of Commerce.
128.	Ac.C/043526/2018 dated 07-01-2019	Deccan College Post-Graduate and Research Institute (Deemed University)	M.A. Degree in Ancient Indian History, Culture and Archaeology (Regular)	Recognized as an eligible post graduate qualification in the field of Archaeology for higher studies and employment.
129.	Ac.C/041558/2018 dated 01-01-2019	Bharathiar University	M.B.A (Human Resource Management) Degree through Centre for Participatory Programmes	Recognized as equivalent to M.B.A (Distance Mode) of University of Kerala in Human Resource Stream.
130.	Ac.C/039985/2018. dated 04-01-2019	Christ University (Deemed to be University), Bengaluru	M.A. Degree in Media and Communication Studies (Regular)	Recognized as an eligible qualification for higher studies and employment in the field of Journalism.
131.	Ac.C/033103/2017 dated 04-01-2019	Mother Teresa Women's University Kodaikanal through Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	M.A.Tamil (Regular)	Recognized as an eligible post graduate qualification in Tamil Language and Literature for the purpose of higher education and employment.
132.	No.Ac.C/2018.	Mahatma Gandhi University	M.Sc Degree in Plant Biotechnology (Regular)	Eligible qualification for doing M.Phil/Ph.D in Environmental Sciences in the University of Kerala.
133.	Ac.C/041613/2018 dated 07-01-2019	Pondicherry University	M.Sc. Degree in Economics (Regular) (5-Year Integrated)	Recognized as an M.A. Degree in Economics, acquired through B.A. Degree in Economics of this University, for the purpose of higher studies and employment.

134.	Ac.C/040130/2018 dated.07-01-2019	Bharathidasan University through the National College (Autonomous), Tiruchirappalli	M.Sc. Degree in Applied Geology (Regular)	Recognized for the purpose of employment in the field of Geology.
135.	Ac.C/041049/2018 dated.05-01-2019	Noorul Islam Centre for Higher Education (Deemed)	M.Phil. Degree in Physics (Regular)	Recognized for the purpose of higher studies and employment in the field of Physics.
136.	Ac.C/040436/2018 dated. 07-01-2019	Mangalore University	M.A. Degree in Economics (Correspondence Course)	Recognized as an eligible qualification for the purpose of employment in the field of Economics.
137.	Ac.C/044552/2019 dtd 04/01/2019	Annamalai University	M.A Population studies (Regular)	Recognized for higher studies in Demography
138.	Ac.C/043188/2018 dated, 05.01.2019	Mahatma Gandhi University, Kottayam	Ph.D.Degree in Environmental Science (Botany) awarded to Sri.Jose Mathew	Recognized as an eligible qualification for higher education and employment in the field of Botany.
139.	Ac.C/041394/2018 dated, 03.01.2019	Bharathiar University through PSG College of Arts & Science, Coimbatore (Autonomous)	M.Sc. Degree in Zoology	Recognized as as an eligible qualification for the purpose of both higher education and employment in the field of Zoology.
140.	Ac.C/041805/2018 dated 04-01-2019	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore (Deemed University)	Ph.D.Degree in Zoology awarded to Smt. Meena Janardhanan	Recognized as an eligible qualification for the purpose of both higher education and employment in the field of Zoology
141.	Ac.C/042787/2018 dated 24-01-2019	The Georg August University Göttingen, Germany	Ph.D (Dr.rer.nat) Degree in Chemistry	Recognized as an eligible qualification for higher education and employment in the field of Chemistry.
142.	Ac.C/035078/2018. dated 23-01-2019	Bharathiar University through Govt. Arts College (Autonomous), Coimbatore	M.Sc Geography (Regular)	Recognized as equivalent to M.Sc Geography degree of University of Kerala.
143.	Ac.C/030234/2017 dated 23-01-2019	The Tamil Nadu Dr. M.G.R. Medical University	B.Sc Medical Laboratory Technology (Regular)	Recognized for the purpose of admission to M.Sc Degree in Biotechnology.
144.	Ac.C/041176/2018 dated 23-01-2019	Madurai Kamaraj University	M.Sc Biochemical Technology (Regular)	Recognized as one of the eligible qualifications for higher studies and employment in the field of Biotechnology in University of Kerala
145.	Ac.C/040995/2018 dated 29-01-2019	University of Mumbai through St.Xaviers College (Autonomous), Mumbai.	B.A in Economics (Regular)	Recognized as equivalent to B.A degree Economics of University of Kerala for higher education and employment.
146.	Ac.C/038104/2018 dated 29-01-2019	Annamalai University	B.A. Degree in Public Administration (Distance)	Recognized as an eligible qualification for the purpose of higher studies (M.A. Public Administration).

147.	Ac.C/043129/2019 Dated 15-02-2019	Bangalore University through Mount Carmel College (Autonomous), Bangalore	B.A Degree in (Psychology, Economics, English) (Triple Main) (Regular)	Recognized as an eligible degree qualification for higher studies and employment in the field of English.
148.	Ac.C/043128/2019 dated 15-02-2019	University of Mysore	B.Ed. Degree in (English, Geography, Economics) (Regular)	Recognized as equivalent to one year B.Ed degree in English of University of Kerala.
149.	Ac.C/044321/2018 dated 16-02-2019	Andhra University through Government College (Autonomous), Rajahmundry	B.Sc. Degree in (Mathematics, Physics, Geology)	Recognized as an eligible qualification for the purpose of higher studies in Geology in the University of Kerala
150.	Acc/043236/2019 dtd 21/02/2019.	National Institute of Technology-Calicut	M.Tech degree in Civil Engineering (Environmental Geo Technology).	Recognized as an eligible qualification for higher studies in the field of Environmental Science
151.	No.Ac.C/045156/2018. dtd 21/02/2019.	Sri Sathya Sai Institute of Higher Learning (Deemed) University	B.Sc degree in Zoology (Honours) (Regular).	Recognized as equivalent to B.Sc degree in Zoology of University of Kerala.
152.	Ac.C/040962/2018 Dated 21-02-2019	Mahatma Gandhi University	M.B.A (off campus) (Distance)	Recognized as equivalent to M.B.A (Distance) of the University of Kerala for the purpose of higher studies. (2006-2008)
153.	Ac.C/043140/2018 dated 21-02-2019	Bangalore University through St. Joseph's College (Autonomous), Bengaluru	M.A. English (Regular)	Recognized as equivalent to M.A English Language and Literature (Regular) of this University.
154.	Ac.C/030326/2017 dated. 30-01-2019	Amrita Vishwa Vidyapeetham (Deemed University)	B.Sc. Degree in Physics and Mathematics (Regular)	Recognized for the purpose of employment in the field of Physics.
155.	Ac.C/043942/2018 dated. 26-12-2018	Indian Institute of Science, Bengaluru, through Centre for Nano Science and Engineering	Ph.D Degree in Interdisciplinary Program- Nano Science and Engineering	Recognized as an eligible qualification for employment in the field of Chemistry.
156.	Ac.C/041645/2018 dated 13-11-2018	Madurai Kamaraj University through Yadava College, Madurai (Autonomous)	B.A. Degree in History (Regular)	Recognized as equivalent to B.A. Degree in History of this University.
157.	Ac.C/042422/2018 dated 27-12-2018	Manonmaniam Sundaranar University	Ph.D degree in Education awarded to Smt. Jayakumary. S.	Recognized as a Ph.D Degree in Education of this University.
158.	Ac.C/042037/2018 dated 19-02-2019	Mahatma Gandhi University, Kottayam	M.Phil. Degree in Human Ecology and Natural History (Regular)	Recognized for higher studies especially Research, leading to Ph.D. Degree course in the discipline of History coming under the University of Kerala.
159.	Ac.C/044807/2018 dated 21-02-2019	Madurai Kamaraj University through Fatima College (Autonomous), Madurai	M.Sc. Degree in Chemistry (Regular)	Recognized as an eligible qualification for the purpose of both higher education and employment in the field of Chemistry.



160.	Ac.C/044735/2018 dated 21-02-2019	University of Kerala	Ph.D.degree in Bio-technology awarded to Smt.Swetha. S.	Recognized on content analysis as an eligible qualification for higher education and employment in the field of Microbiology
161.	Ac.C/043376/2018 dated 21-02-2019	Pondicherry University	M.A. Degree in Political Science (Five Year Integrated)	Recognized as equivalent to the M.A.Degree in Political Science of this University.
162.	Ac.C/045232/2019. dtd 22/02/2019.	Manonmaniam Sundarnar University through Scott Christian College(Autonomous)	B.Sc degree in Computer Science	equivalent to B.Sc degree in Computer Science of University of Kerala.
163.	Ac.C/038477/2018 dated 23-02-2019	Madurai Kamaraj University through Ayya Nadar Janaki Ammal College (Autonomous), Sivakasi	M.Sc. Microbiology (Regular)	Recognized as an eligible qualification for higher studies and employment.
164.	Ac.C/038477/2018 dated 23-02-2019	Bangalore University through St. Joseph's College (Autonomous), Bengaluru	M.Sc. Physics (Regular)	Recognized as equivalent to M.Sc Physics (Regular) of this University.
165.	Ac.C/045333/2018 dated 23-02-2019	Homi Bhabha National Institute (Deemed University)	Ph.D Degree in Chemistry awarded to Sri. Ajesh. P. Thomas	Recognized as an eligible qualification for employment in the field of Chemistry.
166.	Ac.C/041821/2018. dtd 22/02/2019.	Mahatma Gandhi University,Kottayam	Master of Tourism Administration(Regular)	Recognized asEquivalent to Master of Tourism Administration of University of Kerala.
167.	Ac.C/ 2018 dated 27-12-2018	University of Mysore	B.Sc.Ed	Recognized as equivalent to B.Ed Degree in Mathematics of this University.
168.	Acc/033511/2017 dtd 02/02/2019	Amritha Viswa vidyapeetham (Deemed) University	B.Sc Microbiology(-Regular)	For higher studies and employment.
169.	Ac.C/044734/2018 dated 21-02-2019	University of Kerala	Ph.D.Degree in Bio-technology awarded to Smt. Nimisha. R. Nair	Recognized as an eligible for employment in the field of Microbiology.
170.	Ac.C/044749/2018 dated 22-0-2019	University of Kerala	Ph.D.Degree in Bio-technology awarded to Smt. Supriya. R.	Recognized as an eligible qualification for higher education and employment in the field of Microbiology on the basis of the relation to the field.
171.	Ac.C/042274/2018 dated 22-02-2019	Bharathiar University through CMS College of Science & Commerce (Autonomous), Coimbatore	B.A.Degree in English Literature (Regular)	Recognized as equivalent to B.A. Degree in English Language and Literature of this University for the purpose of both higher education and employment.
172.	Ac.C/043401/2018 dated 22 -02-2019	University of Calicut	B.A. Degree in Economics with Foreign Trade (Regular)	Recognized as equivalent to B.A.Degree in Economics of this University.

173.	Ac.C/043691/2018 dated 22 -02 -2019	Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram	Ph.D Degree	Recognized for the purpose of submitting application for research guideship in Biotechnology in the University of Kerala
174.	Ac.C/043623/2018 dated 22 -02-2019	Mahatma Gandhi University, Kottayam	B.Com Degree in Tourism and Travel Management (Off-Campus)	Recognized as an eligible qualification for the purpose of higher studies and employment.
175.	Ac.C/044958/2018 dated 22-02-2019	Cochin University of Science and Technology	M.Phil. Degree in Fisheries Science (Regular)	Recognized as an eligible qualification for pursuing higher education in Zoology (Ph.D Programme) offered by the University of Kerala.
176.	Ac.C/034727/2017 dated, 05.11.2018	Karunya University (Deemed)	Ph.D. Degree in Physics awarded to Smt. Sherin. J. S.	Recognized as an eligible qualification for employment in the field of Physics.
177.	Ac.C/039799/2018 dated, 05.11.2018	Dublin Institute of Technology, Dublin	Ph.D Degree in the Faculty of Engineering awarded to Smt. Sithara. S. P.	Recognized as an eligible qualification for higher studies and employment in the field of Physics.
178.	Ac.C/041479/2018. dated, 24/10/2018	Nagoya University, Japan	Degree of Doctor of Engineering awarded to Sri. Sreenath. S.	Recognized as an eligible qualification for higher studies and employment in the field of Physics.
179.	Ac.C/035479/2017 dated, 25.10.2018	University of Kerala	Ph.D. Degree in the Faculty of Engineering and Technology (Bioinformatics) awarded to Sri. Vinod Chandra. S. S.	Recognized as an eligible qualification for higher studies and employment in the field of Computer Science and Engineering
180.	Ac.C/040781/2018 eated, 07.11.2018	IISER Thiruvananthapuram	Five Year BS-MS Dual Degree in Chemical Sciences with Physical Sciences as minor	Recognized as a Post Graduate Degree through UG degree for the purpose of higher studies and employment in the field of Chemistry.
181.	Ac.C/044317/2018 dated 19-03-2019	Annamalai University	M.A Political Science (Distance)	Recognized as an equivalent to M.A Political Science of University of Kerala
182.	Ac.C/041589/2018 dated 25.03.2019	Kannur University	B.Sc. Degree in Mathematics (Honours) (Regular)	Recognized as an eligible qualification for higher education and employment in the field of Mathematics and Statistics.
183.	No.Ac.C/045539/2019 dated 27.03.2019	Christ (Deemed-to-be- University), Bangalore	B.A. Degree in Economics (Honours) (Regular)	Recognized as equivalent to the B.A. Degree in Economics of this University.
184.	Ac.C.045432/2019 dated 10-04-2019	Manonmaniam Sundaranam University, Tirunelveli	B.A. Degree in Tamil through Distance Mode	Recognized for higher education
185.	Ac.C.041610/2018 dated 10-04-2019	Visvesvaraya Technological University, Belagavi, Karnataka through M.S. Ramaiah Institute of Technology, Bangalore (Autonomous)	M.Tech. Degree in Biotechnology (Regular)	Recognized as an eligible qualification for higher education in the fields of Biotechnology and Bioinformatics.

186.	Ac.C.045735/2019 dated 10-04-2019	Manonmaniam Sundaranar University, Tirunelveli	B.Ed. Degree in Advanced Tamil and Tamil Education (Regular)	Recognized as equivalent to B.Ed. Degree in Tamil of this University.
187.	Ac.C.046191/2019 dated 10-04-2019	Manonmaniam Sundaranar University, Tirunelveli	B.Ed. Degree in Tamil and Special Tamil (Regular)	Recognized as equivalent to B.Ed. Degree in Tamil of this University.
188.	Ac.C.042810/2019 dated 10-04-2019	Anna University through PSG College of Technology, Coimbatore (Autonomous)	M.Tech. Degree in Biotechnology (Regular)	Recognized as an eligible qualification for pursuing higher studies including research leading to Ph.D. in Biotechnology.
189.	Ac.C/044703/2018 dated 11-04-2019	Kerala Veterinary and Animal Sciences University	M.S. Biostatistics (Regular)	Recognized as an eligible qualification for the purpose of higher studies in Bioinformatics.
190.	No.Ac.C/035124/2017 dated, 14.05.2019	Rani Durgavati Vishwavidyalaya, Jabalpur	B.Sc Degree in Mathematics, Physics and Computer Science (Regular) (Triple Main)	Recognized as equivalent to the B.Sc Degree in Mathematics
191.	Ac.C/045951/2019 dated 20-05-2019	Gandhigram Rural Institute (Deemed University)	Ph.D Degree in English awarded to Smt. Ancy Elezabath John	Recognized as an eligible qualification for higher studies and employment in the field of English Language and Literature.
192.	Ac.C/037558/2018 dated 22-05-2019	Sri Sathya Sai Institute of Higher Learning (Deemed to be University)	M.Tech. Degree in Applied Optics (Regular)	Recognized as an eligible qualification for higher studies and employment in the field of Electronics and Communication (Optoelectronics and Optical Communication) under the Faculty of Applied Sciences and Technology.
193.	Ac.C/041819/2018 dated 21-05-2019	Amrita Viswavidyapeetham (Deemed University)	B.Sc Chemistry after three years of Five Year Integrated M.Sc Chemistry	Recognized as an eligible qualification for higher studies and employment in the field of Chemistry.
194.	Ac.C/043366/2019 dated 20-05-2019	University of Madras	M.Sc degree in Photonics and Biophotonics (Regular)	Recognized as an eligible qualification for higher studies and employment in the field of Photonics/ Optoelectronics.
195.	Ac.C/046437/2019 dated 22/05/2019	Banglore University through St.Joseph's College (Autonomous), Bengaluru.	M.Sc. Botany (Regular)	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Botany.
196.	Ac.C/046695/2019 dated 22-05-2019	Manipal Academy of Higher Education (Deemed University)	M.Sc Degree in Geology (Regular)	Recognized as an eligible qualification for higher studies and employment.
197.	Ac.C/045820/2019 dated 20-05-2019	Bharathiar University	B.A Degree in Defence and Strategic Studies (Regular)	Recognized as an eligible qualification for higher studies and employment in the field of History
198.	Ac.C/041907/2018 dated 22-05-2019	Anna University through Dr. Mahalingam College of Engineering and Technology (Autonomous), Pollachi	B.E. Degree in Instrumentation and Control Engineering (Regular)	Recognized as equivalent to the B.Tech course in Applied Electronics and Instrumentation for the purpose of higher education and employment.

199.	Ac.C/037057/2018 dated 22-05-2019	Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram	Ph.D Degree in Biological Science awarded to Smt. Reema George	Recognised as an eligible qualification for higher education and employment in Biochemistry.
200.	Ac.C/0457328/2019 dated 22-05-2019	Deen Dayal Upadhyaya Gorakhpur University	B.A Degree in Philosophy and Physical Education (Regular)	Recognized as an eligible qualification for the purpose of higher education in the field of Physical Education
201.	Ac.C/046137/2019 dated 22-05-2019	Maharaja Sayajirao University of Baroda, Vadodara	B.Ed (Teaching of Mathematics, Teaching of Science)	Recognized as equivalent to B.Ed Degree in Mathematics of University of Kerala.
202.	Ac.C/046196/2019 dated 22-05-2019	Madurai Kamaraj University	B.B.A(Distance)	Recognized as an eligible qualification for the purpose of higher studies and employment.
203.	Ac.C/044170/2018 dated 17-04-2019	Savithribhai Phule Pune University(- Formerly University of Pune)	Five Year Integrated M.Sc Degree in Biotechnology(Regular)	Recognised as an eligible qualification for the purpose of higher studies and employment in the field of Biotechnology
204.	Ac.C/045361/2019 dated 22-05-2019	Cochin University of Science and Technology, Kochi	M.Sc Degree in Software Engineering (Five year integrated) (Regular)	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Computer Science.
205.	Ac.C/044514/2019 dated 22-05-2019	Bharathiar University through Nirmala College for Women Giombatore (Autonomous)	M.Sc. Botany (Regular)	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Botany
206.	Ac.C/045818/2019 dated 22-05-2019	Sree Chithra Thirunal Institute for Medical Sciences and Technology	Ph.D Degree in Physical Sciences	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Physics.
207.	Ac.C/038884/2019 dated 22-05-2019	B.Sc Degree in Forestry (Regular)	University of Agricultural and Horticultural Sciences Shivamogga, Karnataka	Recognized as an eligible qualification for the purpose of higher education in the field of Environmental Sciences.
208.	Ac.C/038884/2018 dated 22-05-2019	Forest Research Institute (Deemed-to-be University) Dehradun	M.Sc Degree in Environment Management (Regular)	Recognized as an eligible qualification for the purpose of higher studies in the field of Environmental Sciences.
209.	Ac.C/046987/2019 dated 22-05-2019	Amrita Vishwa Vidyapeetham University(Deemed University)	M.Com Degree (Regular)	Recognised as an eligible qualification for the purpose of higher studies and employment
210.	Ac.C/044854/2019 dated 22-05-2019	Cork Institute of Technology, Ireland	Ph.D Degree in Electronic Engineering	Recognised as an eligible qualification for employment as Assistant Professor in Electronics under the Faculty of Applied Science and Technology
211.	Ac.C/046822/2019 dated 22-05-2019	University of Kerala	Ph.D Degree in Bio Chemistry(Regular)	Recognized as an eligible qualification for Research Guide ship in the field of Biotechnology
212.	Ac.C/044952/2018 dated 22-05-2019	University of Allahabad	Triple main B.Sc Degree in Mathematics, Physics, Computer Science	Recognised as an eligible qualification for the purpose of higher studies and employment in the field of Physics.

213.	Ac.C/041514/2018 dated 28-05-2019	Tamil Nadu Open University	B.A. Degree in Tamil	Recognized as an eligible qualification for the purpose of higher studies.
214.	Ac.C/046658/2019 dated 29-05-2019	Amrita Vishwa Vidyapeetham University(Deemed University)	B.Sc Degree in Echocardiography Technology	Recognized for the purpose of admission to any programme of this University for which the prescribed qualification is a degree only without insisting on any particular discipline subject to other admission criteria being satisfied.
215.	Ac.C.044060/2019 dated 22-05-2019	Mother Teresa Womens Universi- ty, Kodaikanal	B.Sc. Degree in Infor- mation Technology (Regular)	Recognized for the purpose of higher education and employ- ment in the field of Computer Science provided the candidate had studied Mathematics at higher secondary level.
216.	Ac.C.044802/2019 dated 21-05-2019	Tamil Nadu Physi- cal Education and Sports University, Chennai	B.P.Ed. Degree (Regu- lar) (Two Year)	Recognized as an eligible qual- ification for higher education and employment.
217.	Ac.C.045430/2019 dated 14-05-2019	Bharathidasan University, Tiruchirappalli through St.Joseph's College (Autono- mous)	M.Phil. Degree in Mathematics (Reg- ular)	Recognized as an eligible qual- ification for higher education and employment.
218.	Ac.C.046257/2019 dated 22-05-2019	Indian Institute of Technology, Delhi	M.Tech. Degree in Applied Optics (Full Time)	Recognized for the purpose of employment in Physics in aided colleges
219.	Ac.C.045638/2019 dated 22-05-2019	Periyar University (Pride), Salem	M.A. Degree in Pub- lic Administration through Distance mode	Recognized as an eligible quali- fication for higher studies only
220.	Ac.C.045638/2019 dated 22-05-2019	Bharathiar Univer- sity, Coimbatore through CPOP Mode (Centre for Participatory and Online Pro- gramme)	B.Com (Computer Application)	Recognized as an eligible qual- ification for higher education and employment.
221.	Ac.C.045920/2019 dated 22-05-2019	Amrita Vishwa Vidyapeeth- am University (Deemed to be University)	B.Sc. Degree in Mathematics (Reg- ular)	Recognized as an eligible qual- ification for higher education and employment.
222.	Ac.C.046201/2019 dated 23-05-2019	Manonmaniam Sundaranar Uni- versity, Tirunelve- li through Sri. Parasakthi college for women(Auton- omous)	B.Com Degree (Reg- ular)	Recognized as an eligible qual- ification for higher education and employment.
223.	Ac.C/046280/2019 dated 01-07-2019	Andhra University	B.A Degree in Public Administration (Dis- tance)	Recognized as an eligible qualification for the purpose of higher studies where any degree is the prescribed qualification.
224.	Ac.C/045461/2019 dated 01-07-2019	Manglore Uni- versity through St. Agnes College (Autonomous)	B.A Degree (Office Management, Psychology & En- glish (o))	Recognized as an eligible qualification for the purpose of gaining admission to LL.B programme.

225.	Ac.C/046144/2019 dated 02-07-2019	University of Kerala	Ph.D Degree in Bio-technology	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Botany/ Plant Science
226.	Ac.C/046285/2019 dated 22-07-2019	Christ University (Deemed to be University)	B.A. (Psychology, Sociology, English) (Regular)	Recognized as an eligible qualification for doing B.Ed in English.
227.	Ac.C/045906/2019 dated 05-08-2019	Pt. Ravishankar Shukla University through Govt. J. Yoganandam Chhattisgarh College, Raipur (Autonomous)	B.Com Degree (Regular)	Recognized as an eligible qualification for the purpose of higher studies in University of Kerala.
228.	Ac.C/046870/2019. ated 07/08/2019	University of Madras through Loyola College (Autonomous)	M.Sc Degree in Chemistry (Regular)	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Chemistry.
229.	Ac.C/034906/2018 dated 05-08-2019	Mahatma Gandhi University	B.Sc. Model II Botany (Food Microbiology) (Regular)	Recognized as an eligible qualification for higher education and employment in the field of Botany.
230.	Ac.C.046344/2019 dated 19-06-2019	University of Madras through M.O.P. Vaishnav College for Women (Autonomous)	B.Com Degree in Corporate Secretaryship (Regular)	Recognized as an eligible qualification for higher education and employment.
231.	Ac.C.041050/2019 dated 01-07-2019	University of Mumbai	B.Ed. Degree in English and History (Regular) (Double Main)	Recognized as equivalent to B.Ed. Degree in History of this University.
232.	Ac.C.041050/2019 dated 01-07-2019	Madurai Kamaraj University through Hajee Karutha Rowther Howdia College (Autonomous), Uthamapalayam	M.Phil. Degree in History (Regular)	Recognized as an eligible qualification for higher education and employment.
233.	Ac.C.046678/2019 dated 03-08-2019	Mahatma Gandhi University, Kottayam	Ph.D. Degree in Bio-technology	Recognized as an eligible qualification for the purpose of higher studies and employment in the area of Microbiology.
234.	Ac.C.046778/2019 dated 05-08-2019	Karunya University, Coimbatore (Deemed)	M.Sc. Degree in Mathematics (Regular)	Recognized as an eligible qualification for higher studies and employment, subject to the condition that the recognition.
235.	Ac.C/046764/2019. dated 21/08/2019	Cochin University of Science and Technology, Kochi	M.Phil Degree in Life Sciences	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Zoology.
236.	No.Ac.C/045727/2019 dated: 20.05.2019.	Holy Spirit University of Kaslik	Ph.D Degree in Liturgy for the thesis entitled "Mariological Catechesis according to the Mosul Fenqitho – Translation and Theological Analysis of the Liturgy of the Hours for the Marian Feasts"	recognized as an eligible qualification for higher studies and employment in the field of Syriac Language and Literature.

237.	No.Ac.C/2019 dated: 29.05.2019	various IISERs	Five Year Integrated BS-MS Degrees in Life Sciences	Recognized as an eligible qualification for doing higher studies and employment wherever the basic qualification prescribed is a degree in any Life Sciences.
238.	No.Ac.C/047562/2019 dated: 29.06.2019	Pusan National University, South Korea	Ph.D Degree in Chemical Engineer- ing	Recognized as an eligible qualification for higher studies and employment in the field of Chemistry.
239.	No.Ac.C/038607/2019 dated 08.07.2019	Mangalore Univer- sity	M.Sc. Degree in Ana- lytical Chemistry	Recognized as an eligible qualification for higher studies and employment in the field of Chemistry.
240.	No.Ac.C/046988/2019 dated 10.07.2019	Sri Sathya Sai Institute of Higher Learning (Deemed to be University),	B.Ed Degree (with Physics as one of the Optionals) (Regular)	recognized as equivalent to the B.Ed. in Physical Science of this University.
241.	No.Ac.E1.A2/717/ BTY/16295/2018 dated 03.07.2019.	University of Kerala	M.Phil Degree in Environmental Sci- ence awarded to Ms Azeeja Ram. K.R	Recognized as an eligible qualification for pursuing Ph.D. in Biotechnology in the University of kerala.
242.	No.Ac.C/023545/2016 dated 07.08.2019	Anna University, Chennai through Kumaraguru Col- lege of Technology (Autonomous), Coimbatore	B.Tech. Degree in In- formation Technolgy (Regular)	Recognized by the University of Kerala as equivalent to the B.Tech Degree in Information Technology of this University.
243.	No.Ac.C/038611/2018 17.08.2019	Bharath Insti- tute of Higher Education and Research, Chennai (Deemed-to-Uni- versity).	Ph.D Degree in Bio- medical awarded to Sri.Gireeshan M.G	Recognized as an eligible qualification for higher studies and employment in the field of Electronics.
244.	414/2019/UOK File Reference Ac.C/047243/19	Indian Institute of Space Science and Technology, Thiru- vananthapuram.	Ph.D Degree in Chemistry award- ed TO Sri.Raneesh Konkola	Recognized as an eligible qualification for employment in the field of Chemistry.
245.	File Reference Ac.C/046783/19	Academy of Scien- tific and Innova- tive Research	Ph.D Degree in Chemical Engineer- ing	recognized as an eligible qualification for employment in the field of Chemistry.
246.	Ac.C/042550/2018 dated 07-08-2019	Mahathma Gandhi Kashi Vidyapith Varanasi	B.A Degree in Eco- nomics and Philoso- phy (Private)	Recognized for the purpose of higher studies and Employment in the field of Economics and Philosophy.
247.	Ac.C/045985/2019 dated 26-08-2019	Kannur University	M.A Degree in Rural and Tribal Sociology (Regular)	Recognised as an eligible qualification for the purpose of higher studies (applying for Ph.D in Sociology) and for employment.
248.	Ac.C/046888/2019 dated 24-08-2019	Mangalore Univer- sity	B.P.Ed Degree	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Physical Education.
249.	Ac.C/047068/2019 dated 25/10/2019	Christ University (Deemed to be Uni- versity), Bangalore	B.Sc Degree in Phys- ics, Chemistry, Math- ematics (Regular)	Recognized as an eligible qualification for higher education and employment wherever B.Sc Chemistry is the prescribed qualification.
250.	Ac.C/ 048717/2019 dated 25/10/2019	Bangalore Univer- sity through St. Joseph's College of Arts and Science (Autonomous), Bangalore	B.Sc Degree in Phys- ics, Chemistry, Math- ematics (Regular)	Recognized as an eligible qualification for higher studies and employment wherever B.Sc Chemistry with Mathematics and Physics as complementary subjects is the prescribed qualification.

251.	Ac.C/ 045806/2019 dated 26/10/2019	Madurai Kamaraj University through The American College (Autonomous), Madurai	M.Phil Degree in English (Regular)	Recognized as equivalent to M.Phil Degree in English of University of Kerala.
252.	Ac.C/ 049868/2019 dated 07/11/2019	Tamilnadu Teachers Education University, Chennai	B.Ed. Degree with optional subjects Biological Science and English (Regular)	Recognized as equivalent to B.Ed Natural Science of this University.
253.	Ac.C/ 048046/2019 dated 08/11/2019	Bharathiar University through PSG College of Arts and Science, Coimbatore (Autonomous)	B.Sc. Degree in Physics (Regular)	Recognized as an eligible qualification for the purpose of higher education and employment.
254.	Ac.C/ 050654/2019 dated 08/11/2019	Bharathiar University, Coimbatore	M.Sc. Degree in Mathematics through distance education	Recognized as an eligible qualification for higher education and employment.
255.	Ac.C/ 047811/2019 dated 11/11/2019	Sri Sathya Sai Institute of Higher Learning (Deemed to be University)	M.Sc. Degree in Physics (Regular)	Recognised as an eligible qualification for higher studies and employment in the area of Physics.
256.	Ac.C/ 046654/2019 dated 11/11/2019	Mahatma Gandhi University, Kottayam	M.Sc. Degree in Home Science (E) Food Service Management and Dietetics (Regular)	Recognized as equivalent to M.Sc Degree in Home Science (Food and Nutrition) of University of Kerala.
257.	Ac.C/ 048940/2019 dated 11/11/2019	Sri Sathya Sai Institute of Higher Learning (Deemed to be University)	M.Tech. Degree in Optoelectronics and Communications (Regular)	Recognized as an eligible qualification for the purpose of higher studies and employment.
258.	Ac.C/045242/2019 dated 29-10-2019	Andhra University through St.Joseph's College for Women (Autonomous), Visakhapatnam	B.Sc Home Science (Regular)	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Home Science.
259.	No.Ac.C/030531/2017. dated 20-04-2019	Rashtriya Sanskrit Sansthan, New Delhi, (Deemed)	M.A.Degree in Sanskrit (Acharya) (Navya Vyakaranam) (Distance)	Recognized for the purpose of getting promotion as HSST Sanskrit.
260.	No.Ac.C/20323/2019. dated 29-10-2019	Christ University, (Deemed) Bengaluru	B.Sc. Degree in Physics, Chemistry and Mathematics (Regular)	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Physics.
261.	No.Ac.C/017877/2019. dated 29-10-2019	Bharathidasan University through St. Joseph's College (Autonomous), Tiruchirappalli	B.A. Degree in English (Regular)	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of English.
262.	No.Ac.C/019103/2019 dated 29-10-2019	Bharathiar University, through PSG College of Arts and Science (Autonomous), Coimbatore	B.Sc. Degree in Physics (Regular)	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Physics.
263.	No.Ac.C/048337/2019. dated 02-10-2019	Karpagam University, Coimbatore (Deemed)	B.B.A. Degree (Regular)	Recognized as an eligible qualification for the purpose of higher studies and employment.



264.	No.Ac.C/047240/2019. dated 02-10-2019	University of Madras through Women's Christian College, Chennai (Autonomous)	B.Sc. Degree in Physics (Regular)	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Physics.
265.	No.Ac.C/048743/2019. dated 02-11-2019	Bharathiar University through PSGR Krishnammal College for Women, Coimbatore (Autonomous)	B.Sc. Degree in Physics (Regular)	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Physics.
266.	No.Ac.C/047776/2019. dated 29-10-2019	Kerala Agricultural University, Vellanikkara	Ph.D. Degree in Plant Pathology	Recognized as an eligible qualification for Recognized for the purpose of Research Guideship and also for employment in the field of Biotechnology.
267.	No.Ac.C/045817/2019. dated 02-10-2019	Karnataka Samskrit University, Bangalore	Vidwat Madhyama and Vidwat Uttama	Recognized as equivalent to B. A. Degree in Sanskrit and M. A. Degree in Sanskrit Special Jyothisa respectively.
268.	No.Ac.C/030700/2017. dated 29-10-2019	Otto-Von-Guericke University of Magdeburg, Germany	Ph.D. Degree in Natural Science	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Zoology.
269.	No.Ac.C/046862/2019 dated 02-10-2019	Tamil Nadu Teachers Education University	B.Ed. Degree with Biological Science as optional subject (Regular)	Recognized as equivalent to B.Ed. Degree in Natural Science of this University.
270.	No.Ac.C/049841/2019 dated 07-09-2019	Manonmaniam Sundaranar University, Tirunelveli	B.Ed. Degree in History (Regular)	Recognized as equivalent to the B.Ed. Degree in Social Science of this University.
271.	No.Ac.C/046931/2019 dated 22-10-2019	Mahatma Gandhi University, Kottayam	M.Sc. Degree in Biostatistics (Regular)	Recognized as an eligible qualification for higher studies (M.Phil / Ph.D. in Demography).
272.	No.Ac.C/048265/2019 dated 11-11-2019	University of Calicut	M.A. Degree in Malayalam with Journalism (Regular)	Recognized as an eligible qualification for the purpose of higher studies in the field of Malayalam Language and Literature.
273.	No.Ac.C/049516/2019 dated 11-11-2019	University of Madras through Madras School of Social Work, Chennai (Autonomous)	M.S.W. Degree in Community Development (Regular)	Recognized as equivalent to M.S.W. Degree of the University of Kerala.
274.	No.Ac.C/048532/2019 dated 11-11-2019	University of Madras through Madras Christian College, Chennai (Autonomous)	B.Sc. Degree in Statistics (Regular)	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Statistics.
275.	No.Ac.C/044472/2018 dated 11-11-2019	Mangalore University	B.Sc. Degree in Physics, Mathematics and Chemistry ( Regular)	Recognized as an eligible qualification for the purpose of higher studies and employment in the field of Mathematics.
276.	No.Ac.C/042621/2019 dated 11-11-2019	Annamalai University	B.A. Degree in Public Administration through Distance Mode	Recognized as an eligible qualification for the purpose of employment in the relevant field.
277.	No.Ac.C/050105/2019 dated 11-11-2019	Christ University, Bangalore (Deemed)	B.A. Degree in English (Honours) (Regular)	Recognized as an eligible qualification for the purpose of higher studies in the field of English Language and Literature.

3. **The Scheme and syllabus of the following programmes were revised during the year 2019:**  
The Syllabus of Integrated B.Ed M.Ed Programme to be introduced by the University has been approved and the Syllabus of the following courses were revised:  
Integrated B.Ed M.Ed Programme (3Years), B.Ed 2 year (2019), B.Tech Syllabus (2018 Scheme) offered at University College of Engineering, Kariavattom, Unitary degree course in Law (3 Year), Integrated 5 year LLB Courses(B.A LLB, B.Com LLB and BBA LLB)
4. Decided to reinstitute the provision of issuing Rank Certificates to the candidates securing First, Second and Third Positions in the CBCSS Examinations on the basis of CCPA(s)/CGPA(s), in the UGC format and to provide Position Certificates up to the tenth position, for the purpose of applying for Scholarship.
5. During 2019, 93 complaints were received from students/guardian/public Management/Principal were processed by the Grievance Redressal Cell
6. Two hundred and thirty five Merit scholarships @ Rs.5000/-per annum for UG courses and One hundred and eighty two Merit scholarships @Rs.5000/-per annum for PG courses were disbursed during the year 2019, to the eligible candidates undergoing the courses in the colleges/departments affiliated to the University. University scholarships @Rs.1500/-per mensem were also sanctioned to M.Phil students in the University departments Colleges, who doesnot avail any other scholarships. The details of scholarships /Fellowships sponsored by other Agencies to Ph.D. Students / Research scholars of the University Departments of Teaching and Research during the year 2019 are CSIR -30 Nos, KSCSTE - 52 Nos, INSPIRE – 22 Nos., ICSSR – 03 Nos., ICMR-03, DST WOS-A-01.
7. Fellowships/ Scholarships were distributed in respect of UGC JRF/SRF, Maulana Azad National Fellowship for Minority Students, Rajiv Gandhi National Fellowship for SC/ST candidates, UGC-BSR –RFSMS, Swami Vivekananda Single Girl Child Scholarship for Research in Social Sciences. The total number of awardees whose documents like Continuation Certificate, HRA and form of submitting accounts of Contingent Grant are being attested by the Registrar is nearly 600 (Six Hundred) on quarterly basis.
8. Certificate Verification of UGC NET-JRF is conducted on monthly basis. Altogether, 67 newly enrolled JRF's underwent certificate verification process and their master data were uploaded in the scholarship portal of UGC and the fellowships are disbursed to the research scholars without delay. Further extension of fellowship is also sanctioned to research scholars without any delay.
9. Verification Proforma cum Joining Report of newly selected awardees for the year 2018-19 in respect of various scholarships of UGC like MANF, NFOBC and SVSGC were uploaded in the portal as directed by the UGC.
10. Documents such as Joining Report and Bonafide Certificate of applicants of IGPG Scholarship and PG Merit Scholarship for University Rank Holders were attested by the Registrar for uploading by the candidates in the National Scholarship Portal for selection of awardees by UGC for the year 2019-20.
11. Further, upgradation of UGC JRF's to SRF's, MAN JRF's to SRF's and RGN JRF's to SRF's by conducting of the Assessment Committee meetings with an outside subject expert and Pro-Vice-Chancellor as Chairman is also carried out on a regular basis.
12. During the year 2019, 55Assessment Committee Meetings were conducted for the upgradation of UGC JRF to SRF and 11 Assessment Committee Meetings were conducted for the upgradation of MAN JRF to SRF, and 6 Assessment Committee Meetings were conducted for the upgradation of RGN JRF to SRF with Pro-Vice –Chancellor as Chairman of the Committee.
13. Migration of master data of awardees from Canara Bank Web Portal to Institution Based Web Portal of UGC of various fellowships sponsored by UGC like Emeritus Fellowship, Dr. S. Radhakrishnan Post Doctoral Fellowship, Post Doctoral Fellowship for SC/ST Students, Post Doctoral Fellowship for Women, Kothari Fellowship, UGC JRF, Joint CSIR-UGC JRF, Basic Scientific Research Fellowship for Science Students, Post Graduate Indira Gandhi Scholarship for Single Girl Child, Post Graduate Merit Scholarship for University Rank Holders, Rajiv Gandhi National Fellowship for SC Students, Maulana Azad National Students for Minority Students, Swami Vivekananda Single Girl Child Scholarship are done and their documents are uploaded through web portal of UGC for claiming fellowships without delay, on quarterly basis. Monthly Payment Confirmation of the above fellowships has also been marked in the portal through the MAKER-ID and approved by the CHECKER-ID on the strength of the documents attested by the Registrar.
14. The various fellowships sponsored by UGC whose payments are through University were brought under the Direct Benefit Transfer Scheme w.e.f 01.07.2016 by UGC through the Web Portal launched by the UGC. 150 awardees are receiving fellowships and scholarships under Manual to DBT scheme.
15. The following new colleges/courses were sanctioned during the period from 01.01.2019 to 31.12.2019:

## New Colleges

Sl No	College	Courses sanctioned	Intake sanctioned
1.	IMDR College of Advanced Studies, Purshothamgiri (Self-financing)	B.Com (Elective-Finance)	40 seats
		B.Com – Commerce & Tax Procedure & Practice under 2(a)	40 seats
		BBA	40 seats
2.	Travancore Arts Science College, Madathara (Self-financing)	B.Com – Commerce with Computer Application under 2(b)	40 seats
		B.Com (Elective-Finance)	40 seats
		BA English Language & Literature	40 seats
3.	Grace International Academy, Punalur (Self-financing)	B.Com – Commerce with Computer Applications under 2(b)	40 seats
		BBA	40 seats
		B Com (Elective -Finance)	40 seats
4.	Guru Nithyachaitanya Yathi College of Law and Research Centre, Kareelakulangara, Kayamkulam –Obtained approval from the Bar Council of India during 2019-20	BA LLB	60 seats

## New courses:

Sl.No	College	Courses sanctioned	Intake sanctioned
1.	Kerala Institute of Travel and Tourism, Thycaud	B.Com (Elective Travel and Tourism)	40 seats
2.	NSS Arts and Science College, Perayam	B.Sc Physics	32 seats
3.	Mar Gregorios College of Arts and Sciiecnce, Punnappra, Alappuzha	M Com Finance & Accounting	20 seats
4.	MSM College, Kayamkulam	M.A Malayalam	20 seats
5.	Sree Narayana Guru College of Advanced Studies, Sivagiri	B Com Elective-Co operation	40 seats
6.	Sree Narayana Guru College of Advanced Studies, Chempazhanthi	B.Sc Geology	24 seats
7.	Sree Narayana Guru College of Advanced Studies, Nangiarkulangara	B Com Commerce and Tax procedure and practice under 2(a)	40 seats
8.	Sree Narayana Guru College of Advanced Studies, Cherthala	B Com Elective- Computer Application	40 seats
9.	Govt. Arts College, Thiruvananthapuram	M.Sc Biotechnology	12 seats
10.	Govt. Sanskrit College, Thiruvananthapuram	M Phil Sanskrit	

16. University of Kerala conducts admissions to various UG & PG programmes of 143 institutions affiliated to the University. These institutions include 14 Govt. Colleges, 40 Aided colleges, 49 Self Financing colleges, 7 IHRD colleges and 33 UIT's. The process of admission for the academic year 2019-20 started by inviting requests for marginal increase from colleges in January 2019. The online registration for admissions to UG courses started on 10/05/2019. A total of 82899 students applied online for UG courses. The University had conducted 3 allotments, 3 supplementary allotments and one special allotment in online centralized manner. In addition to this, four zonal level spot allotments were conducted exclusively for SC/ST candidates. For the first time from the inception of online admission process, spot allotments were conducted for General and Other Categories in this academic year for filling up the maximum vacancies. For this, four regional general spot allotments and two centralized spot allotments were conducted in this year. Spot admissions were entirely under the supervision of University. The College level spot admission was conducted for self financing colleges and UIT's by deputing University officials as Observers. Spot admissions were also conducted for newly sanctioned courses at NSS College of Arts & Science, Perayam, KITTTS, Thycaud, SNGCAS, Chempazhanthy, SNGCAS, Cherthala, SNGCAS, Nangiarkulangara and SNGCAS Sivagiri by deputing University staff. A total of 33841 students got admitted to various UG programmes during the academic year 2019-20. The UG admissions were closed on 16/09/2019. The registration for admission to the PG courses started on 27/05/2019. A total of 14080 students had applied online for PG courses. The University had conducted 2 allotments, 3 supplementary allotments and one special allotment in online centralized manner. After the online allotment process, one centralized spot allotments was conducted for SC/ST candidates. Spot Allotments were conducted for General and Other Categories for filling up the maximum vacancies. For this, four regional general spot allotments and two

centralized spot allotments were conducted in this year. Spot admissions were entirely under the supervision of University. The College level spot admission was conducted for self financing colleges and UIT's by deputing University officials as Observers. Spot admissions were also conducted for newly sanctioned courses at MSM College, Kayamkulam and Mar Gregorios College of Arts & Science, Punnapra by deputing University staff. A total of 4738 students got admitted to various PG programmes during the academic year 2019-20. The PG admissions were closed on 16/09/2019.

17. Ph.D Entrance Examination was conducted on 04.05.2019 for the selection of candidates for admission to Ph.D programmes. The results were published on.26.06.2019.
18. Subject wise details of the no. of students who were given registration to Ph.D programmes during 2019 are Education (14), Economics(16), Political Science (5), Public Administration (1), Archaeology(2), Computational Biology & Bioinformatics (1), Environmental Sciences (8), Biotechnology (4), Malayalam (79), Sanskrit (4), Tamil (2), Linguistics (1), Management (5), Commerce (76), Communication & Journalism (2), Geography (6), Psychology (2), Chemistry (33), Zoology (20), Botany (12), Philosophy (3), Physics (30), Geology (7), Statistics (8), Law (7), English (10), Mathematics (23), Aquatic Biology & Fisheries (3), Hindi (10).
19. Twenty Three teaching faculties were granted recognition as Research Supervisors as detailed below:  
Biotechnology (3), Environmental Sciences (2), Education (3), Economics (3), History (3), Political Science (2), Physics (11), English (3), Mathematics (3), Aquatic Biology & Fisheries (1), Philosophy (2), Botany (4), Zoology (4), Home Science (2), Chemistry (18), Psychology (1), Geography (1), Communication & Journalism (1), Malayalam (7), Hindi (6), Sanskrit (2), Tamil (2), Commerce (6).
20. The following amendments were made in the Kerala University Statutes, Ordinances and Regulations during 2019.

Sl. No.	Notification No.	Date	Subject
1.	AcL/R/2804/2018	12/04/2019	Amendment to the Regulations relating to the First Degree Programmes under Choice Based Credit and Semester System 2013 Admissions.
2.	AcL/R/2798/2018	20/04/2019	Amendment to the Revised Regulations of M.Sc Degree Course in Electronics (2014) scheme).
3.	AcL/TQ/2801/2018	24/04/2019	Amendment to the Regulations relating to the Qualifications of teachers for appointment to the Post of Assistant Professor, Associate Professor and Professor In Biotechnology.
4.	AcL/R/2791/2017	08/05/2019	Amendment relating to the MPE Regulations (2017-2018 Academic year onwards)

5.	AcL/R/2817/2018	08/05/2019	Regulations relating to B.PEd (2year)under Choice Based Semester System)
6.	AcL/R/2815/2019	08/05/2019	Amendment to the Regulations relating to First Degree Programmes under CBCS System 2013admission
7.	AcL/R/2824B/2018	08/05/2019	Amendment to the Regulations relating to Post Graduate Courses Under Annual Pattern, 2016 admission

21. Details of Memorandum of Understanding (MoUs) signed by University of Kerala with various institutions

Details of Memorandum of Understanding (MoUs) signed by University of Kerala with various institutions					
Sl. No.	Name of the Institution	Name of the Department	Purpose of MoU	Year of Signing	Remarks
1	National Centre for Earth Science Studies (N-CESS)	Dept of Geology	collection of archival data (ground water level, ground water chemistry, aquifer properties, borehole lithology) from the Central and State government agencies pertaining to the WG 4 Project area.	2019	MoU signed on 16.04.2019 U.O.No. Ac.D/1/7680/2019 dated 17.04.2019
3	University of Hartford, USA	Department of Environmental Sciences	to engage the University of Kerala in the research project "Experiential Learning with Indian Educators: collecting local data to share with politicians and scientists" funded by National Geographic (Grant Number NGS- 55326E-19). This project brings teachers from across India, with emphasis on the Ganges and Indus river regions, to a five-day workshop to develop research skills in marine plastic pollution data collection.	2019	MoU signed on 21.06.2019 U.O.No. Ac.D/1/13961/2019 dated 26.06.2019
2	Cognub Decision Solutions, Pvt Ltd	Department of Statistics	to develop academic and industry cooperation, promote research interactions between subject experts and industry experts and to cooperate in their mutual interest	2019	MoU signed on 26.06.2019 U.O.No. Ac.D/2/44264/2017 dated 06.07.2019
4	University of Warsaw	Dept. of Political Science	to establish a formal understanding on cooperation and friendship which is intended to further the academic objectives of each institution and to promote better understanding between the faculty and students of both universities.	2019	MoU signed on 09.07.2019 U.O.No. Ac.D/1/2019 dated 03.09.2019
5	University of Shandong, China	Dept. of Political Science	To promote faculty exchange between two institutions along with research and academic exchange	2019	Framework of agreement signed on 29.07.2019 U.O.No. Ac.D/2/19174/2019 dated 03.08.2019
6	Lee Kong Chian Natural History Museum (LKCNHM), National University of Singapore	Department of Aquatic Biology & Fisheries, University of Kerala	Establish research collaboration for joint project titled "The Deep – Sea Decapod Crustaceans of Indian Seas: Taxonomy and Biography"	2019	MoU signed on 17.08.2019 U.O.No. Ac.D/1/18677/2019 dated 09.12.2019

6	CSIR-NIIST, Pap-panamcode	Dept of Biochem-istry	to develop academic and edu-cational cooperation, establish a collaborative program (in vivo studies) between the two institutions and to cooperate in their mutual interest for a range of higher educational activities including joint research and development projects.	2019	MoU Signed on 20.08.2019 U.O.No. Ac.D/1/15961/2019 dated 03.09.2019
7	SCMS Group of educational insti-tutions, Kochi	Centre of Diaspora Studies	Cooperation in the field of ed-ucation and in other academic activities	2019	MoU Signed on 30.08.2019 U.O.No. Ac.D/2/10924/2019 dated 30.09.2019
8	Center of Ex-celence for the Oceans,National Taiwan Ocean University	Department of Aquatic Biology & Fisheries, Universi-ty of Kerala	establish research collaboration on aquatic taxonomy,marine biodiversity documentation and integrate taxonomic database into an information system that can be utilized by signatory parties, governments and the public.	2019	MoU signed on 03.09.2019 U.O.No. Ac.D/1/15500/2019 dated 24.01.2020
9	Idukki Collec-torate	Sri.Sanalkumar S P Senior System Ana-lyst(C-Graf) Dept of Futures Studies,Univesity of Kerala	Sand Auditing of Flood affected Pamba river	2019	MoU signed on 24.10.2019 U.O.No. Ac.D/2/30880/2019 dated 12.11.2019

22. University of Kerala has approved the following consultancy projects during 2019:

Sl. No	Department	Details reg Con-sultancy Project	Person who involved in the Consultancy Project	Date of U.O issued	Amount sanc-tioned	Client Organi-zation
1	Dept of Arabic	Departmen-tal22. University of Kerala has approved the following con-sultancy projects during 2019: consultancy for translational & interpretation from Arabic to English and vice versa	Dr.Thaju-deen.A.SHead, Dept of Ara-bic,University of Kerala	No.Ac.D/2/13805/2019 dated 22.07.2019	Depends on the Consul-tancy work	
2	Dept of Aquat-ic Biology & Fisheries	1.Individual con-sultancy for the project of Kerala State Biodiversi-ty Board(KSBB)	Dr.Mithun Su-kumaran Asst.Professor Dept of Aquatic Biology & Fish-eries	No.Ac.D/2/9413/2019 dated 28.03.2019	Rs.10,00,000/-	Kerala State Biodiver-sity Board (KSBB)
		2.Marine Ecolog-ical studies for Adani Vizhinjam Port	Dr.K.Padma-kumarformer Professor & Head,Dept of Auatic Biology & fisheries	U.O.No. Ac.D/2/20012/2019 dated 31.10.2019	Rs.21,29,900/-	Adani Vizhinjam Port,Pvt Lt-d,Trivan-drum
3	Dept of Com-putational Biology & Bio informatics	Routine Consul-tancy in areas of Computational Biology and Drug docking	Dr.Achuthsan-kar.S.Nair Professor & Head Dept of Computational Biology & Bio informatics	No.Ac.D/2/4 223/2019 dated 16.04.2019	Based on the consultanct project	

4	Dept of Futures Studies	River bank mapping and sand auditing of flood affected Pamba river	Sri.Snalkumar.S.Psenior System Analyst & Project Manager(C-Graf) Dept of Futures Studies	U.O.No. Ac.D/2/30880/2019 dated 12.11.19	Rs.14,000/km	Revenue Dept,Govt of Kerala
5	Dept of German	Departmental consultancy for translational & interpretation from German to English and vice versa	Dr.Sreeku-mar.K.NAssistant Professor Head(i/c) Dept of German	No.Ac.D/2/13805/2019 dtd 22.07.2019	Depends on the Consultancy work	
6	Dept of Russian	Departmental consultancy for translational & interpretation from Russian to English and vice versa	Dr.Krishnakumar.R.S Head Dept of Russian	No.Ac.D/2/13805/2019 dated 22.07.2019	Depends on the Consultancy work	

23. The following courses were started in the University departments and Centres during 2019

Name of Course	Name of Department/Centre
PG Diploma in Communicative Arabic	Arabic
PG Diploma in Philosophical Counselling	Centre for Philosophical Counselling and Research
M.Sc Programme in Biodiversity Conservation	Botany
M.Com Programme in Global Business Operations	Commerce
M.Sc Programme in Applied Statistics and Data Analytics	Statistics
MA in Malayala Sahithyam, Kerala Padanam, Madhyama Padanam	Kerala Studies
M.Sc Programme in Data Science	Futures Studies
M.A Programme in Public Administration	Political Science
M.A in West Asian Studies	Islamic Studies

24. The following centres started functioning from 2019:

Name of the Centre
Centre for Renewable Energy & Materials
Centre for Marxian Studies
Centre for Latin American Studies
International Centre for Sree Narayana Guru Studies
Centre for Data Science

25. Board for Adjudication of Students' Grievances (BASG)

The BASG was re constituted vide U.O No. Ac.BI/BASG/2019 dtd 30.01.2019 and meeting of the Board was conducted on 08.05.2019, 17.05.2019, 07.08.2019. The Board was again re constituted vide U.O No. Ac.BI/BASG/2019 dtd 21.12.2019 and 31.12.2019 and meeting of the Board was conducted on 24.12.2019.

26. Centre for Global Academics (CGA)

Meeting of the Executive Committee of the CGA with the existing committee was held on 14.05.2019, 01.06.2019,28.06.2019 and 29.07.2019. The Committee was re constituted vide U.O.No AcBI/2/2019 dtd 23.10.2019 and 05.11.2019 and meeting was conducted on 31.10.2019 and 04.12.2019.

27. Foreign students admitted

No.of students admitted to various courses are as follows:

Ph.D – 9 PG -18 UG - 5

### III. ADMINISTRATION WING

Major activities of the administration during 2019 are detailed below

Promotions of Teaching staff in the University Departments under CAS

Sl. No.	Subject	Name and Designation	Placement/Promotion to,	Date and U.O. No.
1	Futures Studies	Dr. K. Satheesh Kumar Assistant Professor	Associate Professor	w.e.f. 19.12.2012 vide UO No.Ad.DII.5/43406/2016 dated 22.01.2019
		Dr. Christabell PJ., Assistant Professor	Assistant Professor (Stage 2)	w.e.f. 31.07.2013 vide UO No. Ad.DII.12/23155/2019 dated 22.01.2019
2	Statistics	Dr. C. Satheesh Kumar, Associate Professor	Professor	w.e.f 01.06.2015 vide UO No. Ad. DII/00547/2018 dated 05.07.2019
		Dr. E.I. Abdul Sathar, Assistant Professor	Associate Professor	w.e.f.14.02.2017 vide UO No. Ad.DII/01/41917/2019 dated 22.01.2019
		Dr. Manoj Chacko, Assistant Professor	Assistant Professor (Stage 3)	w.e.f. 29.10.2016 vide UO No.Ad.DII.1/022965/2019 dated 22.01.2019
3	Economics	Dr. Prasad A.K., Associate Professor	Professor	w.e.f. 30.01.2015 vide UO No. Ad.DII.07/17585/2019 dated 02.07.2019
		Dr. Manju S. Nair, Associate Professor	Professor	w.e.f. 15.02.2015 vide UO No. Ad.DII.07/38060/2019 dated 05.07.2019
		Dr. Anitha V., Associate Professor	Professor	w.e.f. 30.11.2016 vide UO No.Ad.DII.07/031987/2019 dated 02.07.2019
		Dr. Sheeja S.R, Assistant Professor, SDE	Associate Professor	w.e.f. 16.06.2018 vide UO No. Ad. DII.07/6208/2019 dated 02.07.2019
		Dr. Sheeja S.R., Assistant Professor, SDE	Assistant Professor (Stage 3)	w.e.f. 16.06.2015 vide UO No. Ad.DII.1/11653/2019 dated 22.01.2019
4	Zoology	Dr. G. Prasad, Associate Professor	Professor	w.e.f. 21.02.2015 vide UO No. Ad.DII/17944/2019 dated 22.01.2019
5	Biotechnology	Dr. A. Jayakumaran Nair, Assistant Professor	Assistant Professor (Stage 3)	w.e.f. 16.04.2012 vide UO No. Ad.DII.5/029825/2018 dated 22.01.2019



6	Political Science	Dr. Suresh R., Associate Professor	Professor	w.e.f. 28.05.2013 vide UO No. Ad. DII.47139/2019 dated 08.04.2019
		Dr. Sajad Ibrahim, Associate Professor	Professor	w.e.f. 31.12.2016 vide UO No Ad. DII/41812/2018 dated 05.04.2019
		Dr. Joseph Antony, Associate Professor	Professor	w.e.f. 31.12.2017 vide UO No. Ad.DII/034118/2018 dated 02.04.2019
		Dr. Shaji Varkey, Associate Professor	Professor	w.e.f. 31.12.2017 vide UO No. Ad. DII/41012/2018 dated 05.04.2019
		Dr. Josukutty C.A., Assistant Professor	Associate Professor	w.e.f. 24.08.2018 vide UO No. Ad. DII.02/5745/2019 dated 04.04.2019
		Dr. Josukutty C.A., Assistant Professor	Assistant Professor (Stage 3)	w.e.f. 24.08.2015 vide UO No. Ad.DII/12103/2019 dated 14/02/2019
		Dr. Anu Unny, Assistant Professor	Assistant Professor (Stage 2)	w.e.f. 01.07.2017 vide UO No.Ad.DII.03/026740/2019 dated 06.03.2019
		Dr. Samuel Jacob Kuruvilla, Assistant Professor	Assistant Professor (Stage 2)	w.e.f. 28.05.2017 vide UO No. Ad.DII.5/029954/2018 dated 23.03.2019
7	Botany	Dr. Suhara Beevy S. Associate Professor	Professor	w.e.f. 20.11.2018 vide UO No. Ad. DII/47832/2019 dated 01.03.2019
		Dr. T.S. Swapna, Associate Professor	Professor	w.e.f. 08.09.2016 vide UO No. Ad.DII/36361/2018 dated 01.03.2019
		Dr. Gangaprasad A., Associate Professor	Professor	w.e.f. 19.11.2018 vide UO No. Ad. DII.01/7682/2019 dated 23.11.2019
		Dr. Gangaprasad A., Assistant Professor	Associate Professor	w.e.f. 19.11.2015 vide UO No. Ad.DII/02/47048/2019 dated 26.02.2019
		Dr. E.A. Siril, Assistant Professor	Associate Professor	w.e.f. 10.12.2016 vide UO No. Ad.DII.5/12847/2018 dated 01.03.2019
		Dr. Bindu R. Nair, Assistant Professor	Associate Professor	w.e.f. 07.09.2017 vide UO No.Ad.DII.02/014684/2019 dated 01.03.2019
8	Geology	Dr. S.N. Kumar, Associate Professor	Professor	w.e.f. 01.07.2018 vide UO No. Ad. DII/58225/2019 dated 11.03.2019
		Dr. A.P. Pradeep Kumar, Associate Professor	Professor	w.e.f. 16.06.2014 vide UO No. Ad.DII/58226/2017 dated 12.03.2019
		Dr. Rajesh Reghunath, Assistant Professor	Associate Professor	w.e.f. 20.02.2016 vide UO No. Ad.DII/52434/2018 dated 15.03.2019

9	Chemistry	Dr. S. Muhammadhu Aboobakar Shibli, Associate Professor	Professor	w.e.f. 16.06.2012 vide UO No. Ad.DII/53612/2019 dated 12.03.2019
		Dr. Sony George, Assistant Professor	Assistant Professor(Stage 3)	w.e.f. 22.01.2017 vide UO No. Ad.DII/1468/2019 dated 11.03.2019
		Dr. Ani Deepthy, Assistant Professor	Assistant Professor (Stage 2)	w.e.f. 06.09.2016 vide UO No.Ad.DII.03/034425/2019 dated 15.03.2019
		Dr. Suneesh C.V., Assistant Professor	Assistant Professor(Stage 2)	w.e.f. 17.09.2016 vide UO No.Ad.DII.12/034423/2019 dated 16.03.2019
		Dr. Jayasree E.G., Assistant Professor	Assistant Professor(Stage 2)	w.e.f. 04.01.2015 vide UO No. Ad. DII/034424/2018 dated 15.03.2019
10	Islamic Studies	Dr. Ampotti A.K., Assistant Professor	Assistant Professor(Stage 3)	w.e.f. 13.05.2016 vide UO No.Ad. DII.03/11774/2019 dated 04.04.2019
11	Optoelectronics	Dr. S. Sankararaman, Associate Professor	Professor	w.e.f. 28.12.2017 vide UO No. Ad.DII/03/00154/2019 dated 04.04.2019
		Dr. Gopchandran, Associate Professor	Professor	w.e.f. 21.02.2019 vide UO No. Ad. DII/240/2019 dated 16.04.2019
		Dr. Yamuna A., Assistant Professor	Assistant Professor(Stage 2)	w.e.f. 02.12.2015 vide UO No. Ad. DII.03.37408/2019 dated 05.04.2019
12	Communication and Journalism	Dr. M.S. Harikumar, Assistant Professor	Assistant Professor(Stage 2)	w.e.f. 28.09.2016 vide UO No. Ad.DII.12/08876/2019 dated 05.04.2019
13	Public Administration	Dr. Ajitha S., Assistant Professor, SDE	Assistant Professor (Stage 2)	w.e.f. 29.12.2015 vide UO No. Ad.DII.04/11601/2019 dated 05.04.2019
14	Physics	Dr. Subodh G., Assistant Professor	Assistant Professor (Satge 2)	w.e.f. 15.02.2018 vide UO No. Ad.DII.12/45470/2019 dated 05.04.2019
15	Commerce	Dr. R. Vasanthagopal, Associate Professor, SDE	Professor	w.e.f. 03.01.2013 vide UO No. Ad.DII.04/50914/2019 dated 04.05.2019
		Dr. Suresh Kumar K.S., Associate Professor, SDE	Professor	w.e.f. 13.07.2016 vide UO No. Ad. DII.1.020003/2019 dated 10.05.2012
16	English	Dr. Lal C.A., Associate Professor, SDE	Professor	w.e.f. 06.08.2015 vide UO No. Ad. DII.05.024483/2019 dated 24.05.2019
		Dr. Suja Kurup P.L., Associate Professor	Professor	w.e.f. 06.08.2018 vide UO No. Ad.DII.05/17906/2019 dated 29.05.2019
17	Linguistics	Dr. S.A. Shanavas, Associate Professor	Professor	w.e.f. 17.12.2018 vide UO No. Ad. DII/1068/2019 dated 04.07.2019
		Dr. S. Prema, Assistant Professor	Assistant Professor (Stage 2)	w.e.f. 06.11.2016 vide UO No. Ad.DII/07/53426/2019 dated 02.07.2019
		Dr. Darwin L., Assistant Professor	Assistant professor (Stage 2)	w.e.f. 06.11.2016 vide UO No. Ad.DII.07/49278/2019 dated 06.07.2019

18	Mathematics	Dr. Zeenath K.S., Associate Professor, SDE	Professor	w.e.f. 05.03.2018 vide UO No. Ad. DII.07/026333/2019 dated 10.07.2019
19	Sanskrit	Dr. C.A. Shaila, Associate Professor	Professor	w.e.f. 14.10.2012 vide UO No. Ad. DII.07/2019 dated 27.07.2019
20	Aquatic Biology and Fisheries	Dr. Pramod Kiran R.B., Assistant Professor	Assistant professor(Stage 2)	w.e.f. 28.06.2011 vide UO No. Ad. DII.7/43425/2019 dated 27.07.2019
21	Computer Science	Dr. Philomina Simon, Assistant Professor	Assistant Professor (Stage 2)	w.e.f. 06.09.2015 vide U.O. No.Ad.DII.07/032213/2019 dated 27.07.2019
22	Biochemistry	Dr. A. Helen, Associate Professor	Professor	w.e.f. 16.12.2018 vide UO No. Ad. DII.08/350/2019 dated 14.08.2019

#### Promotion of staff of University Engineering Unit

Sl.No.	Name and Designation	Promotion to	Effective date	UO No.
1	Sri. Ramesh T.S., Assistant Engineer(Civil)	Assistant Executive Engineer (Civil)	01.06.2019	Ad.DII.5/EU.Promotions/2019 dated 31.05.2019
2	Sri. Ajith Kumar C.K., Overseer (Grade I)	Assistant Engineer (Civil)	12.07.2019	221/2019/UOK dated 12.07.2019

### RETIREMENT FROM KERALA UNIVERSITY SERVICE DURING THE PERIOD FROM JANUARY 2019 TO DECEMBER 2019.

JANUARY				
Sl.No	Name	Designation	EMP ID	Date of Retirement
1	Smt. Susan Sunanda Mathew	Assistant Registrar (Hr.Gr.)	3998	31/01/2019
2	Sri. Balan E	Assistant Security Officer	4774	31/01/2019
3	Smt. Valsala Kumari K	Clerical Assistant	3996	31/01/2019
FEBRUARY				
4	Dr. K Madhukumar	Controller of Examinations	5211	28/02/2019
5	Sri. Nazeer S	Assistant Registrar (Hr.Gr.)	3477	28/02/2019
6	Sri. Thulaseedharan P	Assistant Registrar	4006	28/02/2019
MARCH				
7	Dr. T. S Anirudhan	Professor (Department of Chemistry)	3577	31/03/2019
8	Dr. Theresa Susan A	Professor (Department of Education )	3736	31/03/2019
9	Dr. H Abdul Rehman	Assistant Registrar (Hr.Gr.)	4032	31/03/2019
10	Sri. Hashim E	Assistant Librarian Grade I	4432	31/03/2019
11	Smt. Shirley R	Section Officer (Hr. Gr.)	3757	31/03/2019
12	Smt. Suneethi M	Office Superintendent	4594	31/03/2019
13	Smt. Silvilet Sarojam R	Bus Conductor	4081	31/03/2019

<b>APRIL</b>				
14	Dr. K Padmakumar	Professor & HOD (Department of Aquatic Biology and Fisheries )	3750	30/04/2019
15	Dr. Sobha B. Nair	Associate Professor & HOD (Department of Sociology)	3794	30/04/2019
16	Dr. G Padma Rao	Professor (Department of Malayalam)	5187	30/04/2019
17	Dr. G. S Jayasree	Professor (Institute of English )	4005	30/04/2019
18	Smt. Lathika J.G	Deputy Registrar	3692	30/04/2019
19	Sri. Narendran B	Assistant Registrar	4141	30/04/2019
20	Dr. Geetha Kumari S	Warden (Women's Hostel, Kariavattom)	5169	30/04/2019
21	Sri. Harilal R	Section Officer (Hr. Gr.)	4415	30/04/2019
22	Sri. K. L James	Technical Officer (Hr.Gr.) (Computer Centre)	4037	30/04/2019
23	Smt. Celine A	Office Superintendent	4601	30/04/2019
24	Sri. Venugopalan Nair C	Clerical Assistant	4011	30/04/2019
25	Sri. Sudarsanan G	Security Guard (Hr.Gr.)	5204	30/04/2019
<b>MAY</b>				
26	Dr. V. P Mahadevan Pillai	Professor (Department of Optoelectronics)	4634	31/05/2019
27	Dr. Ashalatha S. Nair	Professor (Department of Botany)	3527	31/05/2019
28	Dr. B. V Sasikumar	Associate Professor & HOD (Department of Malayalam)	5186	31/05/2019
29	Dr. Joseph Antony	Associate Professor (Department of Political Science)	5261	31/05/2019
30	Smt. Bindu B	Deputy Registrar	3591	31/05/2019
31	Sri. Sreekumar N	Assistant Registrar	4115	31/05/2019
32	Sri. Sreekumaran Nair K	Assistant Librarian (Grade II)	4551	31/05/2019
33	Sri. Joseph P. T	Assistant Executive Engineer	3982	31/05/2019
34	Smt. Suma Devi B	Section Officer (Hr.Gr.)	3829	31/05/2019
35	Smt. Mary Abraham	Section Officer (Hr.Gr.)	4223	31/05/2019
36	Smt. Padmini C	Section Officer (Hr.Gr.)	4293	31/05/2019
37	Smt. Vijayakumari C	Section Officer Hr.Gr.)	4297	31/05/2019
38	Sri. Giresakumar J	Section Officer (Hr.Gr.)	4338	31/05/2019
39	Smt. Mini S. (Mithra)	Section Officer (Hr.Gr.)	4361	31/05/2019
40	Smt. Sudhamony T.	Section Officer (Hr. Gr.)	4718	31/05/2019
41	Smt. Lekha R	Office Superintendent (Hr.Gr.)	3961	31/05/2019
42	Smt. Baby S	Office Superintendent (Hr.Gr.)	3964	31/05/2019
43	Sri. Ayyappan Pillai A	Office Superintendent	4147	31/05/2019
44	Smt. Suganthi J	Office Superintendent	4592	31/05/2019
45	Smt. Jalaja Kumari R	Selection Grade Assistant	3965	31/05/2019
46	Sri. Wilson N	Clerical AssistantJULY	3779	31/05/2019
47	Smt. Mahilamoni K. P	Clerical Assistant	4110	31/05/2019

48	Sri. Kuttappan J	Binder (Senior Grade)	4403	31/05/2019
49	Smt. Laila B	Binder Grade I	4377	31/05/2019
50	Sri. Vasudevan Pillai M	Office Attendant	4638	31/05/2019
<b>JUNE</b>				
51	Smt. Rema Nair	Deputy Registrar	3853	30/06/2019
52	Sri. Girish Kumar N.	Assistant Registrar	4086	30/06/2019
53	Sri. Abdul Rafeek S.	Section Officer (Hr. Gr.)	4648	30/06/2019
54	Sri. Surendrakumar K.	Senior Foreman, Binding	4459	30/06/2019
<b>JULY</b>				
55	Sri. Mukundan K. S.	Deputy Registrar	3615	31/07/2019
56	Smt. Sheela George A.	Deputy Registrar	3683	31/07/2019
57	Smt. Maya M. R.	Deputy Librarian	3927	31/07/2019
58	Smt. Rema P.	Assistant Registrar(Hr.Gr.)	3877	31/07/2019
59	Sri. Nazeemudeen K. A.	Pool Officer	3885	31/07/2019
60	Sri. Harikumar S.	Assistant Librarian Grade I	3997	31/07/2019
61	Sri. Madhusoodana Kurup C.	Assistant Librarian Grade I	4117	31/07/2019
62	Dr. Hemachandran Nair G.	Assistant Librarian	4070	31/07/2019
63	Smt. Renuka L.	Section Officer(Hr. Gr.)	4329	31/07/2019
64	Smt. Beena L.	Section Officer(Hr. Gr.)	4452	31/07/2019
65	Smt. Sheela S.	Office Superintendent(Hr.Gr.)	3808	31/07/2019
66	Smt. K. Suseela	Office Superintendent	4603	31/07/2019
67	Smt. Subaida Beevi A.	Office Superintendent	4717	31/07/2019
<b>AUGUST</b>				
68	Smt. Anitha P. K.	Assistant Registrar (Hr. Gr.)	3922	31/08/2019
<b>SEPTEMBER</b>				
NO RETIREMENT				
<b>OCTOBER</b>				
69	Smt. Rema M.	Deputy Registrar	3586	31/10/2019
70	Sri. Raghu Sankar C.	Assistant Registrar(Hr.Gr.)	3929	31/10/2019
<b>NOVEMBER</b>				
71	Sri. Vincent Michael	Security Guard (Hr. Gr.)	4789	30/11/2019
<b>DECEMBER</b>				
72	Smt. Sudhamani K. C.	Deputy Registrar	3598	31/12/2019
73	Sri. Anilkumar Panikkar	Assistant Registrar	3995	31/12/2019
74	Smt. Nabeesa Beevi M.	Office Superintendent	3806	31/12/2019
75	Sri. Prasad J.	Office Attendant	4794	31/12/2019

## OTHER APPOINTMENTS

1. Dr. K.S Chandrasekar, Professor & Head, Institute of Management in Kerala, who was on Sabbatical Leave for one year w.e.f 21.10.2018 to 20.10.2019, for writing a book titled '*History of Management Thought*' along with his M.Phil Scholars and to Update his earlier book titled '*Marketing Management*', vide U.O.No 85/2018/UOK dated 12.10.2018, had reported for duty on 04.10.2019 and took over headship of the Department, by cutting short his Leave period vide U.O No.586/2019/UOK dated 10.10.2019 from Dr. S Ambeeshmon who had been assigned headship of the Department during the leave period of Dr. K.S Chandrasekar, vide U.O No. Ad BIII.1/40602/2018/UOK dated 27.11.2018, 18.03.2019, 25.05.2019 & 10.10.2019.
2. Dr.R.Vasanthagopal, Professor, School of Distance Education, University of Kerala has been appointed as Director, School of Distance Education, University of Kerala w.e.f 08.05.2019 vide U.O No.Ad.B III.2/1723/2013 dated 08.05.2019
3. Shri. Sreekumar, K.N. has been appointed as Assistant Professor in the Dept of German.
4. Dr. Synudeen Sahib S. has been appointed as Lecturer in the Dept of Zoology

## OTHER MAJOR EVENTS

### Inter University Transfer

Vide GO(K)No.123/2017/Hedn. Thiruvananthapuram, the Government have accorded sanction to grant Inter University Transfer to Assistants/Computer Assistants based on seniority and option without considering probation and Registrars of University to take necessary action to amend the Statutes for the Inter University Transfer process.

Vide UO No.AdG/27251/2017 dated 17/10/2017 Inter University transfer on reciprocal basis sanctioned and the following number of assistants and Computer Assistant Gr II were relieved on the AN of 14/02/19, 28/02/19,28/05/2019,28/06/19,06/11/19,12/11/19,20/11/19 and the assistants and Computer Assistants Gr II relieved from other Universities were joined on the FN of 15/02/19,01/03/19, 29/05/19, 29/06/19, 07/11/19, 13/11/19, 21/11/19 respectively(Total 58 Employees).

Sl No	University	Assistants	Computer Assistant Gr II
1	Kerala University of Agriculture	4	2
2	Calicut University	8	4
3	Cochin University of Science and technology	5	2
4	Kerala University of Health Science	----	6
5	Kerala University of Fisheries and Ocean Science	----	1
6	Kerala Veterinary and Animal Science University	2	4
7	Kannur University	----	2
8	Mahathma Gandhi University	8	4
9	Sree Sankaracharya Sanskrit University.	3	3

## IV. PLANNING WING

The main functioning of the Planning Wing is procuring funds under plan and its utilization for the development of academic, administrative, research and infrastructure development of the University. Its function under the leadership of Dr. Mini Dejo Kappen as the Director, was largely successful in obtaining sizable quantum of funds not only from the State Government as grantee institution but also from various funding agencies of both Central and State Government.

The University has enriched its Research potential especially in Science as it could add many sophisticated equipments purchased under RUSA. The outlay of the Rs.29 Crores by the State Government for 2018-19 has provided added momentum to the modernization

of laboratories in the teaching departments.

Many of the construction projects undertaken by the University are making good progress. The repertoire of many teaching departments are enriched by the presence of even more Emeritus Professors and Scientists. The process of making Kariavattom Campus to a centre of excellence continues. The dream of making the Kariavattom Campus the ultimate destination point of a researcher in South India is not very far.

### I Major activities done under the Planning wing during 2018-19 are detailed below:

1. UGC had sanctioned reimbursement grant of XII Five year plan under the following schemes

Sl.No	Particulars	Amount released in lakhs
1	UGC-General Development Assistance-grant sanctioned as reimbursement-credited to KUF	Rs.100.67

## 2. UGC-Special Assistance Programme (SAP)

Sl.No	Particulars	Amount released
1	UGC-SAP DRSII-Dept. Of English	Rs.15,29,282/-
2	UGC-SAP DRSII-Dept. Of Political Science	Rs.9,22,293/-
3	UGC-SAP DRSII-Dept. Of Geology	Rs.8,48,000/-

3. An amount of Rs.16.17 lakh has been released in second year as grant in aid towards the Indo-Israel Joint Research Project titled “ Ecosystem Service Assessment and Mapping for Sustainable Management of Wetlands in Kerala” with Dr.Sabu Joseph, Head, Department of Environmental Sciences as the Principal Investigator of the International Collaborative Project (University Grants Commission – Israeli Science Foundation) the total outlay of the project being Rs. 64.22 Lakh for a period of three years from 1st February 2017 to 31<sup>st</sup> January 2020.
4. An amount of Rs.7.2 lakh has been released as the balance grant in aid under funding support to State Universities for Study and Research in Indigenous and Endangered Languages in India during XII plan period. The total outlay of the project being Rs. 103.30 Lakh and the period of project ends on March 2020.

## FUNDS RELEASED TO CENTRES UNDER STATE PLAN

Sl.no	Centre	U.O No. with date	Amount(₹)	Purpose
1.	Inter University Centre for Alternative Economics(IUCAE)	Pl.A/Pl.A1/Ac.D/3222/IUCAE dated 20/04/2019	25,00,000/-	Implementing the activities in the centre
2.	Inter University Centre for Genomics and Gene-Technology (IUCGGT)	Pl.A/Pl.A1/IUCGGT/2892/12 dated 10/06/2019	50,00,000/-	Implementation of Plan programme
3.	Survey Research Centre	Pl.A/SRC/3148/2019-20 dated 19/10/2019	4,00,000/-	Conducting ‘State of Politics Survey: midway evaluation of the LDF Government in Kerala’
4.	Inter University Centre for Evolutionary and Integrative Biology(iCEIB)	Pl.A/iCEIB/3142/2019-20 dated 29/10/2019	15,00,000/-	Innovative Project ‘Stress Physiology of Zebra Fish’
5.	Centre for Diaspora Studies	Pl.A/CDS/2963/2019 dated 21/12/2019	1,00,000/-	Research project ‘SOCIAL CAPITAL AND MIGRATION: A Case study of fisherfolks in Thiruvananthapuram’

- II. As part of the State Plan Grant, an amount of **Rs. 29 Crore** has been earmarked as financial assistance for the year 2019-20. Subsequently, Administrative Sanction has been obtained from the Government for the undermentioned Scheme-components, by submitting appropriate and detailed proposals before the Working Group Meeting of the Government:

Sl. No.	Name of Proposal	Estimate Cost (In Lakh)
1	Specific Projects:	
•	Experimental Archaeology and Ethno-archaeology for the Reconstruction of Traditional Craft Items- Department of Archaeology	25
•	Development of Monoclonal antibodies against tumor antigens chromogranin A (CgA) and Beta-human chorionic gonadotropin (β-hCG)-Department of Biotechnology	50
•	Novel polymer-based composite thermoelectric films and super lattices for ubiquitous energy harvesting applications - Department of Nanoscience and Nanotechnology	124
•	Advanced Research Laboratory for Molecular Sensing and Imaging – Department of Chemistry	285
•	Establishment of Translational Research Facility in Plant Cell Culture Technology- Year IV – Department of Botany	50
•	Survey, Collection, Digitalization and Scientific Preservation of Journal of Indian History from the First Volume to Centenary Volume- Phase II (Project Period : 2018 to 2021 – Proposal for the Second Phase : 2019-2020) - Department of History	129.50
•	Pulsed Photoacoustic Study in Nanobionics- Department of Optoelectronics	117
•	Sequencing/Profiling Of Kerala Based Plants/ Plant Products-Department of Computational Biology and Bioinformatics	64.50
•	Microwave Materials Laboratory Phase II-Department of Physics	285
•	Digitisation Of Manuscripts Available at The Oriental Research Institute & Manuscripts Library- Phase III-III Year	100
2	Infrastructure and laboratory development	350
3	Innovative programmes and research projects of various departments	390
4	Seminars and Conferences	100
5	Civil works/New buildings	75
6	Purchase of Books and Journals	495
7	Strengthening of Existing Centres	60
Total		2700

Sl.No	Name of Proposal	Estimate Cost (In Lakh)
1	State Inter University Centre of Excellence in Bioinformatics	50
2	Inter University Centre for Genomics and Gene Technology	60
3	Inter University Centre for Evolutionary and Integrative Biology (i-CEIB)	60
4	Advanced Centre for Regenerative Medicine and Stem cell Research	30
Total		200



In addition to this, the following are the ongoing/completed major projects that are being implemented utilizing State Plan funds:-

1. Establishment of Geological Museum in the University- (Continuing Scheme - Implementation underway).
2. **Centre for Bio-Diversity Conservation and Establishment of a Gene Bank for Wild Ornamental plants of Western Ghats of Kerala at the Department of Botany- (Implementation ongoing).**
3. **Implementation of the Project 'Whole Genome Transcriptome Sequencing *Evolvulus Alsinooides*' under Department of Computational Biology and Bioinformatics, is in its final stages.**
4. **Construction of School of Communication and Library Sciences, Karivattom campus-Phase I-Administrative Sanction issued for the work.**
5. **Survey, Collection, Digitalization and Scientific Preservation of Journal of Indian History from the 1st Volume to Centenary Volume-Department of History-Phase I- (Implementation ongoing).**
6. **Microwave material Laboratory-Phase I-Department of Physics (Implementation ongoing).**
7. Students Life Cycle Management System-Implementation initiated.
8. Digitization and Archiving of University Records - (Continuing Scheme - Implementation underway).
9. Digitization of Manuscripts in the ORI & MSS Library – Phase III(Continuing Scheme).
10. **Thesis Digitization in the Kerala University Library – ( Phase II-Work Order issued for implementing the Pilot Project).**
11. **Implementation of Smart Card System in the Kerala University Library - (Continuing Scheme- Implementation underway).**
12. Digitization of Rare and Old Documents in the Kerala University Library- Phase II (Continuing Scheme-Works ongoing).
13. Construction of Platinum Jubilee Multipurpose Conference Hall/Seminar Hall - (Continuing Scheme -Works underway).
14. **Adoption of village by the Department- Department of Environmental Sciences (Adopted Amboory village in the first phase. Second phase progressing)**
15. **Construction of New Hostel Building for Men & ICCR Students-Rs.180 Lakh(Implementation initiated).**
16. **The implementation of the project 'Digitization of Herbarium' in the Botany Department is in the final stages.**
17. **Implementation of the Project "Microalgal culture laboratory" in the Department of Aquatic Biology and Fisheries is in the final stages.**
18. **Implementation of the project "Molecular Investigation on Neurodegenerative diseases: Involvement of MicroRNA and siRNAs in the regulation of the Disease" in the Department of Biotechnology, is in the final stages.**
19. Construction of a new Building for the Centre for Nanoscience & Nanotechnology - ( Continuing Scheme- Works underway).
20. Implementation of Library Services for the Differently Abled – (Implementation ongoing).
21. Digital Contents Creation Lab and e-Learning Solutions. (Implementation ongoing).
22. High Speed OFC Connectivity throughout the Campus (Implementation in the final stages).
23. Establishment of Translational Research facility in Plant cell Culture Technology in the Department of Botany (Works underway). Vertical extension to the New Block (Department of Environmental Sciences-Work is in the final stage)

### III. (a) Details of grants released for Seminars/ Conferences/ Workshops under State Plan Funds

Sl. No.	Department/Centre	Details of Event	Amount in ₹
1.	Botany	Three day National Seminar on "Advances & Applications in Plant Science"; 06 – 08 February 2019	1,50,000/-
2.	Biotechnology & Inter University Centre for Genomics & Gene Technology:	One day National Seminar: "Awareness on IPR & Patent Laws in Biotechnology": 26 March 2019	50,000/-
3.	Chemistry:	Three day National Seminar: "Advanced Functional Materials for Analytical, Environmental & Biomedical Applications, NAFM 2019": 25 – 27 March 2019;	1,30,000/-
4.	Sanskrit:	Three day National Seminar:"Contemporary Thought on the Philosophical Relevance of Purva Mimamsa and Uttara Mimamsa": 20 - 22 March 2019	1,25,000/-
5.	Centre for Vedanta Studies:	Three day Programme: "National Seminar on Relevance of Yoga Sastra in the Modern Era & International Yoga Day Celebrations; 23– 25 October 2019	1,00,000/-

6.	Statistics:	Three Day National Seminar - "Recent Trends in Statistical Theory & Applications – 2019 (NSS-TA-2019)"; 27 - 29 June 2019	1,00,000/-
7.	Demography:	Three day International Conference: "Population, Nutrition & Development"; 12 - 14 December 2019	3,00,000/-
8.	Arabic:	Ten day Programme: Statelevel Workshop on "Methods of Effective Teaching & Leadership": 02-11 January 2020	1,00,000/-
9.	Centre for Australian Studies:	Three day Programme: Three day National Seminar on "Australian Humour"; 23 - 25 October 2019	1,00,000/-
10.	Geology:	Three day National Workshop: "PETROS - 3rd Workshop"; 19-21 November 2019	90,000/-
11.	Arabic:	Three day International Conference: "International Conference on Teaching of Arabic Language to Non-Native Speakers: Experiences & Futuristic Vision"; 16 -18 December 2019	1,50,000/-
12.	Malayalam:	Seven day National Workshop: "Malayalam Computing - Deshiya Shilpashala"; 07 – 13 December 2019	1,20,000/-
13.	Malayalam:	Three day National Workshop - "Bhinnasheshi: Samooam, Shareeram, Samskaram" ; 20 -22 November 2019	70,000/-
14.	Malayalam:	Five day National Workshop:"Krithiyum Rangapadavum: 'Omanakal' munnirathi Nadakashilppashala Luigi Pirandello – Kesari Balakrishna Pillai Smrithi"; 25 – 29 November 2019	1,00,000/-
15.	School of Distance Education:	Three day National Seminar: "Madhyamangal: Achadi Muthal Social Media Vare"; 07 – 09 January 2020	1,00,000/-
16.	Centre for Diaspora Studies:	Three day National Conference: "Migration in the New Era, Hope or Despair?"; 24 – 26 October 2019	1,00,000/-
17.	Education:	Three day National Seminar: "Transdisciplinary Education & Teacher Competence";21 – 23 November 2019	1,00,000/-
18.	Education:	Seven day National Workshop: "Research Methodology"; 08 – 15 October, 2019	1,20,000/-
19.	International Centre for Sree Narayana Guru Studies:	Five day National Workshop:"Guru – The Prophet of Peace - Workshop for making a Documentary film"; 16 – 20 December 2019	1,00,000/-
20.	Mathematics:	Four day National Workshop: "Modern Breakthroughs in Number Theoretic & Discrete Geometric Problems (NTDG-2019)"; 10 – 13 December. 2019	1,00,000/-
21.	Mathematics:	Three day International Conference: "Innovations in Graphs & its Alliances in Digital Era – 2020 (ICIGA – 2020)"; 22 – 24 January 2020	2,00,000/-
22.	School of Distance Education:	Three day International Seminar: "Pravasi Sahitya Ki Sanskriti Uplabdhiyan", 11 – 13 November 2019;	2,00,000/-
23.	Sociology:	Three day National Seminar: "Smart, Sustainable & Inclusive Cities: Changing Urban Dynamics": 16 – 18 October 2019	1,00,000/-
24.	Sociology:	Five day International Conference: "Refugees, Welfare Policy and the State": 02 – 06 December 2019 (in collaboration with Harran University, Turkey)	5,00,000/-

25.	Oriental Research Institute & Manuscript Library:	Five day Workshop: "Care and preservation of Palm leaf manuscripts": 21 – 25 October 2019	1,00,000/-
26.	Oriental Research Institute & Manuscript Library:	Three day National Seminar: "Ancient Numerals and Measures in South India": 20 – 22 November 2019	1,00,000/-
27.	Political Science:	Three day International Seminar: "The Geopolitics of Asia-Pacific: Perceptions, Opportunities and Challenges"; 11 -13 December 2019	2,50,000/-
28.	School of Distance Education:	Three day International Conference: "Teaching English in the Post method Era: Challenges, Possibilities and Solutions"; 20 – 22 November 2019	1,50,000/-
29.	School of Distance Education:	Three day National Seminar: "Emerging Issues in Corporate Governance in India"; 06 – 08 November 2019	1,00,000/-
30.	Centre for Quantitative Analysis:	Three day National Seminar: "Computational Mathematics and Machine Learning (NSCM2L -2019)"; 16 - 18 October 2019	1,00,000/-
31.	Statistics:	Two day International Workshop: "Distribution Theory and its Applications"; 16 - 17 December 2019	1,00,000/-
32.	Statistics:	Six day National Workshop: "Statistical Methods for Data Analytics Using R (SMDA-2019)": 23 - 28 September 2019	1,00,000/-
33.	Environmental Sciences:	One day National Seminar: "Advances in Earth and Environmental Sciences", 20 September 2019	40,000/-
34.	Malayalam:	Four day National Workshop: "Video Journalism"; 25 – 28 November 2019	1,00,000/-
35.	Malayalam:	One day State Level Conference "Gaveshana Nilavaram Mechapeduthal"; 22 November 2019	20,000/-
36.	Archaeology:	Seven day International Workshop: "Geographic Information System -Applications in Archaeology"; 14 – 20 November 2019	2,50,000/-
37.	Archaeology:	Seven day International Workshop: "Conservation of Cultural Heritage"; 09 - 15 December 2019	2,50,000/-
38.	Archaeology:	Four day Joint Annual International Conference: " 52nd Annual Conference of the Indian Archaeological Society (IAS), 47th Annual Conference of the Indian Society for Prehistoric and Quaternary Studies (ISPQS) and 43rd Annual Conference of the History and Culture Society (HCS)"; 07 - 10 November 2019	3,50,000/-
39.	School of Distance Education:	Three day National Workshop: "Capacity Building on Life Skills, Disaster Management and First Aid"; 14-17 January 2019	70,000/-
40.	School of Distance Education:	Three day National Seminar: "Indian Women: Yesterday, Today and Tomorrow"; 27 -29 November 2019	1,00,000/-
41.	Botany:	Seven day National Workshop: "Tools and Techniques in Advanced Plant Science Research"; 04 - 11 December 2019	1,50,000/-
42.	Futures Studies:	Seven day National Workshop Series: "Advances in Data Science (ADS 2019)"; October - December, 2019	1,50,000/-

43.	Manonmaniam Sundaranar Centre for Dravidian Cultural Studies (MSCDCS):	Five day National Workshop: "Documentation of Dravidian Cultural Heritage Conservation Process, Digital Technology"; 02 – 06 December 2019	1,00,000/-
44.	Manonmaniam Sundaranar Centre for Dravidian Cultural Studies (MSCDCS):	Three day National Seminar: "Contribution of South India to Indian Culture"; 19 - 21 November 2019	1,00,000/-
45.	Zoology:	Three day National Seminar: "Biodiversity Conservation (NSBC2019)"; 11 – 13 November 2019	1,25,000/-
46.	Zoology:	Four day Regional Workshop: "Taxonomy of Odonata"; 11 – 14 December 2019	80,000/-
47.	Botany:	One day National Seminar: "Green Technologies for Natural Product Analysis"; 8 November 2019	40,000/-
48.	Music:	Three day National Seminar: "Different Perspectives of Carnatic Music"; 17 – 19 December 2019	1,00,000/-
49.	School of Distance Education:	Seven day National Workshop: "Vivarasankethika Vidya Prayogikathalanga"; 14 – 20 December 2019	1,30,000/-
50.	Zoology:	Four day International Training Workshop: "Vibro Toxicology: Concept and Practice with Emphasis on Hepatotoxicity, Enterotoxicity and Multiple Organ Toxicity with IdMOC"; 9 – 12 December 2019	1,50,000/-
51.	Zoology:	Five day Programme: "National Workshop to Study Tissue Regeneration using Zebrafish and Echinoderms as Alternative Animal Models"; 25 - 29 November 2019	1,00,000/-
52.	Psychology:	Three day National Workshop: "Forensic Psychology"; 09 – 11 December 2019	60,000/-
53.	School of Distance Education:	Five day National Workshop: "Faculty Development Programme on Financial Modeling"; 16 – 20 December 2019	1,00,000/-
54.	Biochemistry:	Three day National Workshop: "Small Laboratory Animal Handling"; 20 – 22 November 2019	1,00,000/-
55.	Centre for Vedanta Studies:	Ten day National Workshop: "Textual Study of Dhvanyaloka - 3rd & 4th Udyothas"; 21 - 30 October 2019	1,00,000/-
56.	Aquatic Biology and Fisheries:	Two day National Conference: "Sustainable Ecosystems, Aquaculture, Fisheries and Fisherfolk (ANCOSEAFF, 2019)"; 22-23 November 2019	90,000/-
57.	Central Laboratory For Instrumentation And Facilitation (CLIF):	Two day National Workshop: "TGDTA & CHNS" : 17-18 December 2019	1,00,000/-
58.	Law:	Two day National Seminar: "Constitution of India as Envisioned by its Framers – A Re-look into its Working in its 70th Year of Adoption"; 09-10 January 2020	1,00,000/-
59.	Tamil:	Four day National Workshop: "Tamil Malayalam Lexicography"; 07 - 10 January 2020	75,000/-
60.	Tamil:	Four day National Residential Workshop: "Tamil Literary Theory"; 16 -19 December 2019	75,000/-
61.	Aquatic Biology and Fisheries :	Three day International Conference: " International Conference on Rivers for Future (RPF 2019)"; 2- 4 December 2019	1,25,000/-

62.	Russian:	Three day National Seminar: "Postmodern Trends in Twenty First Century Russian Literature"; 09-11 January 2020	1,00,000/-
63.	German:	Three day International Seminar: "Diaspora, Culture and Literature - Indo - German Reflections"; 12-14 February 2020	2,25,000/-
64.	Education:	Three day National Seminar: "Research Culture: Refinement in Quality Assurance"; 04 – 06 November 2019	90,000/-
65.	Computer Science:	Three day National Seminar: "Second National Seminar on Machine Intelligence"; 22– 24 January 2020	75,000/-
66.	Computer Science:	Three day National Workshop: "National Workshop on Deep Learning"; 13-15 January 2020	80,000/-
67.	Inter University Centre for Genomics and Gene Technology(IUCGGT):	One day National Seminar: "One day National Seminar on Epidemiology of Viral diseases"; 18 December 2019	25,000/-
68.	School of Indian Languages:	Three day National Seminar: "National seminar on Current Trends in Language and Literature in India"; 11 – 13 December 2019	1,00,000/-
69.	Aquatic Biology and Fisheries:	Four day International Workshop: "International Workshop on Biofloc Technology "; 18 – 21 December 2019	1,00,000/-

### III (b) Grants received from various agencies for Seminars/ Conferences/ Workshops

Sl. No.	Name of Department/ Centre	Name of Programme	Funding Agency	Amount in ₹
1.	Department of Arabic	"Vakkom Moulavi Memorial Lecture - 2018"	NCPUL	25,000/-
2.	Department of Philosophy	World Philosophy Day 2018	ICPR	20,000/-
3.	Department of Botany	National Seminar on "Modern Trends in Conservation, Utilization and Improvement of Plant Genetic Resources"	KSCSTE	60,000/-
5.	Department of Botany	PROVECTUS PLANTAE - 2019 International Conference on EXPLORING THE SCOPE OF PLANT GENETIC RESOURCES	SERB	1,50,000/-
6.	V. K. Krishna Menon Study Centre for International Relations	National Seminar on "India ASEAN Relations: The Historical and Cultural Pedigree to Act East policy"	ICSSR	50,000/-
7.	Department of Political Science	International Seminar- "Geopolitics in the Indo- Pacific: Perceptions, Opportunities and Challenges"-	ICWA	1,00,000/-

IV Publication Grant under UGC Plan Fund: NIL

V Seminar Grant under /UGC Plan Fund: NIL

VI Travel Grant released under UGC Plan Fund:- NIL

VII ICMR Emeritus Scientist

Sl. No.	Name of the Awardee	Department/ Centre
1.	Dr. Annie John (Joined on 21.10.2019 F.N. )	Advanced Centre for Tissue Engineering, Department of Biochemistry

#### VIII KSCSTE Emeritus Scientist

Sl. No.	Name of the Awardee	Department/ Centre
1.	Dr. V. Prasannakumar	Department of Geology
2.	Dr. P. J. Mathew	Department of Botany
3.	Dr. Rachel A.J.	IUCGGT, Department of Biotechnology

#### IX UGC BSR Faculty Fellow

1.	Prof. T S Anirudhan (Joined on 01.04.2019 F.N.)	Department of Chemistry
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#### X Major and Minor Research Projects

The list of ongoing Research Projects undertaken in various departments of the University that are funded by UGC are listed below.

##### a) Major

1. *A study of the Cultural and Architectural expression of Public Spaces in Kerala – Dr. B. Hariharan, Institute of English.*
2. *The Genus Abelmoschus Medik (Malvaceae) in Peninsular India : Its distribution, inter and intra specific diversity and relationships – Dr. Bindu R Nair, Department of Botany.*
3. *Trophic Modelling and Biodiversity assessment of freshwater lake in Kerala for conservation and sustainable management- Dr. A. Bijukumar, Department of Aquatic Biology and Fisheries.*
4. *Evaluation, Propagation and In vitro Production of Anthraquinones from Rubia cordifolia L – Dr.E.A.Sirill*
5. *Identification of cell-matrix interaction during chloride cell migration in fish gills - Dr.M.C.Subash Peter, Department of Zoology.*
6. *Nutrient Influx and phytoplankton dynamics in Meenachil River and their impact on productivity of Vembanad Lake, Kerala, India – Dr. Sabu Joseph, Department of Environmental Science*
7. *Impact of Long term applications of pesticides on soil, Microbial Activity and Bioprospecting Potential of Pesticide Degrading Bacteria from Cardamom Plantation Soils. - Dr. Salom Gnana*

*Thanga V, Department of Environmental Sciences.*

8. *Modulation of Reverse cholesterol transport by Butea monosperma bark extract in diabetes mediated atherosclerosis. - Dr. Mini S, Department of Biochemistry.*
9. *Social cost of development – A Case Study of Displaced Women in Kerala – Dr. Bushra Beegom R.K., Department of Sociology*
10. *Samkaleen Hindi evam malayalam kavithaao mein chithrith paryavaran soundary evam samskrithi: ek adyayan- Dr. R. Jayachandran, Department of Hindi (transferred from Manonmaniam Sudarnar University)*
11. *Maritime Security of India : The Coastal Security Challenges and Policy Options : Dr. Suresh R. Department of Political Sciences*
12. *Issues of marginalisation and Role of the State : A study of the Marine Fisher folk of Kerala : Dr. S. R. Sheeja, Asst. Professor in Economics, School of Distance Education.*
13. *Economics of Higher Education in Kerala : A Focus on Expansion, Efficiency and Equity : Dr. A. Abdul Salim, Department of Economics.*

##### b) Minor

1. *Taxonomy, Diversity and Seasonal variation of Aquatic insects of Kallar stream in Western Ghats, Kerala : Dr. G. Prasad, Department of Zoology.*
  - Funds received from the UGC and released to the Principal Investigators.

Sl. No.	Project Details	Amount (in ₹)
1	Minor Research Project Generalization of Confluent Hyper Geometric Distributions. Dr. C Satheesh Kumar, Department of Statistics	22,500/-
2	Minor Research Project Taxonomy, Diversity and Seasonal variation of Aquatic insects of Kallar stream in Western Ghats, Kerala. Dr. G. Prasad, Department of Zoology	11,000/-

3	Major Research Project The Genus <i>Abelmoschus</i> Medik. (Malvaceae) in Peninsular India: Its distribution, inter and intra specific diversity and relationships. Dr. Bindu R. Nair, Department of Botany	1,59,072/-
4	Major Research Project Social Cost of Development- A Case Study of Displaced Women In Kerala. Dr. Bushra Beegom R. K., Department of Sociology	2,70,499/-

#### **XI. UGC Human Resource Development Centre**

**Funds received from UGC and released to HRDC is listed below.**

Sl. No.	Details	Amount (in ₹)
1	Conduct of Refresher Courses, Orientation Programmes, Short Term Courses and additional courses.	32,11,626/-
2	Conduct of Annual Refresher Programme in Teaching (ARPIT) 2019 through SWAYAM platform	19,70,000/-

#### **XII. UGC Faculty Recharge Programme**

**The UGC FRPs presently working are**

- **Dr. Mamata Sahoo, Assistant Professor, Department of Physics.**
- **Dr. Savitha Pillai S, Assistant Professor, Department of Physics.**
- **Dr. Rakhi Raghavan Baby, Assistant Professor, Department of Physics (joined on 25.06.2019 F.N.)**
- **Dr. Jyothi Kumari, Assistant Professor under UGC FRP scheme, Department of Geology has resigned from the UGC FRP faculty position on 15.01.2019.**
- **Funds received from UGC as salary grant-in-aid and released to the following Faculties.**

Sl.no	Name of Faculty	Amount (in ₹)
1	Faculty Recharge Programme advance salary for the period from 28.06.2018 to 31.03.2019 Dr. Mamata Sahoo, Assistant Professor, Department of Physics	4,55,000/-
2	Faculty Recharge Programme advance salary grant-in-aid received from UGC for the period from 01.04.2019 to 31.03.2020 Dr. Mamata Sahoo, Assistant Professor, Department of Physics	10,00,000/- (Paying the salary to the faculty monthly, as fixed by the Finance section.)
3	Faculty Recharge Programme salary grant-in-aid advanced from KUF for a period of one year w.e.f 11.04.2019 Dr. Savitha Pillai S, Assistant Professor, Department of Physics	7,35,000/- (Paying the salary to the faculty monthly, as fixed by the Finance section.)
4	Faculty Recharge Programme Release of advance salary grant-in-aid from 01.04.2018 to 31.03.2019 Dr. Jyothi Kumari, Assistant Professor, Department of Geology (resigned on 15.01.2019)	5,97,827/-

- **Funds received from UGC as Start Up Grant for newly recruited faculty at Assistant Professor level in Science Departments and released to the following Faculties.**

Sl.no	Name of Faculty	Amount (in ₹)
1	Start Up Grant Dr. Savitha Pillai S, Assistant Professor, Department of Physics	8,00,000/-
2	Start Up Grant Dr. Mamata Sahoo, Assistant Professor, Department of Physics	8,00,000/-

**XIII. Centre for Canadian Studies**

**An amount of ₹ 53,280/- received from the UGC, was released to Centre for Canadian Studies towards the Grant-in-aid for 2018-19.**

**XIV (a) Fellowships Availed during 2019**

Sl.No.	Name of the Fellowship	Name of the Awardee	Department	Amount Released
1.	SERB National PDF	Dr. Prince S Godson	Environmental Sciences	Rs.9,60,000/- (1st instalment of grant)
		Dr.Hareesh P.S	Biotechnology	Rs.9,01,599/- (2nd year grant)
2.	KSCSTE (Back to lab)	Smt.Aswathy I.S	Biochemistry	Rs.1,38,197/-(fellowship arrears and overhead charges)
3.	KSCSTE PDF	1. Dr. Abhilash M	Biochemistry	Rs.4,72,400/- (2nd year grant)
		2.Dr.Athira A.P	Biotechnology	Rs.4,66,450/- (2nd year grant)
4.	UGC Raman Post Doctoral Fellowship 2015-2016	Dr. Sajin Kumar K S	Geology	Rs. 82,043/- (Re-imbursement of International airfare)
5.	UGC Raman Fellowship for Post Doctoral Research 2014 - 2015	Dr. Sony George	Chemistry	Rs.34,803 (Re-imbusement of International airfare )
6.	The Indian Science Congress Association (ISCA) –Asuthosh Mookerjee Fellowship 2018-19-	Dr. P R Sudhakaran	Computational Biology and Bioinformatics	Rs.4,60,000/- (first instalment of the grant)

**XV Fellowships by Direct Benefit Transfer**

Sl.No.	Name of the Fellowship	Name of the Awardee	Department	Remarks
1	UGC PDF for Women candidates	Dr. Letha. V. S	Hindi	-
2	UGC Dr.S.Radhakrishnan PDF	Dr.Jeena S Nair	Linguistics	-
3	UGC Dr. D. S Kothari PDF	Dr.Sameera S	Optoelectronics	-
4	UGC Dr.S. Radhakrishnan PDF	Dr.Sreedevi S	Malayalam	-
5	UGC Dr.S. Radhakrishnan PDF	Dr. M. Jayaprakash	Tamil	-
6	UGC Dr. D. S Kothari PDF	Dr. Aneesh.P. T	Aquatic Biology & Fisheries	-
7	UGC Dr. D. S Kothari PDF	Dr.Raneesh Konnola	Chemistry	-
8	UGC Dr. D. S Kothari PDF	Dr. Sunil Thomas	Optoelectronics	-
9	UGC Dr. D.S Kothari PDF	Dr.Sajna M.S	Optoelectronics	-
10	UGC Dr. D.S Kothari PDF	Dr.Liju Elias	Chemistry	-
11	UGC Dr. D.S Kothari PDF	Dr.Sijimol M.R	Environmental Sciences	-
12	UGC Dr. D.S Kothari PDF	Dr.Reshma L.R	Chemistry	-
13	UGC Dr. D.S Kothari PDF	Dr. Chithra S	Environmental Sciences	-



### XVI Erudite Programmes

- The KSHEC has sanctioned financial assistance for the conduct of the Scholar in Residence Programmes under Erudite Scheme, the details of which are tabled below:

Sl.No	Name of the scholar	Department	Amount released
1	Prof. N Balakrishnan,	Department of Statistics	Rs. 7,327/- (balance amount)
2	Prof. Yoram Avnimelech,	Department of Aquatic Biology & Fisheries.	Rs.24,567/- (balance amount)
3	Dr. Manal (M H)S. Najjar,	Department of Arabic	Rs.14,677/- (balance amount)
4	Prof.Eric J.Wolanski	Department of Environmental Sciences	Rs.4,74,545/- (total expenditure incurred)
5	Dr. Mark Arnost	Dep of Computational Biology & Bioinformatics and Dept. of Political Science	Rs.1,44,900/- (70% of sanctioned amount)

The KSHEC has sanctioned a Scholar in Residence Programme under Erudite Scheme involving Dr. Michael Levitt, Nobel Laureate (2013), Former Professor, Stanford University scheduled to be conducted from 5 days between 05/01/2020 and to 10/01/2020 at the Dept. of Computational Biology & Bioinformatics, University of Kerala.

- The KSHEC has sanctioned a Scholar in Residence Programme under Erudite Scheme involving Dr. Jamboor K Vishwanatha, Regents Professor and Vice President, Founding Director, Texas Centre for Health Disparities, Principal Investigator, National Research Mentoring Network, University of North Texas, Health Science Center, 3500 camp Bowie Blvd, Fort Worth, Texas 76107 for 5 days between 17/02/2019 to 21/02/2019 at the Dept. of Zoology, University of Kerala.

### XVII CACEE (Centre for Adult Continuing Education and Extension)

- Sanction has been accorded to conduct a two day National Seminar on the major area, 'Path – breaking counselling practices and emerging counselling needs of Kerala' Centre for Adult Continuing Education & Extension (CACEE).
- A monitoring committee was constituted to look into the overall functioning of CACEE.

### XVIII Rashtriya Uchchatar Siksha Abhiyan (RUSA)

- Achieved 100% utilisation for the RUSA funds so far released.
- Approved the revised estimate for an amount of Rs. 30,77,419/- for the light roofing of Arts Block II building at Kariavattom

### XIX GIAN (Global Initiative on Academic Network) Scheme

- An amount of Rs.5,44,000/-(Rupees Five Lakh Forty Four Thousand only) has been released towards expenses for conducting sanctioned course proposal "176005C03: A Course on Vegetation Phenology to Understand Climate Change Impacts on Terrestrial Ecosystems" co-ordinated by Dr.A.P Pradeepkumar, Associate Professor, Department of Geology, University of Kerala from 03/12/2018 to 07/12/2018.

### XX Travel Grant

An amount of Rs.90,698/- (RUPEES NINETY THOUSAND SIX HUNDRED AND NINETY EIGHT ONLY) HAS BEEN received from SERB, towards the reimbursement of travel grant to Dr. Prince S Godson, Former UGC- DR.D.S KOTHARI POST DOCTORAL FELLOW, DEPARTMENT OF ENVIRONMENTAL SCIENCES, UNIVERSITY OF KERALA, KARLAVATTOM for having attended the International Conference held at PERTH, AUSTRALIA FROM 03.09.2018 TO 06.09.2018.

XXI The construction works of the University under Plan funds (both UGC & State plan funds) are carried out the Engineering Unit, headed by the University Engineer.

This section also deals with the convening of the Standing Committee of the Syndicate on Planning & Development of the University.

### Projects/ construction works completed during 2019

- Construction of Platinum jubilee Academic Complex for school system at Kariavattom campus.
- Vertical Extension to Kerala University Library Palayam.
- Construction of an extension to the existing building of Controller of Examinations at SHCampus.
- The project of rainwater harvesting at Kariavattom Campus
- Repair and maintenance of roads at SH Campus.
- Vertical extension to the New Block - Department of Environmental Sciences – Two floors
- Department of Biotechnology – Renovation of Store area into Molecular diagnostic classroom.
- Center for Marine Bio-Diversity-Establishment of Modern recirculating Aqua-Culture System near Hymavathy pond.
- Department of Botany- Construction of Biodiversity Building..

### Ongoing Projects

- Establishment of Geological Museum and Rock Garden at Kariavattom Campus.

An estimate amounting to Rs. 2,36,81,120/- was approved under State Plan and the work is in progress.

2. Construction of Multipurpose Conference Hall/ Seminar Hall at Kariavattom (Phase I)  
An estimate amounting to Rs. 4,10,00,000/- has been approved for the above work under State Plan and an estimate amounting to Rs. 2,00,68,524/- was approved for Phase I works. The civil work for Phase I completed and 90% electrification works completed.
3. Construction of new Over Head Water Tank near Botany Department in University Campus, Kariavattom.  
The work is entrusted to Kerala Water Authority. Estimate amounting to Rs. 1,58,00,000/- (Rupees one crore fifty lakhs only) submitted by KWA was approved and agreement executed with KWA.
4. Construction of new building for the Centre for Nanoscience & Technology at Kariavattom Campus.  
An estimate amounting to Rs. 2,10,00,000/- was approved. Civil works has been completed and Electrical work in progress.
5. Construction of horizontal extension to the existing Arts block II building for the Department of Archaeology at Kariavattom campus.  
An estimate amounting to Rs. 86 lakhs was approved.
6. Extension to the existing building of Controller of Examinations at SHCampus- Interior works  
The work is entrusted to M/s RUBCO for an estimated amount of Rs. 83,45,356/-.
7. Newly Sanctioned Projects
  1. Electrical works for Vertical Extension to Kerala University Library Palayam.
  2. Installation of waste treatment plant (BIO GAS Plant with bio-incinerator) at Senate House Campus, Thiruvananthapuram for new canteen building.  
Estimate amounting to Rs. 10 lakhs was approved
  3. Construction of a building for School of Communication & Library at Kariavattom campus.  
Work is entrusted with Kerala State Housing Board.
  4. Construction of new Hostel building for Men & ICCR Students at Kariavattom campus.  
Work is entrusted with Kerala State Housing Board.
  5. Construction of New Sump and Augmentation of water supply system at SH Campus.  
Work is entrusted with KPHCC.
  6. Providing Hydraulic lift at the Department of computational Biology & Bioinformatics at Kariavattom Campus.  
Work is entrusted with KPHCC.
  7. Kerala University Library- Relaying Interlock paver blocks to the road – reconstruction & renovation of side drain around the building – renovation of Browsing centre -installation of waste Disposal System-  
Estimate amounting to Rs. 51 lakhs was approved.
  8. Construction of Staff Quarters at Kariavattom  
Work is entrusted with WAPCOS LIMITED.

**XXV a. ONGOING PROJECTS IN THE DEPARTMENTS/CENTRES**

No	Name of Department/Centres	No. of Projects
1	Aquatic Biology and Fisheries	5
2	Biochemistry	4
3	Biotechnology	1
4	Computational Biology & Bioinformatics	2
5	Demography	1
6	Environmental Science	2
7	Future Studies	2
8	Physics	5
9	Political Science	2
10	Botany	6
11	Zoology	4
12	Statistics	2
13	Education	4
16	Chemistry	1
17	SICC	1
18	Geology	4
19	Economics	1
	TOTAL	47

**Projects Implemented and fund released during 01/01/2019 to 31/12/2019 (Funded by Agencies other than U.G.C)**

Sl. No	Projects implementation and grant-in-aid released
1	Department of Science and Technology (DST) sponsored Women Scientist Scheme A (WOS-A)- project entitled “Development of cold sintered dielectrics for electronic applications” by Dr.N.Santha, Women Scientist of DST, Department of Physics, University of Kerala, Kariavattom- Principal Investigator and Dr.Subodh G, Assistant Professor, Department of Physics, University of Kerala, Kariavattom - Mentor - Implementation and release of 1st instalment of grant for the year 2018-19 amounting to Rs.12,63,000/-
2	The Kerala State Biodiversity Board (KSBB) sponsored project entitled “Inventory and Evaluation of Spread Ecology of the Riverine flora of Achankovil River basin, Kerala” under the “Documentation of Specialized Ecosystem and Developing Sustainable Models of Biodiversity Conservation Scheme” by Dr. P M Radhamany, Professor, Department of Botany, University of Kerala as Principal Investigator- Implementation and release of 1st instalment of grant-in-aid amounting to Rs. 2,64,000/-
3	The Kerala State Biodiversity Board (KSBB) sponsored project entitled “Studies on Invasive Alien Plant Species in the flood affected areas of Karthikapally Taluk, Alappuzha District” under the “Documentation of Specialized Ecosystem and Developing Sustainable Models of Biodiversity Conservation Scheme” by Dr. Suhara Beevy.S, Associate Professor and Head, Department of Botany, University of Kerala as Principal Investigator and Dr.Kamarudeenkunju.M, Associate Professor, Department of Botany, University of Kerala as the Co-Investigator- Implementation and release of 1st instalment of grant-in-aid amounting to Rs.4,49,400/-
4	Indian Space Research Organisation (ISRO), Department of Space (DS), Government of India sponsored project “Systematic study on the landslides on Martian Surface with special emphasis on Valles Marineris using data of varying resolution and scales” by Dr. Sajin Kumar K S, Assistant Professor Department of Geology, University of Kerala as Principal Investigator and Dr. A P Pradeepkumar, Associate Professor, Department of Geology, University of Kerala as Co Investigator – release of 2nd year grant amounting to Rs.3,66,076/-
5	The Kerala State Biodiversity Board (KSBB) sponsored project entitled “Assessment of Native and Exotic Ichthyodiversity Status of River Bharathapuzha, Periyar and Pamba” under the “Documentation of Specialized Ecosystem and Developing Sustainable Models of Biodiversity Conservation Scheme” by Dr. F.G.Bennó Pereira, Assistant Professor, Department of Zoology, University of Kerala as Principal Investigator - Implementation and release of 1st instalment of grant-in-aid amounting to Rs.4,56,000/-
6	The Ministry of Consumer Affairs, Food and Public Distribution, Government of India sponsored study “Concurrent Evaluation on National Food Security Act” - by Dr.Manju S. Nair, Associate Professor, Department of Economics, University of Kerala - implementation - amounting to Rs.67,500/-
7	ICMR Sponsored Project “Anti or Pro-Inflammatory Effects of Dietary Pulses” by Dr. A.Helen, Associate Professor, Department of Biochemistry, University of Kerala- release of first and final instalment of 3rd year grant amounting to Rs. 7,38,360/-
8	The Gandhigram Rural Institute, Tamil Nadu sponsored Minor Research Project under the Scheme of ‘Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) for the financial year 2019-20’ entitled “Significant Challenges in Academics as Perceived by Visually Challenged Students of Secondary Schools” by Dr. Sameer Babu M, Assistant Professor, Department of Education, University of Kerala - Principal Investigator - Implementation and release of 1st instalment of grant-in-aid amounting to Rs.1,26,000/-
9	The National Centre for Earth Science Studies (NCESS) sponsored Mission project entitled “Unravelling Submarine Groundwater Discharge (SGD) zones along the Indian subcontinent and its islands (Mission-SGD)-PILOT STUDY” by Dr.E.Shaji, Assistant Professor, Department of Geology, University of Kerala as Principal Investigator and Dr.A.P.Pradeepkumar, Associate Professor, Department of Geology, University of Kerala and Dr.R.B.Binojkumar, Associate Professor, Department of Geology, University of Kerala as the Co-Investigators- Implementation and release of 1st instalment of grant-in-aid amounting to Rs.8,82,000/-
10	The Kerala State Council for Science, Technology and Environment (KSCSTE) sponsored Environment and Ecology Programmes- project entitled “Petrogenesis of Mafic and Ultramafic Rocks of Wayanad, Kannur and Kasargode districts, Kerala: Implications for Archean Crustal Evolution and Metallogeny” by Dr.Anil Kumar Y, Assistant Professor, Department of Geology, University of Kerala as Principal Investigator and Dr.A.P.Pradeep Kumar, Associate Professor, Department of Geology, University of Kerala and Dr.Sajin Kumar.K.S, Assistant Professor, Department of Geology, University of Kerala as the Co-Investigators - Implementation and release of 1st instalment of grant-in-aid - amounting to Rs.7,79,000/-
11	The Kerala State Council for Science, Technology and Environment (KSCSTE) sponsored project under the Environment and Ecology Programmes entitled “Identification and source characterisation of Arsenic contamination in groundwater resources of Kasaragode, Wayanad and Trivandrum Districts, Kerala,India” by Dr.E.Shaji, Assistant Professor, Department of Geology, University of Kerala as Principal Investigator and Dr.A.P.Pradeep Kumar, Associate Professor, Department of Geology, University of Kerala as the Co-Investigator - Implementation and release of 1st instalment of grant-in-aid amounting to Rs.9,14,000/-

12	SERB sponsored- MATRICS Scheme- project entitled “Bayesian density estimation using ranked set sampling” by Dr.Manoj Chacko, Assistant Professor, Department of Statistics, University of Kerala as the Principal Investigator - Implementation and release of first installment of the grant in aid for the year 2018-2019 amounting to Rs. 2,20,000/-
13	ICMR sponsored Ad-hoc project entitled “Orthopedic Tissue Engineering-Repair Injured Rabbit tendon” by Dr.Annie Abraham, Professor, Department of Biochemistry, University of Kerala as the Principal Investigator and Dr.Annie John, UGC Emeritus Professor, Department of Biochemistry, University of Kerala as Co-Investigator- release of full and final installment of 2nd year grant-in-aid amounting to Rs.8,56,459/-
14	ICSSR sponsored Impactful Policy Research in Social Science (IMPRESS) project entitled “ Decisive Factors of College Success in the Midst of Quality Intervention of RUSA” by Dr.Sameer Babu M., Assistant Professor, Department of Education, University of Kerala as Principal Investigator - Implementation and release of 1st instalment of grant-in-aid amounting to Rs.4,00,000/-
15	ICSSR sponsored Impactful Policy Research in Social Science (IMPRESS) project entitled “ Linkages between STEM Education and STEM Employment: An Inquiry into Identifying Skill Gaps and Policy Distortions ” by Dr.Christabell P.J, Assistant Professor, Department of Futures Studies, University of Kerala as Principal Investigator - Implementation and release of 1st instalment of grant-in-aid amounting to Rs.3,60,000/-
16	The Central University of Kerala sponsored Project under the Scheme of ‘Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) entitled “Technology Integration and Pedagogy for the visually challenged students at Higher Secondary level in Kerala: A study on the Provisions and their Expectations” by Dr. Sameer Babu M, Assistant Professor, Department of Education, University of Kerala - Principal Investigator - Implementation and release of 1st installment of grant-in-aid amounting to Rs.1,01,250/-
17	The Ministry of Consumer Affairs, Food and Public Distribution, Government of India sponsored study “Concurrent Evaluation on National Food Security Act” - by Dr.Manju S. Nair, Associate Professor, Department of Economics, University of Kerala - - Release of second installment amounting to Rs.42,500/-
18	Indian Council of Social Science Research (ICSSR)– Sponsored project –“Spaces of Political Protests in India: Competition, Conflict and Cooperation between Party and Non-Party Organizations” by Dr.Shaji Varkey, Professor, Department of Political Science, University of Kerala – releasing of grant in aid - final installment amounting to Rs.78,179/-

## V. COLLEGE DEVELOPMENT COUNCIL WING

The College Development Council was constituted in the year 1978 with the intention of assisting colleges affiliated to the University under section 2(f) and 12 (B) of the UGC Act, 1956 to procure grants and other assistance under various schemes and programmes of the UGC and to monitor their implementation.

The Council was reconstituted by the Syndicate at its meeting held on 26.5.2007 with the objective of revamping its activities. Dr. K.Mohammed Basheer is the present Director of the College Development Council. The College Development Council Wing has two sections – **CDC, and Planning E.**

### I. CDC Section

The CDC section could facilitate in receiving the following assistance for the intellectual and infrastructure development of affiliated colleges during the year 2019.

#### A) **Financial assistance under various schemes of the UGC**

#### 1. **Travel Grant Scheme**

UGC has sanctioned Rs. 1,27,490/- to Dr.I Hubert Joe, Associate Professor, Department of Physics Mar Ivanios College, Thiruvananthapuram,

#### 2. **Student Induction Programme and Faculty Induction Programme.**

Five Teachers of University Department attended UGC –Quality mandate-SIP/FIP

held at IISC Bangaluru. Rs 75,000 were sanctioned by the University.

#### 3. **Data Collection**

On UGC direction Various data Collection related to colleges and students are facilitated through College Development Council. CDC also facilitates the All India Survey for Higher Education.

CDC Section facilitates granting of 2(f) & 12(B) Status for colleges based on requests from College Principals. This year two colleges have applied for getting UGC 2(f) & 12(B) Status.

### **B) Approval of Substitute Teachers in the FDP deputation vacancy**

The work relating to the approval for the appointment of substitute teachers in the deputation vacancies of teachers, who were awarded Teacher Fellowship under the Faculty Development Programme of the UGC, is carried out by the section. During the year, we could facilitate the appointment of One Substitute Teachers in the FDP deputation vacancies in college.

### **C) P.G. Monitoring Committee**

The University Level Monitoring Committee on P.G. Programme under the semester system has been constituted for the monitoring, supervising and conducting P.G. semesterisation in affiliated colleges. The CDC section is entrusted with the convening and related works of the P.G. Monitoring Committee. Three meetings of the Committee were held during the year 2019. The Committee made several recommendations relating to the examination and academic matters of the P.G. Programmes. Individual cases of P.G. students were dealt with by the Committee. Calendars of events for the P.G. Semester Programmes for the academic years 2019-20, 2020-21 were prepared and submitted to the Committee for consideration.

### **III. Planning 'E' Section**

The Planning E Section functions under the supervision of the Director, College Development Council.

The Planning E Section deals with the work related to the schemes for SC/ST students.

The notification for inviting application for granting Special Financial Assistance for the year 2018-19 was issued. Accordingly, 16 research scholars were selected for granting the first installment of the assistance during the year.

Another activity of the Section is the work relating to the UGC Post Doctoral Fellowship to the SC/ST students. Two Research Scholars are doing Post Doctoral research under the Fellowship. The Progress Report, Continuation Certificate and HRA Certificate of the Research Scholars were forwarded to UGC.

Statistical information regarding teaching and non-teaching staff as well as admission to all level courses and hostel accommodation during 2018-19 were collected from University Departments and affiliated colleges and transmitted to the UGC

The Section processed and forwarded to the UGC such documents of the Teacher Fellows as Joining Reports, Undertaking / Progress Reports etc. Further, the section executed the work pertaining to the issuance of Faculty Certificates to be submitted along with FDP applications and permission to Teacher Fellows to join University Departments and University Library/Campus Library, Karyavattom. Orders of relieve of teachers completing the period of FDP fellowship were also issued by the section.

## **VI. FINANCE WING**

The Finance wing of the University deals with all financial matters pertaining to the University which includes the preparation of the Budget estimates, collection of funds from State/Central Government, other institutions approved by State/Central Government, internal revenue etc. and the expenditure of the same through effective financial management.

The Three Divisions of Finance are Finance, Accounts and Audit (Pre Audit and Out Audit)

### **Functions**

#### **I) Finance**

- a. Work Relating to the preparation of Budget
- b. Service matters of University Employees and Pension
- c. Advice on financial matters
- d. Realization of Grants in aid from State Government, UGC, Government of India and Other Agencies and mobilization of revenue.
- e. Review of various projects under implementation
- f. Monitoring the recurring and non recurring expenditure and ensure Budgetary Control System.

#### **II) Accounts**

- a. Maintaining accounts of Receipts and Expenditure
- b. Classification and consolidation of receipts and expenditure
- c. Maintaining accounts relating to PF, FBS, GWS,SLI etc
- d. Preparing proforma accounts
- e. Cash sections collect all items of receipts by way of cash/demand drafts and deposit them into the KUF and effect payment as per bills passed by audit sections.

#### **III) Audit**

- a. Attending to the pre – audit of bills
- b. Clearing of audit objections raised by Government Auditor and Accountant General
- c. Conduct internal audit of departments, affiliated colleges, UIT,UIM,KUCTE etc
- d. Inspects departments and centres and verify Accounts and Registers
- e. Making revenue collection intense and Expenditure control effective
- f. Constant contact with the colleges to settle the special fees accounts in time. Efforts are being made to computerize the entire accounting functions.

### Non-Plan Grant

The University had submitted a request for sanction of ₹ 37,975/- lakhs as Non Plan Grant for the year 2019 -20 against which Government sanctioned an amount ₹ 34,105.50/- lakhs as Non Plan Grant for the year.

### Plan Grant

For the development activities of the University and financial assistance for Inter University Centres the State Government allotted a plan grant of ₹ 2900/- lakhs for the year 2019 – 20 which is released in four equal instalments. ₹ 1,07,87,881/- has been received from the UGC as Plan Grant during the year.

### Grant –in – aid from Other Agencies

Grant –in – aid received during 2019 from various agencies for undertaking specific projects/schemes are as shown below:

UGC : ₹ 121.20 Lakhs

Other Agencies like

CSIR, ICMR, ICSSR etc. : ₹141.62 lakhs

Grant for running HRDC ( ASC) : ₹ 91.81 lakhs

State Government : ₹ 136.42 lakhs

Government of India : ₹ 376.48 lakhs

### Standing Committee of the Syndicate on Finance

The Standing Committee of the Syndicate on Finance met twelve times and considered various items referred to it.

### Statutory Finance Committee

A Meeting of the Statutory Finance committee was convened in December 2019. The Committee considered the Budget proposal for the year 2020 – 2021

### Budget Estimate 2019 – 20

The budget estimates of the University are divided into four parts. **Part I** deals with the Non-Plan Receipts and Expenditure connected with the normal functioning of the University. **Part II** deals with the Receipts and Expenditure on development activities of the University out of plan allotments from the State Government and UGC. **Part III** deals with the Receipts and Expenditure against funds earmarked for specific purposes and allotted by various sponsoring agencies like UGC, Government of India, CSIR, ICAR, ICSSR, etc. **Part IV** deals with the Receipts and Expenditure relating to debt and deposits.

The Senate of the University of Kerala at its meeting held on 18<sup>th</sup> & 19<sup>th</sup> February 2019 approved the Annual Financial Estimates of the University for the year 2019 – 20.

## VII. PUBLIC RELATIONS WING

- The PRO wing of the University of Kerala plays a pivotal role in gathering and communicating the current and up to date information to the stake holders directly as well as through offline and online media. Daily updating of the information regarding the examination and other important matters are done in a time bound manner in the University Website. The major activities of the wing for the year 2019 is detailed below;
- PRO wing is proud to organise some prestigious events conducted by the University at the University Senate Hall during 2019. A farewell function was conducted to the employees and teachers who retired from University service were felicitated. The inaugurations of the newly constructed Controllor of Examination Annexe Building by Sri. E. Chandrasekharan, Hon. Minister for Revenue and Housing at SH campus, ONV Memorial and CLIF Building at Kariavattom Campus by Dr. K. T. Jaleel, Hon. Minister for Higher Education were organised. The inauguration of the newly constructed Dr. K. R. Narayanan Memorial Students' Amenity Centre at Senate House campus was done by Hon'ble Chief Minister of Kerala Sri.Pinarayi Vijayan. On the same day the newly constructed Canteen Building was also inaugurated by the Hon'ble Vice Chancellor. The online services to students were inaugurated by the Deputy Speaker of Kerala Legislative Assembly Sri.V.Sasi. The inaugural function was presided by Dr.K.T. Jaleel, Hon'ble Minister for Higher Education on this occasion. Sri. V.S. Siva Kumar, MLA released a magazine "Athijeevanam" (flood relief activities of University of Kerala).
- Hon'ble Vice Chancellor appreciated and felicitated the University Fraternity for their dedication in work that helped the University of Kerala to secure 22<sup>nd</sup> Rank in NIRF.
- Hon'ble Vice Chancellor felicitated the employees of CBCSS for expediting the announcement of Sixth Semester UG examination results and the employees of private registration section for publishing the third year results of annual scheme private registration students.
- A send-off was organised to K Madhu Kumar, former CE at Senate Hall. The function was chaired by Hon.ble Vice Chancellor.
- A function was organised to felicitate former teaching faculties Prof. (Dr.). K C Sunny who was appointed as the Vice Chancellor of NUALS and Dr. Rajasree M S who was appointed as Vice Chancellor of KTU.
- 20<sup>th</sup> Kargil Vijay Diwas Celebrations were conducted in association with the Southern Air Command at University Senate Hall, in which Hon'ble Governor of Kerala and Hon'ble Chancellor of the University Justice.(Retd).P.Sathasivam was the Chief Guest. The programme was aimed to encourage the young generation to render their services to the Armed forces.

- University of Kerala conferred the Honorary Degree of Doctor of Science to Padma Vibhushan Dr. Jayant V. Narlikar and Padma Bhushan Shri. S. Gopalakrishnan (Kris Gopalakrishnan) on 22.08.2019. Pro Chancellor Dr. K. T. Jaleel awarded the Honorary Degree to the dignitaries. Honorary Degree of Doctor of Science to Bharatratna Dr. Chintamani Nagesa Ramachandra Rao was awarded by the Hon'ble Governor of Kerala and Honourable Chancellor Shri. Arif Mohammad Khan presented the Degree to the eminent Scientist on 10.12.2019.
- Kerala Piravi Day was observed on November 1<sup>st</sup> and Dr. C. R. Prasad, Registrar (i/c) administered a pledge "Bharanabhasha Prathinja" to the staff emphasizing the importance of using Malayalam language for official purpose in the University.
- O.N.V Memorial Award was presented to the noted Malayalam story writer Shri. T. Padmanabhan at a function organised at the O.N.V Memorial Building, University of Kerala, Kariavattom Campus. The award was presented by Hon'ble Chief Minister Shri. Pinarayi Vijayan.
- A sum of Rs 25 lakh was donated to CMDRF by Hon. Vice Chancellor to Hon. Chief Minister at Chief Ministers Office. Including the above sum, total donation by the University towards CMDRF reached Rs 6.62 Cr.
- Published the January 2018 – December 2018 edition of the 'University Herald', the official news letter of the University and Circulated to the staff of the University. The pending Herald issue during the Period from (January 2019-December 2019) is being prepared.
- "Bhashakkoru Dollar Award" was presented to Dr. Swapna Sreenivasan on 29.01.2019 by Dr. K. T. Jaleel, Hon'ble Minister for Higher Education, which is instituted by the University of Kerala along with Federation of Kerala Associations in North America (FOKANA) for the best thesis in Malayalam among the Ph.D winning thesis submitted in the Universities in Kerala, in a view to promote Malayalam language and literature
- Days of National Importance such as Republic Day and Independence Day were celebrated with hoisting of flag by the Hon'ble Vice Chancellor at the Senate House Campus witnessing a massive gathering of the University employees and teachers.
- Sadbhavana Day, National Re-dedication day etc. were observed in the University and circulars were issued in this regard to all University offices and teaching departments.
- The PR section routinely issues press releases containing news related to examinations and other activities on every working day and regularly updates the University Website. Press Cuttings of important news related to the University are compiled and submitted each day to the office of the Vice-Chancellor, Pro – Vice Chancellor and the Registrar. The enquiry section under the PR wing does an admirable job in delivering accurate and updated information directly to the student community.

## VIII. ELECTION WING

The following elections/nominations were held to various Authorities/ Bodies of the University during the year 2019.

### A. Reconstitution of the Senate of the University

The Senate of the University of Kerala has been reconstituted with effect from 01/07/2019 with the following members vide University notification no. Election/Senate/2018 on 01-07-2019.

#### EX-OFFICIO MEMBERS:

1	The Chancellor
2	The Pro-Chancellor
3	The Vice-Chancellor
4	The Pro-Vice-Chancellor
5	The Finance Secretary to Government or an Officer not below the rank of Joint Secretary, nominated by him.
6	The Director of Public Instruction
7	The Director of Collegiate Education
8	The Secretary to Government or the Additional Secretary to Government, General Education Department, to be nominated by the Government.
9	The Secretary to Government or the Additional Secretary to Government, Higher Education Department, to be nominated by the Government

10	The Secretary to Government, Information Technology Department or an Officer of the Information Technology Department, not below the rank of a Joint Secretary, nominated by him
11	The Director of Technical Education
12	The Chairman, State Advisory Board of Education
13	The Mayor of Thiruvananthapuram
14-20	Seven Heads of the University Departments- (To be nominated by the Chancellor under Section 17-Ex-Officio Members (13) of the Kerala University Act, 1974)- Vacant
21-24	Four Deans of Faculties of the University –( To be nominated by the Chancellor under Section 17-Ex-Officio Members (14) of the Kerala University Act, 1974) - Vacant
25	The Chairman, Kerala University Union Riyas A R IInd Year M.A Malayalam University College, Thiruvananthapuram

**ELECTED MEMBERS:**

(i)	Principals of Colleges (under Section 17- Elected Members (1) of the Kerala University Act, 1974)
26	Dr. B. Unnikrishnan Nair Principal, Govt. College, Kariavattom, Thiruvananthapuram –695 581
27	Dr. Thara G.S Principal, Govt. College Attingal, Thiruvananthapuram – 695101
28	Dr. V.Gopakumar Principal, Government Arts & Science College, Ambalapuzha, Alappuzha-688561
29	Dr. K. S. Anil Kumar Principal, Sree Ayyappa College, Eramalikkara, Chengannor, Alappuzha - 689109.
30	Dr. Manoj.K.B Principal, SN College, Cherthala –688582.
31	Dr. Mathew V Principal, St.Michael’s College, Cherthala, Alappuzha- 688539.
32	Dr. B.Rajendran Principal, Kerala Institute of Tourism and Travel Studies, Thycadu, Thiruvananthapuram 695014
(ii)	Members of Legislative Assembly (under Section 17- Elected Members (3) of the Kerala University Act, 1974)
33	P. Aisha Potti Member, Legislative Assembly, Sreesankaram, Padinjattinkara, Kottarakkara P.O., Kollam-691 506
34	Chittayam Gopakumar Member, Legislative Assembly, “Shangrila”, Konnamankara, Adoor P.O, Pathanamthitta-691 523.
35	V.Joy Member, Legislative Assembly, “Sadhavanam”, Near SN Mission Hospital, Puthanchanda, Varkala P.O. Thiruvananthapuram-695 141.
36	R. Rajesh Member, Legislative Assembly, Nalloorkulathil, Kollakadavu P.O, Chenganoor, Alappuzha – 690 509
37	K.S.Sabarinadhan Member, Legislative Assembly, “Abhayam”, B-21, Sreerangam Lane, Sasthamangalam P.O, Thiruvananthapuram-695 010.



38	M.Vincent Member, Legislative Assembly, Vattavilakom,R.C.Street, Balaramapuram, Thiruvananthapuram-695 501.
(iii)	Teachers of the University (under Section 17- Elected Members (4) of the Kerala University Act, 1974)
39	Dr. Pramod Kiran R.B. Assistant Professor, Dept. of Aquatic Biology and Fisheries, Kariavattom.
40	Dr. Helen A. Associate Professor, Dept. of Bio-Chemistry, Kariavattom
41	Dr. Nazeeb S Assistant Professor, School of Distance Education, Palayam.
(iv)	Teachers of Government Colleges (under Section 17- Elected Members (5) of the Kerala University Act, 1974)
42	Ajith Kumar.J.N Assistant Professor, English, Govt. College for Women, Vazhuthacaud, Thiruvananthapuram.
43	Dr. Vishnu V S Assistant Professor, Chemistry, Govt. Arts College, Thycaud, Thiruvananthapuram
44	Dr. A. Balakrishnan Assistant Professor, History, University College, Thiruvananthapuram
45	Dr. Sabeen.H.M Assistant Professor, Geology, Govt. College, Kariavattom, Thiruvananthapuram.
46	Jairaj J Assistant Professor, Physical Education Govt. College, Attingal, Thiruvananthapuram
(v)	Teachers of Private Colleges (under Section 17- Elected Members (6) of the Kerala University Act, 1974)
47	Dr. Lakshmi Priya N Assistant Professor, English Mahatma Gandhi College, Thiruvananthapuram.
48	Dr. Dileep A.S Assistant Professor, Commerce Mahatma Gandhi College, Thiruvananthapuram.
49	Dr. Sam Solomon Associate Professor, Physics Mar Ivanios College, Thiruvananthapuram.
50	Dr. Babitha G S Assistant Professor, Zoology, S.N. College, Sivagiri, Varkala.
51	Dr. Kavitha. K.R Assistant professor, Botany, S.N. College, Chempazhanthi.
52	R Arunkumar Associate Professor, Physical Education K.S.M.D.B College, Sasthamcottah.
53	Dr. Sumi Alex Assistant Professor, Commerce, St. Gregorios College, Kottarakara.
54	Dr. M.Vijayan Pillai Associate Professor, Malayalam, NSS College, Nilamel.
55	Dr. Sekaran S Assistant Professor, SN College for Women, Kollam.

56	Sibi C Babu Assistant Professor, St. John's College, Anchal.
57	Dr. Abraham A Assistant Professor, Physics, Christian College, Chengannur.
58	Dr. Rani Abhraham Assistant Professor, Chemistry, Christian College, Chengannur.
59	S. Ajayakumar Assistant Professor, Malayalam, S.D. College, Alappuzha.
60	Dr. K. Jayakumar Associate Professor, Physical Education, NSS College, Pandalam.
61	Shajitha S Assistant Professor, Islamic History T.K.M College of Arts & Science, Kollam.
62	Sony.PJohn Assistant Professor, Commerce, Milad-E- Sherief Memorial College, Kayamkulam.
(vi)	Members of the Local Authorities (under Section 17- Elected Members (7) of the Kerala University Act, 1974)
63	B P Murali Member, District Panchayath, Thiruvananthapuram, Mampazhikathu Veedu, Pullayil P O, Kilimannoor, Thiruvananthapuram District.
64	Aneppil Dr. D Sujith Kollam Corporation Aneppil Veedu, Kangathumukku, Tirumullavaram, PO Kollam, Kollam District.
65	B. Sathi Kumari Member, Pathanamthitta, Dist. Panchayath Nellikunnil, Ananda bhavan Ikkad, Kodumon.P.O. Pathanamthitta District
66	Viswan Padanilam Alappuzha District Panchayath Noorukodipadeetathil, Padanilam. P.O Alappuzha District.
(vii)	Presidents of Registered Trade Unions (under Section 17- Elected Members (8) of the Kerala University Act, 1974)
67	Adv. Aji Kumar A. President, Alappuzha Jilla Thozhilurappu Thozhilali Union (NREGS), T.V. Bhavan, Mullackal, Alappuzha.
68	V. Sivankutty Skilled Workers Union (CITU) T.C 21/731, Nedunkavu, Karamana P.O, Thiruvananthapuram
(viii)	Non-Teaching Staff of the University (under Section 17- Elected Members (9) of the Kerala University Act, 1974)
69	Bijukumar G, Section Officer (Hr.Gr), University Office, Thiruvananthapuram
(ix)	Non-Teaching Staff of the Affiliated Colleges (under Section 17- Elected Members (10) of the Kerala University Act, 1974)
70	Anilkumar R. Attender, Govt. Sanskrit College, Thiruvananthapuram
71	Osbon.Y Lab Assistant, FMN College, Kollam

72	S.Jayaram Lab Assistant, TKMM College, Nangiarkulangara
(x)	Managers of Private Colleges (under Section 17- Elected Members (11) of the Kerala University Act, 1974)
73	Vacant
(xi)	Ten Members elected by the members of the General Council of the University Union from among Full-time Students (under Section 17- Elected Members (12) of the Kerala University Act, 1974)
74	Aby Shinu IV Sem 3 Year LLB Kerala Law Academy Law College, Peroorkkada, Thiruvananthapuram.
75	Akshay A A S4 Economics, Bishop Moore College, Mavelikkara, Alappuzha.
76	Anagha A S Ph.D Department of Hindi Kariyavattom Campus, University of Kerala.
77	Krishnendu R B.Com, Milad-E-Sherief Memorial College, Kayamkulam.
78	Mohammed Yaseen S2 M.Com Finance Sree Narayana Guru College of Advanced Studies, Cherthala
79	Nithin S First Semester B.Ed Physical Science Millath College of Teacher Education, Sooranad, Kollam.
80	Pavithra U II M.Com, Milad-E-Sherief Memorial College, Kayamkulam.
81	Rahul A Rajan S2 BBA LLB CSI Institute of Legal Studies, Cheruvarakonam, Parassala.
82	Rahul R 8th Semester 5 Year B.A LLB Kerala Law Academy Law College, Peroorkkada, Thiruvananthapuram.
83	Sijith S First Semester B.Ed Natural Science PTM College of Education, Maruthookonam.

#### **B. Nomination of Seven Heads of the University Departments to the Senate by The Chancellor**

The Chancellor has nominated the following Heads of University Departments, to the Senate of the University of Kerala, under the provisions of Sub-Section (13) of Section 17 - Ex -Officio Members - of the Kerala University Act, 1974 and the same was notified vide University notification no. Election/S/N/HOD/2019 on 10.07.2019.

1.	Dr. Pushpam M Associate Professor & Head, Department of Sociology, University of Kerala, Kariavattom, Thiruvananthapuram
2.	Dr. G. Prasad Professor & Head, Department of Zoology, University of Kerala, Kariavattom, Thiruvananthapuram
3.	Dr. S. Shifa Professor & Head, Department of Malayalam, University of Kerala, Kariavattom, Thiruvananthapuram
4.	Dr. Suresh Singh. G Professor & Head, Department of Mathematics, University of Kerala, Kariavattom Thiruvananthapuram

5.	Dr. P. Mohanachandran Nair Professor & Head, Department of Demography, University of Kerala, Kariavattom, Thiruvananthapuram
6.	Dr. C. Satheesh Kumar Associate Professor & Head, Department of Statistics, University of Kerala, Kariavattom, Thiruvananthapuram
7.	Dr. V. Sathish Associate Professor and Head, Department of History, University of Kerala, Kariavattom Thiruvananthapuram

### C. Nomination of Deans of faculties to the Senate by The Chancellor.

The Chancellor has nominated the following Deans of Faculties, to the Senate of the University of Kerala, under Chapter IV, Section 17 - Ex – Officio Members (14) of the Kerala University Act, 1974 and the same was notified vide University notification no Election/S/ N/Deans/2018-19 on 17.07.2019.

1.	Dr. Usha Sujit Nair Associate Professor Lakshmi Bai National College of Physical Education Kariavattom P O Thiruvananthapuram	(Dean, Faculty of Physical Education)
2.	Dr. K. G. Gopchandran Associate Professor Department of Optoelectronics University of Kerala. Mob : 8129914751	(Dean, Faculty of Applied Science & Technology)
3.	Dr. Shaji Varkey Associate Professor, Department of Political Science University of Kerala Kariavattom Thiruvananthapuram	(Dean, Faculty of Social Sciences)
4.	Dr. B. S. Jamuna Professor and Head Institute of English, University of Kerala.	(Dean, Faculty of Arts)

### D. Nomination of Other Members to the Senate by the Chancellor

The Chancellor has nominated the following persons to the Senate of the University of Kerala, under Section -17-Other members – Items (1), (2) and (3) of the Kerala University Act, 1974 and the same was notified vide University notification no. Election/S/N/OM/2019 on 02.08.2019.

I. Members nominated to the Senate under section-17-other members (1) of the Kerala University Act, 1974		
TWO HEADMASTERS OF THE HIGH SCHOOLS		
1.	Sri.Suresh Babu R.S Headmaster, Govt. Model Boys HSS, Thycaud P.O., Thiruvananthapuram – 14.	
2.	Smt. Yamuna Devi T.S, Principal, Govt. PPTTI Cotton Hill, Thiruvananthapuram – 10.	

Two School Teachers		
1.	Sri.Harikumar G.K HSST Junior Physics CPHSS Kuttikkadu, Kadakkal, (Radha Madavam, Ummannoor P.O, Kottarakkara, Kollam – 691 520).	
2.	Sri. Ajayakumar.V HSA Malayalam. GHSS Palayamkundu, Varkkala.	
II. Members nominated to the senate under section-17-other members (2) of the Kerala University Act, 1974		
70.	Dr. Vinodkumar T.G Nair Senior Scientist, TBGRI, Palode.	Representing recognised Research Institutions
71.	Sri. Shaik P Hariz, Chairman, PA Hariz Foundation & Joint Secretary, MSM Trust, Kayamkulam (Puthenpurayil House, Kayamkulam, Alappuzha).	Representing recognised Cultural Associations
72.	Sri. Joy Sukumaran, Coir Flex Export Pvt.Ltd., Joy Bhavan, Pattanakkad P.O., Cherthala. Alappuzha	Representing Chamber of Commerce
73.	Sri. Patmakumar G., Proprietor, Capital Color Park Digital Press, Kollam & Karunagappally (Harichandanam, Alumpeedika P.O, Karunagappally, Kollam – 690 547).	Representing Industries
74.	Prof. A. M. Unnikrishnan, Professor of Malayalam. University of Kerala.	Representing Authors
75.	Dr. N. P. Chandrasekharan, Director, News Malayalam Communication, Kairali Tower, Ashan Square, Palayam, University P.O. (Rithuharam, Kanjirampara P.O., Thiruvananthapuram).	Representing Journalists
76.	Adv. Muraleedharan Pillai G., Kizhakkumbhagathu Koivila, Koivila P.O., Kollam – 691 590.	Representing Lawyers
77.	Adv. B.Balachandran, Parayattukonam, Pirappancode, Venjaramoodu, Thiruvananthapuram.	Representing Sports
78.	Dr. P. Asokan, SP Fort Hospital, Fort, Thiruvananthapuram – 695 023.	Representing Linguistic Minorities
III. Outstanding Student Members nominated to the Senate under section-17-other members (3) of the Kerala University Act, 1974		
1.	Athira P, M.A Malayalam. University of Kerala, Kariavattom.(Thottathil Mel- athil Veedu,Mukkoodu P.O., Kundara, Mulavana, Mukkoodu, Kollam – 691 503).	Representing Humanities
2.	Ascharya D., MSc Statistics. Govt. Arts College, Thycaud, Thiruvananthapuram. (Lalith, T.C 27/1895(1), CRA 15, Vanchiyoor, Con- vent Road, Vanchiyoor, Thiruvananthapuram – 695 035).	Representing Science

3.	Abishek S., B.Com, MMS Govt, College, Malayinkeezhu, Thiruvananthapuram(Abhi Nivas, T.C 42/716, CRA-281(B), Poojappura P.O., Thiruvananthapuram – 695 012).	Representing Sports
4.	Krishna Ajith, II Year B.A English, Mar Ivanious College, Nalanchira, Thiruvananthapuram (Flat No.6a, Nikunjam, Palm Groove, Opp.Lulu Mall, Near Perfect Honda, Venpalavattom, Anayara P.O., Thiruvananthapuram – 695 029).	Representing Fine Arts

**E. Five members nominated to both the Senate and the Syndicate - from the field of Higher Education and One member from the field of Information Technology by the Government.**

The Government has nominated the following five persons from the field of Higher Education and one person from the field of Information Technology as members of the Senate of the University of Kerala, under Section 17 – Other members (4) and (5) of the Kerala University Act, 1974 and the same was notified vide University notification No. Election/S/Sy/Nom/2019 on 16.07.2019.

1	Adv. K.H. Babujan Abhayam, Evoor South, Keerikkad P.O, Alappuzha-690508.	
2	Dr.K.B. Manoj Mukthi, Maru South, Alumkadavu P.O, Karunagappally, Kollam. (Principal, Sree Narayana College, Cherthala)	
3	Adv. A Ajikumar Kollasseril, Kannampally Bhagam Kayamkulam P.O, Alappuzha – 690 502	
4	Smt.Renju Suresh Puthenvila Veedu, Vakkammukku, Alayamon P.O, Anchal, Kollam – 691 306.	SC/ST
5	Prof. K.Lalitha TC 18/514-1, PRA 331-B Aramada P.O, Punnackamughal, Thiruvananthapuram – 695 032. (Retd. Govt. College Principal & Retd. Deputy Director of Collegiate Education)	Woman
6	Dr.Gopchandran K.G Professor & Head, Department of Optoelectronics, Kerala University, Thiruvananthapuram – 695 581.	IT Expert

**E. RESIGNATION OF MEMBERSHIP FROM THE SENATE/SYNDICATE**

- a. **Dr. Manoj. K. B.**, elected to the Senate of the University of Kerala under Section 17 – Elected Members (1) of the Kerala University Act, 1974, has resigned from the Senate, consequent to his nomination by the Government to both senate and syndicate of the University of Kerala from the field of Higher Education, and the same was notified vide notification No. Election/S/2018-19(2) dated 29/07/2019.
- b. **Adv. Aji Kumar. A.**, elected to the Senate of the University of Kerala under Section 17 – Elected Members (8) of the Kerala University Act, 1974, has resigned from the Senate, consequent to his nomination by the Government to both senate and syndicate of the University of Kerala from the field of Higher Education, and the same was notified

vide notification No. Election/S/2018-19(3) dated 29/07/2019.

- c. **Sri. K.G Gopchandran**, nominated to the Senate of the University of Kerala as the Dean of Faculty of Applied Science & Technology under Section 17 - Ex – Officio Members (14) of the Kerala University Act, 1974,, has resigned from the Senate, consequent to his nomination by the Government to both senate and syndicate of the University of Kerala from the field of Information Technology, and the same was notified vide notification No. Election/S/2018-19(1) dated 29/07/2019.
- d. **Sri. Abhishek S.** (Abhi Nivas, T.C 42/716, CRA-281(B), Poojappura P.O., Thiruvananthapuram – 695 012) nominated to the Senate by the Hon'ble Chancellor as student member having outstanding ability in sports, under Section 17 –

Other Members (3) of the Kerala University Act, 1974, has ceased to be a member of the Senate on acceptance of his resignation and the same was notified vide notification Election/S/OM/2018-19(3) on 03/08/2019.

The following General council members of the Kerala University Union were declared duly elected to hold the following posts of the Kerala University Union 2018-19, and the same was notified vide University notification no. Election/K U U /1/2018-2019 on 22.06.2019.

**F. ELECTION OF OFFICE BEARERS OF THE KERALA UNIVERSITY UNION 2018-19.**

**I. CHAIRMAN**

Sl No	Name and Address
1	Riyas A R IInd Year M.A Malayalam University College, Thiruvananthapuram

**II. VICE CHAIRMAN**

1	Sahal A 3rd Sem BBA PMSA PTM College, Kottappuram, Kadakkal
2	Jugal Halthaf Department of Commerce, KVM College of Arts and science, Kokkothamangalam, Cherthala
3	Aparna S.I M.Sc Mathematics, Dept. of Mathematics, Kariavattom Campus.

**III. GENERAL SECRETARY**

1	Anju Krishna G.T II M.A Political Science, S.N College, Kollam
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**IV. JOINT SECRETARY**

1	Nikhil M Thomas II B.Com Finance, Milad-E-Sherief Memorial College, Kayamkulam
2	Arun Krishnan PK B.A Political Science, NSS College, Pandalam.

**V EXECUTIVE COMMITTEE**

1	Archa J S II B Sc Statistics, Govt. College for Women, Vazhuthacaud
2	Nikhil S A II Sem. MA Sociology, KNM Govt. Arts And Science College, Kanjiramkulam
3	Akshay Santhosh Sem III, B.A. English, Mar Ivanios College of Arts & Science, Kallumala, Mavelikkara
4	Athul A B S3 B.Sc Botony, Iqbal College, Peringammala, Tvm
5	Kiran B IInd B.Com, Govt.Arts & Science College, Ambalappuzha
6	Bhoopathy R D2 Economics, St.Cyril's College, Adoor
7	Govind G S5 BJMC,, A.J College of Science & Technology, Thiruvananthapuram
8	Harikrishnan M Mathematics (S1), Millath College of Teacher Education, Sooranad, Kollam

9	Anandhu Aji S3 B.Com Computer Application, Bishop Moore College. Mavelikkara
10	Adithya A.S II DC Physics, S.N College for Women, Kollam
11	Anakha Prakash III Sem English, KSM DB College, Sasthamcotta
12	Sreeju S II Year BSc Electronics, College of Applied Science, Dhanuvachapuram.
13	Kavitha M.I II B.A LLB, NSS Law College, Kottiyam
14	Muhammad Irshad I B.Com, MSN Institute of Management & Technology, Chavara, Kollam.
15	Balagopal S P B.Ed Physical Science Veliyam Memorial College of Teacher Education, Edappallycotta, Kollam.

#### VI ACCOUNTS COMMITTEE

1	Saidali Sakkir S3 B.Com Finance, TKM College of Arts And Science, Kollam
2	Vaisakh R B II nd DC Commerce, SN College, Chempazanthy, Thiruvananthapuram.
3	Aryananda A I DC Home Science, S.N College for Women, Kollam
4	Arunima V.S II B.A Economics, TKMM College, Nangiarkulangara.
5	Gourinath H.S S3 BSc Physics, Mother Theresa College, Nellikad, Thiruvananthapuram.

#### G. Election to the Syndicate of the University.

Election to the syndicate of the University (as provided for in Section 21 – Other Members (a) & (b) of the Kerala University Act, 1974) from among the members of the Senate, was held on 05.09.2019 and constitution of the same was completed with the following members and notified vide University notifications Election/S/Sy/Nom/2019 on 16.07.2019, Election/Syndicate /2019(3), (4) & (5) dated 30.08.2019 and Election/Syndicate /2019 dated 05.09.2019.

Sl. No.	Membership (Relevant provision of the Act-Chapter 1V)	No	Name & Address
Ex-Officio Members			
1	21 (a)	1	The Vice-Chancellor:
2	21 (b)	2	The Pro-Vice-Chancellor:
3	21 (c)	3	The Secretary to Government Higher Education Department or an officer not below the rank of a Joint Secretary nominated by him.
4	21 (d)	4	The Director of Public Instruction O/o the Director of Public Instruction, Jagathy, Thiruvananthapuram



5	21(e)	5	The Director of Collegiate Education, Government of Kerala, Vikas Bhavan, Thiruvananthapuram.		
6	21(f)	6	The Secretary to Government, Department of Information Technology or an officer of the Information Technology Department not below the rank of a Joint Secretary, nominated by him.		
13 - elected members as per Section 21 - Other members (a) of the Kerala University Act 1974.					
7	21(a)	1	R. Rajesh Member, Legislative Assembly, Nalloorkulathil, Kollakadavu P.O, Chenganoor, Alappuzha – 690 509.	(SC)	Senate Constituency MLA
8	21(a)	2	Jairaj J Assistant Professor, Physical Education Govt. College, Attingal, Thiruvananthapuram.	Government College Teacher	Government College Teacher
9	21(a)	3	R Arunkumar Associate Professor, Physical Education K.S.M.D.B College, Sasthamcottah.	Aided college Teacher	Private College Teacher
10	21(a)	4	Dr. M.Vijayan Pillai Associate Professor, Malayalam, NSS College, Nilamel.	Aided college Teacher	Private College Teacher
11	21(a)	5	B P Murali Member, District Panchayath, Thiruvananthapuram, Mampazhikathu Veedu, Pullayil P O, Kilimannoor Thiruvananthapuram District.	General Category	Member of Local Authority (TVPM)
12	21(a)	6	Viswan Padanilam Member Alappuzha District Panchayath Noorukodipadeetathil, Padanilam. P.O Alappuzha District.	General Category	Member of Local Authority (ALPY)
13	21(a)	7	Bijukumar G Section Officer (Hr.Gr), University Office, Thiruvananthapuram.	General Category	Non-teaching Staff of University
14	21(a)	8	Adv. Muralidharan Pillai G Kizhakkumbhagathu Koivila,Koivila P.O., Kollam – 691 590.	General Category	Member representing Lawyers - nominated by the Chancellor
15	21(a)	9	Adv. B.Balachandran Parayattukonam, Pirappancode, Venjaramoodu, Thiruvananthapuram.	General Category	Member representing Sports - nominated by the Chancellor
16	21(a)	10	Dr. B. Unnikrishnan Nair Principal, Government College, Kariavattom, Thiruvananthapuram –695 581.	Government College Principal	Principal of Govt. College

17	21(a)	11	Dr. Mathew V Principal, St.Michael's College, Cherthala, Alappuzha- 688539.	Private college other than un-aided Prin- cipal	Private college other than un-aided Prin- cipal
18	21(a)	12	Dr. Nazeeb S Assistant Professor, School of Distance Education, University of Kerala.	University Teacher	University Teacher
One Student Member 21- Other members (b)					
19	21(b)	13	Mohammed Yaseen S2 M.Com Finance Sree Narayana Guru College of Advanced Studies, Cherthala.	Student Member	Student Member to the Senate
6- members nominated by Government:- 5- from the field of Higher Education and 1- from the field of Information Technology as per item (4) and (5) under the heading "Other members" in Section 17					
20	21(c)	1	Adv. K.H. Babujan Abhayam, Evoor South, Keerikkad P.O, Alappuzha-690508.		Government Nominee from the field of High- er Education
21	21(c)	2	Dr.K.B. Manoj Mukthi, Maru South Alumkadavu P.O, Karunagappal- ly,Kollam. (Principal, Sree Narayana College, Cherthala.		Government Nominee from the field of High- er Education
22	21(c)	3	Adv. A Ajikumar Kollasseril, Kannampally Bhagam Kayamkulam P.O, Alappuzha – 690 502.		Government Nominee from the field of High- er Education
23	21(c)	4	Smt.Renju Suresh Puthenvila Veedu, Vakkammukku, Alayamon P.O,Anchal, Kollam – 691 306.		Government Nominee from the field of High- er Education (SC/ST)
24	21(c)	5	Prof. K.Lalitha TC 18/514-1, PRA 331-B Aramada P.O, Punnackamughal, Thiruvananthapuram – 695 032. (Retd. Govt. College Principal & Retd. Deputy Director of Colle- giate Education).		Government Nominee from the field of Higher Educa- tion (Woman)
25	21(c)	6	Dr.Gopchandran K.G Professor & Head, Department of Optoelectronics, Kerala University, Thiruvanantha- puram – 695581.	IT Expert	Government Nominee from the field of Infor- mation Technology

#### H. Other Activities

1. The College union election for the year 2019-20 in affiliated colleges, under the University of Kerala was held on 27.09.2019 as per the directions stipulated by Lyngdoh Committee report.
2. Kerala University Department's Union 2018-19 and Kerala University Research Students Union 2018-19 were also reconstituted.
3. Steps has been initiated for by-election to the Senate for one member each from among the

Principals of Private Colleges other than Un-Aided Colleges and from among the Presidents of Registered Trade Unions; result of which has been decided to be declared on 16.03.2020.

4. Steps has also been initiated to conduct elections to the Statutory Finance Committee for one member each from among the members of the Senate, Syndicate and the Academic Council; result of which has been decided to be declared on 09.03.2020.

## IX. OTHER DEPARTMENTS & INSTITUTIONS

District and Taluk Information Centres under the University started with the objective of helping students and public for obtaining information from the University have proved to be a boon to them. Now there are three District Centres and Twelve Taluk Information Centres under the University.

### District Centres:

1. District Office – cum – Information Centre, Kollam
2. District Office – cum – Information Centre, Pandalam

3. District Office – cum – Information Centre, Alappuzha

Students residing at faraway places can make use of the facilities provided at the Centres to obtain application forms and send the filled up application to the University for various purposes. The Centres are always ready to clear the doubts raised by the students and public relating to the various courses conducted by the University and issue of various certificates and mark lists.

## X. INTERNAL QUALITY ASSURANCE CELL (IQAC)

### MAJOR ACTIVITIES OF IQAC

**During the period 1<sup>st</sup> January 2019 to 31<sup>st</sup> December 2019**

### Members:

1. The Vice - Chancellor (Chairman)
2. The Pro- Vice - Chancellor (Vice-Chairman)
3. Dr. S. Nazeeb, Member, Syndicate
4. Dr. K.G. Gopchandran, Member, Syndicate
5. The Registrar
6. The Finance Officer
7. The Vice - Chairman, Credit and Semester System
8. The Director, Computer Centre
9. The Chairman, Department Students' Union
10. The Chairman, Research Students' Union
11. Dr. Unnikrishnan S. M., Associate Vice – President, International Business & Strategic Planning, HLL Life care Ltd, Poojappura.
12. Dr. Biveesh U. C., Research Officer & Nodal Officer, RUSA State Office, Thiruvananthapuram.
13. Dr. A. K. Prasad, Professor, Department of Economics.
14. Dr. K. S. Chandrasekhar, Professor & Head, Institute of Management in Kerala
15. Dr. B. Hariharan, Professor, Institute of English
16. Dr. Jayachandran R., Professor and Head, Department of Hindi
17. Dr. R. B. Binoj Kumar, Associate Professor and Head, Department of Geology
18. Dr. S. Mini, Associate Professor & Head, Dept. of Biochemistry
19. Dr. S. R. Sheeja, Associate Professor of Economics, School of Distance Education
20. Dr. S. Aji, Assistant Professor, Department of Computer Science
21. Dr. E. Shaji, Assistant Professor, Department of Geology (Joint Director, IQAC)
22. Dr. Gabriel Simon Thattil, Director, IQAC

### 1. MEETINGS:

IQAC held 8 meetings in the year 2019 on the following dates: 10.01.2019, 13.02.2019, 10.04.2019, 31.05.2019, 03.07.2019, 14.10.2019, 16.10.2019 and 05.12.2019.

### 2. NIRF RANKING

University of Kerala was ranked at 22nd position among Universities and 35th position among all Higher Education Institutions in the country by NIRF, MHRD Govt. of India. Our University stood first among Universities in Kerala.

### 3. SCIENCE WEEK CELEBRATION

The Science Week celebrations of University of Kerala, organised by IQAC was inaugurated by Dr. V. P. Mahadevan Pillai, Vice Chancellor and Shri. M. C. Dathan, Scientific Advisor, Government of Kerala delivered the key-note address. In the inaugural day public lectures were delivered by Dr. Murukeshan Vadakke Matham (Director, Centre for Optical and Laser Engineering (COLE), Nanyang Technological University, Singapore) and Dr. Jatin Rath, Professor, Department of Physics, Indian Institute of Technology Madras, Chennai.

The Science Week celebrations, organized for the first time in University of Kerala, with a week-long programmes involving public lectures and open house days concluded with the workshop on popular science writing. For the first time in Kerala, a unique programme titled “Three Minutes Thesis” was organized for all the research scholars of the University of Kerala. The major purpose of this competition is to equip the scholars, to communicate the topic of their research and findings of their study and their benefits to society or knowledge domain effectively to the public, in simple language. This will also help the young researchers to explain their findings to potential employers, funders and policymakers, besides improving their communication and presentation skills in front of a discerning audience. Separate Science week celebrations were organized by various teaching departments of the University.

#### **4. ANNUAL INTERDISCIPLINARY ACADEMIC MEET (AIAM) - 2K19**

A School level academic meet is organized by Schools under University in association with IQAC. The objective of the meet is to strengthen the school system in terms of promoting interdisciplinary learning, interdisciplinary research and innovation, student's startup and incubation for new ideas, better campus infrastructure and support services. It is proposed that each school has to host an Annual Interdisciplinary Academic Meet. Participants are students, teachers and scholars of the departments under the School. The event took the form of workshop, seminar, conference, panel discussion based on a chosen theme considering the disciplines under the School. Resource Persons/invited speakers/experts from outside would act as guest. In case of seminars and conferences, students, scholars and teachers to present Papers as part of the meet. The meet can also involve a workshop providing hands on training on research methods or on specific issues relating to research, however, school inclusiveness to be ensured. School of Earth System Sciences, School of Communication and Information Science, School of Technology, School of Business Management and Legal Studies, School of Physical and Mathematical Sciences and School of Life Science have conducted programmes under the scheme.

#### **5. INTERACTION WITH EMINENT SCHOLAR**

With a view to expose students, teachers and researchers of our University to the learning and research environment prevailing in institutions of repute (Indian & Global), IQAC is inviting proposals to bring eminent scholars including Nobel laureates to our campus. Such experts would interact with our scholars and enrich them in their learning and research activities. The teaching departments of the University are encouraged to identify an expert of international repute, relating to their field to interact with teachers, students and scholars. Teaching Departments of the University in association with IQAC conducted interactive sessions with eminent scholars under the Programme "Interaction with Eminence Scholars". Department of Zoology, Institute of English, Department of Chemistry, Department of Geology, Department of Optoelectronics, Department of Aquatic Biology and Fisheries, Department of Future Studies, etc organized sessions under the scheme.

#### **6. INTERACTION WITH NOBEL LAUREATE**

Internal Quality Assurance Cell(IQAC), University of Kerala hosted an interactive session with Ada E. Yonath, Nobel Laureate in Chemistry under the scheme Interaction with Eminent Scholar on 4<sup>th</sup> February 2019 venue being Sonata Hall, Mascot Hotel, Thiruvananthapuram. The invitees of programme were teachers and scholars under the Faculty of Science and Faculty of Applied Science and Technology, University of Kerala, Kariavattom. Fostering quality research and exposing our scholars to the best research practices is the objective behind the programme "Interaction with eminent Scholars".

#### **7. STUDENT INDUCTION PROGRAM 2019**

University of Kerala organized a common induction programme for all students admitted to its various teaching departments in the academic year 2019 – 20. The objective of the programme is to acquaint students with the various academic and co – curricular support services offered by the University. This programme is in addition to the department level induction programme which focuses on career orientation, personality development and behavioral issues in addition to motivation to learn. The one day induction programme was held on 25<sup>th</sup> June 2019 at the Senate Hall, Palayam Campus. The Hon'ble Vice – Chancellor Prof. (Dr.) V. P. Mahadevan Pillai presided the function. Prominent speakers who would address the students would include:

- 1) Prof. V. K. Ramachandran, Vice – Chairman, Kerala State Planning Board.
- 2) Prof. (Dr.) Sabu Thomas, Vice – Chancellor, M.G. University, Kottayam.
- 3) Prof. S. K. Satheesh, Professor, Centre for Atmospheric and Oceanic Studies, Indian Institute of Science, Bengaluru.

Pro – Vice – Chancellor Prof. P. P. Ajayakumar, student leaders and other representatives offered felicitations. The induction lamp was formally lit by dignitaries and representative of students and parents.

#### **8. CURRICULUM FAIR**

Kerala University Curriculum Fair 2019 was organized under the joint auspices of Curriculum Development Centre, University of Kerala, IQAC, University of Kerala and FLAIR, Govt of Kerala. Altogether 66 posters articulating curriculum innovation which showed clear roadmap to encourage educators to challenge the conventional norms and think outside of the box to reach all types of learners with individualized styles were presented in the fair. Dr. Bindu R.L, Hon. Director, Curriculum Development Center and Head of the Department of Education was the Coordinator of the programmes. The posters presented in the three day fair generally provided strong support for student's social development and potential platform for showcasing the reality that curriculum implementation is the reaction between the teachers, learners and other stake holders in education geared towards achieving the objectives of education. The Fair 2019 was also platform which collaborate the academic insight and strength of the faculty of Kerala University departments to translate their idea in to workable blueprints and to develop program for its successful implementation. Posters representing innovative ideas were invited from teachers, students and research scholar of Universities, Colleges and teacher education institutions.

#### **9. WORKSHOP ON OUTCOME BASED EDUCATION**

The following three workshops were organized on Outcome Based Education to impart training on OBE to Chairpersons and members of various Board of Studies (BoS).

- On **14th May 2019** with **Dr. Gabriel Simon Thattil**, Director, IQAC as resource person
- On **1st June 2019** with **Dr. Edamana Prasad**, Professor, Department of Chemistry, IIT Madras, Chennai as the Resource Person.
- On **7th June 2019** with **Dr. Neeru Snehi**, Department of Higher and Professional Education, National Institute of Education Planning and Administration, New Delhi as the Resource Person.
- **23rd July 2019** with **Prof. E. Ramganes, Professor, Bharathidasan University**, and **Dr. Edamana Prasad, Professor, IIT Madras**

#### **10. FILE ADALATH**

As per the directions from Kerala State Higher Education Department, A File Adalath has been conducted on 26/02/2019 in which Dr. K. T. Jaleel, Hon'ble Minister for Higher Education has presided. In addition to the Minister, Hon'ble Vice-Chancellor, Pro-Vice-Chancellor, Syndicate members, Registrar, Controller of Examination, Finance Officer and other allied officers attended the meeting. Students, research scholars, teachers, managers and College Principals have registered their complaints. Among the 130 applications received, 113 applications were online and 17 applications were offline. All the applications were scrutinized and decisions have been taken for each of the complaints. The minutes of the meeting is uploaded in the University website.

#### **11. SREE NARAYANA GURU INTERNATIONAL STUDY CENTRE**

In the budget speech 2017-18, sanction has been accorded for institution of Sree Narayana Guru Study Centre for promoting the ideas, thoughts, social reforms and excellent contributions to the new generations of Sree Narayana Guru. Seminars, Symposiums, Talks etc are to be conducted under the proposed Centres. IQAC conducted essay writing and drawing competitions relating to Sree Narayana Guru's life and thoughts for High school students, Plus two students and non-students category.

#### **12. IDEA DAY – IDEA GENERATION PROCESS OF KERALA START-UP MISSION**

Idea Day was conducted for students and scholars on 25th April 2019 on idea generation process of Kerala Startup Mission (KSUM). Students and scholars raised questions on new start-ups as well as clarification on the currently incubated start-ups.

#### **13. PRE-MONSOON CLEANING DRIVE PROGRAMME**

University of Kerala intends to establish itself as a “zero waste green campus”. As part of the drive, a massive campus cleaning operation to be followed by implementation of waste management strategies as well as sustainable green campus development initiatives. Two cleaning drives were conducted as part of this mega cleaning drive– one at Kariavattom Campus on 9 May 2019 and another at Senate House Campus, Palayam on 20 May 2019. The

Internal Quality Assurance Cell was entrusted the responsibility to coordinate the drive. Detailed instructions were given to the teaching departments of the University to conduct the cleaning drive.

#### **14. ORIENTATION PROGRAMME FOR TEACHERS ON MOOC AND E-CONTENT DEVELOPMENT**

IQAC organized an orientation programme for teachers of our departments on MOOC and e-content development on 27th May, 2019 at Seminar Hall, Department of Botany, University of Kerala, Kariavattom. Dr. K. Satheesh Kumar, Assistant Professor and Head, Department of Futures Studies provided the orientation for faculty members in which teachers from 20 teaching departments our University participated.

#### **15. UGC NET COACHING- MAY/JUNE 2019**

Kerala University Research Students' Union conducted the coaching classes for students appearing for UGC NET examination during June, 2019 and December, 2019. The UGC-NET coaching was organized at all the Saturdays and Sundays and from 10 am to 4.30 pm.

#### **16. K-DISC YOUNG INNOVATORS' PROGRAM - IDEA GENERATION AS PER KERALA DEVELOPMENT AND INNOVATION STRATEGIC COUNCIL (K-DISC) GUIDELINES**

A meeting of all students in our teaching department was conducted on 12th April 2019 at Seminar Hall, Department of Aquatic Biology to discuss the promotion of Idea Generation as per Kerala Development and Innovation Strategic Council (K-DISC) guidelines. Facilitators and mentors are nominated as instructed by K-DISC.

#### **17. WORKSHOP ON RIGHT TO SERVICE CHARTER**

A workshop on Right to Service Charter to frame a service a Service Charter for the University was organized on April 26, 2019 at Senate Chamber.

#### **18. KSUM INCUBATOR YATRA**

KSUM, Incubation Yatra is organized specifically to promote start-ups and create awareness on the KSUM support mechanisms. Experts from KSUM interacted with students and teachers of the University and had a close interface with currently operational start-up owners and mentors of the University.. The Yatra was given a reception by Kerala University Technology Business Start-up Centre (KU- TBSC) in association with Internal Quality Assurance Cell (IQAC), venue being School of Business Management and Legal Studies, Kariavattom campus, University of Kerala.

#### **19. COLLABORATION ON THE SKILL DEVELOPMENT INITIATIVES FOR THE UNIVERSITY**

A University Level Monitoring Committee for the execution of ASAP programme of Life skills for Transformative Learning, University of Kerala and ASAP Greenroom for PG students was constituted.

## 20. PARTICIPATED IN THE SURVEY OF “TOP 25 UNIVERSITIES IN INDIA 2019” BY HIGHER EDUCATION MAGAZINE

Higher Education Review Magazine has invited our University to participate in the 6th edition of the survey “Top 25 Universities in India Survey 2019”. They have also sought our interest to showcase University of Kerala through a two page advertisement in the same. Our University is shortlisted in the top 25 Universities in India Survey 2019.

## 21. LAUNCH OF AACHARYA APP

A mobile application named “Aacharya” is being developed for the teachers in the Teaching Departments. Almost 95% of the works are already completed. Through this app, the teachers can easily update the academic contributions and the same will be reflected in the teacher profile of our University as well. There are nine modules in the app-publications, presentations, invited talks, patents, projects, etc. This app will definitely help the teachers to prepare their updated profile/data for different purposes. Data collection, on a one time basis, is in progress for uploading to the app.

## 22. DELIBERATION ON NATIONAL EDUCATION POLICY

IQAC sought the opinion of all our stakeholders on National Education Policy 2019 at a session held on 17<sup>th</sup> July venue being Seminar Hall, Department of Aquatic Biology and Fisheries, Kariavattom. HODs, faculty members, administrative staff, students, parents, recognized union leaders of our teachers, students and staff submitted their learned views in writing at the session. IQAC consolidated the same and submitted the views expressed to MHRD, Govt. of India.

## 23. WASTE BINS FROM CLEAN KERALA COMPANY- DISTRIBUTION TO DEPARTMENTS

The waste bins, supplied by the Clean Kerala Company Limited, have been distributed to all the teaching departments. Supply of 45 waste bins each

for dry waste and wet waste is complete, Payment for the same to be made by the respective Departments.

## 24. CONDUCT OF ACADEMIC AUDIT

Academic Audit is to be undertaken by each Department through a team of three experts who are Eminent Academicians/ Professionals/ Experts in the discipline and are external to the Department and the University. Auditors are to be identified in terms of experience, professional integrity and involvement in similar processes. The experts for Academic Audit are to be nominated by the Hon’ble Vice - Chancellor from a Panel proposed by the Head of the Department, Panel to include 10 experts.

## 25. ARTICLE - GANDHI IN ME

As part of the 150th birthday of Mahatma Gandhi, IQAC invited entries from students, teachers, administrative officers including Statutory officer, Senate and Syndicate members and employees on how the Mahatma influenced them through a Gandhian philosophy, Gandhian thought, practice or experience and key learning drawn in their life. The articles received are being compiled.

## 26. WOMEN’S SELF DEFENSE TRAINING PROGRAMME

The University of Kerala in association with Kerala Police Department has organized self-defense training programs for the girl students and women staff members, in various departments of the university. Currently, five programs were organized and two more will be organized this month. Participants received awareness about the steps to be taken in case of emergencies along with simple self defense practical sessions.

## 27. ONLINE STUDENT FEEDBACK

An online portal for obtaining feedback of 4th semester students was developed by Computer Centre, University of Kerala and initiated the same to all Heads of the Department. The feedback received is being compiled. IQAC, in association with Computer Centre, is in the process of developing similar portals to take feedback of remaining semesters.

# XI. CENTRE FOR GLOBAL ACADEMICS

**Est: 2014**

**Director**

- 1) Dr. K.S. Chandrasekar (M), Director, Centre for Global Academics, IMK, University of Kerala, Kariyavattom
- 2) Dr.G.Subodh, Joint Director, Centre for Global Academics, Department of Physics, University of Kerala, Kariyavattom

**2. Administrative staff - 1 No. (F)**

**3. Programmes and activities**

Internationalisation has become a key component of the changing landscape of higher education and this process has been influenced by the globalisation

of our economies and societies and the increased importance of knowledge. The oldest University of the state of Kerala and one of the first Universities in India, University of Kerala had modest international linkages until the turn of the last century. However, in the recent past, there has been consistent increase in the number of foreign students registered for various academic programmes, besides sharp increase in exchange programmes and collaborations for research and academic arenas.

The Centre for Global Academics (CGA) (earlier Centre for International Academics) was established by the University of Kerala with the following objectives:

- To enhance the number of foreign students to

University of Kerala, particularly to enrich the academic environment.

- To enhance mobility of faculty and staff to and from the foreign countries so as to create value addition and linkages for further growth.
- To enhance research/consultancy collaborations with world class institutions.
- To propose policy formulations for the University in International linkages.
- To launch academic tourism initiatives in collaboration with Tourism agencies of the Government.

The centre plays the role of co-coordinating the issues related to International students. The centre has an executive committee headed by the Vice-Chancellor of the University, in addition to an international advisory board with eminent advisors.

#### **A. Students sponsored by Indian Council for Cultural Relations (ICCR)**

Overseas students are sponsored by ICCR for regular programmes offered by University through its Departments and Affiliated colleges.

#### **B. Self-supported Students**

In this category students without any external support, directly apply to the University to pursue their studies for PG and Ph.D programmes of University of Kerala.

#### **C. Students from USA under Semester in India Programme**

Semester -in-India Programme involves American students being admitted to University of Kerala for selected courses for one semester and being issued credit transfer certificates to return to home Universities where the courses completed in University of Kerala will be integrated into their academic records. The University has made Credit Transfer Regulations and Credit and Semester System (CSS) Regulations for the foreign students for the smooth conduct of the programme.

So far three batch of 23 students representing have successfully completed the SIP. They represented Universities/Colleges such as St. Mary's College (Maryland), Grand Valley State University, George Mason University, Green Mountain College (Putney), Cornell University, Plymouth State University, Hendrix College, and Pacific University.

#### **D. Summer Short-term Programme (SSP)**

Under this programme overseas students will be given short-term (6 weeks) courses and the credits acquired will be transferred to their universities. This programme has been initiated by the University of Kerala, through, a MoU with IISAC (International Institute for Scientific and Academic Collaboration).

#### **E. Short-term visits for research**

##### **Collaboration with Foreign Universities**

In 2019 the CGA Executive Committee cleared the MoU between University of Kerala (Dept of Aquatic Biology and Fisheries) and Memorandum of Agreement between University of Kerala and Center of Excellence for the Oceans, National Taiwan Ocean University, Republic of China and Lee Kong Chian Natural History Museum (LKCNHM), National University of Singapore; Department of Physics and Korea Institute for Ceramic Engineering and Technology (KICET); Department of Sociology and Louisiana State University, USA; Department of Political Science and Institute of International Relations, Faculty of Political Science & International Studies, University of Warsaw, Poland; Department of Political Science and School of Political Science and Public Administration, Shandong University, China; Department of Environmental Sciences and University of Hartford, USA.

In addition, there are informal departmental and individual collaborations with reputed research institutions and universities all over the world. This has also resulted in good quality publications and academic visits from both the sides.

##### **ERUDITE Scheme**

'ERUDITE Scholar-in-Residence' offered by Kerala State Higher Education Council is the only such programme in India for the University students and teachers to interact with Nobel Laureates and other scholars of worldwide recognition. Further, a new component has been added to this programme this year called 'Brain Gain' to combat 'Brain Drain.' This is to persuade eminent non-resident Indian professors, particularly Keralites, who matter in their areas, to come as Scholars-in-Residence, and if possible to teach a course under the Programme. In 2019 University of Kerala has hosted over 7 international scholars under this scheme.

##### **Executive Committee (EC) meetings**

EC of CGA is chaired by the Vice Chancellor, with the following members: Pro-Vice Chancellor and Registrar (University of Kerala), Dr S. Nazeeb (member, syndicate), Dr. Jayaraj (member, syndicate), Dr. K.S.Chandrasekar (Director, CGA and convenor), Dr. G.Subodh (Joint Director, CGA), Dr.Achut Sankar S Nair (Dept of Bioinformatics), Dr. Suhara Beevu (Dept of Botany), Dr. Christabell (Dept. of Futures studies), The Regional Officer, ICCR, Thiruvananthapuram, and Dr Dileesh Pillai (Technopark). In 2019 EC met on 14.5.2019, 1.06.2019, 28.6.2019, 29.7.2019, 4.12.2019

## XII. UNIVERSITY PLACEMENT CELL

A number of programmes were organized by the University Placement cell for the benefit of students and researchers of University departments during the year 2019. Given below are short descriptions of the programmes organized:

### 1. Campus Placement for Trainee Journalists in Asianet News, Trivandrum

In association with the Department of Communication and Journalism and Department of Malayalam, the Placement Cell organized a Campus Placement drive for the recruitment of Trainee Journalists for ASIANET NEWS, one of Kerala's prime TV news channels on 6.4.2019. Post graduate candidates from the Department of Communication and Journalism and M.A/M.Phil. (Malayalam) candidates from the Department of Malayalam attended the written test at Kariavattom campus. This was followed by personality test in the subsequent months. One student from the Department of Communication and Journalism has been advised to join the organization as Trainee Journalist.

### 2. Meeting of the University Placement Cell

A meeting of the Placement Cell was held on 14.5.2019 under the Chairmanship of the Honourable Vice chancellor in the Syndicate room. In the meeting, the Convenor presented a report of the activities of the cell in 2018-19 and a proposal for financial assistance for the activities in 2019-20. After detailed discussions, it was decided to carry out Training/Orientation programmes to students, which will help in better communication skills, and create awareness in important areas of employment in Civil, Defence, Banking, Maritime and Software sectors etc.. It was also decided to arrange campus recruitments, and interactive sessions with experts in relevant fields. Based on the decision at the meeting, the Convenor presented a revised proposal for financial assistance for the programmes. The revised proposal for financial assistance was submitted and the same has been approved.

### 3. Campus Placement for the post of Design Engineers in SFO Technologies, Kochi

The Department of Optoelectronics, in association with the University Placement Cell, organized a Campus Placement drive for the recruitment of **Design Engineers for SFO Technologies, Kochi**. As part of the recruitment drive, a Pre-Placement presentation was made by the HR Head of the organization on 21.6.2019. On the same day itself a written test was also conducted for the candidates. Some candidates who were short listed from the written test appeared for the final selection.

### 4. Campus Recruitment for the post of Optic Engineers in Systems Control Technology Solutions Pvt. Ltd., Bangalore.

The Department of Optoelectronics, in association with the University Placement Cell, organized a Recruitment drive for the recruitment of **Optic Engineers in Systems Control Technology Solutions**

**Pvt. Ltd., Bangalore**. As part of the recruitment drive, the HOD, Department of Optoelectronics has provided a list of 19 eligible M.Tech. students to the company.

### 5. Presentation by the Convenor, University Placement Cell on the day University Level Induction Day

The Convenor, University Placement Cell made a Power Point presentation on the activities of the Cell during the University level Induction Programme, on 25.6.2019, for the newly admitted PG students (2019-21).

### 6. Programme on Logical Reasoning

In order to familiarize the students with the subject of Logical Reasoning, the Placement Cell organized a programme titled "LOGICAL REASONING" in the Seminar Hall of the Department of Commerce, University of Kerala, Kariavattom on 18.10.2019. It was meant for the students and researchers of the Science, Law, Management and Commerce Departments.

Prof. G. Padmakumar, Former Head, Dept. of Philosophy, Govt. Women's College, Trivandrum, a well known logic teacher in Kerala, was the resource person. Dr S N Kumar, Convenor, University Placement Cell introduced the Resource Person.

Prof. Padmakumar, with the help of a power point presentation, described the subject in a very simple manner, which was well received by the participants. He distributed some handouts to supplement his lecture. He made the participants to do some exercise in the session itself. He provided the class with a number of tips to tackle questions related to Logical reasoning in competitive examinations. The session was highly interactive. A total of 12 students and research scholars from the Dept. of Commerce and Management attended the programme.

### 7. "Why English" Programme

In order to make our students more comfortable in communicating in English, the Placement Cell organized a programme "Why English" on 23.10.2019, in the seminar hall of the Department of Geology. Prof. Dr.S.N. Kumar, Convenor introduced the speaker, Prof. P. Vijayakumar, former Head, Department of English, Govt. College for Women, Thiruvananthapuram and one of the most popular and distinguished English Language experts in South India.

In the first session, through stories and anecdotes, he attracted the keen attention of the participants and drove home the need for proficiency in English Language, along with proficiency in mother tongue, in our rapidly changing world. For proficiency in English communication, he stressed the need for building up of vocabulary and understanding of basic grammar. He also introduced the participants to some useful books and websites for improving their language and communication skills.

In the second session, which was more interactive, Prof. Vijayakumar came up with some very useful audios and visuals for the students to improve their listening and English pronunciation skills.



The feedback received from the participants is very much encouraging. A total of 62 (sixty two) students/researchers from 5 (five) departments attended the programme.

#### 8. Avenues Of Employment And Entrepreneurship Programme

Finding a job in a conventional ecosystem is becoming more and more difficult. The Placement Cell aims to help students to know about new avenues of employment and entrepreneurship. **Waggle Lab, a Kerala University Incubated Start up**, approached the Placement Cell for recruiting a few freshers / part-timers as Digital Managers and Digital Content Writers (English). In this connection an awareness session to the students and researchers of the University departments was arranged on 3.12.2019 in the Seminar Hall of the Department of Statistics, University of Kerala, Kariavattom. The Convenor, Placement Cell welcomed the resource persons and participants.

The awareness session was handled by a team led by Sri Prem Sankar, Waggle Lab. They explained the impact of “Gig Economy” on the ecosystem. They gave an idea about the necessity for candidates for staying relevant and updated and tips for upgrading one’s skill set for the future job markets. They explained the relevance of start-ups and narrated their experience on being part of a start up. The students were told the importance of Digital tools and platforms for learning, job search and collaboration.

The programme was well received by the students and researchers. More than 135 students from 10

departments attended the programme. The feedback is quite encouraging.

#### 9. Mock Interview For Indian Economic Service Candidate

On the request of a candidate from the department of Economics, who was to appear for the UPSC Personality Test (final interview) of Indian Economic Service, the Department of Economics in association with the University Placement Cell arranged a mock interview on 12.12.2019 in the Department of Economics. Dr Anitha, V, HOD, Economics, Profs. Prasad A K, Prof Abdul Salim. A, Dr S N Kumar, Convenor, Placement Cell and Dr Siddik, R, Asst. Professor, Dept. of Economics, formed the interview panel. The candidate was asked a number of possible questions. She was also given tips on how to prepare for the interview. The candidate was motivated and encouraged to attend the interview with confidence.

#### 10. Other Activities:

The Convenor, University Placement Cell has shared the advertisements that appeared in newspapers/websites/social media etc., pertaining to recruitments in various government and other reputed organizations, with the Heads of University Departments; the HOD’s were requested to pass on the details to the students of their respective departments.

The Convenor of University Placement Cell compiled data on placements in different departments for the preparation of reports for the University for Chancellor’s Award and NIRF.

## XIII. KERALA UNIVERSITY TECHNOLOGY & BUSINESS START UP CENTRE

(KU-TBSC)

Est: 2016

Dr. A Biju Kumar, Director (Male; MPhil., PhD)

#### Members in the Technical Committee

Dr S Nazeeb, Member, Syndicate

Dr KB Manoj, Member, Syndicate

Dr Jairaj, J., Member, Syndicate

Director, Kerala University Technology Business Start-up Centre

Dr Achuthsankar S Nair, Professor and Head, Dept. of Computational Biology and Bioinformatics, University of Kerala

Dr KG Gopchandran, Professor and Head, Dept. of Optoelectronics, University of Kerala

Sri Sanal Kumar, SP, System Analyst, Dept. of Futures Studies, University of Kerala

#### 3. Programmes and activities

The following startups were registered so far with the Kerala University Technology and Business Startup Centre (KU-TBSC):

Sl No	Name of the Startup	Proposer and Department
1	Sukriti- Skin and Haircare Products	Amrutha SS and others/Zoology
2	Pegasus Events- Event Management Company	Vishnu KP and others/Hindi
3	Rihla Malabar Arab Travel Solutions- Travel Management of Arabic Clients	Mohammed Sharif P and others/Arabic
4	MaD Analytics-Big Data Analytic Company (Registered as Company)	Rashmi Sukumaran and thers/Computational Biology and Bioinformatics (Item 1 to 4 as per UO No. IQAC/292/2016 dated 21.11.2016)

5	DNA's Biocules- Open Source Software and Learning Assistance	Avanija Jayakumar/Computational Biology and Bioinformatics
6	Waggle Lab- Research oriented Academic Startup	Noufal S. and Prem Sankar C./Futures Studies
7	MakLab India- Computational Thinking	Santhosh V./Futures Studies
8	Frink Labs- Develop Hardware-Software Oriented Stock Management Product	Ajmal Noushad and others/University College of Engineering
9	Dextro Systems- Develop Free Software and Technology Education	Aswin Babu K./Computer Science
10	Bioivent- Analysis Service of Biotechnology	Dr Dhanya Lekshmy CS and others/Biotechnology
11	Ayurbitech- Ayurveda and Biotechnology based company	Dr Manesh Kunjumon and Syam Kumar S./ Biotechnology
12	Honeyhill Butterfly gardens- Bringing Butterflies into a Natural System	Sherin S./Biochemistry
13	ITI Technologies-Develop Softwares, mobile applications and digital marketing	Muhammed Nabin S and others/Futures Studies (Items 5 to 13 based on UO No. UO.IQAC/292/2016 dated 11.10.2017
14	Team Kalavara	Linguistics
15	AUGGEN21	Comp Science

### Idea Day

Kerala Start Up Mission (KSUM) announced the celebration of IDEA FEST 2019 to keep the entrepreneurial beacon glowing and thereby maintaining the spirit of innovation among the youth alive. Prime motive of the initiative was to ensure the proactive engagement of academia as the sustainability of an innovation ecosystem demands the academia to function as powerful sources of innovation. Key highlight of the initiative is an idea presentation competition, in which shortlisted ideas are offered Rs. 2 Lakhs and there is an additional grant upto 7 Lakhs for ideas with prototypes and prototypes with a customer base. KU-TBSC with the support of IQAC conducted IDEA DAY 2019 to exclusively showcase the innovative ideas generated within the University.

On the basis of discussions with KSUM, a campaign for popularising the IDEA DAY 2019 initiative was organized by the end of January 2019. Brochure for IDEA DAY 2019 was prepared and circulated among the University departments. Online submissions of applications through google form were encouraged to collect relevant information of the innovators/teams as stipulated by the KSUM. Personal visits were made to science departments in a bid to increase the awareness amongst faculty about the need to promote entrepreneurship amongst student community. Altogether, 21 idea submissions were received, which were categorised based on the subjects/innovation involved. A panel of experts were formed with eminent faculty members from various departments of University of Kerala, important research and education centres such as SCTIMST, IITMK, etc. as technical experts and KSUM officials along with professors from departments such as Commerce, Management as business feasibility experts. The panel

was approved by KSUM and April 25<sup>th</sup> 2019 was fixed for the competition. Domain wise classification of 16 Innovators/teams who turned up for the competition were also made.

The programme began with the welcome address of Prof. Manoj Changat and the event was inaugurated by Dr. Simon Thattil, Director of IQAC. After the inaugural address, Sreekutty O.U., IEDC Coordinator, KSUM, briefed the audience about KSUM, the initiative and what they are expecting from the idea pitching. Special emphasis was laid on the innovativeness/novelty of idea being presented. The best ideas presented were short-listed.

Experts especially the KSUM officials found the teams creative and appreciated their effort in addressing socially relevant problems through innovative ideas. Presentations were very vibrant. A general remark made about most of the presentations was that though most of the ideas were innovative and proposals demonstrated by working prototypes were technically sound, most of these were not focussed on specific issues and hence designs were not handy or suitable for large scale production and marketing. Hence social acceptance and probability of successful market performance at their present state is questionable. However, suggestions for improvement in design and other aspects were provided to the participants. Scanned copies of evaluation sheets were submitted to the KSUM for decision of competition winners on the same day.

**Proposal for sanctioning financial support for activities of the Kerala University Technology Business Start-up Centre (KU-TBSC) for the financial year 2019-20.**

The University of Kerala (UoK) started its experiments with entrepreneurs during 2006 when it established an Industry Incubation Centre (IIC)

and successfully incubated a student start-up – SooryaKiran Bioinformatics Pvt. Ltd. The University has re-established the IIC as “Kerala University Technology and Business Start-up Centre (KU-TBSC)” and is incubating new student start-ups under the scheme- Kerala University Technology and Business Start-up Centre (KU-TBSC) during 2016.

Though there are some startups that are functioning based on MoU entered with KU-TBSC, it is understood that there are no clear guidelines regarding the role of KU-TBSC in nurturing these startups. Since the national as well as state governments are going all out encouraging startup culture, we need to come out with clear steps to promote the functioning of KU-TBSC and provide impetus to the startup culture amongst the student community.

It can be seen from the analysis of existing start-ups, the success rates of startups turn to be less impressive. Major reason behind its frangibility is the lack of co-ordination of activities to sustain the continuum of innovation, inability to decipher the open innovation

model, failure to conceive and commercialize innovations that could either create a technology push or satisfy market pull. Internal deliberations were done to find out ways and mechanisms to provide thrust to the startup scenario in the University. KU-TBSC have thus recognized the need for: (i) organized efforts to nurture the output of startups as commercially viable technovations, (ii) invite decision making bureaucrats for talks to the student community; (iii) conducting mentoring sessions for the young entrepreneurs; (iv) arrange discussions with fund providers at governmental level as well as angel investors; (v) providing legal assistance and expertise; (vi) conducting experience sharing sessions with successful entrepreneurs, and (vii) efficient management of intellectual properties and conversion of conceived innovations to successful products.

In this scenario, KU-TBSC has submitted a detailed proposal for budgetary provision for carrying out and expanding the activities. Accordingly Rs. 20 lakhs has been sanctioned by the University for the purpose.

*Departments of  
Teaching  
&  
Research*



# SCHOOL OF BUSINESS MANAGEMENT & LEGAL STUDIES

## DEPARTMENT OF COMMERCE

Year of establishment : 1985

Faculty of Commerce

### A. DEPARTMENT PROFILE

#### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender (M/F/TG)	Qualifications (Highest two)	Designation
1	Dr.C.Ganesh	Male	Ph.D, M.Com	Professor & School Director
2	Dr.Ressia Beegam.S,	Female	Ph.D, MBA	Professor and Dean, Kerala University & M.G. University
3	Dr.G.Raju	Male	LL.B., Ph.D.	Professor and Head
4.	Dr.Gabriel Simon Thattil	Male	Ph.D, M.Com	Professor, Director IQAC

#### 2. Administrative staff - 3 (F)

#### 3. Programmes offered

Name of programme	strength	Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanctioned(Including marginal increase)	Actual							
Masters M.Com II	30 26	31 26	26 24	5 5	1 1	25 20	Nil Nil	Nil Nil	- 88.4
M.Phil (.....)	12	12	10	2	-	10	Nil	Nil	100
PhD	23	23	13	5	-	18	Nil	Nil	NA
Post Doc	4	4	4	-	-	-	Nil	Nil	NA

### B. COMMON ACTIVITIES

- No. of PhD theses awarded. : 5
- No. of PhD theses submitted. : 7
- No. of M. Phil dissertations awarded : 12
- No. of M. Phil dissertations submitted :
- Placement details of students.

Sl No	Name of student	Name of course	Designation	Name of the company	Annual Pay
1	Ms. Annjoe J. Palathra	M.Com	Guest Lecturer	S.D.College, Alappuzha Rs.2,64,000/-	
2	Mr.Shajahan	M.Com	Assistant Professor	Govt. College, Malayinkeezhe Rs.6,60,000/-	
3	Mr.Adarsh S.Thampi	M.Com	Clerk	Co-Operative Bank, Thiruvalla Rs.3,36,000/-	
4	Ms.Ragasri Anand,	M.Com	Finance Executive Trainee	Mathrubhumi Kozhikode Rs.3,36,000/-	

5	Ms.Nithya.S.R	M.Com	Finance Executive Trainee	Mathrubhumi, TVPM Rs.3,36,000/-	
6	MS. Lekshmi.S	M.Com	Contract Lecturer	Department of Commerce University of Kerala Rs.4,20,000/-	
7	Ms. Elizabeth.C., Tribal Higher	M.Phil	HSST Commerce (Guest)	Govt. Secondary School, Pudur Rs.3,00,000/-	
8	Dr.Madhu Lal.M	Ph.D	Assistant Professor	School of Management M.G.University, Kottayam Rs.6,96,000/-	
9	Mr. Suraj.C.R,		Divisional Accounts Officer	Finance Department Government of Kerala Rs.5,28,000/-	
10	Dr.Thankkom T.Philip		Guest, Govt. College	Kottayam Rs.2,64,000/-	
11	Dr.Balamuraly.S.S		Assistant Professor	KICMA, Neyyadam Rs.3,60,000/-	

6. Students who cleared GATE/NET/SET etc. - 36 (NET)

7. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	Fully
2.	No. of books in stock as on Jan 1,2019	8704
3.	No. of books added this year	250
4.	No. of offline journal subscribed	21
5.	No. of online journals subscribed	Nil
6.	No. of online books available	6704
7.	Amount spend for purchase of books	Rs. 4,01065/-

8. Financial Literacy & Financial Planning for SC/ST Communities Rs.10,00,000/-

- Social Sector Projects : Rs.2,00,000/-
- Empowerment of Scheduled Caste/Scheduled Tribes through a Self Sustainable Model : Rs. 12,00,000/-

9. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/ workshop	No. of participants (Show foreign and outside state participants separately)
1	Academic Meet(AIAM)	Academic meet	IQAC	March 14, 2019	150
2	War-Does it Affect the Global free Trade Order?"	National	University of Kerala	February 23, 2019	150
3	International Seminar on "Trade War-Does it Affect the Global free Trade Order?"	Inter National	University of Kerala	arch 26-28,2019	350
4	5 day workshop on GST for college teachers	-	Gulati Institute of Finance and Taxation and Indian Accounting Association (IAA)	May 22 – 24, & May 27& 28	100

5	Two day workshop on Econometrics for College teachers		Gulati Institute of Finance and Taxation and Indian Accounting Association (IAA)	May 21 – 23, 2019	30
6	Three day workshop on outcome based syllabus revision		University of Kerala	December 3-5, 2019	20

10. Major equipments purchased during the year.

Sl. No	Name of the equipment	Cost	Source of fund	Purpose/ use
1	Projector	Rs.32,000/-	Plan Fund	Class room
2	Computer	Rs.32,000/-	Plan Fund	Office
3	UPS	Rs. 1,800/-	Plan Fund	Office

11. Details of syllabus revisions during the year (indicate major/ minor):

- **Three day workshop on outcome based syllabus revision conducted during December 3-5, 2019.**

12. Details of alumni association.

Sl. No	Details	
1.	Name of the association	Alumni Association, Department of Commerce
2.	Registered or not	Yes
3.	No. of meetings held this year	Annual Meet cum Merit Day on 9-11-2019
4.	No. of members added this year	20
5.	Details of alumni contributions, including endowments, talks, donation etc	Pradeep Memorial Merit Award amounting to Rs.10,000/-

13. Details of eminent personalities visited in the department :

- Dr. Varughese K. John, Associate Professor, Assumption University, Thailand
- Dr. Kinnary Thakkar, Professor and Head, University of Mumbai

14. Details of awards received by faculty/ staff/ students. :

- M.Com I Year(GBO) students won PG Overall Championship LUMINANCE 2K19-All India Management Fest conducted at DC School of Management and Technology, Vagamon.
- Al-Shefin Salim won I Prize for the “ Best Manager Contest in “THE LUMINANCE 2K19-All India Management Fest” conducted at DC School of Management and Technology, Vagamon (Cash

award of Rs. 30,000/-.

15. Other major achievements and activities, including invited lectures, interactions, get together etc. : 1. MoU proposed with YUNUS centre, Bangladesh to set up YUNUS Social Business Centre(YSBC).

- Soft copy of the articles published in the “ Commerce and Business Researcher” journal is made accessible through launch of website ‘commerceresearcher.org’ by Researchers’ Forum.
- Conducted Induction Programme for I Year M.Com Finance and GBO course On June 19-21, 2019.
- Conducted Academic Audit for Two days on December 4&5, 2019.

16. Details of online courses offered

Sl. No	Details	
1.	No. of MOOC courses offered	1 ARPIT through HRDC
2.	Name of the coordinator	Dr.J.Rajan
3.	No. of students enrolled for the course	4268

### C. CONTRIBUTION AT INDIVIDUAL LEVE

#### Name of faculty: G. Raju

1. No. of PhD theses awarded : 5
2. No. of PhD thesis submitted : 7
3. No. of MPhil dissertations awarded : 12

#### 4. Research/Consultancy

- 1. One scholar was awarded PhD in Commerce
- 2. Three scholars had submitted thesis for adjudication, two under the faculty of Commerce and One under the faculty of Management
- 3. Two PDF scholars had completed and submitted their reports, one under the faculty of Commerce and the other one under the faculty of Management
- 4. Serving as Co-Investigator in the concurrent evaluation of Implementation of NFSA 2013 of the Director of Food and Public Distribution, Krishi Bhavan, New Delhi.

#### 5. Articles Published

- G.Raju (co-author Ms. Lakshmi, A.J.) Relevance of Professionalism in Cooperatives in the era of Transformative Technologies, International Journal of Management and Social Sciences, UGC id 63251, ISSN 2249- 0191, Vol. 8, New Delhi, January 2019
- G.Raju (co- author Ms. Nayana Prabhash) An Exemplary Online Single Window Clearance System – Paramount to Ease of Starting Business’, International Journal of Management Studies, IF 2.26, Vol – 6, Special Issue – 2. ISSN 2249-0302, UGC id 44925, February 2019
- G.Raju (co- author Ms. Lakshmi, A.J) Collaborative Models- The Need of the Time, IMPACT: IJRHAL, If 3.7985, pp.458-464, ISSN 2347-4564, Vol.7, March 2019, Chennai.
- G.Raju ( co- author Ms. Arathy K.Nair) ‘Mentoring process - An advanced practice in developing Women Entrepreneurial skills. INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS (IJRAR), IF 5.75, E-ISSN 2348-1269, P-ISSN 2349-5138, May 2019

#### 6. Presentation/Resource Person/Inaugural/Key note Speech/Workshop

- Delivered Inaugural address and presented a paper titled Behavioral Finance Application in Investment Decision in the national seminar on Behavioral Finance at Government college, Thriuvananthapuram, sponsored by DCE, Government of Kerala on 24<sup>th</sup> January 2019.
- Presented a paper titled Relevance of Professionalism in Cooperatives in the UGC sponsored national conference organized by Avinashilingam deemed University on 29<sup>th</sup> January 2019.
- Participated in the Leadership for Academicians Programme (LEAP), 4-17 Feb.2019 (India) 18-23 Feb.2019 (Singapore) organized by IIIT, Sri City and Nanyang Technological University Singapore.

- Delivered an Invited talk on Capital Market Indicators for Investment Decisions at NSS College, Nilamel on 3<sup>rd</sup> March 2019.
- Has participated and presented a Paper entitled ‘Foreign Trade – Tariff Implications’ in the International Seminar on Trade War- Does it affect the global free trade Order? Organized by the Department of Commerce, School of Business Management and Legal Studies, University of Kerala during 26<sup>th</sup> to March 28<sup>th</sup> 2019.
- Presented a paper titled Mentoring Process in the national conference organized by T.John college on 5<sup>th</sup> April 2019.
- Delivered Inaugural address of the Commerce Association of Mar Ivanios College, Thiruvananthapuram on 6<sup>th</sup> August 2019.
- Served as Resource Person and presented a paper on Service Sector in the International Conference on Indian economy-strength and weakness organized by AIMAN College, Tiruchirappally on 7<sup>th</sup> August 2019.
- Delivered Inaugural address in the national seminar on Fostering Entrepreneurship at Theivanaiammal college, Vilupuram on 8<sup>th</sup> August 2019.
- Served as External Expert for the Academic Audit in Lady Doak College, Madurai on 30<sup>th</sup> August 2019.
- Presented a Paper (Jointly with Ms.Lakshmi) titled “Role of Cooperatives in Assimilating the Indigenous Community” at the 14th International Cooperative alliance Asia Pacific Research Conference at University of Newcastle on 12<sup>th</sup> and 13 December 2019, Australia.
- Delivered a keynote address at the International conference of Government College, Dharmapuri on 16<sup>th</sup> December 2019.
- Served as Resource Person in the First International Conference on Emerging Challenges of Global Business organized by Government Arts College, Dharmapuri on 17<sup>th</sup> December 2019.
- Presented a Paper (Jointly with Ms. Sherine) titled ‘Wilful default surge in the Indian Banking sector at the Indian Commerce Association dated 22-24 December 2019 at Kalinga Institute of Industrial Technology, Bhuvanewar.
- Presented a Paper (Jointly with Ms. Nithikrishna PP) titled “Social Entrepreneurship - Emerging Issues and Challenges at the Indian Commerce Association dated 22-24 December 2019 at Kalinga Institute of Industrial Technology, Bhuvanewar.
- Presented a Paper (Jointly with Ms. Lakshmi) titled “Small Finance Banks in India and its Reach Towards Deprived” at the Indian Commerce Association dated 22-24, December 2019 at Kalinga Institute of Industrial Technology, Bhuvanewar.
- Presented a Paper (Jointly with Ms.Sherine) titled “Artificial Intelligence and future of Banking” at the 42<sup>nd</sup> All India Accounting Conference on



28<sup>th</sup> and 29<sup>th</sup> December 2019 at Jai Narain Vyas University, Jaswant Campus, Jodhpur.

- Presented a Paper (Jointly with Ms. Nithikrishna P.P.) titled “Artificial Intelligence in Accounting - An Appraisal of Benefits and Barriers” at the 42<sup>nd</sup> All India Accounting Conference on 28<sup>th</sup> and 29<sup>th</sup> December 2019 at Jai Narain Vyas University, Jaswant Campus, Jodhpur.
- Inaugural address at the Commerce Association of St.Stephen's College, Pathanapuram on 17<sup>th</sup> October 2019.
- Convener of a Two day Workshop on Econometrics in association with Indian Accounting Association on May 20-21, 2019 at Department of Commerce, University of Kerala
- Convener of a Five day Workshop on Specialised Training Programme on Goods and Services Tax (GST) for UG & PG Teachers in association with Indian Accounting Association and GIFT on May 22<sup>nd</sup> -24<sup>th</sup> and 28<sup>th</sup> -29<sup>th</sup> May, 2019 at GIFT Campus, Chavadimukku, Sreekariyam, Thiruvananthapuram
- Convener of a Three Day Outcome Based Syllabus workshop for the syllabus revision of the Department of Commerce (css), University of Kerala on 6-8 December, 2019.

#### 7. Other Academic related Activities

- Editorial Board member, SMART, Journal of Business Management Studies, Published by Scientific Management and Advanced Research Trust, Tiruchirappalli, Tamil Nadu.

#### 8. Editorial Board member, Shanlax International Journal of Commerce, Madurai, Tamilnadu

- Served as Chief Editor of the Special Issue of the Journal – Impact: International Journal of Research in Humanities, Arts and Literature, in Volume 1 to 4, March 2019, in connection with the Three Day International Seminar on the Topic *Trade War-Does It Affect Global free Trade Order?*
- Serving as Chief editor of Journal of Business Studies, published by the Researchers Forum of Department of Commerce, University of Kerala
- Member of the Academic Council of University of Kerala, Thiruvananthapuram.
- Life Member, Indian Commerce Association
- Life Member, Indian Accounting Association
- Served as expert in the Screening Committee constituted for promotion of faculty under CAS in various colleges
- Served as Chairman for Ph.D Open defences at other Universities
- Acted as Resource Person for UGC HRDC, University of Kerala

#### Name of faculty: Dr. C. Ganesh

- One scholar awarded PhD in Commerce
- One scholar has submitted thesis for adjudication under the Faculty of Management Studies
- Published one article entitled “Risk Capital Estimation in India: A Review in the Background

of Internal Ratings Based (IRB) Approaches of Basel II Accord” in Impact: IJRHAL (Volume 7, March 2019)

- Served as expert in an interview board constituted by KPSC
- Served as expert on the Selection Committee constituted for recruitment of faculty in a sister university
- Served as expert in the Screening Committee constituted for promotion of faculty under CAS in various colleges
- Continuing as member of the Academic Council of Mahatma Gandhi University, Kottayam

#### Dr. Resia Beegum

##### 1. Academic Activities during the year

- Served as member coordinator/ member for NAAC Assessment in various institutions.
- Served as Chairman for Ph.D Open defences at other Universities
- Serving as Dean, Faculty of Commerce, MG University, Kottayam
- Acted as Resource Person for UGC HRDC, University of Kerala
- Served as Member in Editorial Board of the Special Issue of the Journal – Impact: International Journal of Research in Humanities, Arts and Literature, in Volume 1 to 4, March 2019, in connection with the Three Day International Seminar on the Topic *Trade War-Does It Affect Global free Trade Order?*
- 2 candidates were awarded Ph.D.

##### 2. Papers published in journals

- Dr. Resia Beegam S. & Sreekrishnan P., An Analysis of Trade War: A Triangular Study on India, China and US Trade, Impact: International Journal of Research in Humanities, Arts and Literature (Impact: IJRHAL), Vol.07, Special Issue 1, March 2019, ISSN (P): 2347-4564, ISSN (O): 2321-8878.
- Ann Mary Alexander & Dr. Resia Beegam S. Bitcoins and Block Chain Technology-A Conceptual Insight into the New Age Virtual Currency, Impact: International Journal of Research in Humanities, Arts and Literature (Impact: IJRHAL), Vol.07, Special Issue 1, March 2019, ISSN (P): 2347-4564, ISSN (O): 2321-8878.
- Dr. S. Resia Beegam, ‘Entrepreneurship taking New Forms – Social Entrepreneurship in India’ Sadakath A Research Bulletin, Vol. 6, Special Issue 1, March 2019

##### 3. Paper Presentations in national/ International Conferences and Seminars

- Presented a Paper (Jointly with Sangeetha S) titled ‘ Adoption of an Activity Based Costing in the Manufacturing Sector- An Analysis’ two day national seminar on Innovations in Cost Management held on 25<sup>th</sup> and 26<sup>th</sup> November 2019, organised by the Post Graduate and Research Department of Commerce, Govt. College for Women, sponsored by Directorate of Collegiate Education, Government of Kerala.

- Presented a Paper (Jointly with Sangeetha S.) titled 'Emerging technologies and its impact on Business' in the Two day National Seminar on Business Analytics organised by the research and Post graduate Department of Commerce, Government Arts College, Thiruvananthapuram and sponsored by Directorate of Collegiate Education, Government of Kerala on 4<sup>th</sup> and 5<sup>th</sup> December 2019.
- Presented a Paper (Jointly with Sangeetha S.) titled 'Trade Relation between India and Bhutan : An Overview, in the Five day National Seminar cum workshop sponsored by Directorate of Collegiate Education, Govt. of Kerala and organised by the PG Department of Commerce, Thunchan Memorial Govt. College, Thirur from 9<sup>th</sup> to 13<sup>th</sup> December 2019.
- Presented a Paper (Jointly with Sangeetha S.) titled 'Nexus between Global Business, Employment and International remittance: Pre and post effect of economic downturn, 2008 at the Indian Commerce Association dated 22-24, December 2019 at Kalinga Institute of Industrial Technology, Bhuvaneswar.
- Presented a Paper (Jointly with Sangeetha S.) titled 'Implementation of IFRS in the banking sector : Issues and Challenges at the 42<sup>nd</sup> All India Accounting Conference on 28<sup>th</sup> and 29<sup>th</sup> December at Jai Narain Vyas University, Jaswant Campus, Jodhpur.
- Presented a Paper (Jointly with Gopish G) titled "Emission Trading and Reduction Practices in India at the 42<sup>nd</sup> All India Accounting Conference on 28<sup>th</sup> and 29<sup>th</sup> December at Jai Narain Vyas University, Jaswant Campus, Jodhpur.
- Has chaired a Session on Skilling – Means of Empowerment in Higher Education in the R Sankar Memorial Spectrum 2019, Interdisciplinary Seminar Series organized by Sree Narayana College, Chempazhanchy, Thiruvananthapuram from 27<sup>th</sup> February to 12<sup>th</sup> March 2019.
- Has served as a resource person in the National Seminar on Qualitative Research organized by Research Council, St Thomas' College (Autonomous), Thrissur on 2<sup>nd</sup> March 2019.
- Delivered a keynote address on the topic Innovative Practices of teaching and learning in the two day International Conference on Recent Trends in Teaching and Learning organized by IQAC, Mannaniya College of Arts & Science, Pangode, Thiruvananthapuram on 6<sup>th</sup> & 7<sup>th</sup> March 2019.
- Has participated and presented a Paper entitled 'Models in Franchising –The E –Route' in the International Seminar on Trade War- Does it affect the global free trade Order? Organized by the Department of Commerce, School of Business Management and Legal Studies, University of Kerala during 26<sup>th</sup> to March 28<sup>th</sup> 2019.
- Has participated and presented a Paper entitled 'Foreign Trade – Tariff Implications' in the International Seminar on Trade War- Does it affect the global free trade Order? Organized by the Department of Commerce, School of Business Management and Legal Studies, University of Kerala during 26<sup>th</sup> to March 28<sup>th</sup> 2019.
- Was the coordinator for the Two day Workshop on Econometrics jointly organized by Department of Commerce and Indian Accounting Association on May 21<sup>st</sup> 2019 at Department of Commerce, University of Kerala
- Was the coordinator for the Five days Workshop on Specialised Training Programme on Goods and Services Tax (GST) for UG & PG Teachers in jointly organized by Department of Commerce and Indian Accounting Association and GIFT on May 22<sup>nd</sup> -24<sup>th</sup> and 28<sup>th</sup> -29<sup>th</sup> May, 2019 at GIFT Campus, Chavadamukku, Sreekariyam, Thiruvananthapuram
- Has actively participated in the consultative Workshop on 'Framing Policy Document on Scientific Social Responsibility' jointly organized by DST- Govt. of India, TIFAC and KSCSTE on 21<sup>st</sup> August, 2019 at Harmony Hall, Mascot Hotel, Thiruvananthapuram.
- Was the Resource person for joint session on Introduction to Research Methodology and Research Design organized by Department of Commerce, University of Kerala and Indian Institute of Information Technology and Management- Kerala on 28<sup>th</sup> August 2019.
- Delivered an Invited talk on *Futuristic Trends in Teaching Learning Process: Prospects & Praxis* on 13 & 14<sup>th</sup> June 2019., SN College, Natika, Thrissur.

**Name of faculty: Dr. Gabriel Simon Thattil**

1. Presentations in Conferences/ Seminars (indicate Oral/ Poster)
  - Has participated in the National Workshop on Faculty Recruitment and Development in Higher Education organized by the Department of higher and Profession Education, National Institute of Educational Planning and Administration during January 14-16, 2019 at NIEPA, New Delhi
  - Has participated and presented a Paper titled "Global Issues and Challenges in Commerce and Management" at the fourth National level conference organized by the Department of Commerce, Chetana's Hazarimal Somani College of Commerce and Economics, Smt Kusumati Chaudhari College of Arts, Bandra, Mumbai on 18<sup>th</sup> January 2019.
  - Has participated and presented a Paper 'GST and the Indian Entrepreneur- An Assessment of Emerging Benefits' in the UGC Sponsored National Conference on Transformative Technology in Commerce and Management Impact on India Economy organized by Department of Commerce, Avinasalingam Institute for Home Science and Higher Education for Women, Coimbatore on 29<sup>th</sup> -30<sup>th</sup> January 2019.

- Delivered an Invited Talk on NAAC National Seminar on Emerging Trends in Quality Education, The role of IQAC in Governance Leadership & Management at SNDP Yogam College, Konni during 24-25<sup>th</sup> July 2019
  - Delivered an Invited talk at the Training Programme for College Principals organized by Department of Higher Education, Govt. of Kerala during 26<sup>th</sup> September and 29<sup>th</sup> September 2019
  - Coordinated the Refresher Course of HRDC during August-1-14, 2019 at Academic Staff Collage, University of Kerala.
  - Presentation of E Content for NRC-SWAYAM on the topic Financial Markets and Emerging Business Models.
  - Delivered an invited talk of Valedictory of FDP on 7 Day National Faculty Development Programme on “Multivariate Data Analysis” (Sharpening Your Skill in Statistical Application) at SDC on 6<sup>th</sup> October, 2019.
  - Was the Resource Person for the topic entitled “Role of Accreditation in Educational Institution Quality” in the Management Development Programme on Quality Enhancement of Management Institutions based on NBA Accreditation held on 22<sup>nd</sup> November 2019 at St Berchmans College (Autonomous), Changanassery.
  - Engaged the two sessions on “Identification of Research Problem” in the refresher course in commerce and Management organized by the UGC – Human Resource Development Centre, Kannur University on 16<sup>th</sup> November 2019.
  - Was the resource Person for the Two day national Seminar on Building Resilience in Social Science Research conducted by the PG Department of Commerce, BJM Govt. College, Chavara sponsored by Directorate of Collegiate Education, Govt. of Kerala on 15<sup>th</sup> November 2019.
  - Has participated in the faculty Development Programme in Commerce and Management organized by Kerala State Higher Education Council on 19<sup>th</sup> November 2019.
  - Participated in the two day National Seminar on “Business Analytics” organised by the research and Post Graduate Department of Commerce, Govt. Arts College, Thiruvananthapuram and sponsored by Directorate of Collegiate Education, Govt. of Kerala on 4<sup>th</sup> and 5<sup>th</sup> December 2019
  - Acted as Resource person for the Technical Session in the One day seminar on Quality Assurance in Higher Education Institutions sponsored by the Directorate of Collegiate Education and Organized by the IQAC, BJM Govt. College, Chavara Kollam on 7<sup>th</sup> December 2019
  - Participated in the National Seminar on Challenges and Changes in AQAR and SSR Preparation organized by the Internal Quality Assurance Cell ( IQAC), SN College for Women, Kollam on 19 & 20<sup>th</sup> December 2019
2. **PhDs Awarded**
    - Total No. 1
    - Candidate Name : Ms. Hoda Jashan
  3. **Articles Published :**
    - Gabriel Simon Thattil ( Co Author - KP Sajina), Job Satisfaction Among Medical Representatives in Kerala: An Analytical Study, International Journal of Management and Social Sciences ( IJMSS), Conference Proceeding Special issue on Transformative Technology in Commerce and Management- Impact on Indian Economy, January 2019, Volume 8 (2.1), p-ISSN 2249-0191, e-ISSN 2349-9761, Page No.72-76
    - Dr Gabriel Simon Thattil, Co Author Gauri L, The Efficacy of E-Business and the Current Business Environment- International Journal of Management Studies, Volume VI, Special Issue 2, February 2019, Pg No.43-49
    - Gabriel Simon Thattil, Co Author Akhil M P. Foreign Trade- Tariff Implications, Impact: International Journal of Research in Humanities, Arts and Literature ( IMPACT: IJRHAL), March 2019, Special issue -1, Volume -07, ISSN(O):2321-8878
    - NIL
    - Gabriel Simon Thattil, Co Author Gauri L, Models in Franchising- the E-Route Foreign Trade- Tariff Implications, Impact: International Journal of Research in Humanities, Arts and Literature ( IMPACT: IJRHAL), March 2019, Special issue -1, Volume -07, ISSN(O):2321-8878
    - Gabriel Simon Thattil, Co Author Haseena MM, Implications of “ Make in India” on Automobile Industry-Eustress among Employees, Impact: International Journal of Research in Humanities, Arts and Literature (IMPACT: IJRHAL), March 2019, Special issue -1, Volume -07, ISSN(O):2321-8878
    - Dr. Gabriel Simon Thattil, Co Author Gauri L, ICT-A leverage for learning skills development among youth, Asian Journal of Multi dimensional Research( AJMR), April 2019, Volume 8, Special issue II, ISSN 2278-4853, pg no.829-834
  4. **Membership in Bodies:**
    - General Secretary, Indian Accounting Association
    - Governing Board Member, Centre for Development Studies, Thiruvananthapuram
  5. **Extension Services:**
    - Acted as Resource Person for the Training programme on the Innovative Project Empowerment of Scheduled Caste /Scheduled tribes Through a Self Sustainable Model at Amboori on 11<sup>th</sup> May 2019.

# DEPARTMENT OF LAW

Year of establishment: 1989

Faculty of LAW

## A. DEPARTMENT PROFILE

### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	DR. Sindhu Thulaseedharan	F	Ph.D.	Assistant Professor & Head
2	Aswathy G. Krishnan	F		Lecturer
3	Hashim M. Kabeer	M		Lecturer
4	Dr. R.S. Rakhy	F	Ph.D.	Lecturer
5	Parvathi S. Shaji	F		Lecturer

### 2. Administrative staff - 3 Nos. (2M/1F)

### 3. Programmes offered

Name of programme	strength		Fe-male	Trans-gender	SC	ST	Other reserved categories	Out-side state	Foreign	Pass %
	Sanc-tioned (Including marginal increase)	Actual								
LL.M with Dis-sertation	24	25 (1 PWD)	16	Nil	6	Nil	11	Nil	Nil	Result not Pub-lished
M.Phil- Human Rights Interdis-ciplinary	1	1	1	Nil	Nil	Nil	Nil	Nil	Nil	0
PhD		4	3	Nil	3	Nil				

## B. COMMON ACTIVITIES

- Journals, if any, published by the Dept. with ISSN, No of issues/year, index details, if any : Kerala university journal of Legal Studies ISSN 2278-2702 Vol IX Issue 1&2 2016.
  3. Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc. Aswathy G Krishnan : Regulatory Strategies For Patent Pool Kerala university journal of Legal Studies ISSN 2278-2702 Vol IX Issue 1&2 2016.
  - Details of papers/ abstracts published by the faculty members of the department in conference proceedings with ISBN, month/ year, indexing details if any etc. : Hashim m kabeer,, an insight in to the health rights of children, seminar proceedings, transgressing child rights a retreat of cultural social and moral values, IQAC, Government Law College, Trivandrum.
- Dr rakhy r.S, legal protection of rights of child and the horror of abuse, seminar proceedings of transgressing child rights - a retreat of cultural social and moral values, IQAC Government Law College Trivandrum.
  - Dr Sindhu Thulaseedharan, Invited Lecture on “History of Legislations in the Kerala Context” at the “National Seminar on ‘History of Kerala: Society and Law’ and Dr.K.K.Kusuman Commemoration Lecture, Dept of History, University of Kerala on 18 March 2019.
  - Dr Sindhu Thulaseedharan, Panelist at Pre Conference Conclave on “Environment Management:- Policies, Perspectives and Strategies”- to 45th All India Sociological Conference, 2019
  - Details of articles published by the faculty members of the department in scholarly magazines, bulletins or news papers.

- Sindhu Thulaseedharan, “Bharanakhadanayude Kodathi Vyakhyanangal”, *Samakalikajanapadham*, (December,2019), Information Public Relations Department, Government of Kerala, RNI No.2014/58028,46-47.
  - Sindhu Thulaseedharan, “Supreme Kodathi Vidhikal-2018 ; Parliament Passakkiya Niyamangal-2018”, *Manorama Year Book 2019* ( Malayalam), ISSN 0970-9096, 192-205.
  - Sindhu Thulaseedharan, “Significant Judgments and Legislations of 2018”, *Manorama YearBook 2019*, ISSN 0975-2250, 154-172
5. No. of PhD theses awarded :- 3
  6. No. of PhD theses submitted:-6
  7. No. of M. Phil dissertations awarded: 2
  8. Placement details of students.

Sl No	Name of student	Name of course	Designation	Name of the company	Annual Pay
1	V. Aparna	LLM	MUNSIFF MAGISTRATE	High Court of Kerala	
2	Athira R.S. Panicker	LLM	MUNSIFF MAGISTRATE	High Court of Kerala	
3	Anupama Pillai	LLM	MUNSIFF MAGISTRATE	High Court of Kerala	
4	V. Renuka	LLM	LEGAL OFFICER RESERVE BANK OF INDIA	Central Government	
5	Shinsa P Mathew	LLM	ASSISTANT PROFESSOR LAW	Vit Law School	
6	Lekshmi	LLM	LEGAL OFFICER	Canara Bank	

9. Students who cleared GATE/NET/SET etc. - 9 (NET)

10. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	YES
2.	No. of books in stock as on Jan 1,2019	5268
3.	No. of books added this year	193
4.	No. of offline journal subscribed	05
5.	No. of online journals subscribed	NIL
6.	No. of online books available	NIL
7.	Amount spend for purchase of books	571167

11. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/ seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1.	Constitution Day	National	Dr B.R Ambedkar Chair,Department of Law University of kerala	26 November 2019	Total : 148 Foreign : NIL Outside state: 02

12. Details of community outreach programmes :  
Constitution day celebration. The government of india notified November 26 as the constitution day. As a part of its celebration, Dr BR Ambedkar chair, Department Of Law, University of Kerala, conducted a workshop on constitution to

make aware the public about importance of constitutional values.

13. Steps taken to make the department differently abled friendly: created one extra seat for one differently abled student for LLM.

14. Details of alumni association.

Sl. No	Details	
1.	Name of the association	The Alumni Association Department of Law

15. Details of eminent personalities visited in the department.

- JUSTICE Mr. Cyriac Joseph, Kerala State Lokayukta (Former Judge Supreme Court Of India )
- Adv. Sanjay R.Hegde, Senior Advocate (Designated), Supreme Court of India.
- S.M Vijayanand IAS Former Secretary, Ministry for Panchayathi Raj.
- D.r D Sankar, Prof & Head Dept Of Criminal Law And Criminal Justice Administration, The Tamil Nadu D.R Ambedkar Law University.

16. Other major achievements and activities, including invited lectures, interactions, get together etc.

- Dr Sindhu Thulaseedharan, Invited Lecture on “History of Legislations in the Kerala Context” at the “National Seminar on ‘History of Kerala: Society and Law’ and Dr.K.K.Kusuman Commemoration Lecture, Dept of History, University of Kerala on 18 March 2019.
- Dr Sindhu Thulaseedharan, Panelist at Pre Conference Conclave on “ Environment Management:- Policies, Perspectives and Strategies”- to 45th All India Sociological Conference, 2019

#### C. CONTRIBUTION AT INDIVIDUAL LEVEL

Name of faculty: **Sindhu Thulaseedharan**

- No. of papers published as chapters in books - 1
- No. of papers/ abstracts published in conference

proceedings with ISBN - 1

- No. of presentations in conferences/ seminars (indicate oral/ poster) - 2
- No. of articles published in scholarly magazines, bulletins or news papers.- 3
- No. of PhD thesis submitted : 2
- No. of MPhil dissertations awarded : 1
- Involvement in academic bodies as dean, academic council/ board of studies member etc.

Sindhu Thulaseedharan

- Member, BoS (Law) (PG & Pass), University of Kerala
- Member, BoS (Law) (Pass), Hindustan Law University, Padur, Chennai
- Member, Academic Council, University of Kerala
- Member, NAAC Related Standing Committee on Institutional Ethics and Best Practices

9. Service as reviewer of journals/ seminar papers (give details)

Sindhu Thulaseedharan

- Editor, Kerala University Journal of Legal Studies (KUJLS)

10. Activities in clubs, associations, NSS etc

Sindhu Thulaseedharan

- Secretary, Kerala University Women's Forum (KUWF)

11. Public talks/ discussions over AIR/ television channels

- AIR, talks in “Niyamarangam” - 10

## INSTITUTE OF MANAGEMENT IN KERALA (IMK)

Year of establishment: **1991**

Faculty of: **Management Studies**

School of: **Business Management and Legal Studies**

### A. DEPARTMENT PROFILE

#### Teaching Staff.

Sl. No.	Name (in the order of seniority)	Gender (M/F/TG)	Qualifications (Highest two)	Designation
1	Dr. K.S. Chandrasrekar	M	MBA, Ph.D	Professor & Head
2	Dr. Ambeesh Mon. S	M	MBA, Ph.D	Assistant

#### Administrative Staff

Sl. No.	Name (in the order of seniority)	Gender (M/F/TG)	Designation
1	Smt. Prasanna Kumari. P	F	Office Superintendent (Hr. Gr.)
2	Smt. Parvathy Mukundan	F	Administrative Officer
3	Sri. Midhun. P. M	M	Assistant

## Programmes offered

Name of programme	Strength		Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanctioned (Including marginal increase)	Actual								
Masters										
1.MBA (General)	80	76	48		14	1	37		9	
2.MBA (Tourism)	80	73	42		6	0	51			0
M.Phil Management	12	12	8		3	0	5			0
PhD	15		9		2	1	7			1
Post Doc	1		1				1			
Bridge PDF	1		1				1			

## B. COMMON ACTIVITIES

- Journals, if any, published by the Dept. with ISSN, No of issues/year, index details, if any. Management innovator, twice a year, January and July, 0974-6749 (old UGC approved no:64086)
- Details of papers published by the faculty members of the department in journals index ed in WoS ,Scopus and CARE of UGC etc. with ISSN Vol. No., month/year, impact factor etc.
  - K.S. Chandrasekar, "Relationship between emotional intelligence and performance among software professionals in Kerala", GIS Business, ISSN: 1430-3663, Vol-14-Issue-6-November-December-2019 (**Scopusindexed**)
  - Dr. K.S. Chandrasekar, "Digital food delivery apps revolutionizing food products marketing in India", International journal o Recent Technology and Engineering (IJRTE), ISSN:2277-3878, Volume8, Issue 2S6, July 2019 (**Scopusindexed**)
  - Dr. K.S. Chandrasekar, "Online marketing of baby care products in India", International journal of Recent Technology and Engineering (IJRTE), ISSN:2277-3878, Volume 8, Issue 2S6, July 2019 (**Scopusindexed**)
  - Dr. K.S. Chandrasekar, "A systemic approach to strategies for green innovative products", Restaurant business-journal of management studies, ISSN: 0097-8043, Vol.118, issue-8, August 2019 (**Scopusindexed 4900152405**)
  - Dr. K.S. Chandrasekar, "Relationship between consumer behavior and ecological belief towards greenfood product", Restaurant business – journal of management studies, ISSN: 0097 - 8043, Vol.118, issue-8, August 2019 (**Scopusindexed 4900152405**)
- Dr. K.S. Chandrasekar, "The impacts of different dimensions of supply chain integrations on operational performance outcome efficiency in the Fruit supply chain management: A comparative study of Sidama Zoneand Kerala", Restaurant business – journal of management studies, ISSN: 0097-8043, Vol.118, issue-8, August 2019 (**Scopusindexed 4900152405**)
- Dr. K.S. Chandrasekar, "Astudy of the profile of women entrepreneurship in the organized sector in Kerala", Primax International journal of Commerce and Management Research, ISSN: 2321-3604, Impact Facotr: 7.184, Special issue, August 2019 (**UGC Approved - 64650**)
- Dr. K.S. Chandrasekar, "An overview of FDI policy reforms and its impact on the Indian retail sector", Primax International journal of Commerce and Management Research, ISSN:2321-3604, Impact Facotr: 7.184, Special issue, August 2019 (**UGC Approved - 64650**)
- Dr. K.S. Chandrasekar, "Factors affecting green purchase behavior of the customers of two wheelers and three wheelers in Kerala", Restaurant business – journal of management studies, ISSN: 0097-8043, Vol.118, issue-7, July 2019 (**Scopusindexed 4900152405**)
- Dr. K.S. Chandrasekar, "A study on the attitude of stakeholders in professionalizing water Resources in the state of Kerala", Journal of Management Research and Analysis (JMRA), ISSN: 2394 - 2770, Impact Factor: 6.303, Volume 06 Issue2 (Special Issue), March 2019 (**UGC Approved - 63796**)
- Dr. K.S. Chandrasekar, "Prompt corrective Action (PCA) in Banks - An analysis", Journal of Management Research and Analysis (JMRA),

ISSN: 2394 - 2770, Impact Factor: 6.303, Volume 06 Issue2 (Special Issue), March 2019 (**UGC Approved - 63796**)

12. Dr. K.S. Chandrasekar, "Strategic marketing in Indian Pharmaceutical industry - Focus on Marketing planning", Journal of Management Research and Analysis (JMRA), ISSN: 2394-2770, Impact Factor: 6.303, Volume 06 Issue 2 (Special Issue), March 2019 (**UGC Approved - 63796**)
  13. Dr. K.S. Chandrasekar, "The emerging relational perspective on tourism marketing networks and alliances", Journal of Management Research and Analysis (JMRA), ISSN: 2394-2770, Impact Factor: 6.303, Volume 06 Issue 2 (Special Issue), March 2019 (**UGC Approved - 63796**)
  14. Dr. K.S. Chandrasekar, "A study on impact of consumer behavior with internet marketing and website design", International journal of Management, IT and Engineering, Vol.9 Issue 2(1), February 2019, ISSN: 2249-0558 Impact Factor: 7.119 (**UGC approved - 46823**)
  15. Dr. K.S. Chandrasekar, "Export promotion programmes in Kerala – Filip to the sectors needed", International journal of Marketing and Management Research, Vol. 10, Issue 2, February 2019, ISSN: 2229-6883, Impact Factor: 6.544 **ScopusindexedId: A24C42219E74FAC1**
  16. Dr. K.S. Chandrasekar, "Labour welfare and theoretical treatise in the context of emerging role of Human resources management in corporate sector", Asia Pacific journal of management, ISSN : 2229-4104, Impact Factor-6.737 **ScopusindexedId: 14999DAEAOF55A14**
  17. Dr. K.S. Chandrasekar, "Total quality management in pharmaceutical industry: with respect to green innovation", Journal of the Gujarat Research Society, Vol.21, issue 8, November 2019. (ISSN: 0374-8588) (**UGC-CARE**)
  18. Dr. K.S. Chandrasekar, "Impact of innovations in Telecommunications on Green economy and sustainable development", Journal of the Gujarat Research Society, Vol. 21, issue 8, November 2019. (ISSN: 0374-8588) (**UGC-CARE**)
  19. Dr. S. Ambeeshmon, "Social Media and Health Care: Usage Pattern of Consumers and Success Factors", International Journal of Recent Technology and Engineering, Volume-8 Issue-S32, October 2019, ISSN: 2277-3878, Scopus cite score: 0.11, Impact Factor: 5.92. p 359-361.
  20. Dr. S. Ambeeshmon, "Usage Patern of Illicit Liquor in Kerala: A Study with Reference to Frequency of Usage and Demographic Characteristics of Consumers". Journal of Gujarat Research Society, Volume: 21, Issue 8, No: 11 (2019), ISSN: 0374-8588, UGC CARE list Group D, Impact Factor: 4.2,2019. P 268-276
  21. Dr. S. Ambeeshmon, "Means to Check Alcoholism: The Stakeholder View in Kerala", Journal of Gujarat Research Society, Volume: 21, No: 11 (2019), ISN: 0374-8588, UGC CARE list Group D, Impact Factor: 4.2, 2019. P 260-267
3. Details of papers published by the faculty members of the department in other peer Reviewed Journals with ISSN, Vol No., month/year etc. **Nil**
  1. Details of book edited/published by the faculty members of the department with title, ISBN, publisher, month/year.
    1. "**History of Management Thoughts**", ISBN: 9788182095755, Vijay Nicole Imprints, Chennai (2019)
    2. **Marketing management-Text and Cases**, ISBN: 9788182093843 Mc Graw Hil Education through Vijay Nicole Imprints, Chennai, Chennai (2010, revised-2013, 2019)
    2. Details of papers published by the faculty members of the department as chapters in books with details such as title of the paper, title of the book, editors, publisher, etc.
      1. "Factors in fluencing the practice of e-marketing through web channels in Ethiopia", Recent trends in e-logistics management, Prof. M. Senthil (Ed.), Shanlax publications (ISBN: 9789389146707)
      2. "Logistics Management practices in FMCG and consumer durables sector in Kerala- an empirical study", Recent trends in e-logistics management, Prof. M. Senthil (Ed.), Shanlax publications (ISBN: 9789389146707)
      3. "Impact of green innovation and total quality management in pharmaceutical industry", Recent trends in e-logistics management, Prof. M. Senthil (Ed.), Shanlax publications (ISBN: 9789389146707)
      4. "Supply chain management of fruits – A comparative study on the Kerala state and zidamazone, Ethiopia", Recent trends in e-logistics management, Prof .M. Senthil (Ed.), Shanlax publications (ISBN: 9789389146707)
      5. "Innovations in Tele communications industry in India", Recent trends in e-logistics management, Prof. M. Senthil (Ed.), Shanlax publications (ISBN: 9789389146707)
      6. "An empirical analysis on the socioeconomic background of the capital market investors in Kerala", Contemporary innovations in Business and Management, Dr. A. Lenin Jothi (Ed.), (ISBN: 9789387862562)
      7. "Marketing orientation – The focus for pharmaceutical companies in India", Innovative strategies of management in the globalized era-2019, P Kannadas (Ed.), Shanlax publications (ISBN: 9789388398671)
      8. "Baby and child specific product markets in Asia pacific region – A comparison between India and China", Opportunities and challenges in contemporary management practices, Dr. M. Soundarapandian (Ed.), Mayas Publications (ISBN: 9789387756496)
    3. Details of papers/abstracts published by the faculty members of the department in conference proceedings with ISBN, month/year, indexing details if any etc.



4. Details of articles published by the faculty members of the department in scholarly magazines, bulletins or newspapers. (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co-investigator if any.)
5. Details of patents granted in 2019.
9. Details of newsletters/brochure/bulletins/published by the department.
1. Dr. K.S. Chandrasekar, Issue no. 42/2019 dated 18-10-2019
10. No. of PhD theses awarded. Dr. K.S. Chandrasekar-4, Dr. Ambeesh Mon. S-3
2. Dr. K.S. Chandrasekar, Issue no. 43/2019 dated 25-10-2019
11. No. of PhD theses submitted.- Dr. K.S. Chandrasekar-2, Dr. S. Ambeesh Mon-2.
6. Details of patents requests filed in 2019 but pending at patent office.
12. No. of M. Phil dissertations awarded.-1
7. Details of technology transfers.
13. No. of M. Phil dissertations submitted.
8. No. of funded projects active during the year
14. Placement details of students.

Sl No. & Name of student	Name of course	Designation	Name of the company	Annual Pay

18. Students who cleared GATE/NET/SET etc.

Sl No	Name of student	Name of course	Name of exam cleared

19. Details of Library books/journals

Sl. No	Details	
1.	Whether the library is automated	Yes
2.	No. of books in stock as on Jan1, 2019	15655
3.	No. of books added this year	539
4.	No. of offline journal subscribed	7
5.	No. of online journals subscribed	Nil
6.	No. of online books available	Nil
7.	Amount spend for purchase of books	Rs. 10 lakhs

20. No of funded projects active during the year:

(Project name, funding agency, total outlay)

21. Details of international/national conferences/seminars/workshops organized by the department.

Sl No	Name of the conferences/ Seminars/ Workshops	International/ National	Sponsoring Agency	Date of the Conference/ Seminar/ workshop	No. of participants (Show foreign And outside State participants separately)

22. Details of consultancy work active during the year.

Sl. No	Name of the project	Project Director	Sponsoring agency	Outlay	Duration
1	Admission supervisory committee exam	Dr.K.S.Chandrasekar	ASC-Government Of Kerala	57,62,000	Oneyear
2	Admission supervisory committee exam	Dr.K.S.Chandrasekar	ASC-Government Of Kerala	9,50,000	Sixmonths
3	Admission supervisory committee exam	Dr.K.S.Chandrasekar	ASC- Government Of Kerala	8,53,050	Sixmonths

23. Major equipments purchased during the year.

Sl.No	Name of the equipment	Cost	Source of fund	Purpose/use

24. Major developmental activity like construction etc.

Sl.No	Name of the activity	Cost	Source of fund	Purpose

25. Details of syllabus revisions during the year (indicate major/minor)

26. Details of community outreach programmes (Please give a brief description)

27. Adoption of villages / colonies / schools / departments in colleges, if any with brief description.

28. Steps taken to make the department differently abled friendly.

29. Green initiatives / waste management / energy saving measures.

30. Details of alumni association.

Sl No	Details
1	Name of the association
2	Registered or Not
3	No. of meetings held this year
4	No. of members added this year
5	Details of Alumni contributions including endowments, talks, donations etc.

31. Details of eminent personalities visited in the department.

32. Details of awards received by faculty / staff / students.

Dr. K.S. Chandrasekar, Outstanding award for the Alumni, BSMED, Bharathiar University, Coimbatore, March 2019

33. Other major achievements and activities, including invited lectures, interactions, get together etc.

34. Details of International / National / State awards / recognitions received

35. Important society chapters like IEEE, Aquatic association etc. Dr. K.S. Chandrasekar, Chairman-ISTD Trivandrum chapter

36. Details of online courses offered

Sl. No	Particulars
1	No. of MOOC courses offered
2	Name of the coordinator
3	No of students enrolled for the course
4	No of students enrolled for the online/MOOC courses offered by other institutions

### C. CONTRIBUTION AT INDIVIDUAL LEVEL

(In this section contribution of all faculty members / technical staff / permanent / contract / visiting / adjunct / emeritus / PDF may be given, with each person's contribution listed consecutively. Only the items applicable to the concerned faculty shall be furnished)

#### 1. Name of the faculty: Dr. K.S. Chandrasekar

No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc. with ISSN / impact factor etc. - 18

1. Dr. K.S. Chandrasekar, "Relationship between emotional intelligence and performance among

software professionals in Kerala", GIS Business, ISSN:1430-3663, Vol-14-Issue-6-November-December-2019 (**Scopus indexed**)

2. Dr. K.S. Chandrasekar, "Digital food delivery apps revolutionizing food products marketing in India", International journal of Recent Technology and Engineering (IJRTE), ISSN:2277-3878, Volume 8, Issue 2 S6, July 2019 (**Scopus indexed**)

3. Dr. K.S. Chandrasekar, "Online marketing of baby care products in India", International journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume 8, Issue 2 S6, July 2019 (**Scopus indexed**)

4. Dr. K.S. Chandrasekar, "A systemic approach to strategies for green innovative products", Restaurant business-journal of management studies, ISSN: 0097-8043, Vol.118, issue-8, August 2019 (**Scopusindexed4900152405**)
  5. Dr. K.S. Chandrasekar, "Relationship between consumer behavior and ecological belief towards green food product", Restaurant business-journal of management studies, ISSN: 0097-8043, Vol.118, issue-8, August 2019 (**Scopusindexed4900152405**)
  6. Dr. K.S. Chandrasekar, "The impacts of different dimensions of supply chain integrations on operational performance outcome efficiency in the Fruit supply chain management: A comparative study of Sidama Zone and Kerala", Restaurant business-journal of management studies, ISSN: 0097-8043, Vol.118, issue-8, August 2019 (**Scopusindexed4900152405**)
  7. Dr. K.S. Chandrasekar, "A study of the profile of women entrepreneurship in the organized sector in Kerala", Primax International journal of Commerce and Management Research, ISSN: 2321-3604, Impact Factor: 7.184, Special issue, August 2019 (**UGCApproved-64650**)
  8. Dr. K.S. Chandrasekar, "An overview of FDI policy reforms and its impact on the Indian retail sector", Primax International journal of Commerce and Management Research, ISSN: 2321-3604, ImpactFactor:7.184, Special issue, August 2019 (**UGCApproved-64650**)
  9. Dr. K.S. Chandrasekar, "Factors affecting green purchase behavior of the customers of two wheelers and three wheelers in Kerala", Restaurant business-journal of management studies, ISSN: 0097-8043, Vol.118, issue-7, July 2019 (**Scopusindexed4900152405**)
  10. Dr. K.S. Chandrasekar, "A study on the attitude of stakeholders in professionalizing water resources in the state of Kerala", Journal of Management Research and Analysis (JMRA), ISSN: 2394-2770, ImpactFactor: 6.303, Volume06 Issue2 (Special Issue), March 2019 (**UGC Approved-63796**)
  11. Dr. K.S. Chandrasekar, "Prompt Corrective Action(PCA) in Banks- Ananalysis", Journal of Management Research and Analysis (JMRA), ISSN:2394-2770, Impact Factor:6.303, Volume 06 Issue2 (Special Issue), March 2019(**UGCApproved-63796**)
  12. Dr. K.S. Chandrasekar, "Strategic marketing in Indian Pharmaceutical industry-Focus on Marketing planning", Journal of Management Research and Analysis (JMRA), ISSN: 2394-2770, ImpactFactor: 6.303, Volume06 Issue2 (Special Issue), March 2019 (**UGCApproved-63796**)
  13. Dr. K.S. Chandrasekar, "The emerging relational perspective on tourism marketing networks and alliances", Journal of Management Research and Analysis (JMRA), ISSN: 2394-2770, Impact Factor: 6.303, Volume 06 Issue2 (Special Issue), March 2019 (**UGCApproved-63796**)
  14. Dr. K.S. Chandrasekar, "A study on impact of consumer behavior with internet marketing and website design", International journal of Management, IT and Engineering, Vol.9 Issue2 (1), February 2019, ISSN: 2249-0558 ImpactFactor: 7.119 (**UGCApproved-46823**)
  15. Dr. K.S. Chandrasekar, "Export promotion programmes in Kerala-Filip to the sectors needed", International journal of Marketing and Management Research, Vol.10, Issue2, February 2019, ISSN: 2229-6883, ImpactFactor:6.544 **ScopusindexedId: A24C42219E74FAC1**
  16. Dr. K.S. Chandrasekar, "Labourwelfare and theoretical treatise in the context of emerging role of Human resources management in corporate sector", Asia Pacific journal of management, ISSN : 2229-4104, ImpactFactor-6.737 **ScopusindexedId: 14999DAEA0F55A14**
  17. Dr. K.S. Chandrasekar, "Total quality management in pharmaceutical industry: with respect to green innovation", Journal of the Gujarat Research Society, Vol.21, issue8, November 2019. (ISSN: 0374-8588) (**UGC-CARE**)
  18. Dr. K.S. Chandrasekar, "Impact of innovations in Telecommunications on Green economy and sustainable development", Journal of the Gujarat Research Society, Vol.21, issue8, November 2019. (ISSN: 0374-8588) (**UGC-CARE**)
- Details of book edited/published by the faculty members of the department with title, ISBN, publisher, month/year.-2
1. "**History of Management Thoughts**", ISBN:9788182095755, Vijay Nicole Imprints, Chennai (2019)
  2. **Marketing management-Text and Cases**, ISBN: 9788182093843 McGraw Hill Education through Vijay Nicole Imprints, Chennai, Chennai (2010, revised-2013, 2019)
- Details of papers published by the faculty members of the department as chapters in books with details such as title of the paper, title of the book, editors, publisher, etc.
1. "Factors influencing the practice of e-marketing through web channels in Ethiopia", Recent trends in e-logistics management, Prof. M. Senthil (Ed.), Shanlax publications (ISBN:9789389146707)
  2. "Logistics Management practices in FMCG and consumer durables sector in Kerala-an empirical study", Recent trends in e-logistics management, Prof. M. Senthil (Ed.), Shanlax publications (ISBN:9789389146707)
  3. "Impact of green innovation and total quality management in pharmaceutical industry", Recent trends in e-logistics management, Prof. M. Senthil (Ed.), Shanlax publications (ISBN:9789389146707)
  4. "Supply chain management of fruits- A comparative study on the Kerala state and zidamazone, Ethiopia", Recent trends in

- e-logistics management, Prof. M. Senthil (Ed.), Shanlax publications (ISBN: 9789389146707)
5. "Innovations in Telecommunications industry in India", Recent trends in e-logistics management, Prof. M. Senthil (Ed.), Shanlax publications (ISBN:9789389146707)
  6. "An empirical analysis on the socioeconomic background of the capital market investors in Kerala", Contemporary innovations in Business and Management, Dr. A. Lenin Jothi (Ed.), (ISBN:9789387862562)
  7. "Marketing orientation – The focus for pharmaceutical companies in India", Innovative strategies of management in the globalised era-2019, P. Kannadas (Ed.), Shanlax publications (ISBN:9789388398671)
  8. "Baby and child specific product markets in Asia pacific region-A comparison between India and China", Opportunities and challenges in contemporary management practices, Dr. M. Soundarapandian (Ed.), Mayas Publications (ISBN:9789387756496).
- No. of presentations in conferences/seminars (indicate oral/poster)-
1. Session Chair, International conference on Indian economy-Strengths and Weaknesses, Aiman College of Arts and Science for Women, Bharathidasan University, Trichy, 8<sup>th</sup> August 2019.
  2. Presented a paper, "Factors influencing the practice of e-marketing through web channels in Ethiopia", International conference on E-logistics and supply chain management (Sponsored by RUSA 2.0), Alagappa University, Karaikudi, 12<sup>th</sup> and 13<sup>th</sup> September 2019.
  3. Presented a paper, "Logistics Management practices in FMCG and consumer durables sector in Kerala-an empirical study", International conference on E-logistics and supply chain management (Sponsored by RUSA 2.0), Alagappa University, Karaikudi, 12<sup>th</sup> and 13<sup>th</sup> September 2019.
  4. Presented a paper, "Impact of green innovation and total quality management in pharmaceutical industry", International conference on E-logistics and supply chain management (Sponsored by RUSA 2.0), Alagappa University, Karaikudi, 12<sup>th</sup> and 13<sup>th</sup> September 2019.
  5. Presented a paper, "Supply chain management of fruits – A comparative study on the Kerala state and Zidamazone, Ethiopia", International conference on E-logistics and supply chain management (Sponsored by RUSA 2.0), Alagappa University, Karaikudi, 12<sup>th</sup> and 13<sup>th</sup> September 2019.
  6. Presented a paper, "Innovations in Telecommunications industry in india", International conference on E-logistics and supply chain management (Sponsored by RUSA 2.0), Alagappa University, Karaikudi, 12<sup>th</sup> and 13<sup>th</sup> September 2019.
  7. Presented a paper "Marketing in the New Indian Economy", International conference on Indian economy-Strengths and Weaknesses, Aiman College of Arts and Science for Women, Bharathidasan University, Trichy, 8<sup>th</sup> August 2019.
  8. Presented a paper "Marketing orientation-The focus for pharmaceutical companies in India", International seminar on Innovative strategies of management in the globalised era-2019, MK University, 7<sup>th</sup> March 2019.
  9. Presented a paper "Digital entrepreneurship in Ethiopia: Challenges and opportunities", International conference on Digital entrepreneurship: Platform, process, people and Technology-ICDE 2019, Presidency University, Bengaluru, 8<sup>th</sup> to 9<sup>th</sup> February 2019.
  10. Invited paper, "Leadership nuances and challenges in Indian organizations: Lessons from Western, Eastern and Indian context", National workshop on Leadership, Department of Education, MS University, Tirunelveli, 19<sup>th</sup> December 2019.
  11. Valedictory address, Three days International conference of IASP, Department of Demography, University of Kerala, 14<sup>th</sup> December 2019.
  12. Invited paper, Five days National workshop on Documentation of Dravidian culture conservation process & Digital technology, Department of Tamil, University of Kerala, 4<sup>th</sup> December 2019.
  13. Invited paper, National conference on Fiscal stability and State Policy, Department of Economics, University of Kerala, 20<sup>th</sup> November 2019.
  14. Special address ICSSR National conference on Depth and Expanse of Online Marketing Mettle, Alagappa University, Karaikudi, 1<sup>st</sup> August 2019.
- No. of Ph. D's awarded: 4
1. Jayaprakasan.V.S
  2. Rajesh.R
  3. Legesse Guduro Mamo
  4. EssayasTayeLemma
- No. of Patents awarded: 2
1. Dr. K.S. Chandrasekar, Issue no.42/2019 dated 18-10-2019
  2. Dr. K.S. Chandrasekar, Issue no.43/2019 dated 25-10-2019
- Involvement in academic bodies as dean, academic council/board of studies member etc.
1. Chairman-BOS in Business Management (Pass)
  2. Chairman-BOS in Business Management (PG)
  3. Dean-Faculty of Management studies
  4. Member-Academic Council-University of Kerala
  5. Member-Academic Council-Central University of Kerala, M.G. University
  6. Member-Board of studies-MS University, Nehru College of Arts and Sciences (Autonomous)

**2. Name of faculty: Dr. Ambeesh Mon. S**

- No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc. with ISSN/ impactfactor etc.-3
- “Social Media and Health Care: Usage Patern of Consumers and Success Factors”, International Journal of Recent Technology and Engineering, Volume-8 Issue-S32, October2019, ISSN: 2277-3878, Scopuscite score: 0.11, Impact Factor:5.92. p359-361.
  - Usage Pattern of Illicit Liquor in Kerala: A Study with Reference to Frequency of Usage and Demographic Characteristics of Consumers”. Journal of Gujrat Research Society, Volume: 21, Issue8, No: 11(2019), ISSN: 0374-8588, UGC CARE list Group D, ImpactFactor: 4.2,2019. p 268-276.
  - Means to Check Alcoholism: The Stakeholder View in Kerala, Journal of Gujrat Research Society, Volume: 21, No: 11(2019), ISN: 0374-8588, UGC CARE list Group D, ImpactFacor: 4.2,2019. P 260-267.
- No. of papers published in other peer reviewed journals with ISSN etc.
  - No. of book edited/published with ISBN
  - No. of papers published as chapters in books
  - No. of papers/abstracts published in conference proceedings with ISBN
  - No. of presentations in conferences/seminars (indicate oral/poster)- 3 oral
  - No. of articles published in scholarly magazines, bulletins or newspapers.
  - No. of PhD theses awarded-3
  - No. of PhD thesis submitted-2
  - No. of MPhil dissertations awarded-1
  - No. of MPhil dissertations submitted
  - No. of patents granted
  - No. of patents requests filed
  - No. of technology transfers
  - No. of MOOC/Online courses completed
  - No. of workshops/FDPs/short term courses/ conferences attended
  - No. of foreign visits for academic purposes
  - Involvement in academic bodies as dean, academic council/board of studies member etc.
  - Service as reviewer of journals/seminar papers (give details)
  - Served as Chair/member of committees /boards/ councils/commissions etc.
  - Artistic performances held (fine arts faculty only)
  - Media productions (journalism only)
  - Activities in clubs, associations, NSS etc.
  - Details of international/national/state awards/ recognitions received.
  - Public talks/discussions over AIR/television channels
  - Any other activities.

**SCHOOL OF COMMUNICATION & INFORMATION SCIENCE**  
**DEPARTMENT OF COMMUNICATION & JOURNALISM**

Year of Establishment: 1976

**Faculty of Arts**

**A. Department Profile**

4. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Dr. M.S. Harikumar	M	PhD	Asst. Professor
2	J. Maggie	F		Asst. Professor
3	Dr. P. Lalmohan	M	PhD	HOD & Asst. Professor
4	Mr. K.S. Suresh	M		Asst. Professor

5. Administrative staff - 4 nos. (3F/1M)

6. Programmes offered

Name of programme	Strength	Female	Trans-gender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actual							

Masters MCJ – Master of Communication & Journalism	22+22 = 44	23+24= 47	16+15= 31	Nil	2+5=7	Nil	9+7= 16	Nil	1+2 = 3	100
PhD			8	Nil	Nil	Nil	2	Nil	Nil	

#### B. COMMON ACTIVITIES

1. Journals, if any, published by the Dept. with ISSN, No of issues/year, index details, if any

**Communication & Media Studies – An Indian Research Journal (Research Journal)**

ISSN: ISSN 2395-1559

Number of Issues per Year: 2

2. Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc. - 2 nos.

Two- Selected for Publication.

**(Times of India- Eponymous Epic by Dr. Lalmohan. P, dated 31-12-2019)**

3. Details of newsletters/ brochure/ bulletins/ published by the department.

No.	Name of the newsletters/ bulletins	Description
1	Univ Voice	Official Practice Newspaper of DCJ publishes in English
2	Kalari	Official Practice Newspaper of DCJ publishes in Malayalam
3	News Today	Daily Newsletter of DCJ
4	Uni Voice IFFK Spotlight	Yearly Special News Letter Published as part of International Film Festival of Kerala
5	Uni Voice Science Special Issue	Special Science Edition of Univ Voice

7. No. of PhD theses awarded. - 1

8. No. of PhD theses submitted. - 1

9. Placement details of students.

Sl. No	Name	Name of the course	Designation	Name of the company	Annual Pay
1	R.S. Parvathy Nair	MCJ	Multi Media Producer	Asiaville, Ernakulam	2.8 Lakhs
2	Anand Kumar	MCJ	Colonel	Colonel in Indian Army, (DRDL, Hyderabad)	15 Lakhs
3	Veena Vijayan	MCJ	Information Assistant	Public Relations Department, Govt. of Kerala	1.5 Lakhs
4	Anoma Thompson David	MCJ	Reporter	News60ml, Trivandrum	1.5 Lakhs
5	Vivek G. Raj	MCJ	Content Editor	Etv Bharat, Hyderabad	1.2 Lakhs
6	Abhijith S.S.	MCJ	Clerk	Chenkall Service co-operative bank, Trivandrum	3 Lakhs

7	A.L. Akhila	MCJ	Content Editor	Etv Bharat,Hyderabad	1.5 Lakhs
8	N. Midhula Sarma	MCJ	Content Editor	Etv Bharat,Hyderabad	1.5 Lakhs
9	Asif Abdul Khalam	MCJ	Content Editor and News Reader	Etv Bharat, Hyderabad	1.5 Lakhs
10	Ralph Robert	MCJ	Reporter	Times of India, Trivandrum	1.6 Lakhs
11	M.A. Aswathi Nair	MCJ	Content Writer	Mathrubhumi News	1.3 Lakhs
12	S.P. Ardhana	MCJ	Guest Lecturer	SN College, Chathanoor	1.5 Lakhs
13	M.S. Thasneem Muhammed	MCJ	Lecturer	Islahiya College, Chennamangallur, Kozhikode	1.6 Lakhs
14	A.R. Shahana	MCJ	Public Relations Officer	Talrop Educations Private Limited Pan-gode, Trivandrum	1.5 Lakhs
15	Anandu R. Nair	MCJ	Broadcast Journalist	Media One TV	2.5 Lakhs

7. Students who cleared GATE/NET/SET etc. - 11 nos. (NET-7 nos./JRF-4 nos.)

8. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	In progress
2.	No. of books in stock as on Jan 1,2019	6351
3.	No. of books added this year	305
4.	No. of offline journal subscribed	General: 18 Academic: 3
7.	Amount spend for purchase of books	Rs. 5,00,000/-

9. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1	One day National Level Workshop on Research Methods	National	-	20.03.2019	-

10. Major equipments purchased during the year.

Sl. No	Name of the equipment	Cost	Source of fund	Purpose/ use
1	Desktop Computers – 3 Nos	Rs. 97,434.00/-	Plan Fund	For Office and Faculty

11. Details of community outreach programmes (Please give a brief description)

Programmes	Date	Activity & Output
Take Media Fest	3 Day programme conducted first quarter of every year	Seminars, workshops, competitive events and cultural programmes.  To increase awareness about responsible journalism, ethics, social values, citizenship and to equip to face the challenges in the industry.  Every year <b>more than 100 participants from across colleges and media training institutes across the country participate.</b>
Open Day Exhibition at the Department as part of 'Saasthayaan' Programme 2019	15 – 16 FEB, 2019	Collection of old newspapers, old cameras, Extinct media equipment including projectors, Film developer, Tele-printer, Film projector, Recording devices, old TV sets and radios etc were exhibited at the Media Museum set up at the department. <b>General public</b> were invited and shown around at the museum.
Two day Workshop on 'Documentary Making' in association with an NGO Vakkom Maulavi Foundation Trust, TVM	12 to 13, June, 2019	<b>Swadeshabhimani Media centre of VMF trust</b> cooperated with the department to conduct the documentary making workshop. Around 50 students including MCJ students attended the programme and produced practice documentaries.
Workshop on Popular Science Writing as part of Science week celebrations 2019	11 to 12 March 2019	The department has organized a two day science writing workshop for <b>young researchers</b> of the University. Key resource persons were leading popular science writers in Kerala  Theme: Science Communication for All  All the presentations were published in a booklet form
Simulated Press Meet Exercise in association with Kanthari International	12 July 2019 Full day Programme	The department has organized a simulated press meet exercise in association with <b>Kanthari International, an NGO</b> , to enhance the journalistic skill of Media Students. <b>50 entrepreneurial students from abroad who study with Kanthari</b> have also participated in the event
Programme organized at Vellayani Lake with Neerthadakam team project "Revive Vellayani"	Gandhi Jayanthi – 02-10-2019	Organised an Outreach programme at Vellayani Lake with Neerthadakam team project "Revive Vellayani"
Organised a National photography contest. Contributed the money thus received towards CMDRF		
IFFK Media Cell Activities	8-12 December 2019	Journalism students were part of the media cell in association with IFFK 2019.



12. Green initiatives/ waste management/ energy saving measures. –

Waste Disposal Bins have been placed in the department, in which plastic, electronic, and food wastes can deposit separately.

13. Details of alumni association.

Sl. No	Details	
1.	Name of the association	DCJ Alumni Association
2.	Registered or not	Yes
3.	No. of meetings held this year	SIX
4.	No. of members added this year	20
5.	Details of alumni contributions, including endowments, talks, donation etc	Maxwell Fernandez Award

14. Details of eminent personalities visited in the department.

Sl. No	Name	About the Personality	Event
1.	Prof. N. Radhakrishnan	Gandhian, Writer, Academician, Human Rights Activist	Gandhi Birth Anniversary Talk - 2019
2.	A.K. Bijuraj	Photojournalist & Film Maker	Photography Workshop
3.	B. Sreejan	Editor, Times of India, Trivandrum	Seminar as part of Press Day
4.	Anil Radhakrishnan	City Editor, The Hindu, Trivandrum	Seminar as part of Press Day
5.	Josy Joseph	Award Winning Investigative Journalist & Writer	Swadeshbhimani Ramakrishna Pillai Memorial Lecture
6.	Josekutty Panackal	Award Winning Photo-Journalist	Workshop on Photography as part of World Photography Day
7.	Mahesh Harilal	Fine-art portrait photographer and educator	Workshop on Photography as part of World Photography Day
8.	B. Chandrakumar	Former Senior News Photographer in Mathrubhumi Daily	Workshop on Photography as part of World Photography Day

15. Other major achievements and activities, including invited lectures, interactions, get together etc.

- One student was selected for Legislature Assembly's documentation team for One week.
- Screening of documentaries produced by students (Five) held on 06th December 2019.
- Students published Kalari, Univoice and News Today.

16. Details of International/ National/ State awards/ recognitions received

Sl No	Name of the Student/ Faculty/Staff	Awards/ Achievements
1	Ancy K. Jose	Won Gold in Inter collegiate fencing championship (2018-19) Event: Foil
2	Ancy K. Jose	Member of All India Fencing team (2018-19) Participation Event: Foil
3	Ancy K. Jose	Won Bronze in All Kerala fencing association championship (2019-20) Event: Foil
4	Ancy K. Jose	Won Gold and Bronze in Kerala university intercollegiate Fencing Championship, Event: Foil - Gold ( individual) Event: Epee - Bronze (individual)
5	Ancy K. Jose	Member of Kerala university all India Fencing team

6	Sruthy Suresh	Interuniversity National Level Competition 2018-19 Won Second prize for <b>One Act play</b> Won Second prize for <b>Skit</b>
7	Sruthy Suresh	Won Third prize for South zone interuniversity Youth festival 2018 participated in <b>Folk Orchestra</b>
8	Sruthy Suresh	Qualified to South zone interuniversity Youth festival 2019 in the Item <b>One Act Play</b>
9	N. Ayisha	Won Second Place for <b>Mappilappattu-Female</b> , in Kerala University Youth Festival 2019
11	Nandu Sekhar	Won Second Prize in Intercollegiate Photography Contest as part of World Photography Day held at Palpu College, Kallara
12	Nandu Sekhar	Won Second Prize at Yathra2K19 Fest Spot Photography Contest organized by IMK, Kerala University
13	G.S. Anandhu	Won First prize on Spot Photography Contest in the event COSMET 2018, organized by Computer Science Department, University of Kerala
14	G.S. Anandhu	Won First Prize in Intercollegiate Photography Contest as part of World Photography Day held at Palpu College, Kallara
15	G.S. Anandhu	Won Third prize in Spot Photography Contest as part of Youth Festival 2019 held at Karyavattom Campus
16	G.S. Anandhu	Won Second Prize in short film making competition, 'Vrushti 2019' organised by NSS Unit, Karyavattom Campus

### C. CONTRIBUTION AT INDIVIDUAL LEVEL

#### Individual Contributions

Faculty: **Dr. M.S Harikumar**

- No. of presentations in conferences/ seminars (indicate oral/ poster): **Two (One oral and One poster)**
- No. of workshops/FDPs/short term courses/conferences attended: **Two**
- Involvement in academic bodies as dean, academic council/ board of studies member etc.: **1.Member, Academic Council, University of Kerala. 2. Chairman, Board of Studies in Journalism, University of Kerala, Member, Board of Studies in Journalism PG, University of Calicut. Member, Board of Studies in Journalism, Mar Ivanios College, Thiruvananthapuram. Member, Board of Studies in Journalism, St. Joseph College, Irinjalakkuda.**

**Chairman of the session on Migration and social impact in International Conference on Forced migration organized by the department of Sociology, University of Kerala, Dec, 2019**

- Media productions (journalism only) : **Chief Editor, UNIV VOICE, Practice Lab Journal, Nov 2019**
- Activities in clubs, associations, NSS etc: **President, Communication Club of DCJ, President, DCJ Alumni Association**

#### Faculty: **Smt. J. Maggie**

- No. of workshops/FDPs/short term courses/conferences attended: Participated in the one day workshop of Outcome based syllabus
- Involvement in academic bodies as dean, academic council/ board of studies member etc. :Member, Board of Studies, University of Calicut
- Served as Chair/ member of committees/ boards/ councils/ commissions etc.: Member of Academic Council, Chairman of Annual Scheme Examination Journalism.

#### Sri. **K.S. Suresh**

- Name of faculty: **K.S. Suresh, Asst. Professor, Dept. of Communication & Journalism, University of Kerala**
- No. of presentations in conferences/ seminars (indicate oral/ poster): **Two**
- No. of workshops/FDPs/short term courses/conferences attended **One**  
One day workshop for outcome base syllabus creation
- Served as Chair/ member of committees/ boards/ councils/ commissions etc. **Yes**  
Chairman for the valuation of I, III & V semester BA Journalism & Mass Communication Degree Examination 2018
- Media productions (journalism only)  
**Yes**

- Coordinated 5 video production as part of the 3<sup>rd</sup> semester course work
9. Details of international/ national/ state awards/ recognitions received. Nil
  10. Public talks/ discussions over AIR/ television channels One  
Delivered a talk at Anti drug campaign among students at Sree Sankara University, Kaladi, Vanchiyoor Centre

**Dr. P. Lalmohan**

1. No. of papers published in other peer reviewed journals with ISSN etc. – 2 (Accepted for Publication)
2. No. of presentations in conferences/ seminars (indicate oral/ poster)-

Oral Presentations:

1. **Reading Jodi Dean and the Idea of Communicative Capitalism, Traditions and Transitions of Ethical Concerns in Digital Media, Dept of Mass Communication and Journalism, University of Kannur, 05-07 February 2019.**
2. **Interpreting the Mediation of Facebook Live and the Local Sensorium of Malayali Diaspora in Gulf- Migration, Diaspora and Development- An Indian Perspective, Centre for Diaspora Studies, Central University of Gujarath – 07-08 March 2019**
3. **Practice of Journalism and Discipline of Communication- Negating Binary and Suggesting Fluidity- National Mass Communication Research Conference – University of Calicut- 12-14, March 2019**
4. **“Attending Inquiries in Phenomenology” in Kannur University on 28-02-2019, as a Resource Person in the Refresher Course for Faculties (UGC- HRDC) in Library & Information science, Journalism & Mass Communication.**
3. No. of articles published in scholarly magazines, bulletins or newspapers.-1 (**Times of India- Eponymous Epic – dated 31-12-2019**)
4. No. of workshops/FDPs/short term courses/conferences attended-1  
**Orientation programme attended in Kannur University from 16-10-2019 to 05-11-2019**
5. Involvement in academic bodies as dean, academic council/ board of studies member etc.  
**1. Member, Board of Studies, Journalism (UG), University of Calicut**  
**2. Member, Board of Studies, Journalism, University of Kannur**

3. **Member, Board of Studies, Journalism, Mar Ivanios College, Thiruvananthapuram**
4. **Member, Board of Studies, Journalism, St Joseph's College, Devagiri, Kozhikode**
5. **Director, School of Communication and Information Science, University of Kerala**
6. **Head, Dept of Communication and Journalism, University of Kerala**
6. Service as reviewer of journals/ seminar papers (give details)
  1. **Member, Editorial Board, Communication and Culture Review, A peer reviewed, open access, bi annual international journal. ISSN 2582-2829, Department of Electronic Media and Mass Communication Pondicherry University, Puducherry, India**
  2. **Member, Editorial Board, Communication and Media Studies, An Indian Research Journal, ISSN 2395-1559. Dept of Communication and Journalism, University of Kerala.**
7. Served as Chair/ member of committees/ boards/ councils/ commissions etc.
  1. **Exam Board Chairman- S2/S4/S6 BA Career Related JMCVP- University of Kerala**
  2. **Exam Board Member – MAJMC – University of Kerala**
  3. **Chairman- Doctoral Committee- Dept of Communication & Journalism, University of Kerala**
  4. **Member- Doctoral Committee- Dept of Mass Communication & Journalism, Kannur University.**
  5. **Member, Scrutiny Board for BA Mass Communication and Journalism, University of Calicut.**
  6. **Member, Panel of Question papers setters- Mass Communication and Journalism, University of Calicut.**
  7. **Member, Viva Board for PG Mass Communication and Journalism, University of Calicut.**
  8. **Member, Viva Board for PG Mass Communication and Journalism, Kannur University.**
  9. **Member, Viva Board for BA Mass Communication, Journalism and Video Production, Mar Ivanios College, Thiruvananthapuram.**
8. Public talks/ discussions over AIR/ television channels- **Dynamics of consumer market and consumer behavior- Workshop organized by Institute of Management in Government, IMG at their campus– 02-12-2019.**

# DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

Year of Establishment: 1961

## Faculty of Arts

### A. Department Profile

#### 9. Teaching Staff

Sl. No	Name (in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1.	Dr. B. Mini Devi	F	MSc., M.L.I.Sc., Ph.D.	Assistant Professor & Head

#### 10. Administrative staff - 3 nos. (1 F/1 M)

#### 11. Programmes offered

Name of programme	strength	Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actual							
Masters (Library and In-formation Science)	20	16	N.A	3	1	5	Nil	Nil	100
M.Phil (Library and In-formation Science)	1	1	N.A	-	-	-	Nil	Nil	100
PhD	13	10	N.A	-	-	4	Nil	Nil	
Post Doc	1	-	N.A	-	-	-	Nil	Nil	

### B. COMMON ACTIVITIES

- Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.
- Mini Devi, B. & Sooryajith (2019). Use of Online Public Access Catalogue in University Libraries in Kerala. *Pearl- A Journal of Library & Information Science*, 13(1), Jan- Mar. 63-71. ISSN: 0973-7081.
- Rabaeka Rachael, V.G. & Mini Devi, B. (2019). Job Satisfaction of Library Professionals of University of Calicut: An Analytical Study. *Indian Journal of Information Sources and Services (IJISS)*, 9 (1). Jan-Mar. 132-135. ISSN: 2231-6094.  
Naseer, A. & Mini Devi, B. (2019). Effect of Organisational Climate on Employees Motivation in University Libraries in Kerala: An Investigative Study. *Indian Journal of Information Sources and Services (IJISS)*, 9 (1). Jan-Mar. 71-75. ISSN: 2231-6094.
- Dhanyasree, A.R. & Mini Devi, B.(2019). Factors influencing career advancement activities of

women library professionals in Universities of Kerala: a study. *Asian Journal of Information Science & Technology : An International Peer-reviewed Journal on Information Science*, 9 (1), Jan-Mar. 113-118. ISSN: 2231-6108.

- Vishnumaya, R. S., & Mini Devi, B. (2019). A bibliometric portrait of contributions in the *Journal of Information Science: A study based on performance indicators. ILIS Journal of Librarianship and Informatics*, 2(1), June. 14-20. ISSN: 2581-9194.
- Naseer, A., & Mini Devi, B. (2019). Extent of job enlargement in university libraries in Kerala: An investigative study. *Asian Journal of Information Science and Technology*, 9 (1), Jan-Mar. 69-74. ISSN: 2231-6108.
- Money M Thomas & Mini Devi, B. (2019). Information Behaviour of Scientists and Researchers of the Kerala Forest Research Institute, Thrissur. *ILIS Journal of Librarianship and Informatics*, 2(1), June. 53-62. ISSN: 2581-9194.

2. Details of book edited/ published by the faculty members of the department with title, ISBN, publisher, month/ year.
3. Details of papers published by the faculty members of the department as chapters in books with details such as title of the paper, title of the book, editors, publisher, etc.
1. Damian, N. C., & Mini Devi, B. (2019). Information Behaviour : An Overview of the Methodology. In *Enhancement of Technology and Innovations in Contemporary Libraries* : edited by Jeyasekhar, R. et al.: Department of Library and Information Science, Alagappa University, Karaikudi, 115-119. ISBN: 978-81-941886-0-5.
2. Thomas, J. I., & Mini Devi, B. (2019). Open Access Resources in Library and Information Science. In *Enhancement of Technology and Innovations in Contemporary Libraries* : edited by Jeyasekhar, R. et al.: Department of Library and Information Science, Alagappa University, Karaikudi, 391-393. ISBN: 978-81-941886-0-5.
3. Athulya, S. & Mini Devi, B. (2019). Acquisition of Electronic Resources in the University Libraries in Kerala. In *Enhancement of Technology and Innovations in Contemporary Libraries* : edited by Jeyasekhar, R. et al.: Department of Library and Information Science, Alagappa University, Karaikudi, 335-340. ISBN: 978-81-941886-0-5.
4. Details of papers/ abstracts published by the faculty members of the department in conference proceedings with ISBN, month/ year, indexing details if any etc.
1. Asgar Yasir S. & Mini Devi, B. (2019). Historical Background of State Central Library, Trivandrum: An Analytical Study in International Conference on Current Technology and Trends in Libraries, CTTL-2019, Manonmanianam Sundaranar University, Thirunelveli, on 05<sup>th</sup> and 6<sup>th</sup>December March 2019. ISBN : 978-81-942865-9-2.
2. Renjini. V. & Mini Devi, B, (2019). Public Library: Outreach, Support for Citizenship, Lifelong Learning and Skills with Special Reference to State Central Library, Thiruvananthapuram in International Conference on Current Technology and Trends in Libraries, CTTL-2019, Manonmanianam Sundaranar University, Thirunelveli, on 05<sup>th</sup> and 6<sup>th</sup>December March 2019.44-49. ISBN : 978-81-942865-9-2.
3. Gokul Gopan, Rajeevan M. S. & Mini Devi, B, (2019). Preservation of Documents in the State Central Library, Thiruvananthapuram in International Conference on Current Technology and Trends in Libraries, CTTL-2019, Manonmanianam Sundaranar University, Thirunelveli, on 05<sup>th</sup> and 6<sup>th</sup>December March 2019.145-150. ISBN : 978-81-942865-9-2.
4. Joseph I Thomas & Mini Devi, B, (2019). Methods adopted for Managing Research Data: A Synoptic View in International Conference on Current Technology and Trends in Libraries, CTTL-2019, Manonmanianam Sundaranar University, Thirunelveli, on 05<sup>th</sup> and 6<sup>th</sup>December March 2019.145-150. ISBN : 978-81-942865-9-2.
5. Parvathy G Unni & Mini Devi, B, (2019). Concept of IPR, Copyright and DRM: A Synoptic View in International Conference on Current Technology and Trends in Libraries, CTTL-2019, Manonmanianam Sundaranar University, Thirunelveli, on 05<sup>th</sup> and 6<sup>th</sup> December March 2019.297-302. ISBN : 978-81-942865-9-2.
6. Liji, B.J., & Mini Devi, B, (2019). Research Data Management: an overview in Kerala Library Congress 2019 on Re-inventing Libraries in Digital Scenario, Farook College, Calicut, Kerala, on 20<sup>th</sup> and 21<sup>st</sup> December 2019.
7. Sofiya, A. & Mini Devi, B. (2019). Conversion of Public Libraries as Community Hubs in the view of Human Libraries in Kerala Library Congress 2019, Re-inventing Libraries in Digital Scenario, Department of Library and Information Science, Farook College, Kozhikode in collaboration with RUSA and Kerala State Library Council on 20<sup>th</sup> and 21<sup>st</sup> December 2019.
5. No. of PhD theses awarded. -1
6. No. of PhD theses submitted-8
7. No. of M. Phil dissertations awarded-1
8. Placement details of students.

Sl No	Name of student	Name of course	Designation	Name of the company	Annual Pay
1	S.B. Shibin	MLISc	Library Officer	IIT, Palakkad	Above 4 lakhs
2	K.C. Medona	MLISc	Library Asst.	CDS, Trivandrum	2 lakhs
3	M.S. Praseetha	MLISc	Library Asst.	CDS, Trivandrum	2 lakhs
4	S. Vijitha	MLISc	Library Asst.	IIM, Bangalore	2 lakhs
5	S. Amrutha	MLISc	Library Asst.	ISB, Hyderabad	2 lakhs
6	Namitha S Sekhar	MLISc	Library Intern	Govt. Sanskrit College	1 lakhs

9. Students who cleared GATE/NET/SET etc. - 10 nos. (NET)

10. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	Yes
2.	No. of books in stock as on Jan 1,2019	5416
3.	No. of books added this year	117
4.	No. of offline journal subscribed	9
5.	No. of online journals subscribed	Nil
6.	No. of online books available	35
7.	Amount spend for purchase of books	Rs. 267936/-

11. Details of consultancy work active during the year.

Sl. No	Name of the project	Project Director	Sponsoring agency	Outlay	Duration
1	Implementation of KOHA	Dr. B. Mini Devi		SRC	6 months

12. Major developmental activity like construction etc.

Sl. No	Name of the activity	Cost	Source of fund	Purpose
1	Started the initial works of Building for School of Communication & Information Science			

13. Details of syllabus revisions during the year (indicate major/ minor) - Minor

14. Details of community outreach programmes (Please give a brief description)

Initiated works for automating rural libraries, home libraries and school libraries

15. Adoption of villages/ colonies/ schools/ departments in colleges, if any with brief description.

Model School, Trivandrum

Implementation of KOHA software for library.

16. Green initiatives/ waste management/ energy saving measures.

Green Protocol is adopted for the dept.

17. Details of alumni association.

Sl. No	Details	
1.	Name of the association	Alumni Association of the Department of Library & Information Science (AADLIS)
2.	Registered or not	Registered
3.	No. of meetings held this year	3
4.	No. of members added this year	42

18. Details of online courses offered

Sl. No	Details	
1.	No. of MOOC courses offered	Nil
2.	No. of students enrolled for online/MOOC courses offered by other institutions	25

### C. CONTRIBUTION AT INDIVIDUAL LEVEL

Dr. B. Mini Devi, Assistant Professor & Head

2. No. of papers published in other peer reviewed journals with ISSN etc. -7
3. No. of papers/ abstracts published in conference proceedings with ISBN- 7
4. No. of presentations in conferences/ seminars (indicate oral/ poster)- 2
5. No. of articles published in scholarly magazines, bulletins or news papers- 1
6. No. of PhD theses awarded -1
7. No. of PhD thesis submitted- 8
8. No. of MPhil dissertations awarded- 1
9. Involvement in academic bodies as dean, academic council/ board of studies member etc.
  - Served as Member of the Academic Council, Member of the Faculty of Arts
  - Served as Chairperson, Board of Studies in Library and Information Science, University of Kerala.
  - Serving as Chairman of the Doctoral Committee in Library and Information Science, University of Kerala
  - Served as the Hon. Director, Centre for Information Literacy Studies, University of Kerala.
10. Service as reviewer of journals/ seminar papers (give details)
  - Editor – ILIS Journal of Librarianship and Informatics
  - Editorial Advisory Board Member – KELPRO Bulletin
11. Served as Chair/ member of committees/ boards/ councils/ commissions etc.
  - Served as Member, Board of Studies in Library and Information Science, Kannur University
  - Served as Member, Board of Studies in Library and Information Science, M.G. University
  - Served as Treasurer DLISA (Department of Library & Information Science Association)
  - Served as Treasurer Alumni Association of the Department of Library and Information Science (AADLIS)
  - Served as Resource Person for the Refresher Course in Library and Information Science organized by the Academic Staff College, University of Kerala.
  - Served as member of Board of Examiners/Question Paper Setters in the University of Calicut, Kannur University, Farook College, Kozikode, S.B College Changanacherry.

## SCHOOL OF DISTANCE EDUCATION

Year of Establishment: 1976

Faculty of School of Distance Education

### A. DEPARTMENT PROFILE

#### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Dr. R. Vasanthagopal	Male	M.Phil, PhD.	Professor and Director
2	Dr. A.M. Unnikrishnan	Male	M.Phil, PhD.	Professor
3	Dr. V. Asha	Female	MA. PhD	Professor
4	Dr. C.A. Lal	Male	M.Phil,PhD.	Professor
5	Dr. K.S. Suresh Kumar	Male	M.Phil, PhD.	Professor
6	Dr. K.S. Zeenath	Female	M.Phil, PhD.	Professor
7	Dr. A. Shaji	Male	PhD	Professor
8	Dr. S.R. Sheeja	Female	MA. PhD	Associate Professor
9	Dr. Ajitha	Female	MA. PhD.	Assistant Professor
10	Dr. S. Nazeeb	Male	M.Phil., Ph.D.	Assistant Professor
11	Dr. K. Mushtaq Ahammed	Male	M.Ed., Ph.D.	Assistant Professor
12	Dr. B. Balu	Male	M.Com, Ph.D.	Assistant Professor
13	Dr. Indu	Female	Ph.D.	Assistant Professor
14	Dr. T.K. Rajan	Male	MA. Ph.D.	Assistant Professor
15	Dr. Rose mary George	Female	MA. Ph.D.	Assistant Professor
16	Dr. S. Suja	Female	MA. Ph.D.	Assistant Professor
17	Dr. S. VenuMohan	Male	MA. Ph.D.	Assistant Professor

2. Administrative staff - 28 nos. (17 M/11 F)

3. Programmes offeredAv

Name of programme	strength	Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanctioned (Including marginal increase)	Actual							
B.A. Economics	90	56	0	17	1	49	0	0	
B.A. English	552	224	0	37	0	396	0	0	
B.A. Hindi	37	29	0	4	0	24	0	0	
B.A. History	584	323	0	60	0	392	0	0	
B.A. Malayalam	209	149	0	26	1	133	0	0	
B.A. Political science	84	40	0	9	0	51	0	0	
B.A. Sociology	874	510	0	105	8	584	0	0	
B.Com (Computer Application)	149	59	0	7	0	113	0	0	
B.Com Co-operation	778	382	0	28	0	597	0	0	
B.Com Finance	405	222	0	10	1	194	0	0	
B.Sc. Computer Science	124	46	0	9	1	83	0	0	
B.Sc. Mathematics	57	36	0	3	0	36	0	0	
BBA.	245	83	0	10	0	190	0	0	
BLISc..	187	130	0	12	2	110	0	0	
Bachelor of Computer Application (BCA)	192	58	0	11	0	123	0	0	
M.A. Economics	245	217	0	8	0	163	0	0	
M.A. English	544	455	0	34	0	335	0	0	
M.A. Hindi	126	116	0	9	1	77	0	0	
M.A. History	209	162	0	13	3	137	0	0	
M.A. Malayalam	246	185	0	15	1	145	0	0	
M.A. Political Science	100	73	0	5	0	61	0	0	
M.A. Public Administration	167	96	0	14	1	97	0	0	
M.A. Sociology	281	217	0	31	2	157	0	0	



M.Com - Finance	1277	985	0	49	3	842	0	0	
M.Sc. Computer Science	100	59	0	3	0	66	0	0	
M.Sc. Mathematics	376	316	0	13	0	200	0	0	
MBA.	314	156		22	0	160	0	0	
MLISc..	5	5	0	0	0	3	0	0	

## B. COMMON ACTIVITIES

- Journals, if any, published by the Dept. with ISSN, No of issues/year, index details, if any: DEK Researcher, ISSN: 2349-6924 Peer Reviewed Multi Disciplinary Biannual Journal
- Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.
  - Vasanthagopal, R, Service Quality of e-Governance Services through Common Service centres (CSQCSC) in India: A Study Using Structural Equation Modeling. Proceedings of the Special Collection. ACM New York, NY, USA ISBN 978-1-4503-6644- 1/19/04.http://doi.org/10.1145/3326365.3326435
  - Unnikrishnan, AM, "PK Parameswaran Nair: Idealistic comeliness of simplicity", in LITTCRIT, UGC approved journal (No 41273) June 2019.
  - Balu, B, BRICS: An overview of savings pattern in India and China. IMPACT: International Journal of Research in Humanities, Arts and Literature [IMPACT: IJRHAL] ISSN (p): 2347-4564; ISSN (O) 2321-8878 Impact factor 3.7985 ICV Factor: 42.56 Published by Impact Journals Chennai. Volume 7 March 2019.
- Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.
  - Vasanthagopal, R, Effectiveness of Market Intervention by Supplyco for Stabilizing Prices of Essential Commodities in Kerala RESEARCH REVIEW International Journal of Multidisciplinary ISSN: 2455-3085 Volume-04 May-2019.
  - Vasanthagopal R, Green Finance in India: An Innovative Practice for Sustainable Economic Development. Management Researcher (ISBN: 2230-8431), Vol XXIV(1), Jan March, 2019
  - Simon Hoult and Lal C A. "What can be Gained from Intercultural Engagements?" Perspectives on Educational Practice around the World. Ed Sue Hammond, Margaret Sangster. Bloomsbury: London (Due May 2019).
  - Simon Hoult and Lal C A. "An Imperial Relic or Preparation for Global Society: What are the Issues of having English Medium Schools?" Perspectives on Educational Practice around the World. Ed Sue Hammond, Margaret Sangster. Bloomsbury: London. (Due May 2019).
  - Joby Cyriac, Lal C A. TCI Didactic in the Higher Education Context of Kerala / India – Experiences and Insights of Teaching English Language and Communication at the Tertiary Level□ Theme-Centered Interaction (TCI) in Higher Education: A didactic approach for sustainable and living learning. Ed Sylke Meyerhuber, Helmut Reiser & Matthias Scharer. Springer: New York. (Due April 2019)
  - Details of book edited/ published by the faculty members of the department with title, ISBN, publisher, month/ year.
    - Simon Hoult and Lal C A. "What can be Gained from Intercultural Engagements?" Perspectives on Educational Practice around the World. Ed Sue Hammond, Margaret Sangster. Bloomsbury: London (Due May 2019).
    - Simon Hoult and Lal C A. "An Imperial Relic or Preparation for Global Society: What are the Issues of having English Medium Schools?" Perspectives on Educational Practice around the World. Ed Sue Hammond, Margaret Sangster. Bloomsbury: London. (Due May 2019).
    - Joby Cyriac, Lal C A. „TCI Didactic in the Higher Education Context of Kerala / India – Experiences and Insights of Teaching English Language and Communication at the Tertiary Level□ Theme-Centered Interaction (TCI) in Higher Education: A didactic approach for sustainable and living learning. Ed Sylke Meyerhuber, Helmut Reiser & Matthias Scharer. Springer: New York. (Due April 2019)
    - Azhathil Uyirkkunna Chodanakal (Studies), Sahithy Publications, Tvpm.
    - Bhashapadanagal (Editor), P.K Parameswaran Nair Smaraka trust, Tvpm. ISBN : 978-93-5390-098-4)
    - Navasahityam Navasamskaram Dharakal, Dharanakal (Editor), Sahithy Publications, Thiruvananthapuram, ISBN: 978-93-89768-01-5
    - Lal C. A. and Vishnu Naryananan, Thoughts of our Times, Orient Blackswan, 2019
- Details of papers published by the faculty members of the department as chapters in books with details such as title of the paper, title of the book, editors, publisher, etc.
  - Anweshanapadhangal*, Sahithi Publication, Tvpm (ISBN: 978-81-940319-1-8)

- a. Mahatma Ayyankaliyude Sambhavanakal.
- b. Samkhakalassamoocham.
- c. Madhyama Malayalam.
- d. Gandhiji Malayalathil.
- e. Malayalassahithyam Keralam pirannathilppinne.
  - “Thekkanthiruvithamkoorinte Adhyathmika parisaram.” In the book *Thekkanthiruvithamkoor Bhasha, Sahithyam, Samskaram* (DLC/1/2000) Tvpm District Library Council.
  - Preface for the book *Pranayavum Malayalakavithayum*, Sahithi Publication, Tvpm (ISBN - 978-81-9403119-7-0)
  - Preface for the book *Akakkannuthurappikkan*, Sahithy Publication, Tvpm (ISBN - 978-81-940319-2-5)
  - “Thunchathezhuthachan : Navodhanathinte Udayakasam”. “Chattampiswamikalum Keralanavodhanavum.” “Mahathma Ayyankaliyude Sambhavanakal.” in the book *Keralanavodhanam Disayum Disabodhavum* by Mahathma Ayyankali Centre for Kerala Studies, Central University of Kewrala, (ISBN - 978-81-940319-6-3).
  - Preface to the drama book *Pallival*, Kurushetraporakashan (ISBN – 978-81-942117-0-9)
  - Preface to the collection of Malayalam short stories *Kalakam*, Sree Hari Book Publishers Group, Mavelikkara, (ISBN –9788192485355)
6. Details of papers/ abstracts published by the faculty members of the department in conference proceedings with ISBN, month/ year, indexing details if any etc.
  - Vasanthagopal, R, Service Quality of e-Governance Services through Common Service centres (CSQCSC) in India: A Study Using Structural Equation Modeling. Proceedings of the Special Collection. 12th International Conference on Theory and Practice of Electronic Governance at RMIT University, Melbourne, Australia — April 03 - 05, 2019.
  - Vasanthagopal, R, Performance Management System Effectiveness in India: A Case Study Using Confirmative Factor Analysis. 7th International Conference organized by SDMIMD, Mysore on Dec 14-15, 2019
7. Details of articles published by the faculty members of the department in scholarly magazines, bulletins or news papers.
  - Dr.A.M Unnikrishan, published more than 10 articles in Keralakaumudi Onam special and five in dailies such as Mathrubhmi, Malayala Manorama and Kerala kaumudi
8. No. of PhD theses awarded: 22
9. No. of PhD theses submitted:17
10. No. of M. Phil dissertations awarded:10
11. Students who cleared GATE/NET/SET etc: 2 nos.
12. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	Yes
2.	No. of books in stock as on Jan 1,2019	26083
3.	No. of books added this year	1085
4.	No. of offline journal subscribed	Nil
5.	No. of online journals subscribed	Nil
6.	No. of online books available	Nil
7.	Amount spent for purchase of books	600000

13. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/ workshop	No. of participants (Show foreign and outside state participants separately)
1	FDP on Financial Modelling	National	University of Kerala	Dec 16-20, 2019	Three (Outside state)
2	Women in India in Yesterday, Today and tomorrow	National	University of Kerala	2019	Six (Outside state)
3.	Major Trends and Changes in Indian Society and Culture	National	University of Kerala	2019	eight (Outside state)

4	Three-day National Workshop on Developing Content for Online Course on Functional English for Adult Learners	National	University of Kerala	14 to 16 January, 2019	seven (Outside state)
5	Teaching English in the Post method Era: Challenges, Possibilities and Solutions	International	University of Kerala and Alumni Association of SDE, IDEAA	14 to 16 January, 2019	Foreign: 5 Outside state: 20
6	Pravasi Sahithy ki Sanskritikupalabdhiyan	International	University of Kerala and Alumni Association of SDE, IDEAA	Nov 11-13, 2019	Outside state: six International: two

14. Steps taken to make the department differently abled friendly: Separate toilet and ramp facilities for differently abled students
15. Green initiatives/ waste management/ energy saving measures: Installed vending machine and incinerator at the washrooms of ladies.
16. Details of alumni association.

Sl. No	Details	
1.	Name of the association	IDEAA
2.	Registered or not	Not registered
3.	No. of meetings held this year	12
4.	No. of members added this year	8400
5.	Details of alumni contributions, including endowments, talks, donation etc	Contributed assets/equipments worth Rs.150000. Contributed Rs.150000 for organizing seminars Contributed Rs 25000 towards tuition fee of weaker students

17. Details of awards received by faculty/ staff/ students:

- Dr.A.M.Unnikrishnan received Aksharamudra Award by All India Malayalee Association (AIMA) for the outstanding contribution in the field of Literature.
- Dr.A.M.Unnikrishnan received Malayattur Award of Upasana Samskarikavedi, Thiruvananthapuram
- Dr.A.M.Unnikrishnan received Swarasandhya Sahithyapuraskaram 2019.

#### C. CONTRIBUTION AT INDIVIDUAL LEVEL

##### Name of faculty: Dr.R.Vasanthagopal

1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.: One
2. No. of papers published in other peer reviewed journals with ISSN etc.: Two
3. No. of papers/ abstracts published in conference proceedings with ISBN: Two
4. No. of presentations in conferences/ seminars (indicate oral/ poster): Two
5. No. of PhD theses awarded: Five

6. No. of PhD thesis submitted: Four
7. No. of MPhil dissertations awarded: Two
8. No. of workshops/FDPs/short term courses/ conferences attended: One
9. No. of foreign visits for academic purposes: One
10. Involvement in academic bodies as dean, academic council/ board of studies member etc.
  - Member Academic Council
  - Member (Bos -Pass) (University of Kerala)
  - Member (Bos-PG- Management) (University of Kerala)
  - Member (Bos-Pass, Mahatma Gandhi University, Kottayam)
  - Member (Bos, Maharaja College, Ernakulam)
  - Member (Bos, SH College, Thevara, Ernakulam)
11. Service as reviewer of journals/ seminar papers (give details):
  - Reviewer-Commerce and Management Explorer, International Journal of Social Science Research (ISSN 2230-9187)
  - Reviewer-Contemporary Commerce Review (ISSN 2319-3638)

- Reviewer-Managing the Future (ISSN 0975-0045)
  - Reviewer-International Journal of Trade, Economics and Finance (ISSN: 2010-023X)
  - Reviewer-Manthan- Journal of Commerce and Management (ISSN: 2347-4440)
12. Served as Chair/ member of committees/ boards/ councils/ commissions etc.

- Member, Technical Support Group, RUSA, Kerala

**Name of faculty: Dr. A M Unnikrishnan**

- No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.: One
- No. of papers published in other peer reviewed journals with ISSN etc.: Ten
- No of books edited/published With ISBN: Three
- No of papers published as chapters in books: Seven
- No of presentations in conferences/seminars (indicate oral/poster): 11
- No of articles published in scholarly magazines, bulletins or news papers: 15
- No. of PhD thesis awarded: Two
- No of PhD thesis submitted: Seven
- No of MPhil Dissertations awarded: Three
- No of workshops/FDPs/Short term courses/ conferences attended: Three
- Involvement in academic bodies as dean. Academic council member/board of studies member etc.:
- Member(senate, University of Kerala)
- Member, Board of Studies (PG), University of Kerala
- Member, Board of Studies (PG), Central University of Kerala, Kasagode
- Details of international/ national/ state awards/ recognitions received:
- Aksharamudra Award by All India Malayalee Association (AIMA) for the outstanding contribution in the field of Literature.
- Malayattur Award of Upasana Samskarikavedi, Thiruvananthapuram
- Swarasandhya Sahityapuraskaram 2019.

**Name of faculty: Dr. Balu. B**

1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. One
2. No. of PhD theses awarded : One
3. No. of PhD thesis submitted: Two
4. No. of MPhil dissertations awarded: One
5. Any other activities: Chairman of ten Degree and PG Examinations.

**Name of faculty: Dr. Indu K V**

1. No. of papers published in other peer reviewed journals with ISSN etc. :Two
2. No. of papers published as chapters in books :Two
3. No. of presentations in conferences/ seminars (indicate oral/ poster):Four

4. No. of MPhil dissertations awarded: One
5. No. of workshops/FDPs/short term courses/ conferences attended: Two
6. No. of foreign visits for academic purposes :One
7. Details of international/ national/ state awards/ recognitions received. 1.AIPC Janbhai puraskar at Tezpur, Assam on 23<sup>rd</sup> Nov 2019
8. Any other activities. Additional Charge- Warden Women's Hostel

**Name of faculty: Dr. Shaji A.**

1. No. of papers published in other peer reviewed journals with ISSN etc: Two
2. No. of presentations in conferences/ seminars (indicate oral/ poster): Two oral presentations
3. No. of PhD theses awarded: 3
4. No. of PhD thesis submitted: 2
5. No. of MPhil dissertations awarded: 2
6. No. of workshops/FDPs/short term courses/ conferences attended: 1
7. Involvement in academic bodies as dean, academic council/ board of studies member etc.: member- P.G Board of Studies, University of Kerala
8. Activities in clubs, associations, NSS etc NSS Programme Coordinator, University of Kerala

**Name of faculty: Dr. Sheeja S.R**

1. No. of papers published as chapters in books - 1
2. No. of presentations in conferences/ seminars (indicate oral/ poster)- 4 (oral)
3. No. of PhD theses awarded - 1
4. No. of PhD thesis submitted -1
5. No. of workshops/FDPs/short term courses/ conferences attended-5
6. Involvement in academic bodies as dean, academic council/ board of studies member etc.
  - Member IQAC, University of Kerala
  - Member -CIQA, SDE, University of Kerala
7. Service as reviewer of journals/ seminar papers (give details)
  - Editorial Board member of Asia-pacific Journal of Teaching for Higher Education (APJTHE)
8. Served as Chair/ member of committees/ boards/ councils/ commissions etc.
  - Chairman, Board of Examiners, BA Economics examination (Annual Schem), April 2019, University of Kerala
  - Board of Examiners, BA Economics examination (S<sub>3</sub> & S<sub>4</sub>), October 2019, University of Kerala,
  - Board of Examiners, BA Economics examination (Annual Schem), October 2019, University of Kerala,
  - Board of Examiners, MA Economics examination (S<sub>3</sub> & S<sub>4</sub>), December 2019, University of Kerala,
  - Board of Examiners, MA Economics examination (S1 & S2), 2019, University of Kerala
  - Chairman, Board of Evaluators of the Ph. D thesis (Open Defence Viva Voce Examination) in Economics submitted to MG University, Kottayam

- Convenor, Data compilation committee (Kerala University) for Times of India Survey of Universities for Ranking
- Data compilation committee for submitting Annual Quality Assurance Report (AQAR) 2018-19
- Coordinator, BA and MA Economics Programme, SDE
- Committee -8 (UGC-MHRD) NAAC Directorate, University of Kerala
- Member, IQAC team visit to Departments for NAAC Preparation and Data Collection
- IQAC Subcommittee for data compilation for Chancellors award
- Committee for evaluating the status of Research Centres under Kerala University
- Committee for the selection of Lecturer in Economics on contract basis at SDE
- Committee for Scrutiny and tabulation of applications submitted for faculty positions in Dept. of Library and Information Science
- 9. Activities in clubs, associations, NSS etc.
- Vice- President, Kerala Economic Association (KEA)
- Secretary, Kerala Economic Association (KEA) Trust
- Member, Pathanapuram- PunalurSauhrada Vedi

**Name of faculty: Dr Rajan T.K**

1. No. of presentations in conferences/ seminars (indicate oral/ poster):Two
2. No. of workshops/FDPs/short term courses/ conferences attended: One
3. Involvement in academic bodies as dean, academic council/ board of studies member etc.: PG Board member, MA Hindi, University of Kerala
4. Served as Chair/ member of committees/ boards/ councils/ commissions etc. :Two
- Secretary, Alumni Association,SDE.
- Executive Member, Hindi Sahithya Prathishta, Kochi.
5. Details of international/ national/ state awards/ recognitions received.
- AIPC Janbhai puraskar at Tezpur, Assam on 23<sup>rd</sup> Nov 2019

**Name of faculty: Lal C A**

- No. of book edited/ published with ISBN: One
- No. of papers published as chapters in books : Three
- No. of papers/ abstracts published in conference proceedings with ISBN: Nil
- No. of articles published in scholarly magazines, bulletins or news papers: Three
- No. of PhD thesis submitted: One
- No. of workshops/FDPs/short term courses/ conferences attended: One
- Involvement in academic bodies as dean, academic council/ board of studies member etc. :

- Member, Academic Committee for Equalancy Programme, Kerala State Literacy Mission
- Service as reviewer of journals/ seminar papers (give details)
- Associate Editor, Littcrit
- Reviewer of the *Journal of English Language Teachers Association of India*
- Public talks/ discussions over AIR/ television channels:
- Four radio talks in Yuvavani AIR

**Name of Faculty: Dr.Asha V**

1. No. of presentations in conferences/ seminars (indicate oral/ poster) - 1(Oral)
2. Involvement in academic bodies as dean, academic council/ board of studies member etc.
- Chairperson, Board of Studies(Pass) for Sociology, University of Kerala
- Member, PG Board of Studies, Sociology, University of Kerala
9. Member, Academic Council, CUSAT,
10. Member, Governing Council, Madras Institute of Development Studies, 2017-2019
- Service as reviewer of journals/ seminar papers (give details)
- Editor, DEK Researcher, National Journal published by SDE, University of Kerala.
- Served as Chair/ member of committees/ boards/ councils/ commissions etc.

Chairperson

1. Chairperson, Board of Examiners (Annual Scheme) for Sociology, University of Kerala
2. Chairperson, Board of Examiners (Semester Scheme for SDE) for Sociology, University of Kerala.
3. Chairperson, Board of Examiner (MA Sociology, S1 and S2) for Sociology, University of Kerala.
4. Chairperson, Board of Examiner (MA Sociology, S3 and S4) for Sociology, University of Kerala.
5. Coordinator, MA Sociology Programme
- Activities in clubs, associations, NSS etc.
- Member, Indian Sociological Society.
- Member, Kerala Sociological Society.
- Member Indian Council for Child Welfare.
- Member Kerala Child Welfare Council.
- Member, General Council SCERT Kerala.
- Vice Chairman, Gandhi Centre, Trivandrum, Kerala.

**Name of Faculty: Dr.Ajitha S**

1. No. of presentations in conferences/ seminars (indicate oral/ poster) - One(Oral)
2. No. of PhD theses awarded:One
3. No. of MPhil dissertations awarded:One
4. No. of workshops/FDPs/short term courses/ conferences attended:One week works shop on E-learning attended by IGNOU, New Delhi.
5. Any other activities:Public Relations Officer i/c

# SCHOOL OF EARTH SYSTEM SCIENCES

## DEPARTMENT OF GEOLOGY

Year of establishment:1963

Faculty of SCIENCE

### A. DEPARTMENT PROFILE

#### 1. Teaching Staff

Sl No	Name(in the order of seniority)	Gender	Qualifications	Designation
1	Dr. S.N.Kumar	M	M.Sc, Ph.D.	Professor
2	Dr. A.P.Pradeepkumar	M	M.Sc, PhD	Professor
3	Dr. R.B Binoj Kumar	M	M.Sc, Ph.D.	Associate Professor and Head
4	Dr. Rajesh Reghunath	M	M.Sc, Ph.D.	Associate Professor
5	Dr. E.Shaji	M	M.Sc, Ph.D.	Asst Professor
6	Dr. K.S.Sajin Kumar	M	M.Sc, Ph.D.	Asst Professor
7	Dr. Y. Anil Kumar	M	M.Sc, Ph.D.	Asst Professor

#### 2. Administrative staff - 7 nos. (M-4 nos., F 2 nos.)

#### 3. Programmes offered

Name of programme	strength		Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actual								
Masters (M.Sc Geology)	24	24	19	-	5	-	9			100
M.Phil (Geology)	13	6	4	-	2	1	2			100
PhD	40	37	21		8	-	-			
Post Doc	1									

#### 4.

### B. COMMON ACTIVITIES

- Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.
  - Anjana A.V. Panicker, S. N. Kumar and Manu Raj R (2019) Mineral Chemistry of Mafic Clots in Putteti Alkaline Suite, Kanyakumari District, Tamil Nadu, India. Bulletin of Pure and Applied Sciences-F- Geological Sciences, v.38F (1), pp.16-24.
  - Anjana A. V. P, Kumar S.N and Biju Longhinos (2019) Peperite occurrence in Putteti Alkaline Igneous Suite, Kanyakumari District, Tamil Nadu,

South India – What Geological Perceptions Does It Challenge? Geophysical Research Abstracts, Vol. 21, and Poster Presentation, European Geological Union, 019-10897, 2019

- Joice K. Joseph, K. G. Ambady, Karunakaran Akhil Dev, Edbert B. Hsu, A. P. Pradeepkumar 2019 Pilgrim Satisfaction in a Mass Religious Gathering: Study from Sabarimala Destination, Kerala State of India Journal of Religion and Health (Springer) <https://doi.org/10.1007/s10943-019-00814-w> (IF: 1.061).
- Abhisekha V.R and Binoj Kumar R.B., Groundwater quality assessment with the aid of multivariate statistical tools in Kallada River Basin, South Kerala, India. Pollution Research, Vol 37, Issue 1,

- 2018, Page No. (224-230), Scopus Indexed UGC-CARE List 14th June 2019 Serial No: 368, ISSN: 02578050, Scopus SJR Index = 0.11.
- Veena M Nair and Binoj Kumar R.B., Assessment of heavy metal concentration in river sediments along Vamanapuram river basin, South Kerala, India” Vol 18, No 2, 2019, Page No (593-597), Nature Environment and Pollution Technology Journal, Scopus Indexed UGC-CARE List 14th June 2019 Serial No: 348, ISSN: 09726268, Scopus SJR Index = 0.193
  - Achu A L., Rajesh Reghunath and Jobin Thomas. Mapping of groundwater recharge potential zones and identification of suitable site specific recharge mechanisms in a tropical river basin, Earth systems and Environment (Springer) Dec 2019.
  - Ashokan Laila Achu, C.D.Aju, Vipin Suresh, Thushara P. Manoharan and Rajesh Reghunath. Spatio-temporal analysis of road accident incidents and delineation of hotspots using geospatial tools in Thrissur District, Kerala, India, Journal of Cartography and Geographic Information (Springer), Nov 2019.
  - Aju C.D, Rajesh Reghunath, Prasannakumar.V and Subeesh Chandran. Terrain characteristics and their influence on the temporal behavior of hydraulic heads in Kallada river basin, Kerala state, India, Journal of the Geological Society of India (Springer), Vol.93, No.1, 61-67, 2019.
  - Shaji E, Sarath K V, Pranav Prakash, Adithya Pazhoor Abraham, Deepchand V, Kunhambu V and A P Pradeepkumar (in press) Tunnel wells – the traditional water harvesting structure of Kasaragod, Kerala: re-visited, Current Science (impact factor: 0.756)
  - Yu, B., Santosh, M., Li, S.S. and Shaji, E., 2019. Petrology, phase equilibria modelling, and in situ zircon and monazite geochronology of ultrahigh-temperature granulites from the khondalite belt of southern India. Lithos,348, p.105195. (impact factor:3.67)
  - Li, S.S., Palin, R.M., Santosh, M., Shaji, E. and Tsunogae, T., 2019. Extreme thermal metamorphism associated with Gondwana assembly: Evidence from sapphirine-bearing granulites of Rajapalayam, southern India. Geological Society of America Bulletin. (impact factor: 4.2)
  - Das, S., Shaji, E., Kumar, A.P. and Sooryanarayana, K.R., 2019. Proceedings of the Brain Storming Session on ‘Surface Water and Groundwater Resources of Kerala: Management Issues, Policies, Future Strategies’. Journal of the Geological Society of India, 94(4), pp.437-440. (impact factor: 0.632)
  - Hari, K.R., Shaji, E., Ganguly, S., Rajesh, V.J. and Santosh, M., 2019. Evolution of the Indian subcontinent: Introduction. Geological Journal, 54(5), pp.2755-2758. (impact factor: 2.02)
  - Kadowaki, H., Tsunogae, T., He, X.F., Santosh, M., Takamura, Y., Shaji, E. and Tsutsumi, Y., 2019. Pressure-temperature-time evolution of ultrahigh-temperature granulites from the Trivandrum Block, southern India: Implications for long-lived high-grade metamorphism. Geological Journal. (impact factor: 2.02)
  - Yang, Q.Y., Ganguly, S., Shaji, E., Dong, Y. and Nanda-Kumar, V., 2019. Extensional collapse of the Gondwana orogen: Evidence from Cambrian mafic magmatism in the Trivandrum Block, southern India. Geoscience Frontiers, 10(1), pp.263-284. (impact factor: 4.16)
  - Keerthy S., Vishnu C.L., Li S.S., Reshma N., Praveen M.N., Oommen T., Singh S.P., Sajinkumar K.S. (2019) Reconstructing the dimension of Dhala Impact Crater, Central India, through integrated geographic information system and geological records. Planetary and Space Science. <https://doi.org/10.1016/j.pss.2019.07.006>
  - Vishnu C.L., Sajinkumar K.S., Oommen T., Coffman R.A., Thri vikramji K., Rani V.R., Keerthy S. (2019) Satellite-based assessment of the August 2018 Flood in parts of Kerala, India. Geomatics, Natural Hazards and Risk. 10(1):758-767.
2. Details of book edited/ published by the faculty members of the department with title, ISBN, publisher, month/ year.
    - *Shaji E and Pradeepkumar AP Proc. of Nat. Seminar on Surface Water and Groundwater Resources of Kerala: Management Issues, Policies, Future Strategies, Dept of Geology, Univ of Kerala, India 15 March 2019 33p*
    - Sajinkumar KS (2019) കേരളത്തിലെ മണ്ണിടിച്ചിൽ - ഒരു വിവരണം. ജനപദം
    - *Sajinkumar KS (2019) മണ്ണിടഞ്ഞു മരണം പെയ്യുമ്പോൾ. മാതൃഭൂമി GK, 38-43 October*
  3. Details of papers/ abstracts published by the faculty members of the department in conference proceedings with ISBN, month/ year, indexing details if any etc.
    - *Oommen T, Sajinkumar K.S., Vishnu C.L., (2019) SAR-based assessment of 2018 Kerala Floods. AGU Fall Meeting 2019*
  4. No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any.)
    - a. NCESS, Ministry of Earth Sciences, Unravelling Submarine Groundwater Discharge (SGD) zones along the Indian subcontinent and its islands and its islands (Mission-SGD) – PILOT STUDY. March 2019, Rs 10 Lakhs
    - b. Kerala State Council for Science, Technology and Environment, GOVERNMENT OF KERALA, Principal investigator on a project on Source characterization and remediation of Arsenic contamination in groundwater resource of Kerala, June 2019, Rs 15 lakhs
    - c. Monitoring and Evaluation (M&E) study on the water resources of Kandallor, Alappuzha district, Thrikkadavoor, Kollam district and Kudavoor

village, Trivandrum district: A village adoption scheme of the University of Kerala, Plan fund of Govt of Kerala Rs 14 lakhs

- d. Granitoids in the Attappadi Valley and their role in building continental crust in the Early Earth. Kerala State Council for Science Technology and Environment (KSCSTE). Rs. 9,46,440/-. 2017-19 (Two years). Completed. PI: Sajin Kumar KS; Co-PI: Prof SN Kumar.
- e. A systematic study on the landslides on Valles Marineris using data of varying resolution and scales. ISRO. Rs. 18,51,300/- 2017-20 (Three

years). Ongoing. PI: Sajin Kumar KS; Co-PI: Prof Pradeepkumar AP

- f. 'Petrogenesis of Mafic & Ultramafic Rocks of Wayanad, Kannur and Kasargod districts, Kerala: implications for Archean Crustal Evolution and metallogeny Dr. ANIL KUMAR. Y KSCSTE, Govt of Kerala. Rs. 16, 88000/- 2 Years
5. No. of PhD theses awarded. **3**
6. No. of PhD theses submitted. **3**
7. No. of M. Phil dissertations awarded. **8**
8. No. of M. Phil dissertations submitted. **8**
9. Placement details of students.

Sl No	Name of student	Name of course	Designation	Name of the company	Annual Pay
1	Aravind	M.Sc	Geologist	PWD (TNPSC)	Rs. 5,20,000/-

10. Students who cleared GATE/NET/SET etc. 4 nos. (GATE 3 nos., NET 1)

11. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	Yes
2.	No. of books in stock as on Jan 1,2019	5180
3.	No. of books added this year	106
4.	No. of offline journal subscribed	1
5.	No. of online journals subscribed	nil
6.	No. of online books available	nil
7.	Amount spent for purchase of books	Rs. 3,52,227/-

12. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1	National Science day	National	IQAC	Feb 2019	50
2	National seminar on Surface and groundwater resources of Kerala	National	UOK, CTESS	March 2019	100
3	6 <sup>th</sup> National Workshop on 'Field Techniques in Geological Mapping'	National	University of Kerala	13-15 February 2019	50
4	PETROS 2019	National	University of Kerala	31 January to 2 February 2019	55
5	PETROS 3 <sup>rd</sup> Workshop	National	University of Kerala	November 19 to 21, 2019	60

13. Details of consultancy work active during the year.

Sl. No	Name of the project	Project Director	Sponsoring agency	Outlay	Duration
1	River banking mapping sand auditing in Mogral river, Kasargod.	Shaji E, Asst. Professor	Funded by ILDM, Revenue department, Govt of Kerala.	2 lakhs	Two year



14. Major equipments purchased during the year.

Sl. No	Name of the equipment	Cost	Source of fund	Purpose/ use
1	X-ray Fluorescence Spectrometer	EUR 106500	Plan fund (Development of Department -State Fund)	Chemical analysis
2	Katanax Electric Fused Bead	USD 28301	Plan fund (Development of Department -State Fund)	Sample preparation for XRF
3	Hydraulic Pellet Press	RS 7,40,579/-	Plan fund (Development of Department -State Fund)	Sample preparation for XRF
4	Olympus Trinocular Microscope	JPY785000/-	Plan fund (Development of Department -State Fund)	Microscopic study of rocks.
5	Double Disc Cutting and Grinding Machine	RS. 1,89,000/-	Plan fund (Development of Department -State Fund)	Thinsection Preparation
6	Flame Photometer	GBP14100	Plan fund (Development of Department -State Fund)	Water sample analysis
7	Automatic Weather Station	RS. 1753580/-	Plan fund (Development of Department -State Fund)	Weather monitoring

15. Details of community outreach programmes

- Gave public lectures in connection with world environment day, ozone day in various camps organized by affiliated colleges and panchayath
- Conducted a study on the water resources of Karakulam
- Panchayath, Trivandrum, under Praphudhatha scheme of KHEC.
- Participated in a panel discussion in "Varthamanakalam" of Dooradarshan on flood and climate change in Kerala
- Subject expert in translation of higher secondary text book.
- As subject expert to prepare the module for Higher Secondary School Teacher Transformation Programme.

*Prof John Gierke*

*Department of Geological and Mining Engineering and Sciences*

*Michigan Technological University, USA*

*Dr Thomas Oommen*

*Department of Geological and Mining Engineering and Sciences*

*Michigan Technological University, USA*

*Dr Chad Deering*

*Department of Geological and Mining Engineering and Sciences*

*Michigan Technological University, USA*

*Ms Heidi Stenner*

*Project Manager, Geohazards International, USA*

*Mr Kevin B Clahan*

*Principal Engineering Geologist, Lettis Consultants International, USA*

*Mr Hari Kumar*

*Regional Coordinator (South Asia), Geohazards International, India*

*Mr Lok Nath Behera*

*Director General of Police, Government of Kerala*

*Dr Masatsugu Takamatsu*

*Disaster Risk Management Consultant, World Bank, USA*

*Prof. Cees van Westen*

*University of Twente, The Netherlands*

*Prof Brian G Mcadoo*

*Yale-NUS College, Singapore*

*Ms Devashree Pillai*

*Environmental Consultant, UNEP*

*Ms Louis Schreyers*

*GIS Analyst, UNEP*

*Dr Rajeev S Nair*

*University of Calgary, USA*

**C. CONTRIBUTION AT INDIVIDUAL LEVEL**

**Name of faculty : Dr S N KUMAR**

- No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.- 2
- Anjana A.V. Panicker, **S.N. Kumar**, Manu Raj R. (2019) Mineral Chemistry of Mafic Clots in Putteti Alkaline Suite, Kanyakumari District,

Tamil Nadu, India, Bulletin of Pure and Applied Sciences, V.38 F (Geology), No.1, pp.16-24, ISSN 0970 4639.

- Anjana A. V. P, **Kumar S.N** and Biju Longhinos (2019) Peperite occurrence in Putteti Alkaline Igneous Suite, Kanyakumari District, Tamil Nadu, South India – What Geological Perceptions Does It Challenge? Geophysical Research Abstracts, Vol. 21, and Poster Presentation, European Geological Union, 019-10897, 2019
- 6. No. of papers/ abstracts published in conference proceedings with ISBN: **4**
- Manu Raj, R, Kumar, S. N. and Anjana A V Panicker(2019) Evidence of Late Proterozoic Multiphase Injections of Granitic Magmas in Nagamalai Area, Madurai Block, Tamil Nadu, South India.Organized by Centre for Applied Geology, The Gandhigram Rural Institute-Deemed to be University, Dindigal, 25-26, March 2019.
- Manu Raj, R and Kumar, S. N. (2019)Mineral Resources of Nagamalai-Pudukottai area, Madurai District, Tamil Nadu, India: An Integrated GIS-Field Study, Organized by Department of Geography, Kannur University, 23-25 Jan, 2019.
- Manu Raj, R and Kumar, S. N. (2019) Trace Element signatures in pyrite and pyrrhotite in the pegmatites associated with A-type granites of Madurai Block, Southern India., organized by Christ College Irinjalakuda (GEM-2019), 17-19 Jan, 2019.
- Manu Raj, R and Kumar, S. N. (2019) Do We Have Real Water Shortage in Kerala?National Seminar on ‘Water Resource Management and sustainable Development’organized by Department of Economics, University of Kerala, 06-08 Feb, 2019.
- 7. No. of presentations in conferences/ seminars (indicate oral/ poster): **4**
- 8. No. of PhD thesis submitted: **1 (ONE)**
- 9. Any other activities:
  - Actively involved in the work of UG/PG Online Admission Committee and CSS Admission Committee
  - Convenor of Short Term Course in Disaster Management organized by UGC-HRD, University of Kerala, for College and University Teachers
  - Resource Person for Refresher Courses organized by UGC-HRD, University of Kerala, for College and University Teachers
  - Provided Field Guidance to participants of 3 workshops organized by the Department of Geology, University of Kerala
  - Resource Person for Syllabus Revision ( for M.Sc. Geology) Workshops organized by University of Kerala and Mahatma Gandhi University.

**Name of faculty: A.P.PRADEEPKUMAR**

1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. **1**
2. No. of book edited/ published with ISBN **1**

3. No. of papers/ abstracts published in conference proceedings with ISBN **1**
4. No. of PhD theses awarded **1**
5. No. of MPhil dissertations awarded **2**
6. Involvement in academic bodies as dean, academic council/ board of studies member etc. Pg Bos Chairman Geology, Univ Of Kerala
7. Service as reviewer of journals/ seminar papers (give details)
  - KSCSTE Science Congress 2020 Reviewer, Spatial Information Research Associate Editor and Reviewer (Springer)
8. Any other activities.
  - President of NGO ‘Charitable Society for Humanitarian Action and Emergency Response Training’

**Name of faculty: DR. R.B. BINOJ KUMAR**

1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. **2**
  - Abhisekha V.R and Binoj Kumar R.B., Groundwater quality assessment with the aid of multivariate statistical tools in Kallada River Basin, South Kerala, India. Pollution Research, Vol 37, Issue 1, 2018, Page No. (224-230), Scopus Indexed UGC-CARE List 14th June 2019 Serial No: 368, ISSN: 02578050, Scopus SJR Index = 0.11
  - Veena M Nair and Binoj Kumar R.B., Assessment of heavy metal concentration in river sediments along Vamanapuram river basin, South Kerala, India” Vol 18, No 2, 2019, Page No (593-597), Nature Environment and Pollution Technology Journal, Scopus Indexed UGC-CARE List 14th June 2019 Serial No: 348, ISSN: 09726268, Scopus SJR Index = 0.193
2. No. of papers/ abstracts published in conference proceedings with ISBN - **3**
3. No. of presentations in conferences/ seminars (indicate oral/ poster) - **3**
4. No. of PhD theses awarded - **2**
5. No. of PhD thesis submitted
6. No. of MPhil dissertations awarded - **2**
7. Involvement in academic bodies as dean, academic council/ board of studies member etc.-
  - Academic Council, Member
  - Faculty of Science, Member
  - PG Board of studies, Member
  - Internal Quality Assurance Cell (IQAC), Member
  - Research Council, Member
  - Member, Academic Committee of Credit and Semester System
  - Member, Admission Committee
  - Convener, Committee for Institution of Eminence (IoE)
  - Convener, Kerala Governors Tri-monthly Report Committee

- Convener, Chancellors Award data compilation committee
- Member, University level Advisory Committee of NSS
- Subject Expert, Screening Committee, Directorate of Collegiate education.
- Subject Expert, Kerala Public Service Commission (KPSC).
- Subject Expert, Evaluation committee, National Center for Earth Science Studies (NCESS), Government of India.
- Convener of the National Children's Science Congress Exhibition – University of Kerala Pavilion

**Name of faculty: Dr.Rajesh Reghunath**

1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. : 3
2. No. of presentations in conferences/ seminars (indicate oral/ poster): One - Oral
3. No. of PhD thesis submitted - One
4. Involvement in academic bodies as dean, academic council/ board of studies member etc. : Chairman, BoE, IUCCIST
5. Service as reviewer of journals/ seminar papers (give details): Two
6. Served as Chair/ member of committees/ boards/ councils/ commissions etc. : One
7. Any other activities.:
  - Prepared an action plan and successfully implemented two rain water harvesting and artificial recharging of groundwater projects at two locations in the Karyavattom campus with the help of Campus administration and State Ground Water Department.
  - Jointly prepared an action plan for the rejuvenation of groundwater resources in the Palayam campus.
  - Prepared an action plan for the rejuvenation of Haimavathy Pond and a Valkinar in Karyavattom campus

Participated in the Photography Exhibition organized by Trivandrum Photographers Forum conducted at Museum Auditorium, Trivandrum.

**C. CONTRIBUTION AT INDIVIDUAL LEVEL**

**Name of faculty: Shaji E, Assistant Professor**

1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.
- Shaji E, Sarath K V, Pranav Prakash, Adithya Pazhoor Abraham, Deepchand V, Kunhambu V and A P Pradeepkumar (in press) Tunnel wells – the traditional water harvesting structure of Kasaragod, Kerala: re-visited, Current Science (impact factor: 0.756)
- Yu, B., Santosh, M., Li, S.S. and Shaji, E., 2019. Petrology, phase equilibria modelling, and in situ zircon and monazite geochronology of ultrahigh-temperature granulites from the khondalite belt

of southern India. Lithos,348, p.105195. (impact factor:3.67)

- Li, S.S., Palin, R.M., Santosh, M., Shaji, E. and Tsunogae, T., 2019. Extreme thermal metamorphism associated with Gondwana assembly: Evidence from sapphirine-bearing granulites of Rajapalayam, southern India. Geological Society of America Bulletin. (impact factor: 4.2)
- Das, S., Shaji, E., Kumar, A.P. and Sooryanarayana, K.R., 2019. Proceedings of the Brain Storming Session on 'Surface Water and Groundwater Resources of Kerala: Management Issues, Policies, Future Strategies'. Journal of the Geological Society of India, 94(4), pp.437-440. (impact factor: 0.632)
- Hari, K.R., Shaji, E., Ganguly, S., Rajesh, V.J. and Santosh, M., 2019. Evolution of the Indian subcontinent: Introduction. Geological Journal, 54(5), pp.2755-2758. (impact factor: 2.02)
- Kadowaki, H., Tsunogae, T., He, X.F., Santosh, M., Takamura, Y., Shaji, E. and Tsutsumi, Y., 2019. Pressure-temperature-time evolution of ultrahigh-temperature granulites from the Trivandrum Block, southern India: Implications for long-lived high-grade metamorphism. Geological Journal. (impact factor: 2.02)
- Yang, Q.Y., Ganguly, S., Shaji, E., Dong, Y. and Nanda-Kumar, V., 2019. Extensional collapse of the Gondwana orogen: Evidence from Cambrian mafic magmatism in the Trivandrum Block, southern India. Geoscience Frontiers, 10(1), pp.263-284. (impact factor: 4.16)

2. No. of presentations in conferences/ seminars (indicate oral/ poster)

One international conference, Oral presentation in World Forum on Climate Justice 2019 held July 2019 at Glasgow Caledonian University, Glasgow, Scotland, U K, titled 'Kerala Deluge of 18': A geo-climatological analyses from India'

Oral presentation on climate resilient green infrastructure for Trivandrum city, at Institute of engineer's conference on 27<sup>th</sup> Nov 2019 at Trivandrum

Oral presentation on Groundwater quality of Kerala: a critical analysis, On Two dates All India seminar IEI and NABARD at Trivandrum on Sept 2019.

3. No. of articles published in scholarly magazines, bulletins or news papers.

Two article published in Janapdham, monthly of Govt of Kerala on climate change in Kerala (duritha peythu keralathodu parayunnathu), One article in student's magazine.

4. No. of PhD theses awarded - 1
5. No. of MPhil dissertations awarded - 1
6. No. of workshops/FDPs/short term courses/ conferences attended

One, 3 days workshop organized by UGC at IISC Bangalore

7. No. of foreign visits for academic purposes

One, attended international conference at Glasgow, UK

8. Involvement in academic bodies as dean, academic council/ board of studies member etc.

Academic council member and board of studies member (pass) Geology, Geography.

9. Service as reviewer of journals/ seminar papers (give details)

Associate editor, Geoscience Frontiers ( Elsevier Journal), reviewer of Journal of Asian earth science, Gondwana research Etc.

10. Public talks/ discussions over AIR/ television channels

Participated in a panel discussion in “Varthamanakalam” of Dooradarshan on flood and climate change in Kerala

Participated in Kairali TV and News 18 channel for discussions on various climate related issues.

**Name of faculty: Dr. Sajin Kumar K.S.**

10. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. Two

11. No. of papers/ abstracts published in conference proceedings with ISBN One

12. No. of presentations in conferences/ seminars (indicate oral/ poster) Five (Oral)

13. No. of articles published in scholarly magazines, bulletins or news papers. Two

14. No. of PhD thesis submitted: One

15. No. of MPhil dissertations awarded: One

16. Involvement in academic bodies as dean, academic council/ board of studies member etc. Board of Studies (Pass) Geography

17. Service as reviewer of journals/ seminar papers (give details) Reviewer for 8 journals (Web of Science) and Reviewer for Kerala Science Congress

18. Public talks/ discussions over AIR/ television channels: Malayala Manorama, Mathrubhumi and Amritha Channel

19. Any other activities.

- Dr Sajin Kumar KS acted as a panelist in the Special Conclave on ‘Sociological Perspectives in Disaster Risk Reduction’ organized in the 45<sup>th</sup> All India Sociological Conference held at Thiruvananthapuram, 27-29 December 2019

- Dr Sajin Kumar KS delivered a talk on “Earth: Its journey through space and time” for the participants of 5-day DST Residential Science Camp at St. Mary’s College, Sulthan Bathery, Wayanad on 20<sup>th</sup> December 2019

- Dr Sajin Kumar KS assisted the State Council for Education Research and Training for a developing a module for the transformation of Higher Secondary teachers. 12-15 December 2019, Vadakkara, Kerala.

- Dr Sajin Kumar KS assisted the State Council for Education Research and Training for a

developing a module for the transformation of Higher Secondary teachers. 22-25 October 2019, Kottayam, Kerala.

- Dr Sajin Kumar KS assisted the US Consulate team represented by Michigan Technological University and University of Washington, in developing a curriculum for MSc in Disaster Management for the Tata Institute of Social Sciences, Mumbai. 20-23 August 2019, Mumbai, India.

- Dr Sajin Kumar KS delivered a talk on “Earth: Its journey through space and time” to the Students’ of the Sivagiri Higher Secondary School, Varkala, Thiruvananthapuram on 16<sup>th</sup> August 2019

- Dr Sajin Kumar KS delivered a talk on “Landslides of Kerala” to the Students’ Police Cadets of the Government Higher Secondary School, Punnamoodu, Thiruvananthapuram on 12<sup>th</sup> August 2019

- Dr Sajin Kumar KS delivered a talk on “Earth: Its journey through space and time” to the Students’ Police Cadets of the Government Higher Secondary School, Punnamoodu, Thiruvananthapuram on 3<sup>rd</sup> August 2019

- Dr Sajin Kumar KS delivered a talk on “Delineating water pixels from microwave data” to the students of Master of Public Health, Achutha Menon Centre for Health Science Studies, Sree Chithira Thirunal Institute of Medical Sciences, Thiruvananthapuram on 17<sup>th</sup> July 2019

- Dr Sajin Kumar KS delivered a talk on “Earth: Its journey through space and time” to the participants of the 2019 Summer School, UGC HRDC, Thiruvananthapuram on 15<sup>th</sup> July 2019

- Dr Sajin Kumar KS delivered a talk on “Earth: Its journey through space and time” to the participants of the Refresher Course on Life Sciences, UGC HRDC, Thiruvananthapuram on 12<sup>th</sup> July 2019

- Dr Sajin Kumar KS delivered a talk on “Earth: Its journey through space and time” as part of the induction program for MSc Biochemistry students, University of Kerala on 25<sup>th</sup> June 2019

- Dr Sajin Kumar KS delivered a talk on “Earth: Its journey through space and time” to the participants of the Orientation Course, UGC HRDC, Thiruvananthapuram on 24<sup>th</sup> June 2019

- Dr Sajin Kumar KS delivered a keynote address on ‘Landslides’ for the participants of Training Course on ‘Climate Change, Hill area development and landslides management’, organized combinedly by National Institute of Disaster Management, New Delhi and Kerala State Disaster Management Authority, Thiruvananthapuram on 10<sup>th</sup> June 2019

- Dr Sajin Kumar KS chaired a session in the National Seminar on ‘Environment Status of Estuarine and Coastal Ecosystem in India’ organized by Department of Environmental Sciences, University of Kerala on 15 March 2019.

- Dr Sajin Kumar KS chaired a session in the National seminar on ‘Surface water and groundwater resources of Kerala: Management issues, policies, future strategies’ jointly organized by Department of Geology, University of Kerala and Geological Society of India, Bangalore on 15 March 2019.
- Dr Sajin Kumar KS acted as a resource person and delivered an invited talk on ‘Use of remote sensing in the study of floods: A case study on 2018 Kerala Floods’ organized by Department of Zoology, University College and its alumni association (UNIZOA), Thiruvananthapuram on 2<sup>nd</sup> March 2019
- Dr Sajin Kumar KS inaugurated the association day of the Department of Physics, St Junes College Thoothoor, Kanyakumari district and delivered the inaugural address, ‘The Earth: Its journey through space and time’ on 26<sup>th</sup> February 2019.
- Dr Sajin Kumar KS delivered a keynote address on “Landslides of Kerala” in the Symposium on ‘Landslides in Kerala 2018’ organized by College of Engineering Munnar and IEEE HAC on 23<sup>rd</sup> February 2019
- Dr Sajin Kumar KS delivered a keynote address on “Visualizing the 2018 flood from satellite” in the National Seminar on ‘Sustainable Development through Biodiversity Conservation’ organized by St Thomas College Ranni on 22<sup>nd</sup> February 2019
- Dr Sajin Kumar KS delivered a keynote address on “Picturing 2018 flood of central Kerala, India, through satellite” in the “TRENDZ Seminar Series 2019’ organized by Department of Geology, Sree Narayana College Varkala on 31<sup>st</sup> January 2019
- Dr Sajin Kumar KS delivered a talk on “Earth: Its journey through space and time” to the participants of the Orientation Course, UGC HRDC, Thiruvananthapuram on 23<sup>rd</sup> January 2019
- Dr Sajin Kumar KS delivered a keynote address on “Visualizing 2018 flood of central Kerala, India, through satellite” in the ‘2<sup>nd</sup> International Conference on Geology: Emerging Methods and Application (GEM-2019)’ organized by Department of Geology and Environmental Science, Christ College Irinjalakuda on 19<sup>th</sup> January 2019
- Dr Sajin Kumar KS delivered a keynote address on “Visualizing recent floods through satellite” in the Two Day National Seminar on ‘Coastal Hydrogeology, Hydro-informatics and Water Resource Management’ organized by Department of Post-Graduate Studies and Research in Geology, Government College Kasaragod on 4<sup>th</sup> January 2019

**Name of faculty: Dr. ANIL KUMAR. Y**

20. No. of papers/ abstracts published in conference proceedings with ISBN: 2
21. No. of presentations in conferences/ seminars (indicate oral/ poster): 2
22. No. of M.Phil. dissertations awarded: 1
23. No. of workshops/FDPs/short term courses/ conferences attended: 4
24. Service as reviewer of journals/ seminar papers (give details): as reviewer in one journal
25. Served as Chair/ member of committees/ boards/ councils/ commissions etc.: as member in 2 committees
26. Activities in clubs, associations, NSS etc: Student Club called Bhouma organized various talks and cultural programmes.
27. Public talks/ discussions over AIR/ television channels: Submitted a Malayalam article in Malayala Manorama to publish it in science related column.

# DEPARTMENT OF ENVIRONMENTAL SCIENCES

Year of Establishment:1996

Faculty of Faculty of Applied Science & Technology

## A. DEPARTMENT PROFILE

### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Dr. Sabu Joseph	M	M.Sc.; Ph.D.	Professor & Head
2	Dr. V. SalomGnanaThanga	F	M.Sc.; Ph.D.	Professor
3	Dr. D.S. Jaya	F	M.Sc.; Ph.D.	Professor
4	S.S. Navami	F	M.Sc., M.Phil.	Contract lecturer
5	Dr. R. Bindhya	F	M.Sc.; Ph.D.	Contract lecturer

### 2. Administrative staff - 5 Nos. (F)

### 3. Programmes offered

Name of programme	strength Sanctioned(Including marginal increase) Actual	Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
Masters (M.Sc)	12	9	--	3	1	5	-	-	100
M.Phil	9	9	--	5	--	1	-	-	100
Ph.D	15	12	--	3	--	9	--	--	NA
Post Doc	3	2	--	1	-	2	-	--	NA

## B. COMMON ACTIVITIES

### 1. 2.Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc

- SonuSasidharan and **Jaya D.S.** (2019). Spatio-temporal changes in bacteriological quality of groundwater in the vicinity of Kadinamkulam Lake, South India. *Research Journal of Chemistry and Environment*, 23 (12): 50-54. Print ISSN:0972-0626 (SCI, I.F: 0.636)
- Rohini,P and **Jaya D.S.** (2019). Evaluation of Heavy metal pollution in sea water and sediments of Mahatma Gandhi beach area in Kollam coast, South India. *Journal of Environmental Research And Development*,14 (1): 321-330. E ISSN : 2319-5983 (R.G., I.F: 0.38).
- Michael Slinger, Andrea Germandi, Sheela A Mosses, **Sabu Joseph** (2019). Recreation and environmental quality of tropical wetlands: A social media based spatial analysis. *Tourism Management*. (Elsevier) 71 179-186. <https://doi.org/10.1016/j.tourman.2018.10.018> (IF=6.012, Scopus indexed).
- Keerthi.A.T., SubburamuKarthikeyan and Salom GnanaThanga.V. 2019. Occurrence and microbial

degradation of fipronil residues in tropical highland rhizosphere soils of Kerala, India. *Soil and Sediment Contamination*. 28(4): 360-379. <https://doi.org/10.1080/15320383.2019.1578336> (Taylor & Francis; 2018 IF:0.992).

### 2. Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol. No., month/year etc.

- T.G Madhuri, **Jaya DivakaranSarasamma** (2019). Comparative study of antimicrobial activities of three tropical fruits in Southern India. *Biodiversity Int J*. 2019; 3(5):182-186. E ISSN: 2575-906X. DOI:10.15406/bij.2019.03.00144
- Anitha, J.K and SabuJoseph (2019). Assessment of Uranium in the Groundwater along Neendakara-Kayamkulam Belt, Southwest Coast of India. *Ecology, Environment and Conservation*, V.2, 686-690 (Scopus indexed).
- Meera.R.Nair, Salom GnanaThanga.V. and Sobha.V. 2019. Effect of Agricultural practices on the water quality of Neyyar and Aruvikkara Reservoir, Thiruvananthapuram District, Kerala. *EcoChronicle*, 14(2): 121-132.

3. **Details of book edited/ published by the faculty members of the department with title, ISBN, publisher, month/ year.**
  - Environmental Status of Estuarine and Coastal Ecosystems in India; ISBN: 9789353469269 (Editors: Junaid Hassan and Salom GnanaThanga.V.)
  - Advances in Earth and Environmental Sciences; ISBN :978-93-5391-221-5 (Editors: Salom GnanaThanga.V and Prince S.Godson)
4. **Details of papers published by the faculty members of the department as chapters in books with details such as title of the paper, title of the book, editors, publisher, etc.**
  - Contributed a research paper on “Marine pollution and its impacts” in the Handbook “National workshop on Experiential learning with Indian educators on marine debris a Dr. Katherine A. Owens and Jaya D.S. (in June 11, 2019).
5. **Details of papers/ abstracts published by the faculty members of the department in conference proceedings with ISBN, month/ year, indexing details if any etc.**
  - Parvathy, G and Jaya D.S. Evaluation of Water Quality status of Parvathyputhanar canal, Thiruvananthapuram, Kerala, South India, In: Abstracts, 31<sup>st</sup> Kerala Science Congress held at Fatima College, Kollam from 2-3<sup>rd</sup> Feb. 2019.p.
  - Soumya K and Jaya D.S. An appraisal on the anticipated performance index of plants in the surroundings of Malabar Cements Limited, Palakkad, South India. In: Proceedings of the “International Conference on Air Pollution and Monitoring” held at School of Environmental Sciences, Mahatma Gandhi University, Kottayam, Kerala during 9-11, March 2019.
  - AdithyaS.Suresh and Jaya D.S. Assessment of Biochemical Constituents and Heavy metal Accumulation in *Rastrelligerkanagurta* and *Metapeneusdobsoniof* Kollam Coast, South India. In: Proceedings of the International Seminar on “Blue growth initiative: Sustainable fishery Development strategies and Advanced Technologies for Aquaculture” held on 7- 9<sup>th</sup> August 2019 at Fatima College, Kollam.
  - Sukanya, S. and Sabu Joseph (2019). Hydrochemical characterisation of Karamanariver with emphasis on its coastal stretch in Thiruvananthapuram, South west coast of India. National Seminar on Environmental Status of Estuarine and Coastal Ecosystems in India (ECEI-2019) Proceedings. Eds. Junaid Hassan, S., Salom Gnana Thanga, V. ISBN: 9789353469269.
  - Sukanya, S., Sabu Joseph and Noble Jacob (2019). Radon distribution and appraisal of its radiation dose in the groundwater of a small tropical river basin, Kerala, India. 5<sup>th</sup> International Symposium on the System of Radiological Protection (17<sup>th</sup>-21<sup>st</sup> November 2019), Adelaide (Abstract will be published in Annals of the ICRP journal’s (Scopus indexed/UGC CARE list journal) special proceedings issue 2019)
- Vishnu Sagar M.K, Arunkumar P.S and Sabu Joseph (2019). Nutrient Dynamics and pollution status of Sasthamkotta Lake, A Ramsar site in Kerala, South West coast of India. ICSSR Sponsored National seminar on Technology for environmental sustainability, socio-Economic Responsibility and Associated Entrepreneurial Opportunities in 21<sup>st</sup> Century (March 8-9 2019). Proceedings ISBN: 9789385329449.
- Joseph Sabu, Jacob Noble and Sukanya S (2019). Factors controlling the Radon distribution in Ground water of a small tropical Mountainous River basin, South west India. International Symposium on Isotope Hydrology: Advancing the Understanding of water cycle process, IAEA, Vienna, Austria.
- Vishnu Sagar M.K, Sabu Joseph, Michael Sinclair, Andrea Ghermandi, Arunkumar P.S and A.M Sheela (2019). Ecosystem service valuation and water quality monitoring for sustainable management of a Ramsar wetland in Kerala, India. ESP 10 international conference, Leibniz university, Hannover Germany (22<sup>nd</sup> October).
- Keerthi.A.T., Subburamu Karthikeyan and Salom GnanaThanga V. 2019. Occurrence and microbial degradation of fipronil residues in tropical highland rhizosphere soils of Kerala, India. Soil and Sediment Contamination. 28(4): 360-379. <https://doi.org/10.1080/15320383.2019.1578336> (Taylor & Francis; 2018 IF:0.992)
- Meera.R.Nair, Salom GnanaThanga V. and Sobha.V. 2019. Effect of Agricultural practices on the water quality of Neyyar and Aruvikkara Reservoir, Thiruvananthapuram District, Kerala. EcoChronicle, 14(2): 121-132.
6. **Details of articles published by the faculty members of the department in scholarly magazines, bulletins or news papers.**
  - Salom GnanaThanga.V. 2019. World Environment Day. Dentcare, June 2019
  - Dr. Sabu Joseph. awareness article on flood disaster 2019 in Deepika Newspaper on 24/8/2019
7. **No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any.)**
  - Dr. Jaya, D.S. Project in collaboration with the Fulbright Nehru Fellow Prof.(Dr).Katharine A. Owens, Hartford University, USA in the project “Experiential Learning with Indian Educators: Collecting local data to share with politicians and scientists” (GRANT #NGS-55326E-19, Feb.2019) funded by National Geographic Society (MoU signed, 2019). (completed).
  - Dr. Sabu Joseph. Three years (2017-2019) major research project entitled “Environmental isotope investigation to assess the surface water-groundwater interactions in Karamana River Basin, Kerala with emphasis on water pollution at the lower reaches” from BRNS, BARC, Mumbai with a total amount of Rs. 27.191 lakhs. (Just completed)

- Dr. Sabu Joseph. Three years (2017-2020) Indo-Israel collaborative major research project funded by UGC, New Delhi on a topic entitled “Ecosystem service assessment and mapping for sustainable management of wetlands in Kerala, India” in association with Dr. Andrea Ghermandi, Department of Natural Resources and Environmental Management, University of Haifa, Israel with a total outlay of Rs. 65.0 lakhs. (ongoing)
- Dr. Sabu Joseph. One year (2019-2020) Rainwater recharging project at Amboory village funded by DOECC, Govt. of Kerala for 21.00 lakhs. (ongoing).
- Dr. V. Salom Gnana Thanga. Ministry of Environment, Forests and Climate Change,

Government of India sponsored Major Research Project on Diversity of benthic communities in Vembanad estuary from April 2017 to March 2020 (Budget Rs.28.38 lakhs) (ongoing : 2017 to 2020).

8. **Details of newsletters/ brochure/ bulletins/ published by the department.**
  - Two Bhoomika newsletters released
9. **No. of PhD theses awarded. 4**
10. **No. of PhD theses submitted. 2**
11. **No. of M. Phil dissertations awarded.6**
12. **Students who cleared GATE/NET/SET etc. - 7 (NET)**
13. **Details of Library books/ journals**

Sl. No	Details	
1.	Whether the library is automated	Yes
2.	No. of books in stock as on Jan 1,2019	2094
3.	No. of books added this year	84
4.	No. of offline journal subscribed	2
5.	No. of online journals subscribed	NIL
6.	No. of online books available	NIL
7.	Amount spend for purchase of books	211598/-

#### 14. No of funded projects active during the year:

(Project name, funding agency, total outlay)

- Project in collaboration with the Full bright Nehru Fellow Prof.(Dr).KatharineA.Owens, Hartford University, USA in the project “Experiential Learning with Indian Educators: Collecting local data to share with politicians and scientists” (GRANT #NGS-55326E-19, Feb.2019) funded by National Geographic Society (MoU signed, 2019).
- Three years major research project entitled “Environmental isotope investigation to assess the surface water-groundwater interactions in Karamana River Basin, Kerala with emphasis on water pollution at the lower reaches” from BRNS, BARC, Mumbai with a total amount of Rs. 27.191 lakhs.
- Three years Indo-Israel collaborative major research project funded by UGC, New Delhi on a topic entitled “Ecosystem service assessment and

mapping for sustainable management of wetlands in Kerala, India” in association with Dr. Andrea Ghermandi, Department of Natural Resources and Environmental Management, University of Haifa, Israel with a total outlay of Rs. 65.0 lakhs.

- One year Rainwater recharging project at Amboory village funded by DOECC, Govt. of Kerala for 21.00 lakhs.
  - Ministry of Environment, Forests and Climate Change, Government of India sponsored Major Research Project on Diversity of benthic communities in Vembanad estuary from April 2017 to March 2020 (Budget Rs.28.38 lakhs) (ongoing : 2017 to 2020)
15. **Details of international/ national conferences/ seminars/workshops organized by the department.**
  16. Major equipments purchased during the year.

Sl. No	Name of the equipment	Cost	Source of fund	Purpose/ use
1.	Invitrogen Mini Amp Plus Thermal Cycler ( PCR)	2,00,000	State Plan	DNA cloning, sequencing, genotyping

#### 17. Major developmental activity like construction etc.

Sl. No	Name of the activity	Cost	Source of fund	Purpose
	Two storey building attached to the groundfloor of new block	2.25 crores	Govt. of Kerala	For providing class rooms, Lab, library, seminar hall space in the dept.



**18. Details of syllabus revisions during the year (indicate major/minor)**

- A two days workshop on UG Syllabus Revision in Environmental Sciences Course in the Collages Affiliated to University of Kerala was conducted during 25-26 March 2019 with Dr. Sabu Joseph as Co-ordinator

**19. Details of community outreach programmes (Please give a brief description)**

- Prof.Dr.Jaya D.S, as co-ordinatororganised awareness classes in the“Paristhithikam (2019-20) programme” in four Govt. High schools of Thiruvananthapuram district during November and December 2019.
- Organized open house for school and college students on 26th February, 2019. 115 students visited the Departments of Geology and Environmental Sciences and learnt about various activities of the two departments.

**20. Adoption of villages/ colonies/ schools/ departments in colleges, if any with brief description.**

- The Dept. of Env. Sciences, conducted an innovative outreach programme - Village Adoption Programme - during 2019 under the ‘innovative programmes and research scheme’ of University of Kerala. This venture provided an opportunity for the faculty members, researchers and students of Dept. of Env. Sciences to work with the community at grass root level. The selected village is Amboori, located ~45 km SE of Thiruvananthapuram. This is an ecologically sensitive area, and is prone to natural disasters (landslides), and witnessed one of the worst landslides in 2001 which claimed 38 lives.
- The various activities conducted include making digital base maps of Amboori village like Administrative boundary map, soil map, slope map, landslide hazard zonation map at cadastral scale using GIS technology which will help to identify key development activities in terms of infrastructure and physical space, evolving blueprint of a Village Development Plan. The community was empowered for water conservation through establishing model rain water recharging structures at Public building and training the Haritha Karma Sena and Panchayath elected Members about domestic well recharging to solve the water crisis. Waste management is a big issue now a days faced by the society and we conducted one day awareness -cum - training programe to the Harida Karma Sena and Panchayath Members on biodegradable waste to energy management through establishing model bio pots. Bins were handed over to AmbooryPanchayath to collect plastic and other waste from market and schools. No plastic campaign was also done. Again, an awareness programme was conducted for the public at Amboory on disaster management with emphasis on landslide disaster and its preparedness. Again, Environmental auditing, Energy auditing and

Waste auditing of Amboorypanchayath was done in the form of M.Sc student projects.

- Further, in order to inculcate scientific temper among school children and to orient them for conservation and preservation of environment, a series of scientific lectures were conducted at St. Thomas HSS Amboory, particularly, in connection with World Water Day, Wetland day, Environment Day etc. Also conducted two days soft skill training programme for the selected 50 school students. The entire programme was a big success. The Panchayath President and Members of AmbooryPanchayath, the Principle and Staff of St.Thomas HSS Amboory provided all support for this programme.

**21. Steps taken to make the department differently abled friendly.**

- Ramps are available in the department to move the differently abled persons. Also wheel chair is available in the department.

**22. Green initiatives/ waste management/ energy saving measures.**

- **Plastic free campus:**
- Under the initiative of the Dept. of Env. Sciences 10 bins (size= 3x3x4 ft) were kept in strategic locations inside the campus to collect plastic bottles and other waste. Periodic cleaning of the bins are done under the initiative of the department of Env. Sciences
- Three Bins (green, yellow, blue) are kept inside the department to collect various categories of waste in the segregated form.
- Bio pot is placed in the department to convert biodegradable food waste to compost which can be used as a manure in the garden of the department.
- Steel plates and steel cups are used in the department for various functions like seminar, workshops and open defences etc.
- **Green landscaping with trees and plants:**
- The department developed a “**Butterfly garden**” in front of the department in 2019 funded by University of Kerala. It is an oval shaped garden with a perimeter of 100 ft. with a bamboo like fencing, and is considered as an important tool in the field of nature education and conservation. The garden helps to conserve the local butterfly fauna of 88 species and this is a great way to create public awareness on biodiversity conservation, while exposing the wonders of nature. A weather station was established inside this garden.
- Trees were planted in the premises of the dept. by Bhoomitrasena club.
- We set up experimental box type constructed wetland in the department based on an M.Phil project. On an experimental basis, we are developing box models (6x2x2 ft. size) for treating the waste water generated at household level. This will be useful for small hotels and houses on river and lake banks to treat their water before releasing into the water bodies particularly for Killiyar and karamana river in Trivandrum.

- The dept. submitted detailed project proposal to university for the landscaping of the front yard of the department which includes leisure park, amphitheatre, vertical garden etc.
- The department initiated timer based drip irrigation for watering the plants in the garden.
- Under the initiative of the department an Air quality monitoring station was established just opposite to the Golden Jubilee building of the campus with the funding and installation by the Kerala State Pollution Control Board.

### 23. Details of alumni association.

Sl. No	Details	
1.	Name of the association	Environmental Sciences Alumni Association (ENSAA)
2.	Registered or not	Not
3.	No. of meetings held this year	One
4.	No. of members added this year	18
5.	Details of alumni contributions, including endowments, talks, donation etc	Donation: Rs.4400/-

### 24. Details of eminent personalities visited in the department.

- Prof. (Dr.) Takashi Asaeda, Saitama University, Tokyo, Japan, Eminent Scholar visit, during 4-8 Feb. 2019.
- Erudite Scholar-in-residence programme of Dr.EricWolanski, Adjunct Professor, James Cook University, Australia funded by Kerala Higher Education Council during March, 2019 (10 days)
- **Dr.KatherineA.Owens, Hartford University, Full bright fellowship**

### 25. Details of awards received by faculty/ staff/ students.

- Dr. Salom Gnana Thanga Awarded Association of Commonwealth Universities (ACU) Blue Charter Fellowship for the year 2019.
- Smt. Meethu Mohan, Research scholar secured second position for Poster presentation of research paper titled “Assessment of Boron in soil sand irrigation water in the selected midland paddy fields of Kerala” in GRISAAS 2019 held at ICAR-National Academy of Agricultural Research management, Hyderabad.
- Mr. Vishnu Sagar M.K Research scholar secured best poster Award for National Seminar on Technology for environmental sustainability in Delhi University, March 2019
- Dr. Prince GodsonSecured first prize in in International Conference on current Immunological tools for biodiversity and status of Environmental Health. Annamali University, August 2019.

### 26. Other major achievements and activities, including invited lectures, interactions, get together etc.

- Department initiated one week internship programme for the 3<sup>rd</sup> semester M.Sc students during 13-20 September at Indian Rare Earths Ltd (IRE), Chavara, Kollam.
- Department initiated start up projects for the alumni students of the department with the funding of the university.

- As a part of the Village Adoption Programme at Amboory Village, the department organized two days environment and soft skill training programme for school students on 02-3 August 2019; one day awareness programme on solid waste management and landslide disaster management at Amboory on 05 September 2019. Also conducted a three months duration ((July-September) Environmental Auditing (includes waste auditing, water auditing and energy auditing) of Amboory village. Celebrated wetland day on Feb 2 and Environment day on June 5<sup>th</sup> at St. Thomas School, Amboory.
- The department celebrated Science Day by conducting four days (26 Feb.-1 March) programme. On 26<sup>th</sup> Open house for public, on 27<sup>th</sup> Three minutes presentation by Researchers, on 28<sup>th</sup> public talk by Dr. Padmalal, NCESS and on 1<sup>st</sup> March talk by Prof. K. P. Thrivikramaji.
- Invited talk by Dr. Jaya, D.S on “Environmental application of Biotechnology” as part of the Trendz seminar series at SriNaryana College, Sivagiri, Varkala, Kerala on 29<sup>th</sup> January, 2019.
- Invited talk by Dr. Salom Gnana Thanga in the National Conference on “Future trends in Marine Biotechnology FTMBT 2019” organized by the Centre for Marine Science and Technology, ManonmaniamSundaranar University, Tamil Nadu during 14<sup>th</sup> and 15<sup>th</sup> February, 2019.
- Invited talk by Dr. Jaya, D.S in the National seminar on the “Role of Higher Education Institutions in Sustainable Rebuilding of Post Flood Kerala” on 22<sup>nd</sup> February, 2019 at Sree Narayana Training College, Nedunganda, Varkala, Kerala
- Invited talk by Dr. Jaya, D.S in the Seminar on “Air Pollution” organized by Department of Chemistry, Sree Narayana College, Chanthanoor, Kerala on 21<sup>st</sup> June, 2019
- Invited talk by Dr. Salom Gnana Thanga in the National seminar on “Environmental protection and sustainability NSEPS-2019” on 19<sup>th</sup> August 2019 at SadakathullahAppa College, Tirunelveli, Tamil Nadu

- Dr.JayaD.S.served as speaker in the Panel discussion on "Environment management : Policies, Perspectives & Strategies" in the Pre-conference Conclave of 45<sup>th</sup> All India Sociological Conference held on 12<sup>th</sup> 2019, organised by Dept. of Sociology & Dept. of Environmental Sciences, University of Kerala.
  - Dr.Jaya D.S served as resource person of the technical class on "Water quality Assessment" for the officers of Soil survey and Soil Conservation Dept., Govt. of Kerala in the training programme conducted by ICAR- CTCRI, Sreekaryam in June 2019.
  - Dr.JayaD.S.delivered an invited lecture on "Science, Technology and Indian women" on 25<sup>th</sup> Feb. 2019 as part of Science Day celebrations organized by the Dept. of Education, University of Kerala.
  - Dr.Jaya D.S. delivered an invited lecture on "Air quality and its importance in Environmental Sustainability" in the National Seminar on "Social Intervention and Sustainable Development" from Jan 9-11, 2019 organized by Dept. of Sociology, University of Kerala.
  - Dr. Sabu joseph as panelist participated a Panel discussion on "Disaster management - Uniting for a Disaster Resilient Kerala" in association with U S consulate, Chennai and Centre for Public Policy Research in association with Dept. of Environmental Sciences, Political Science, and Sociology on 26<sup>th</sup> June 2019.
  - Dr.Sabu Joseph delivered an invited Lecture in a national seminar on Climate Change at St. John's college, Anchal during 19-20 Feb. 2019
  - Dr.Sabu Joseph delivered an invited talk at IBS, Technopark on Earth Day (April 22, 2019)
  - Dr.Sabu Joseph delivered a public talk at AmbooryPanchayath, Trivandrum District on Water Management on 5/9/2019.
  - Dr.Sabu Joseph delivered a public talk about flood disaster at Press Club, Trivandrum on 20/11/2019.
  - Dr.Sabu Joseph as Director of Finishing School, delivered a talk at Senate Chamber, University of Kerala in connection with the Induction Programme of PG students.
  - Dr.sabu Joseph delivered an invited lecture on Disaster Management at St. Thomas college, Chungathara, Malappuram dist. in connection with IQAC programme on 17/12/2019
- 27. Details of International/ National/ State awards/ recognitions received**
- Awarded Association of Commonwealth Universities (ACU) Blue Charter Fellowship for the year 2019 to Dr.V.alomGnana Thanga.
- 28. Important society chapters like IEEE, Aquatic association etc**
- Indian Ambassador for the Estuarine and Coastal Science Association, UK to Dr.V. Salom Gnana Thanga.
- 29. Details of online courses offered: NIL**

## C. CONTRIBUTION AT INDIVIDUAL LEVEL

**Name of faculty: Dr. Sabu Joseph**

- 1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.-1 No.**
  - Michael Slinger, Andrea Germandi, SheelaA Mosses, Sabu Joseph (2019). Recreation and environmental quality of tropical wetlands: A social media based spatial analysis. *Tourism Management*. (Elsevier) 71 179-186. <https://doi.org/10.1016/j.tourman.2018.10.018>(IF=6.012, Scopus indexed).
- 2. No. of papers published in other peer reviewed journals with ISSN etc.-1 No.**
  - Anitha, J.K and Sabu Joseph (2019). Assessment of Uranium in the Groundwater along Neendakara-Kayamkulam Belt, Southwest Coast of India. *Ecology, Environment and Conservation*, V.2, 686-690 (Scopus indexed).
- 3. No. of papers/ abstracts published in conference proceedings with ISBN :5 No.**
  - Sukanya, S. and Sabu Joseph (2019). Hydrochemical characterisation of Karamanariver with emphasis on its coastal stretch in Thiruvananthapuram, South west coast of India. *National Seminar on Environmental Status of Estuarine and Coastal Ecosystems in India (ECEI-2019) Proceedings*. Eds. Junaid Hassan, S., Salom Gnana Thanga, V. ISBN: 9789353469269.
  - Sukanya, S., Sabu Joseph and Noble Jacob (2019). Radon distribution and appraisal of its radiation dose in the groundwater of a small tropical river basin, Kerala, India. 5<sup>th</sup> International Symposium on the System of Radiological Protection (17<sup>th</sup>-21<sup>st</sup> November 2019), Adelaide (Abstract will be published in *Annals of the ICRP journal's* (Scopus indexed/UGC CARE list journal) special proceedings issue 2019)
  - Vishnu Sagar M.K, Arunkumar P.S and Sabu joseph (2019). Nutrient Dynamics and pollution status of Sasthamkotta Lake, A Ramsar site in Kerala, South West coast of India.ICSSR Sponsored National seminar on Technology for environmental sustainability, socio-Economic Responsibility and Associated Entrepreneurial Opportunities in 21<sup>st</sup> Century (March 8-9 2019). *Proceedings* ISBN: 9789385329449.
  - Joseph Sabu, Jacob Noble and Sukanya S (2019). Factors controlling the Radon distribution in Ground water of a small tropical Mountainous River basin, South west India. *International Symposium on Isotope Hydrology: Advancing the Understanding of water cycle process*, IAEA, Vienna, Austria.
  - Vishnu Sagar M.K, Sabu Joseph, Michael Sinclair, Andrea Ghermandi, Arunkumar PS and A.M Sheela (2019). Ecosystem service valuation and water quality monitoring for sustainable management of a Ramsar wetland in Kerala, India. ESP 10 international conference, Leibniz university, Hannover Germany (22<sup>nd</sup> October).

4. **No. of presentations in conferences/ seminars (indicate oral/ poster)** :Two international conference presentations.
  - Poster presentation on topic Isotope Hydrology in IAEA Headquarters Vienna, Austria during 20-24 May 2019.
  - Oral presentation on topic Ecosystem valuation in Hannover, Germany during 24-28 October, 2019
5. **No. of articles published in scholarly magazines, bulletins or news papers.**
  - One awareness article on flood disaster 2019 in Deepika Newspaper on 24/8/2019
  - Ongoing: 8 Nos. ongoing
  - 2 PDF (Kothari fellowship) ongoing
6. **No. of PhD thesis submitted:** one submitted
7. **No. of MPhil dissertations awarded:** Two dissertations awarded
8. **No. of workshops/FDPs/short term courses/ conferences attended**
  - As Organising Secretary, organised on UGC-ISF Indo-Israel project workshop at Kollam during 25-26 Feb. 2019
  - Participated CSE New Delhi's national knowledge conclave at AAETI, Rajasthan during 4-7 March 2019.
  - Participated in the international UGC-ISF project meeting in University of Haifa, Israel during 9-16 June 2019.
  - As Convenor, participated one day national seminar on Advances in Earth and Environmental Sciences, organised by School of Earth System Sciences on 20/9/2019.
  - Participated as Resource Person in one week training programme on Env. Challenges at CET, Trivandrum during 09-14, Dec. 2019.
9. **No. of foreign visits for academic purposes**
  - Poster presentation on topic Isotope Hydrology at an international conference in IAEA Headquarters Vienna, Austria during 20-24 May 2019.
  - Participated in the international UGC-ISF project meeting in University of Haifa, Israel during 9-16 June 2019.
  - Oral presentation on topic Ecosystem valuation in an international conference in Hannover, Germany during 24-28 October, 2019
10. **Involvement in academic bodies as dean, academic council/ board of studies member etc.**
  - Serving as Chairman, PG Board of Studies, Env. Sciences, Univ. of Kerala
  - Serving as Academic Council Member, and Research Council Member, Univ. of Kerala
  - Serving as Academic Council Member of Mar Ivanios College, Trivandrum.
  - Serving as Director, Finishing School, University of Kerala
  - Serving as Director, Consultancy Cell, University of Kerala
- Serving as Member, Innovative Council of University of Kerala
- Serving as Board of Studies Member in Pondicherry University; Christ College, Irringalakkuda; Karnataka State Open University (Mysore).
11. **Service as reviewer of journals/ seminar papers (give details)**
  - Editorial Board Member of Current World Environment Journal (ISI Journal). <http://www.cwejournal.org/about/editorial-board/>
  - Editorial Board Member of Pollution Research Journal,
  - Reviewer of Spatial Information Research (Springer Journal).
  - Reviewer of Groundwater for Sustainable Development (Elsevier Journal)
  - Geothermics (Elsevier)
12. **Served as Chair/ member of committees/ boards/ councils/ commissions etc.**
  - Serving as External Expert in Pollution Control Board for assessing the env. damage caused by hospital waste disposal in Kerala.
  - Serving as Technical Committee Member in Suchithwa Mission; Kerala State Biodiversity Board; Integrated Rural Technology Centre (IRTC), Palakkad.
  - As Faculty-in-charge, co-ordinating the consultancy work of water testing lab of the department.
  - Serving as External Expert in KSCSTE, Govt. of Kerala
  - Chairman, Question paper setter in Calicut University and Kannur University.
  - As Chairman, conducted two open defences at M.G. University and one Bharathiar University.
  - As subject expert in a selection committee to appoint an Asst. Professor at St. John's College, Anchal.
  - Served as external examiner to conduct viva voce exam for M.Sc Env. Sciences at All Saint's college, Trivandrum and St. John's college, Anchal.
  - Serving as Selection Committee Member in the SDG cell of Planning and Economic affairs, Govt. of Kerala
13. **Activities in clubs, associations, NSS etc**
  - As the President of PTA and Alumni Associations of Env. Sciences, conducted PTA meeting on 22 November, 2019 and Alumni and Merit day meet in 23 Novmeber 2019.
14. **Public talks/ discussions over AIR/ television channels**
  - Invited Lecture in a national seminar on Climate Change at St. John's college, Anchalduring 19-20 Feb. 2019
  - Invited talk at IBS, Technopark on Earth Day 2019
  - Public talk at AmbooryPanchayath, Trivandrum District on Water Management on 5/9/2019

- Public talk at St.Thomas HSS Amboory on World Env. Day celebrations.
- Public talk about Kerala flood disaster at Press Club, Trivandrum on 20/11/2019.
- As the Director of Finishing School, delivered a talk at Senate Chamber, University of Kerala in connection with the Induction Programme of PG students.
- Invited lecture on Disaster Management at St. Thomas college, Chungathara,
- Malappuram dist. in connection with IQAC programme on 17/12/2019
- As subject expert, participated discussion in Doordarsan Channel in connection with env. issues – on 14/5/2019 (water scarcity topic), 05/6/2019 (air pollution), 02/7/2019 (water scarcity), 19/8/2019 (flood).

#### 15. Any other activities.

- Coordinated and participated in the B.Sc Env. Sciences curriculum revision during 25-26 March, 2019.
- Coordinated innovative Village adoption programme at Amboory village, Trivandrum dist.
- Co-ordinated World wetland day celebrations at St.Thomas HSS Amboory.
- Coordinated World Env. Day celebrations at St.Thomas HSS Amboory.
- Coordinated workshop on Rainwater harvesting at Amboory village on 29/5/2019
- Coordinated workshop on waste management and disaster management at Amboory Village.
- Coordinated Science week “Sasthrayan” in the Dept. of Env. Sciences
- As Faculty –in-charge, co-ordinating the consultancy work of Pollution Control Board approved water testing lab of the department.
- Coordinated the Eminent Scholar visit, Prof. Asaida Takashi, Saitama University, Japan to University of Kerala during 4-8 Feb. 2019.
- Served as Panelist in the panel discussion on “Disaster Management” in association with U.S. Consulate Chennai and Washington University on 26/6/2109 at Dept. of Env. Sciences, Univ. of Kerala.
- Coordinated in establishing a Butterfly park in front of the Dept. of Env. Sciences
- Coordinated International Yoga Day observance in the Dept. of Env. Sciences on 21/7/2019
- Co-ordinated the publication of Bhoomika Newsletter from the Dept. of Env. Sciences
- As PI, conducting a three years major research project entitled “Environmental isotope investigation to assess the surface water-groundwater interactions in Karamana River Basin, Kerala with emphasis on water pollution at the lower reaches” from BRNS, BARC, Mumbai with a total amount of Rs. 27.191 lakhs.
- As Principal Investigator, conducting a three years Indo-Israel collaborative major research project funded by UGC, New Delhi on a topic entitled “Ecosystem service assessment and mapping for sustainable management of wetlands in Kerala, India” in association with Dr. Andrea Ghermandi, Department of Natural Resources and Environmental Management, University of Haifa, Israel with a total outlay of Rs. 65.0 lakhs.
- As Principal Investigator, just started a one year Rainwater recharging project at Amboory village funded by DOECC, Govt. of Kerala for 21.00 lakhs.
- As field guide, M.Sc Env. Science third semester students were taken to a one week field cum study tour to Ernakulam, Palakkad, Nilambur and from 14-19 December, 2019

#### Name of faculty: Dr.Jaya D.S.

- No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. : 2
- No. of papers published in other peer reviewed journals with ISSN etc.: 1
- No. of papers published as chapters in books : 1
- No. of papers/ abstracts published in conference proceedings with ISBN: 5
- No. of presentations/contributed in conferences/seminars (indicate oral/ poster): 4-(oral); 2 (poster)
- No. of PhD theses awarded:1
- No. of MPhil dissertations awarded: 2
- No. of workshops/FDPs/short term courses/ conferences attended: 3
- No. of foreign visits for academic purposes :-
- Involvement in academic bodies as dean, academic council/ board of studies member etc.:
  - As Dean, Faculty of Applied Sciences & Technology, University of Kerala attended Academic Council and Standing Committee meetings, Ph.D Open Viva-voce committee in the departments of Biotechnology, Bioinformatics & Computational Biology, Nanoscience & Nanotechnology, and Environmental Sciences.
  - Attended meetings as Member of Board of Studies in Environmental Sciences, University of Kerala.
  - Attended meetings as Member of Board of Studies in Environmental Sciences, Central University, Kasargode.
  - Attended BOS meetings as the Member of Board of Studies in Environmental Studies, ThunchathEzhuthachan Malayalam University, Tirur.

#### 18. Service as reviewer of journals/ seminar papers (give details): 1

- Reviewed the research paper (Ref.No.: IJEB/ REF/2018/EB180904-5) and sent the review report of the manuscript submitted in ‘Indian Journal of Experimental Biology’ in Feb. 2019.

#### 19. Served as Chair/ member of committees/ boards/ councils/ commissionsetc.

- Member, Research Advisory Committee on Ecology and Environment, KSCSTE, SastraBhavan, Thiruvananthapuram.

- Presiding Officer, Internal Complaints Committee (ICC), University of Kerala.

**20. Activities in clubs, associations, NSS etc:**

- Served as Treasurer, Environmental Science Alumni Association (ENSAA).

**21. Any other activities:**

- Mentor of the UGC Nehru Full bright Fellow Dr.KatharineA.Owens, from Hartford University, U.S.A. in the Dept. of Environmental Sciences, University of Kerala from 1-1-2019 to 30-06-2019.
- Conducted invited talks, group discussion and seminars as Faculty- in-charge of Students Skill Acquisition Club (SSAC) in the Department of Environmental Sciences.
- Served as faculty-in-charge of CHNS Analyser installed at CLIF, University of Kerala, Kariavattom campus.
- Evaluated the Ph.D theses (no. 6) submitted by candidates from Bharathidasan University, M.G University, Kottayam, Mysore University, Andhra University and Avinasalingham University, Coimbatore during 2019.
- Conducted M.Sc Environmental Sciences Viva-voce in the affiliated Colleges of University of Kerala in Sept. 2019.
- Chairperson of the Environmental Sciences Open defence Viva-voce on two Ph.D Theses in Environmental Sciences in Mahatma Gandhi University, Kottayam in Feb. 2019.

**III. Salom GnanaThanga.V.**

**Name of faculty: Salom GnanaThanga.V.**

1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. : 1
2. No. of papers published in other peer reviewed journals with ISSN etc.: 1
3. No. of book edited/ published with ISBN : 2
4. No. of papers/ abstracts published in conference proceedings with ISBN : 5
5. No. of presentations in conferences/ seminars (indicate oral/ poster) : 3 (oral)
6. No. of articles published in scholarly magazines, bulletins or news papers.: 1

7. No. of PhD theses awarded: 3
8. No. of PhD thesis submitted : 2
9. No. of MPhil dissertations awarded : 2
10. No. of workshops/FDPs/short term courses/ conferences attended: 3
11. No. of foreign visits for academic purposes : 1
12. Involvement in academic bodies as dean, academic council/ board of studies member etc.: Member, BOS in Environmental Sciences, Member, Faculty of Applied Sciences and Technology
13. Service as reviewer of journals/ seminar papers (give details): Reviewer for Wetland Ecology and Management (Springer) and PlosOne
14. Served as Chair/ member of committees/ boards/ councils/ commissions etc.:
  - Invited as Resource person for syllabus revision of M.Sc. Environmental Science in a workshop on “Syllabus restructuring of post graduate programme in Environmental Science and Management during 24th and 25th January, 2019 at School of Environmental Sciences, Mahatma Gandhi University, Kottayam
  - Member, selection committee for post of Assistant Professor in Central University of Karnataka
  - Member: Board of Studies in Environmental Sciences, University of Kerala
15. Activities in clubs, associations, NSS etc: Faculty-in-charge of Bhoomithrasena club
16. Details of international/ national/ state awards/ recognitions received: Association of Commonwealth Universities Blue Charter Fellowship 2019
17. 27. Any other activities.:
  - Lead Guest Editor for special issue on “Coastal Ecosystems of India” in the journal Wetland Ecology and Management (Springer)
  - Principal Investigator for Major research projects funded by Ministry of Environment, Forests and Climate Change (27 lakh rupees) and Kerala State Pollution Control Board (10 Lakh Rs).

**SCHOOL OF ENGLISH & FOREIGN LANGUAGES**  
**DEPARTMENT OF ARABIC**

**Year of establishment:2001**

**Faculty of Oriental Studies**

**A. DEPARTMENT PROFILE**

1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Dr. A S Thajudeen	M	M.Phil, Ph.D	Assistant Professor& Head
2	V Noushad	M	M.A, M.Phil	Assistant Professor

2. Administrative staff - 1 no. (F)
3. Programmes offered

Name of programme	strength		Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actual								
Masters (Ara-bic.....)	20	29	15	0	0	0	29		1	80
M.Phil (.Ara-bic.....)	1	0	0	0	0	0	0		0	-
PhD	9		1	0	0	0	9	0	0	-
Post Doc	0		0	0	0	0	0	0	0	-
Certificate Course in Commu-nicative Arabic	30	30	9	0	0	0	0	0	0	100
Diploma in Commu-nicative Arabic	15	15	9	0	0	0	0	0	0	-

#### B. COMMON ACTIVITIES

1. Journals, if any, published by the Dept. with ISSN, No of issues/year, index details, if any: Majalla Kairala ISSN 2277-2839
2. Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.

Dr. Thajudeen AS. 1 Majalla Kairala ISSN 2277-2839

Mr. Noushad V. 1 Majalla Kairala ISSN 2277-2839

3. No. of PhD theses submitted. 1
4. No. of M. Phil dissertations awarded. 1
5. No. of M. Phil dissertations submitted. 1
6. Placement details of students.

Sl No	Name of student	Name of course	Designation	Name of the company
1	Mohammed Ajmal Sha	MA Arabic	LPSA	Kerala Government
2	Saithalavi	Ph.D	UPSA	Kerala Government
3	Sheeja	MA	LPSA	Kerala Government
4	Fouzia	M.Phil	HSA	Kerala Government

7. Students who cleared GATE/NET/SET etc. - 8 nos. (TET)
8. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	No
2.	No. of books in stock as on Jan 1,2019	9044
3.	No. of books added this year	1280

4.	No. of offline journal subscribed	13
5.	No. of online journals subscribed	0
6.	No. of online books available	0
7.	Amount spend for purchase of books	47345

9. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
	Role of Value Based Education in Shaping Personality	International	University of Kerala	18-20 February 2019	
	International Conference on Teaching of Arabic Language to Non Native Speakers : Experiences and Futuristic Visions	International	University of Kerala	16-18 December 2019	Foreign Participants: 15

10. Details of alumni association.

Sl. No	Details	
1.	Name of the association	
2.	Registered or not	Not Registered
3.	No. of meetings held this year	2
4.	No. of members added this year	
5.	Details of alumni contributions, including endowments, talks, donation etc	

C. CONTRIBUTION AT INDIVIDUAL LEVEL

**Name of faculty: Dr. Thajudeen A.S.**

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.: 1</li> <li>2. No. of papers/ abstracts published in conference proceedings with ISBN: 1</li> <li>3. No. of PhD thesis submitted: 1</li> <li>4. No. of MPhil dissertations awarded: 1</li> <li>5. No. of workshops/FDPs/short term courses/ conferences attended: 3</li> <li>6. No. of foreign visits for academic purposes: 1</li> <li>7. Involvement in academic bodies as dean,</li> </ol> | <ol style="list-style-type: none"> <li>8. Service as reviewer of journals/ seminar papers (give details): Majalla Kairala</li> <li>9. Served as Chair/ member of committees/ boards/ councils/ commissions etc: Chair, PG Board of Arabic, Member of UG Board of Arabic</li> <li>10. Activities in clubs, associations, NSS etc: General Secretary, Kerala University Teachers organisation</li> <li>11. No. of workshops/FDPs/short term courses/ conferences attended: REFRESHER COURSE AT HRDC, UNIVERSITY OF KERALA</li> <li>12. Service as reviewer of journals/ seminar papers (give details): MAJALLA KAIRALA</li> </ol> |
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academic council/ board of studies member etc.:  
academic council member



# INSTITUTE OF ENGLISH

Year of Establishment: 1962

## Faculty of Arts

### A. Department Profile

#### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender (M/F/TG)	Qualifications (Highest two)	Designation
1.	Dr. B.S. Jamuna	Female	MA, M.Ed., PhD	Professor and Head
2.	Dr. B. Hariharan	Male	MPhil & PhD.	Professor
3.	Dr. Meena T. Pillai	Female	MA, PhD	Professor
4.	Dr. P.L. Suja Kurup	Female	MPhil & PhD	Professor
5.	Mr. Vishnu Narayanan	Male	MA, NET	Assistant Professor
6.	Dr. Lakshmi Sukumar	Female	MA, PhD	Assistant Professor
7.	Ms. V. Sangeetha	Female	MPhil & NET	Lecturer (On contract )

#### 2. Administrative staff - 5 nos. (4 F/1M)

#### 3. Programmes offered

Name of programme	strength	Female	TG	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanctioned (Including marginal increase)	Actual							
Masters (2019-2021)	30	29	27	5	1	10	Nil	Nil	
M.Phil (2019-2020)	13	13	12	2	--	4	Nil	Nil	
PhD – FT	16		16	1	--	5	Nil	Nil	
PGDEC	24		9				Nil	Nil	

### B. COMMON ACTIVITIES

#### 13. Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.

Dr. Meena T. Pillai, Professor :- “Camera Obscura’ to ‘Camera Dentata’: Women Directors and the Politics of Gender in Malayalam Cinema” - *Bioscope*(2019) a Sage Journal.

#### 14. Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.

Dr. Meena T. Pillai Published an article titled ‘Pervasive Toxicity of Caste’ in The Book Review, Vol XLIII (2019).

#### 15. Details of book edited/ published by the faculty members of the department with title, ISBN, publisher, month/ year.

Dr. B. Hariharan, Professor

- *Nation-Building, Education and Culture in India and Canada: Advances in Indo-Canadian Humanities and Social Sciences Research.* Ed. K. Gayithri, B. Hariharan and Suchorita Chattopadhyay. Singapore: Springer, 2019. ISBN 9789811367403
- *Sthreeyidangal: Arangukalkappuram.* Ed. B. Hariharan. National Book Stall: Kottayam. 2019. ISBN 9780000317155

Mr. Vishnu Narayanan, Assistant Professor:-

- *Thoughts of Our Time*, Name of the Publisher: Orient Blackswan

#### 16. Details of papers published by the faculty members of the department as chapters in books with details such as title of the paper, title of the book, editors, publisher, etc.:-

Dr. Meena T. Pillai, Professor:-

- A chapter titled “The Feudal Lord Reincarnate: Mohanlal and the Politics of Malayali Masculinity” by Dr. Meena T. Pillai was selected for publication in *Indian Film Stars*, Ed. Michael Lawrence to be brought out by British Film Institute and Palgrave Macmillan in 2019.
- A chapter titled “Nava Udareekaranathinte Kaalathe Cinimayile Saudaryavum Raashtrayavum” in *Chalachithra Saundarya Shasthram: Sankalppavum Saakshathkaaravum*. A Sheela Kumari ed. Kalady: SSUS, 2019.

**17. No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any):-**

UGC SAP DRS II (2015-2020) Dr. B. Hariharan, Coordinator

Grants Received: Rs 40,39,715/-

**18. No. of PhD theses awarded.**

Dr. B.S. Jamuna, Professor and Head :- 3  
 Dr. B. Hariharan, Professor :- 2  
 Dr. Meena T. Pillai, Professor :- 3

Dr. Suja Kurup P.L., Professor :- 1

Dr. Lakshmi Sukumar, Assistant Professor :- 1

**19. No. of PhD theses submitted.**

Dr. B. S. Jamuna :- 1

Dr. B. Hariharan :- 1

Dr. Meena T. Pillai :- 3

Dr. Suja Kurup P.L. :- 1

**20. No. of M. Phil dissertations awarded.**

Dr. B. S. Jamuna :- 3

Dr. B. Hariharan :- 3

Dr. Meena T. Pillai :- 3

Dr. Suja Kurup P.L. :- 3

Dr. Lakshmi Sukumar :- 1

**21. No. of M. Phil dissertations submitted.**

Dr. B. S. Jamuna :- 3

Dr. B. Hariharan :- 3

Dr. Meena T. Pillai :- 3

Dr. Suja Kurup P.L. :- 3

Dr. Lakshmi Sukumar :- 1

**22. Placement details of students:-**

Sl No	Name of student	Name of course	Designation	Name of the company	Annual Pay
1.	Nisha Khan	MPhil	Higher Secondary Teacher	Kendriya Vidyalaya	
2.	G. Anju	MPhil	Assistant Professor	Govt. College, Palakkad	
3.	P.V. Asha	Research Scholar	Assistant Professor	Govt. College, Kasargode	

**23. Students who cleared GATE/NET/SET etc. 17 nos. (NET-14 nos./JRF 3 nos.)**

**24. Details of Library books/ journals**

Sl. No	Details	
1.	Whether the library is automated	Yes
2.	No. of books in stock as on Jan 1,2020	15380
3.	No. of books added this year	229
4.	No. of offline journal subscribed	Littcrit
7.	Amount spend for purchase of books	2,84,432/-

**25. No of funded projects active during the year:**

**(Project name, funding agency, total outlay)**

UGC SAP DRS II (2015-2020) Dr. B. Hariharan, Coordinator

Grants Received: Rs 40,39,715/-

**26. Details of international/ national conferences/ seminars/workshops organized by the department.**

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/ seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1	Workshop on “Materials Production on Communication Skills in English”	National		16-18 February	

2	Seminar on “Karnad Moments: A Celebration”	National		21-22 August	
3.	Workshop on Syllabus Revision in B.A. English (Main)			25-27 September	27 Nos.
4.	Seminar on “Humour Traditions in Australia and Canada”	National		14-16 November	

### 27. Major equipments purchased during the year:-

Sl. No	Name of the equipment	Cost	Source of fund	Purpose/ use
1.	Language Lab	18,21,201/-	Plan Fund	

### 28. Details of syllabus revisions during the year (indicate major/ minor):-

MPhil and MA syllabus revisions

### 29. Details of alumni association.

Sl. No	Details	
1.	Name of the association	The Institute of English Alumni Association
2.	Registered or not	Registered
3.	No. of meetings held this year	One
4.	No. of members added this year	37
5.	Details of alumni contributions, including endowments, talks, donation etc	Alumni Lecture Series

### 30. Details of eminent personalities visited in the department:

- Dr. Joseph Dorairaj, Professor of English, Gandhigram Rural University, Gandhigram, Dindugul Dt., Tamil Nadu – Lecture on “Myth, Literature and Gandhigram University Hermeneutics” on 22 March 2019.
- Talk by Dr. Udayakumar, Professor, JNU, Delhi – Lecture on “Death, Political Existence and the Limits of Nana lion on 25 March 2019
- Talk by Dr. A. Biju Kumar, Professor and Dean, Faculty of Science, Department of Aquatic Biology and Fisheries, University of Kerala Lecture on “Science, Development and Environment” on 25 March 2019.
- Talk by Dr. Arun B. Nair, Department of Psychiatry, Government Medical College, Thiruvananthapuram Lecture on “Stress Management” on 20 June 2019
- Talk by Dr. Anej Somaraj, Assistant Professor, Department of English, Christian College, Chengannur Lecture on “Unveiling New Vistas: Academic and Career Prospects for English Graduates” on 4 September 2019

### 31. Details of awards received by faculty/ staff/ students:-

- Dr. Meena T. Pillai was awarded the prestigious Fulbright-Nehru Academic & Professional

Excellence Award for Lecturing and Research at the University of California, Los Angeles, California. She is teaching a course on Film and Transnational Feminisms in the University of California. She is also lecturing in a number of Universities in the United States of America as a Visiting Professor.

32. Other major achievements and activities, including invited lectures, interactions, get together etc.

- Directed **TWO** plays involving students of the Institute of English

### C. CONTRIBUTION AT INDIVIDUAL LEVEL

**Dr. Meena T. Pillai** : 2 oral presentations

- No. of papers/ abstracts published in conference proceedings with ISBN
- No. of presentations in conferences/ seminars (indicate oral/ poster)

**Dr. B.S. Jamuna** : 1 (oral)

**Dr. Lakshmi Sukumar** : 2 (oral)

- No. of articles published in scholarly magazines, bulletins or news papers.
- No. of PhD theses awarded : 1
- No. of M.Phil dissertations awarded: 1
- No. of MPhil dissertations submitted: 1

33. No. of workshops/FDPs/short term courses/ conferences attended:

Dr. B.S. Jamuna : 13  
 Dr. B. Hariharan : 2  
 Dr. Meena T. Pillai : 11  
 Dr. Suja Kurup P.L. : 4  
 Dr. Lakshmi Sukumar : 6  
 Mr. Vishnu Narayanan : 2

34. Chair/Member of Committees served as

**Dr. B. S. Jamuna, Professor and Head:-**

- Dean, Faculty of Arts
- Member, Senate
- Member, Academic Council
- Chairman, PG BOS
- Member, Academic Committee, CSS
- Member, PG ULMC
- Member, BOS (Pass)
- Member, Library Advisory Committee
- Member, Pass Board, Higher Secondary Education, Government of Kerala
- Member, Academic Council, Mar Ivanios College, Thiruvananthapuram

**Dr. B. Hariharan, Professor**

Member, PG Board of Studies  
 Member, PG Board of Studies, Mangalore University  
 Member, PG Board of Studies, Vimala College, Thrissur  
 Member, PG Board of Studies, Mar Ivanios College.  
 Chief, University Employment Information and Carrier Guildens.  
 Member, IQAC, University of Kerala

**Dr. Meena T. Pillai, Professor**

- Member, Board of Studies, University of Kerala
- Member, Indian Institute of Space Sciences and Technology

- Member, St. Teresa's College

**Dr. Suja Kurup P.L., Professor**

- Chairman, Board of Studies in English, University of Kerala (Pass)
- Subject Expert, Board of Studies in English, Research Centre and Department of English, Scott Christian College (Autonomous), Nagercoil.
- Subject Expert, Board of Studies in English, Research Centre and Department of English of English, Mar Ivanios College (Autonomous), Thiruvananthapuram.
- Subject Expert, Board of Studies in English, Research Centre and Department of English, St. Teresa's College (Autonomous), Ernakulam.

**Dr. Lakshmi Sukumar, Assistant Professor**

- Chairman of the Board of Question Paper Setters for IV semester M AEnglish CCSS, University of Calicut.
  - MPhil Question Paper Setter for University of Calicut.
8. Details of international/ national/ state awards/ recognitions received.  
 Dr. Meena T. Pillai, Professor : Fulbright-Nehru Academic & Professional Excellence Award for Lecturing & Research (2019-2020)
9. Public talks/ discussions over AIR/ television channels
- Dr. Meena T. Pillai led various panel discussions at two significant literary festivals in Kerala, The Kerala Literature Festival and the Mathrubhumi Literature Festival, contributing to the literary and cultural debates in Kerala.
  - She also participated in television discussions on women empowerment.

## DEPARTMENT OF GERMAN

Year of Establishment: 1961

Faculty of Arts

**A. Department Profile**

35. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Shri. K.N. Sreekumar	Male	MA UGC NET	Assistant Professor

36. Programmes offered

Name of programme	strength		Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actu-al								

MA German Language and Literature	13 S4- 4 S2- 3	1 6		1					100%
Others Certificate, Diploma, In German A1, A2 Levels in German	40 20 Approved by Academic Council, Starting Soon	18 9		3 1					100 100

#### B. COMMON ACTIVITIES

1. Journals, if any, published by the Dept. with ISSN, No of issues/year, index details, if any German studies in India
2. Placement details of students.

Sl No	Name of student	Name of course	Designation	Name of the company	Annual Pay
1	Harry Francis	MA	Assistant Professor	St Thomas College, Pala	6.45 lakhs

3. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	Entering in KOHA Software
2.	No. of books in stock as on Jan 1,2019	11701
3.	No. of books added this year	28
7.	Amount spend for purchase of books	2,30,000

4. Details of consultancy work active during the year.

Sl. No	Name of the project	Project Director	Sponsoring agency	Outlay	Duration
1	Translation and Attestation	K.N. Sreekumar		29,500/-	

5. Details of syllabus revisions during the year (indicate major/ minor) Syllabus revision under process
6. Details of community outreach programmes (Please give a brief description) Dutsche Autoren Kennellernen
7. Green initiatives/ waste management/ energy saving measures.  
Plastic free department, Steel plates and glasses are used
8. Details of alumni association.

Sl. No	Details	
1.	Name of the association	Deutscher Verein
2.	Registered or not	Not registered
3.	No. of meetings held this year	2
4.	No. of members added this year	5

9. Details of eminent personalities visited in the department.  
Prof V Ganeshan, Former Vice Chancellor, Deputy consulate General
  10. Other major achievements and activities, including invited lectures, interactions, get together etc.
- Onam and Christmas celebrations, Counselling programme for PG students

#### C. CONTRIBUTION AT INDIVIDUAL LEVEL

1. Name of faculty: K.N. Sreekumar  
Invited talk at Model Finishing School, IHRD, Kerala State, Trivandrm

# DEPARTMENT OF RUSSIAN

Year of Establishment: 1968

Faculty of Arts

## A. Department Profile

### 11. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Dr. R.S. Krishnakumar	Male	Ph.D. in Russian	Assistant Professor

### 12. Programmes offered

Name of programme	strength		Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanctioned(Including marginal increase)	Actual								
MA CSS) MA (Part-time) (Russian Language and Literature	10 S4-2 10 5		1 2							100%
M.Phil Russian	1 1		Nil							
PhD Russian	4 3		1							
Post Doc	Yes Nil		Nil							
Others Certificate, Diploma, In Russian Integrated Diploma in Russian	40 1 40 2 40 29									100% 100

## B. COMMON ACTIVITIES

- Journals, if any, published by the Dept. with ISSN, No of issues/year, index details, if any  
**Russian studies in India: Languages, Literature and Culture in Comparison.**  
**ISSN 2349-4131, publication of the University Department of Russian, university of Kerala.**
- Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.
- ВЛИЯНИЕ РАБИНДРАНАТА ТАГОРА НА ЛИТЕРАТУРУ СОВРЕМЕННОЙ ИНДИИ** by **Dr. R.S. Krishnakumar, Assonance Volume-19, Department of Russian and comparative Literature, University of Calicut., ISSN No. 2394-7853, year of publication -2018- 2019, UGC enlisted Journal**

- НАТУРАЛЬНАЯ ШКОЛА И ПЕДАГОГИЧЕСКИЕ ВЗГЛЯДЫ В. Г. БЕЛИНСКОГО** By **Dr. R.S. Krishnakumar Assonance Volume-20, Department of Russian and comparative Literature, University of Calicut., ISSN No. 2394-7853, year of publication -2019- 2020, UGC enlisted Journal**
- Details of book edited/ published by the faculty members of the department with title, ISBN, publisher, month/ year.  
**Chekhov Kathakal, Chief editor Dr. R.S. Krishnakumar, Published by the Department of Russian, university of Kerala. Applied for ISBN no**
- No. of M. Phil dissertations awarded. - 1
- No. of M. Phil dissertations submitted. - 1
- Placement details of students.

Sl No	Name of student	Name of course	Designation	Name of the company	Annual Pay
1	Dr.Shyla.S	Ph.D. in Russian	Asst.professor On contract	MG College, TVPM	Around 3 lacks

7. Students who cleared GATE/NET/SET etc. - one (SET)

8. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	Entering in KOHA Software
2.	No. of books in stock as on Jan 1,2019	
3.	No. of books added this year	28
4.	No. of offline journal subscribed	Nil
5.	No. of online journals subscribed	Nil
6.	No. of online books available	Nil
7.	Amount spend for purchase of books	1,30,000/-

9. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
2019-20	Three day National seminar on Postmodern Trends in Twenty first century Russian Literature.	National	University of Kerala	9 <sup>th</sup> ,10 <sup>th</sup> and 11 <sup>th</sup> of January 2020	More than hundred

10. Details of consultancy work active during the year.

Sl. No	Name of the project	Project Director	Sponsoring agency	Outlay	Duration
1	Translation and Attestation Just started	Dr.krishnakumar.R.S			

11. Green initiatives/ waste management/ energy saving measures.

Plastic free department, Steel plates and glasses are used

12. Details of alumni association.

Sl. No	Details	
1.	Name of the association	Alumnae
2.	Registered or not	-
3.	No. of meetings held this year	1
4.	No. of members added this year	8
5.	Details of alumni contributions, including endowments, talks, donation etc	Nil

13. Other major achievements and activities, including invited lectures, interactions, get together etc.

**Counseling programme for PG students and Legal averment programme conducted.**

**C. CONTRIBUTION AT INDIVIDUAL LEVEL**

**Name of faculty: Dr. Krishnakumar.R.S**

2. No. of papers published in other peer reviewed journals with ISSN etc. -2
3. No. of book edited/ published with ISBN - 1
4. No. of papers/ abstracts published in conference proceedings with ISBN - 2
5. No. of presentations in conferences/ seminars (indicate oral/ poster) -2
6. No. of MPhil dissertations awarded - 1
7. No. of MPhil dissertations submitted - 1
8. No. of workshops/FDPs/short term courses/ conferences attended – Seminars-organised-1 attended-1

9. Involvement in academic bodies as dean, academic council/ board of studies member etc.

- Member, Academic council, University of Kerala.
  - Member, Board of studies in Russian, University of Calicut.
  - Chairman, Board of studies in Russian, University of Kerala.
  - Chairman, UG and PG Board of Examiners in Russian, University of Kerala.
  - Member, Ph.D. Board of Examiners in Russian, EFLU, Hyderabad.
  - Member, PG, M.Phil. Board of Examiners in Russian, JNU, New Delhi.
  - Member, PG, M.Phil. Board of Examiners in Russian, University of Calicut.
10. Any other activities.  
Invited talk at Model Finishing School, IHRD, Kerala State, Trivandrm

## SCHOOL OF FINE ARTS DEPARTMENT OF MUSIC

**Year of establishment: 1998**

**Faculty of Fine Arts**

**A. DEPARTMENT PROFILE**

1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender (M/F/TG)	Qualifications (Highest two)	Designation
1	Dr. V.K. Anuradha (on deputation)	Female	M.A, Ph.D	Associate Professor & Head
2	Dr. K. Bindu (on deputation)	Female	M.Phil, Ph.D	Assistant Professor
3	Sri. R. Syamakrishnan	Male	M.A Music, PG Diploma in Music	Instructor
4	Sri. S. Balasubramonian Potty	Male	M.A Music, PG Diploma in Violin	Artist
5	Dr. Lakshmy J. Nair	Female	M.A Music, Net, Ph.D	Contract Lecturer
6	Dr. J. Veena	Female	M.A Music, Net, Ph.D	Contract Lecturer

2. Administrative staff - 4 (3F & 1M)

3. Programmes offered

Name of programme	strength		Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign
	Sanc-tioned(Includ-ing marginal increase)	Actual							
Masters (.M.A IInd sem M.A IVth sem)	10 10	4 5	4 4	Nil Nil	Nil 1	Nil Nil	Nil Nil	Nil Nil	Nil Nil
M.Phil (.....)	3	3	3	Nil	1	Nil	Nil	Nil	Nil



**B. COMMON ACTIVITIES**

1. Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.
  - Dr. K. Bindu The unique stature in Music, Sangitika ISSN : 23485892
  - Article published in Samakalika Sangeetham- October 2019 issue- ‘Sangita Cintamani’: An Unpublished manuscript on Music- ISSN:2319-3506
2. Details of papers/ abstracts published by the faculty members of the department in conference proceedings with ISBN, month/ year, indexing details if any etc.
  - Dr. Anuradha V K. presented a paper on rare kritis of Swati Tirunal in National Seminar conducted by Dept of Music, Sree Sankaracharya University of Sanskrit, Kalady on March 15- 2019
  - Dr. Bindu K presented a paper as resource person on ‘Harikesanallur Muthiaya Bhagavathar- A Prolific Composer’- at the National Seminar on Post Trinity Composers of Carnatic Music- Dept of Music, University of Kannur. ISBN :978-81-8370-556-1
  - Dr. Bindu K presented a paper on ‘Selected Kshetra kritis of Kerala Composers’- during the International Conference on ‘Interaction Music, Dance and Culture’-Dept of Music of Music- Annamalai University-August 2019-ISSN 2395-2202-Apoorvaragam
  - Dr. Veena J- Paper on ‘Influence of Sangit Ratnakara of Sarangadeva on the Sangita Cintamani of vemabhupala’ in the book of Bhavan’s Series on Natya Nritya and Sangita- ‘Sarangadeva’s Sangitaratnakara’- Published by Bharatiya Vidya Bhavan, K. M. Munshi Marg, Mumbai- ISBN 978-81-938679-4-5
3. No. of PhD theses awarded-
4. No. of PhD theses submitted- 1
5. No. of M. Phil dissertations awarded- 4
6. No. of M. Phil dissertations submitted- 2
7. Students who cleared GATE/NET/SET etc. - 4 (KTET)
8. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	yes
2.	No. of books in stock as on Jan 1,2019	2715
3.	No. of books added this year	46
4.	No. of offline journal subscribed	-
5.	No. of online journals subscribed	-
6.	No. of online books available	-
7.	Amount spend for purchase of books	109353

9. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1	Seminar on ‘Different Perspectives of Music’	National	University of Kerala	17, 18 and 19 December 2019	75-80

10. Details of alumni association.

Sl. No	Details	
1.	Name of the association	Alumni Association, Dept of Music
2.	Registered or not	Not Registered
3.	No. of meetings held this year	1
4.	No. of members added this year	38
5.	Details of alumni contributions, including endowments, talks, donation etc	Nil

11. Details of eminent personalities visited in the department.
    - Sri. Ashwath Narayan, Carnatic Vocalist, Chennai
    - Sri. Senkkottai Harihara Subramanian, Carnatic Vocalist and Harikatha Performer, Trichy
    - Sri. Ranjith Warriar, Thrissur
    - Prof T Unnikrishnan, Senior Professor, Faculty of Music, Indira Kala Sangeeth University, Khairagarh
    - Dr. Abirama Sundari, Asso Prof & Head, Dept of Music, Queen Mary's College, Chennai
    - Bangalore G Ravikiran, Carnatic Vocalist, Bangalore.
    - Sri. Kannan Balakrishnan, Veena Artist, Chennai
    - Dr. Mini N, HoD & Prof. Dept of Music, Kannur University
    - Dr. V S Sharma. Retd. Prof in Malayalam, Govt College for Women & Former Dean, Faculty of Fine Arts, University of Kerala
    - 'Sri. Abhiram Unni, Carnatic Vocalist
    - Dr. V Premalatha, Asso Prof & HoD, Dept of Music, Central University of Tamil Nadu.
    - Sri. Edappally Ajith, renowned Violinist
    - Dr. P Padmesh, Renowned Flautist
    - Dr Kalasree Sadanam K Harikumar, Kathakali Artist
    - Dr. K Premalatha, Deputy Director of Collegiate Education (retd.), Govt of Kerala & HOD (retd), Dept of Music, Govt College for Women, trivandrum
    - Sri. Humble Shine, Faculty of Hindustani Music, A R Rahman Foundation, Chennai
  12. Other major achievements and activities, including invited lectures, interactions, get together etc.
    - Tyagaraja Aradhana/Open House conducted at the Dept of Music on February 12
    - Lecture by Dr. V T Sunil, Asst Prof, Sree Swati Tirunal College for Music, Trivandrum on February 26 on 'Music and Science' as part of Science Day Celebration.
    - Stage Performance titled 'Swara Raga Sudha' conducted by Dept of Music on 13, 14, and 15<sup>th</sup> of March. Concert performances by Professional Carnatic Musicians from Kerala and Tamil Nadu were conducted at the Department.
    - Students participated and won prizes in the University Youth Festival. Rajalekshmi R S, First prize in Hindustani Vocal, Kaanjana R, II prize in Hindustani Vocal and III prize in Light Music, Ajaykrishna S, Second prize in Hindustani Vocal.
    - Talk by Dr. T Unnikrishnan on Voice Culture, Senior Professor, Music Faculty at Indira Kala Sangit University, Khairagarh on April 9<sup>th</sup>.
    - Students performed individual and group singing performances of film songs during the inaugural function of Students Amenity Centre of the University of Kerala on June 17<sup>th</sup>.
    - Yoga Day and World Music Day conducted on June 21<sup>st</sup>. Yoga session conducted by Smt. Meera Hari, Art of Living. A '5 minutes presentation' competition conducted among the students on topics related to music.
    - Parent Teachers Meeting conducted on July 9<sup>th</sup>.
    - A talk by Smt. Shantala, Research Scholar, Dept of Music of Music, Kerala Kalamandalam conducted on August 22<sup>nd</sup> as part of the 'Lecture Series of Research Scholars' conducted by the Dept of Music.
    - Students performed during the Convocation ceremony of Sri. S Gopalakrishnan and Dr. Jayanth Narlikar at Senate hall, University of Kerala
    - Lecture Demonstration and Documentation on 29 and 30 August by Dr. Abirama Sundari, Asso Prof & Head, Dept of Music, Queen Mary's College, Chennai and Bangalore G Ravikiran, Carnatic Vocalist, Bangalore.
    - A 'Veena Festival' jointly organized by Dept of Music, University of Kerala and Veena Sangeetha Sangh, Thiruvananthapuram on September 27. Veena Sangeetha Ratna award given to Vainikas. Veena Recital by Sri. Kannan Balakrishnan, Chennai, Violin accompaniment by Smt. Padma Krishnan, Sri. Changanassery Jayan on Mridangam and Sri. Thiruvananthapuram S Rajesh on Mridangam.
    - A workshop on 'Harikamboji' presented by Dr. Mini N, Prof & HOD, Dept of Music, kannur University, as part of the 'Lecture series of experts' conducted by the Dept of Music on October 4<sup>th</sup>.
    - A talk by Prof. Vijayakumari, Professor (retd.), Dept of Malayalam, Govt College for Women, on 'Malayala Bhasha Mahatmyam' as part of Kerala Piravi Dinam on November 1<sup>st</sup>.
    - Programme conducted by the Department of Music, University of Kerala in association with Indira Gandhi National Centre for Arts, Thrissur on November 22. Talk on 'Swati Tirunal Maharaja' by Dr. V S Sharma. Concert performance by 'Sri. Abhiram Unni', Carnatic Musician accompanied by Smt. Manjula Rajesh (AIR) on Violin, and Sri. Kadakkavur Rajesh (AIR) on Mridangam.
    - A Talk on 'Constitution of India' by Prof. Vijayan, Professor (retd), Dept of Politics, Govt College for Women on Constitution day November 26<sup>th</sup>.
    - National Seminar on 'Different Perspectives of Music' funded by Planning Section, University of Kerala conducted at the Dept of Music on 17, 18 and 19 December. There were Paper presentations by resource persons and research scholars.
    - Students performed during the Convocation ceremony of Prof. Dr. C N R Rao at Senate hall, University of Kerala on December 10<sup>th</sup>.
- CONTRIBUTION AT INDIVIDUAL LEVEL**
- Name of faculty: Dr. Anuradha V K**
11. No. of presentations in conferences/ seminars-oral

- Presented a paper on rare kritis of Swati Tirunal in National Seminar conducted by Dept of Music, Sree Sankaracharya University of Sanskrit, Kalady on March 15- 2019
12. No. of PhD theses awarded- 1
  13. No. of PhD thesis submitted- 2
  14. No. of MPhil dissertations awarded- 1
  15. No. of workshops/FDPs/short term courses/ conferences attended
    - Attended a Seminar titled 'Vaggeyakaras of Twentieth Century in Carnatic Music' organized by the Dept of Music, Govt College for Women, Trivandrum
  16. Involvement in academic bodies as dean, academic council/ board of studies member etc.
    - Chairman of Board of Studies (PG), University of Kerala
    - Member of Board of Studies (Pass), University of Kerala
    - Member of Doctoral Committee in Music, Dept of Music
  17. Served as Chair/ member of committees/ boards/ councils/ commissions etc.
    - Served as member of selection Committee of Chembai Award
    - Member of Appeal Committee, University of Kerala Youth Festival, march 2019
    - Evaluated a Ph.D Thesis in Music from Sree Shankaracharya University of Sanskrit, Kalady
  18. Artistic performances held
    - Performed a Vocal Concert at Madakkavil Devi Temple, Ernakulam on 18/04/2019
  19. Public talks/ discussions over AIR/ television channels
    - Performed devotional Song (Carnatic) in AIR

**Name of faculty: Dr. Bindu K**

10. No. of papers published in other peer reviewed journals with ISSN etc.-  
ISSN : 23485892 – M.D. Ramanathan- The unique stature in Music- (Sangitika)
11. No. of papers/ abstracts published in conference proceedings with ISBN:
  - Harikesanallur Muthiaya Bhagavathar- A Prolific Composer- National Seminar on Post Trinity Composers of Carnatic Music- Dept of Music, University of Kannur.  
ISBN :978-81-8370-556-1
  - Selected Kshetra kritis of Kerala Composers-International Conference on 'Interaction Music, Dance and Culture'-Dept of Music of Music-Annammalai University-August 2019-ISSN 2395-2202-Apoorvaragam
12. No. of presentations in conferences/ seminars (indicate oral/ poster):
  - Harikesanallur Muthiaya Bhagavathar- A Prolific Composer- National Seminar on Post Trinity Composers of Carnatic Music- Dept of Music, University of Kannur.  
As Resource Person-
  - Selected Kshetra kritis of Kerala Composers-International Conference on 'Interaction Music,

- Dance and Culture-Dept of Music of Music-Annammalai University-August 2019-
13. No. of MPhil dissertations awarded : 1
  14. Involvement in academic bodies as dean, academic council/ board of studies member etc.
    - Board of Studies Member, University of Kannur.
    - Member of Doctoral committee in Music-2019.
  15. No. of workshops/FDPs/short term courses/ conferences attended
    - Attended a Seminar titled 'Vaggeyakaras of Twentieth Century in Carnatic Music' organized by the Dept of Music, Govt College for Women, Trivandrum
  16. Details of international/ national/ state awards/ recognitions received: Auditioned Artist of Trivandrum AIR for Devotional Music-
  17. Any other activities. Co-ordinator for the Three day National seminar on different perspectives of music- December 2019.

**Name of faculty: Dr. Lakshmi J Nair (Contract)**

11. Artistic performances held
  - Devotional Song recorded on 13/11/19 and CD named 'Bhadra Geetham' released on 29/12/19.
12. Details of international/ national/ state awards/ recognitions received
  - Awarded with B grade from the All India radio on Light Music (vocal)
13. Public talks/ discussions over AIR/ television channels
  - Recorded 2 Light Music songs at AIR on 23 and 24 of October 2019 and programme broadcasted on 11/11/19.
14. Any Other Activities
  - Attended the three day National seminar on different perspectives of music- December 2019 conducted by the Dept of Music, University of Kerala, funded by Planning section, University of Kerala.

**Name of faculty: Dr. Veena J (Contract)**

11. No. of papers published in other peer reviewed journals with ISSN etc.-
  - Article published in Samakalika Sangeetham- October 2019 issue- 'Sangita Cintamani': An Unpublished manuscript on Music- ISSN:2319-3506
12. No. of papers/ abstracts published in conference proceedings with ISBN:
  - Paper on 'Influence of Sangit Ratnakara of Sarangadeva on the Sangita Cintamani of vemabhupala' in the book of Bhavan's Series on Natya Nritya and Sangita- 'Sarangadeva's Sangitaratnakara'- Published by Bharatiya Vidya Bhavan, K. M. Munshi Marg, Mumbai- ISBN 978-81-938679-4-5
13. Any Other Activities
  - Attended the three day National seminar on different perspectives of music- December 2019 conducted by the Dept of Music, University of Kerala, funded by Planning section, University of Kerala

# **SCHOOL OF INDIAN LANGUAGES** **DEPARTMENT OF LINGUISTICS**

**Year of Establishment: 1963**

**Faculty of Oriental Studies**

**Prof. S. A. Shanavas – Professor and Head**

1. PhD Awarded 2. (Computational Linguistics-1, Linguistics-1)

2. MPhil Awarded 2 (Computational Linguistics)

### **3. Seminar/Conferences Organized :**

#### **National**

1. National Seminar on “The Relation between Stylistics and Linguistics from 15<sup>th</sup> to 17<sup>th</sup> 2019, Dept. of Linguistics

2. National seminar on “Current Trends in Language and Literature in India from 11<sup>th</sup> to 13<sup>th</sup> December 2019, School of Indian languages

3. One day seminar on Language policy and Higher education in India on 11<sup>th</sup> April 2019, School of Indian Languages

Programmes attended as key person

a. Delivered the keynote address in the National Seminar organised by the Sadakkathulla Appa College, Thirunelveli, on 17<sup>th</sup> September, 2019.

b. Delivered the keynote address in the International Arabic Day celebration -2019 organised by the Mannanya College, Pangode, on 17<sup>th</sup> Dec, 2019.

c. Delivered the keynote address in the 9<sup>th</sup> National Naturopathy and Yoga science congress held at Thalassery, Kannur, on 21<sup>st</sup> December, 2019.

#### **4. Participation in Conferences/Seminars/ Workshop**

1. Paper titled “Semantics of Divine attributes of God in Holy Quran” presented at the All India conference of Dravidian Linguists & International Symposium on Language endangerment, 20-22-2019 at Central University of Karnataka, Kalaburagi,

2. Chaired a session on The linguistic features of Malayalam in the National seminar on “Current Trends in Language and Literature” in India from 11<sup>th</sup> to 13<sup>th</sup> December 2019, organised by School of Indian languages, University of Kerala

#### **5. Major Activities :**

a. Participated as Subject expert for scrutiny of applications various positions at different Universities/ Institutions.

b. Attended periodically at Executive Meetings/ CD meetings at ISDL/ DLA. Etc

c. Invited resource person to deliver a lecture on “Morphology in Malayalam” in the training course in Malayalam (certificate course in Malayalam) organized by international school of Dravidian Linguistics on 16<sup>th</sup> October 2019.

**Name of faculty: Dr.S.Kunjamma – Associate Professor**

1. Papers published in Journals without impact factor

Lexical and Grammatical meaning in Malayalam, Language in India [www.language.inindia.com](http://www.language.inindia.com), 2019, ISSN 1930-2940

2. PhD Awarded 2

### **3. Seminar/Conferences Organized :**

#### **National**

1. National Seminar on “The Relation between Stylistics and Linguistics from 15<sup>th</sup> to 17<sup>th</sup> 2019, Dept. of Linguistics

2. National seminar on “Current Trends in Language and Literature in India from 11<sup>th</sup> to 13<sup>th</sup> December 2019, School of Indian languages

3. One day seminar on Language policy and Higher education in India on 11<sup>th</sup> April 2019, School of Indian Languages

#### **4. Participation in Conferences/Seminars/ Workshop**

1. Presented a paper on Linguistic Features in the Grammar of Malabar Language by Robert Drummond in the International Seminar on the Early Christian Missionaries contribution to the Linguistic Structuring of Indian Languages, 2019 organised by Centre for Christian studies, University of Kerala

2. Presented a paper on Syntactic and Semantic roles of Locatives in Malayalam in 47<sup>th</sup> All India conference of Dravidian Linguists & International Symposium on Language endangerment, 20-22-2019 at Central University of Karnataka, Kalaburagi.

3. Presented a paper on Kinship semantics: A Cultural Linguistic approach in the National seminar on Contribution of South India to Indian Culture from 19<sup>th</sup> to 21<sup>st</sup> December 2019 organised by Dravidian cultural studies, University of Kerala

4. Presented a paper on The linguistic features of Advertisements in Malayalam in the National seminar on “Current Trends in Language and Literature in India from 11<sup>th</sup> to 13<sup>th</sup> December 2019, organised by School of Indian languages, University of Kerala

**Major Project :** Dialect Survey of Kerala

**Name of faculty: Dr. Darwin L, Assistant Professor**

#### **1. Book Published**

The Early Christian Missionaries Contribution to the Development of Journalism in India (edited) ISBN:

Recent Trends in Language and Literature (Edited) ISBN:

#### **2. Article Published in Journals**

Importance of Visual Linguistic Documentation – A Study Based On Fishing Culture At Trivandrum, Manuscript Studies, 2019. ISSN:

### 3. Seminar Organized

#### National

Three day National Seminar on “The Early Christian Missionaries Contribution to the Development of Journalism in India from 9<sup>th</sup> to 11<sup>th</sup> Jan. 2019

#### International

Three day International Seminar on “The Early Christian Missionary Contribution to the Linguistic Structuring of Indian Languages from 7<sup>th</sup> to 9<sup>th</sup> Feb. 2019

### 4. Participation in Conferences/Seminars/Workshop

- Presented a paper on Early Missionaries contribution in the print media on three day National Seminar on “The Early Christian Missionaries Contribution to the Development of Journalism in India from 9<sup>th</sup> to 11<sup>th</sup> Jan. 2019.
- Presented a Paper on Gundert and Malayalam Language in the three day International Seminar on “The Early Christian Missionary Contribution to the Linguistic Structuring of Indian Languages from 7<sup>th</sup> to 9<sup>th</sup> Feb. 2019
- Presented a Paper on Endangerment of Language and culture and maintenance of language and culture: A study based on Tribes of Kerala and Fishing communities of Trivandrum, in the Two day national Seminar on Endangerment Language Documentation, Organized by Department of Linguistics, Dravidian University, Kuppam.
- Deliver an Invited talk on Literacy programmes among the tribes of Kerala in the two day workshop on literacy Material preparation among the tribe Kattunayka, Organized by KIRTADS, Kozhikode.
- Deliver an Invited talk on importance of Literacy material preparation among the tribe of India, on the 20 days Literacy workshop for Andra tribes of Vaglibory, Kolami etc at Vishakapattanam, Organized by LiTe Asia, Literacy Mission.
- Delivered an Invited talk on Importance of Visual Linguistic Documentation, on ten day workshop on Visual Documentation, Organized by Department of Tamil, University of Kerala.
- Delivered an Invited talk on Importance of Visual Linguistic Documentation, on ten day workshop on Visual Documentation, Organized by Department of Linguistics, Central University of Kerala, Kasaragod.
- Presented a paper on Ancient Measurements and quantifiers among the fishing communities at Trivandrum, on three National Seminar on Ancient Measures, Organized by Oriental Research Institute and Manuscript Library.
- Presented a paper on Linguistic features of fishing communities of Trivandrum and Kollam in the National seminar on “Current Trends in Language and Literature in India from 11<sup>th</sup> to 13<sup>th</sup>

December 2019,organised by School of Indian languages, University of Kerala

**Name of faculty: Dr. S. Prema** : Assistant Professor

- 1 Book Chapters, if any : (include details: Name of the Publisher, ISBN No. etc.)

Dr.S.Prema*Malayalattileparakiyapadangal: vivaranamvisadeekaranam* (Borrowed words in Malayalam: description and explanation) pp:348-355 “malayala bhasha padanangal”,ed. by Dr. AM Unnikrishnan, published by P.K. Parameswaran Nair Samskarika Trust, TVM, Current Books, Thiruvananthapuram (ISBN:978-93-5390-098-4)

- 2 Participation in Conferences/ Seminars/ Workshop as

Presented a paper on “Morphosyntax of Gender in Dravidian” in the National Seminar on Dravidian Linguistics and Dr.VI.Subrahmoniam organized by International school of Dravidian Linguistics during 25<sup>th</sup> and 26<sup>th</sup> November 2019

Special lecture on “Linguistic Diversity and Language Documentation” in the Five-day National workshop on Documentation of Dravidian culture conservation process and digital Technology organized by Manoniam Sundaranar Centre for Dravidian cultural studies, university of Kerala from 2-6 December 2019

- 3 Ongoing Research Projects

(Name of funding agency, Title of the Project, Date of Award, Date of expiry and amount sanctioned) Funding Agency- UGC – Grant -in-aid towards funding support to state universities for study and research in indigenous and endangered languages in India

**Title of the project- UGC centre for endangered languages of Kerala (CeLK)**

Date of award- 2017 March

Date of Expiry- 2022

Sanctioned amount- 1,92,50000, Realised amount- 1,10,50000

- 4 Details of outreach activities

- Invited resource person to deliver a lecture on “Tense in Malayalam” in the training course in Malayalam (certificate course in Malayalam) organized by international school of Dravidian Linguistics on 17<sup>th</sup> October 2019
- Invited resource person to deliver a lecture on “Sociolinguistics” in the orientation programme for High School Teachers organized by international School of Dravidian Linguistics on 30<sup>th</sup> November 2019

- 5 Major expected outcome for the year 2020

**Teaching:** Develop new syllabuses for advanced area of linguistics and introduce these as new core and elective papers.

**Research:**1. Complete the trilingual dictionary of Irula language.

2. Complete and publish the study on expressive in Malayalam.

**Development:** Develop human resource in language documentation through training workshop.

- 6 Give your suggestions for improvement of the Department/University

1. Admission of PG students should be completely based on descriptive type entrance test.
2. Present system of evaluation should be reformed.

# DEPARTMENT OF HINDI

**Year of Establishment: 1990**

**Faculty of Oriental Studies**

1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1.	Dr. R. Jayachandran	M	M.Phil, Ph.D.	Professor
2.	Dr. C.S. Suchith	M	M.A., Ph.D.	Asst. Professor
3.	Dr. K.R. Deepak	M	M.A., Ph.D.	Asst. Professor
4.	Dr. B.L. Leena	F	M.A., Ph.D	Lecturer on contract

2. Administrative staff - 2 nos. (M)

3. Programmes offered

Name of programme	strength	Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actual							
Masters (.....)	49	43	41	0	2	26	0	0	
M.Phil (.....)	7	7	6	0	1	0	2	0	
PhD	20	20	16	0	1	1	8	0	
Post Doc	2	2	2		1	0	0	0	

**B. COMMON ACTIVITIES**

1 Journals, if any, published by the Dept. with ISSN, No of issues/year, index details, if any

Shodh Darpan; ISSN No. 2347 8152; No of Issues - 1

2. Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.

Dr. C.S.Suchith ; Nagade ki tarah bajte sabd- Aadivasi nari jeevan ka Khula dastavez, Shodh Ritu International Peer Reviewed journal, April-June 2019, ISSN 2454-6283

3. Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.

Dr. C.S.Suchith ; Samkaaleen Hindi kavita me paristitik bodh, Shodh Ritu, January- March 2019, ISSN 2454-6283

Dr. C.S.Suchith ; Jangal.. Yeheem shuru hota hai, Sangrathan February 2019, ISSN 2278/6880

4. Details of book edited/ published by the faculty members of the department with title, ISBN, publisher, month/ year.

Dr. C.S. Suchith, Vapasi ka sangeet; Publisher: Aman Prakashan, Year - 2019, ISBN 978- 93/89220-27-8

5. Details of papers published by the faculty members of the department as chapters in books

with details such as title of the paper, title of the book, editors, publisher, etc.

Dr. Deepak K.R.,

Samanway Dakshin, ISSN No. 2456-9445, Publisher- Kendriya Hindi Sansthan, Hyderabad Centre

6. Details of articles published by the faculty members of the department in scholarly magazines, bulletins or news papers.

a. Nyaya Sahity Naye Prashn, Vani Prakashan, ISBN- 978-93-88684-27-9, Article – Samkaleen Hindi Kavita Mein Paristithik Bodh

b. Sangradhan, February 2019, ISSN – 2278-6880, Jungal Yaheem Shuru Hota Hai

c. Shodh Ritu, International Peer reviewed Journal April-June 2019, ISSN – 2454-6283, Article - =Nagade Ki Tharah Bajthe Shabdh – Aadi vasi Nari Jeevan Ka Khula Dastavez

d. Shodh Ritu, January-March 2019 article - Samkaleen Hindi Kavita Mein Paristithik Bodh

7. No. of PhD theses awarded. - 1 no.

8. No. of PhD theses submitted. - 2 nos.

9. No. of M. Phil dissertations awarded. - 7 nos.

10. No. of M. Phil dissertations submitted. - 7 nos.

11. Students who cleared GATE/NET/SET etc. - 4 nos. (NET-3nos/JRF-1)

12. 19. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	No
2.	No. of books in stock as on Jan 1,2019	13613
3.	No. of books added this year	554
4.	No. of offline journal subscribed	05
5.	No. of online journals subscribed	Nil
6.	No. of online books available	Nil
7.	Amount spend for purchase of books	300121

13. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1	3 Day International Conference of Writers from Hindi, English & Malayalam	International	University	16 December 2019	152(5 from outside the state)

14. Major developmental activity like construction etc.

Sl. No	Name of the activity	Cost	Source of fund	Purpose
1	Setting up of Language lab	Rs.20,00,000/-	Budget Speech	

Details of syllabus revisions during the year (indicate major/ minor)

2 Day Syllabus revision workshop conducted

15. Steps taken to make the department differently abled friendly.

1. Ramp has been provided
2. Special Toilet Facilities for Differently abled Students.
3. Lift Facility made available

16. Details of alumni association.

Sl. No	Details	
1.	Name of the association	Hindi Alumni Association
2.	Registered or not	No
3.	No. of meetings held this year	1
4.	No. of members added this year	2
5.	Details of alumni contributions, including endowments, talks, donation etc	11000

Details of eminent personalities visited in the department.

1. Dr. Madan Kashyap, renowned Hindi Poet
2. Dr. Khyrunissa A. Renowned writer & Columnist
3. Sri. Asha Menon, Renowned Novelist

17. Details of awards received by faculty/ staff/ students.

Sri. Vishak S.,2017-19 MA student won the award for the best NSS cadet of the University.

**C. CONTRIBUTION AT INDIVIDUAL LEVEL**

**Name of faculty: Prof.(Dr.) Jayachandran R.**

1. No. of presentations in conferences/ seminars (indicate oral/ poster) - 5
2. No. of PhD thesis submitted- 1
3. No. of MPhil dissertations awarded -3

4. No. of foreign visits for academic purposes- 1
  5. Involvement in academic bodies as dean, academic council/ board of studies member etc.- Member, Board of Studies (pass)- Dean, Academic Council Member, Board of Studies Chairman
  6. Service as reviewer of journals/ seminar papers (give details) - 1
  7. Served as Chair/ member of committees/ boards/ councils/ commissions etc.- Union Public Service Commission, Public Service Commission, & NCERT
  8. Public talks/ discussions over AIR/ television channels- 1
- Got selected to participate as delegate in LEAP (Leadership for Academicians sponsored by MHRD & UGC at Melbourne Australia.
- Submitted a proposal for one project under SPARK, UGC.
- Submitted a proposal to Ministry of Women & Child Welfare to establish a Chair in the name of Mahadevi Verma in Literature

**Name of faculty: Dr. Deepak K.R.**

4. No. of papers published as chapters in books -1
5. No. of presentations in conferences/ seminars (indicate oral/ poster) - 6
6. No. of MPhil dissertations awarded -1

7. No. of workshops/FDPs/short term courses/ conferences attended-1
8. Involvement in academic bodies as dean, academic council/ board of studies member etc.- Member, Board of Studies (pass)

**Name of faculty: Dr. C.S. Suchith**

4. No. of papers published in other peer reviewed journals with ISSN etc.- 2
5. No. of book edited/ published with ISBN-1
6. No. of papers published as chapters in books -1
7. No. of presentations in conferences/ seminars (indicate oral/ poster) - 6
8. No. of articles published in scholarly magazines, bulletins or news papers.- 1
9. No. of PhD theses awarded- 1
10. No. of PhD thesis submitted- Nil
11. No. of MPhil dissertations awarded -1
12. No. of workshops/FDPs/short term courses/ conferences attended-1
13. Involvement in academic bodies as dean, academic council/ board of studies member etc.- Member, Board of Studies (pass)

## DEPARTMENT OF MALAYALAM

**Year of establishment : 1963**

**Faculty of: Oriental Studies**

### A. DEPARTMENT PROFILE

#### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Dr.S.Shifa	F	M.A., Ph.D	Professor and Head
2	Dr.C.R.Prasad	M	M.A., Ph.D	Professor (Registrar in charge)
3	Dr.M.A.Siddeek	M	M.A., Ph.D	Assistant Professor
4	Dr.Sheeba M.Kurian	F	M.A., Ph.D	Assistant Professor
5	Dr.Seema Jerome	F	M.A., Ph.D	Assistant Professor

2. Administrative staff - 4 nos. (1M, 3F)

3. Programmes offered

Name of programme	strength		Female	Trans gender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanctioned(Including marginal increase)	Actual								
Masters (....M.A.....)	23	22	15	-	5	-	7	0	0	NA
M.Phil (.....)	14	14	9	-	2	-	5	0	0	NA
PhD	47	47	35	-	4	-	-	-	-	NA
Post Doc	4	4	4	-	-	-	-	-	-	NA
Others	-	-	-	-	-	-	-	-	-	NA



**B. COMMON ACTIVITIES**

1. Journals, if any, published by the Dept. with ISSN, No of issues/year, index details, if any 'Bhashasahiti' The Research Journal (Last issue, 2014 January)
2. Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.
  - (i) വ്യാകരണത്തിലെ സർഗ്ഗാത്മകത (Malayalam Research Journal, ISSN-0974-1984)
  - (ii) ഭാഷാലിംഗാവബോധം-വ്യവഹാരപശ്രമനം (Malayalapacha ISSN-2454-292X)
  - (I) Asleelaththinte saaankethikaidya,Pachakkuthira, Jan2019
  - (ii) Seethamaarude seetha,Pukasa Journal, Feb2019
  - (iii) Niraye harithakamulla ru kavyavruksham, mathrubhoomi weekly, jan2019
  - (iv) GurukavyangalileManusyolsavam mathrubhoomi weekly, may2019
3. Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.
  - (i) ആദികാവ്യത്തിന്റെ ശേഷജീവിതങ്ങൾ, വിജ്ഞാനകൈരളി, കേരളഭാഷാഇൻസ്റ്റിറ്റ്യൂട്ട്, തിരുവനന്തപുരം, ഏപ്രിൽ, 2019 പ. 79-80
  - (ii) മലയാളസിനിമ 2018-ചില സാംസ്കാരികനിലപാടുകൾ, ദൃശ്യതാളം, ഫെഡറേഷൻ ഓഫ് ഫിലിം സൊസൈറ്റീസ് ഓഫ് ഇന്ത്യ പ്രസിദ്ധീകരണം, ഏപ്രിൽ, 2019 പ. 23-27
  - (iii) ആധുനികതയുടെ രാഷ്ട്രീയവും മാധവികളുടെ നോവലുകളും, ജനപഥം, ഇൻഫർമേഷൻ പബ്ലിക് റിലേഷൻസ് വകുപ്പ്, മേയ്, 2019 പ. 22-25
  - (iv) സിനിമയുടെ സിനിമാനന്തരസാധ്യതകൾ, ദൃശ്യതാളം, ഫെഡറേഷൻ ഓഫ് ഫിലിം സൊസൈറ്റീസ് ഓഫ് ഇന്ത്യ പ്രസിദ്ധീകരണം, ഒക്ടോബർ, 2019 പ. 23-27
  - (v) ഭിന്നശേഷി സാംസ്കാരികനിർമ്മിതിയും മലയാളസിനിമയും, ദൃശ്യതാളം, ഫെഡറേഷൻ ഓഫ് ഫിലിം സൊസൈറ്റീസ് ഓഫ് ഇന്ത്യ പ്രസിദ്ധീകരണം, ജനുവരി, 2019
4. Details of book edited/ published by the faculty members of the department with title, ISBN, publisher, month/ year.
  - (i) എഴുത്ത് സംസ്കാരം നിലപാടുകൾശ്രീശങ്കരാചാര്യ സംസ്കൃത സർവകലാശാല, പയ്യന്നൂർകേന്ദ്രം 2019 ISBN No.978-81-941640-1-2
  5. Details of papers published by the faculty members of the department as chapters in books with details such as title of the paper, title of the book, editors, publisher, etc.
    - (i) ഭാവനയുടെ കോളനികൾ, എൻ.സന്തോഷ് കുമാർ (എഡിറ്റർ) ചിന്താ പബ്ലിക്കേഷൻസ്, തിരുവനന്തപുരം, 2019 ISBN No.978-93-88485-01-2
    - (i) പ്രതിഷേധത്തിന്റെ ലാവണ്യപക്ഷം (ലക്ഷ്മിയുടെ ആത്മാവുള്ള കവി എന്ന പുസ്തകത്തിൽ), Department of Malayalam, University of Kerala (ISBN-978-81-943863-4-6)
    - (ii) സംസ്കാരം പ്രവാസിരചനകളിൽ (പ്രവാസിസാഹിത്യം എന്ന പുസ്തകത്തിൽ), Kerala Bhasha Institute (ISBN -6127-1211-8125 19)
  6. Details of papers/ abstracts published by the faculty members of the department in conference proceedings with ISBN, month/ year, indexing details if any etc.
  7. Details of articles published by the faculty members of the department in scholarly magazines, bulletins or news papers.
    - (I) ചെറുതുനിൽപ്പിന്റെ ജനയുഗകാലം, 30.10.2019, ജനയുഗം ദിനപത്രം, പ.9
  8. No. of PhD theses awarded. - 2
  9. No. of PhD theses submitted. - 9
  10. No. of M. Phil dissertations awarded - 20
  11. Students who cleared GATE/NET/SET etc. - 6 nos. (JRF-1, NET-5 nos.)
  12. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	Yes
2.	No. of books in stock as on Jan 1,2019	59523
3.	No. of books added this year	11
4.	No. of offline journal subscribed	8
5.	No. of online journals subscribed	Nil
6.	No. of online books available	Nil
7.	Amount spend for purchase of books	Nil

13. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1	Malayalam Computing	National	University	December 7-13	65

2	Disability: Society Body and Culture	National	University	November 20-22	150
3	ONV Memorial Lecture & Award	National	University	December 18	500
4	Krithiyum Rangapadavum : 'Omanakal' Munnirathi Natkasilpasala Luigi Pirandello-Kesari Balakrishna Pillai Smrithi	National	University	November 25-29	150

Details of syllabus revisions during the year (indicate major/ minor)

Minor Syllabus revisions

14. Details of community outreach programmes (Please give a brief description)

- (I) Lecture to the Participants of short-term course in Gender Sensitization, on November 27, 2019 at Human Resource Development Centre, University of Kerala.
- (ii) Lecture to the Participants of District Youth Study Camp on the topic “Sthree, Samooham, Samskaram” on June 16, 2019 at Varkala.
- (iii) Lecture to the Participants of District Youth Leadership camp on the topic “Gender neutrality”

on 2<sup>nd</sup> October, 2019 at Veli Youth Hostel, Trivandrum.

- (iv) An invited talk in All India Radio, Thiruvananthapuram about Women in Film Industry on 3<sup>rd</sup> June, 2019.
- 15. Adoption of villages/ colonies/ schools/ departments in colleges, if any with brief description.
- 16. Steps taken to make the department differently abled friendly.  
Ramp, Lift
- 17. Green initiatives/ waste management/ energy saving measures.
- 18. Details of alumni association. November 20-22

Sl. No	Details	
1.	Name of the association	Samavidya
2.	Registered or not	-
3.	No. of meetings held this year	2
4.	No. of members added this year	-
5.	Details of alumni contributions, including endowments, talks, donation etc	(i) Annual meeting of Alumni Association conducted on 30 <sup>th</sup> April, 2019. (ii) P.Raman Endowment distributed for Best outgoing M.Phil student.

19. Details of eminent personalities visited in the department.

Sri.Pinarayi Vijayan, Sri.T.Padmanabhan, Dr. George Onakkoor, Sri.Balachandran Chullikkad, Dr.Raja Hariprasad, Sri.Santhosh Thottingal, Dr.B.Iqbal, Dr.R.R.Rajeev, Dr.Ambikasuthan Mangad, Dr.P.S.Radhakrishnan, Sri.M.Rajivkumar

**C. CONTRIBUTION AT INDIVIDUAL LEVEL**

**Name of faculty: DR.S.SHIFA**

- 5. No. of PhD theses awarded : 1 no.
- 6. No. of MPhil dissertations awarded - 3 nos.
- 7. No. of workshops/FDPs/short term courses/ conferences attended : THREE
- 8. Involvement in academic bodies as dean, academic council/ board of studies member etc. : Senate & Academic Council member from 2019 June
- 9. Served as Chair/ member of committees/ boards/ councils/ commissions etc. :

- (i) Saved as chair in around 10 conferances,
- (ii) As a member in special convocation committees, Website committee.
- 10. Activities in clubs, associations, NSS etc : Member in KUTA
- 11. 26. Public talks/ discussions over AIR/ television channels : Delivered a talk about Rajalekshmiyude Kadhakal In AIR

**Name of faculty: Dr.Sheeba M.Kurian**

- 1. No. of papers published in other peer reviewed journals with ISSN etc.
- (i) ആദികാവ്യത്തിന്റെ ശേഷജീവിതങ്ങൾ, വിജ്ഞാനകൈരളി, കേരളഭാഷാഇൻസ്റ്റിറ്റ്യൂട്ട്, തിരുവനന്തപുരം, ഏപ്രിൽ, 2019 പു. 79-80
- (ii) മലയാളസിനിമ 2018-ചില സാംസ്കാരികനിലപാടുകൾ, ദൃശ്യ താളം, ഫെഡറേഷൻ ഓഫ് ഫിലിം സൊസൈറ്റീസ് ഓഫ് ഇന്ത്യ പ്രസിദ്ധീകരണം, ഏപ്രിൽ, 2019 പു. 23-27
- (iii) ആധുനികതയുടെ രാഷ്ട്രീയവും മാധവിക്കടുതിയുടെ നോവലുകളും, ജനപഥം, ഇൻഫർമേഷൻ പബ്ലിക് റിലേഷൻസ് വകുപ്പ്, മേയ്, 2019 പു. 22-25

- (iv) സിനിമയുടെ സിനിമാനന്തരസാധ്യതകൾ, ദൃശ്യതാളം, ഫെഡറേഷൻ ഓഫ് ഫിലിം സൊസൈറ്റീസ് ഓഫ് ഇന്ത്യ പ്രസിദ്ധീകരണം, ഒക്ടോബർ, 2019 പ്. 23-27
- (v) ഭിന്നശേഷി സാംസ്കാരികനിർമ്മിതിയും മലയാളസിനിമയും, ദൃശ്യതാളം, ഫെഡറേഷൻ ഓഫ് ഫിലിം സൊസൈറ്റീസ് ഓഫ് ഇന്ത്യ പ്രസിദ്ധീകരണം, ജനുവരി, 2019
- 2. No. of book edited/ published with ISBN
  - (i) എഴുത്ത് സംസ്കാരം നിലപാടുകൾ, ശ്രീശങ്കരാചാര്യ സംസ്കൃത സർവകലാശാല, പയ്യന്നൂർകേന്ദ്രം, 2019 ISBN No.-81-978-1-941640
- 3. No. of papers published as chapters in books
  - (i) ഭാവനയുടെ കോളനികൾ, എൻ.സന്തോഷ് കുമാർ(എഡിറ്റർ), ചിന്ത പബ്ലിക്കേഷൻസ്, തിരുവനന്തപുരം, 2019 ISBN No. 2-01-88485-93-978
- 4. No. of articles published in scholarly magazines, bulletins or news papers.
  - (i) ചെറുത്തുനിൽപ്പിന്റെ ജനയുഗകാലം, 30.10.2019, ജനയുഗം ദിനപത്രം, പ്. 9
- 5. No. of PhD theses awarded - 1
- 6. No. of PhD thesis submitted - 2
- 7. No. of MOOC/Online courses completed - (i) MOOC (ii) SWAYAM
- 8. No. of workshops/FDPs/short term courses/ conferences attended

**Conferences attended in International Level**

- (i) Served as a Resource Person in the Three Day International Seminar on Pravasee sahity ki Sanshruthik Uplabdhiyan organized by the School of Distance Education, University of Kerala, held on 11-13 November, 2019.

**Conferences attended in National Level**

- (ii) Served as a Resource Person in the National Workshop on ഗവേഷണരീതിശാസ്ത്രത്തിലെ വൈജ്ഞാനികാതിത കാഴ്ചപ്പാടുകൾ organized by the Department of Malayalam, University of Kerala, held on 4-15 February, 2019.
- (iii) Chaired a session in the Three Day National Seminar on Malayalathinte Ayyappapanikkar organized by School of Distance Education, University of Kerala, during 15-17 January, 2019.
- (iv) Presented a paper titled ഭിന്നശേഷി രൂപനിർമ്മിതി മലയാളസിനിമയിൽ in the Three Day National Seminar on Cinema kalayum rashtreeyavum held at Union Christian College, Aluva from 13.02.2019 to 15.02.2019.
- (v) Partipated in the National Seminar on Malayalam Cinema: Contested Screens, Contending Economics organized by Institute of English, University of Kerala on 14-15 March, 2019.
- (vi) Participated in the One Week Faculty Development Programmes on Theory in Research Writing organized by Kerala State Higher Education Council from 6-10 February, 2019.
- (vii) Participated in the Three Day National Workshop on Malayalam Cinema Contested Screens, Contending Economics organized by the Institute of English, University of Kerala on 11-13 March, 2019.

**Workshops conducted**

- (i) Malayalam Computing, a Seven Day National Workshop held on December 7-13, 2019
- (ii) Disability: Society Body and Culture, a Three Day National Workshop held on November 20-22, 2019.

**Name of faculty: Dr.Seema Jerome :**

- 1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.
  - (i) വ്യാകരണത്തിലെ സർഗ്ഗാത്മകത (Malayalam Research Journal, ISSN-0974-1984)
  - (ii) ഭാഷാലിംഗാവബോധം-വ്യവഹാരപത്രമനം (Malayalapacha ISSN-2454-292X)
- 2. No. of papers published as chapters in books
  - (i) പ്രതിഷേധത്തിന്റെ ലാവണ്യപക്ഷം (ലക്ഷ്മിയുടെ ആത്മാവുള്ള കവി എന്ന പുസ്തകത്തിൽ), Department of Malayalam, University of Kerala (ISBN-978-81-943863-4-6)
  - (ii) സംസ്കാരം പ്രവാസിരചനകളിൽ (പ്രവാസിസാഹിത്യം എന്ന പുസ്തകത്തിൽ), Kerala Bhasha Institute (ISBN 8125-1211-6127-19)
- 3. No. of PhD thesis submitted - 3
- 4. No. of workshops/FDPs/short term courses/ conferences attended
  - Aiyappa panickarude Lekhanangalile Samskara yukthi, Jam 15-1, Dept of Malayalam, School of Distance Education, TVM
  - Karthirwathinte Parinamangal Puthu kathayil, Feb 4-5, Devamatha College, Kuravilangad
  - Pravasi Rachanakalile Samskaram, Feb 19-21, F.M.N.C Kollam
  - Vivarthanathinte Rashtreeyam, Mar 5-6, F.M.N.C Kollam Natakam- Rachana Paadathinte Sadhyathakal, Mar 6-8, Sree Sankaracharya Sanskrit
  - Marxisathinte Swadheenatha Malayala Nadakangalil, Mar 14-16, School of Distance Education, University of Kerala, Palayam, TVM
  - Sathyanandharathayude Rashtreeyam, Apr 9-11, Dept. of Malayalam, University of Kerala
  - Linga vibhajanathinte saarthaka thalanganal, June 29-30, S.R.L.C, C.I.I.L, Mysore and I.C.K.S, University of Kerala
  - Methodology of Data collection & documentation of Dravidian Rituals, Dec 2-6, Manomaniyam Sundaranar Centre for Dravidian Cultural
  - Disability: Society, Body and Culture, Nov 20-22, Dept. of Malayalam, University of Kerala
  - Khasakhile Sthreekal, Nov 5, Govt. Women's College, TVM
  - Kavithayum Sthree Swathwavam Oranweshanam, Feb 11, D. Vinayachandran Nagar, Kadapuzha
- 5. 18. Involvement in academic bodies as dean, academic council/ board of studies member etc. MEMBER, BOS, FMNC (Autonomous)
- 6. Public talks/ discussions over AIR/ television channels

- (i) An invited talk in All India Radio, Thiruvananthapuram about Women in Film Industry on 3<sup>rd</sup> June, 2019.
7. Any other activities.

Details of Outreach activities'

- Lecture to the Participants of short-term course in Gender Sensitization, on Nov 27 at Human Resource Development Centre, University of Kerala
- Lecture to the Participants of District Youth Study Camp on the topic "Sthree, Samooham, Samskaram" on June 16 at Varkala.
- Lecture to the Participants of District Youth Leadership camp on the topic "Gender neutrality" on 2 October at Veli youth Hostel Trivandrum

**Name of faculty: Dr.M.A.Siddeek**

- No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.
- (I) Asleelaththinte saankethikaidya, Pachakkuthira, Jan 2019
- (ii) Seethamaarude seetha, Pukasa Journal, Feb 2019
- (iii) Niraye harithakamulla ru kavyavruksham, mathrubhoomi weekly, jan2019
- (iv) Gurukavyangalile Manusyolsavam mathrubhoomi weekly, may2019
- No. of book edited/ published with ISBN
- (i) Zenofayile pookal, childrens novel, Oct 2019, Mythri books
- (ii) omanakal, Drama, Mythri books, Nov2019, 978-81-943863-0-8
- 3 books edited
- (i) kunjunn arude thonnalaanu, mythri books by Dr. B.V. Sasikumar 9789353000189
- (ii) Tharathamyah sahithyam-pramanangal, prayogam, prasakthi Mythri books, 9789353611903
- (iii) pakshiyude aathmaavulla kavi-Onv kavitha padanangal Department of Malayalam, 978-81-943863-4-6

- No. of papers published as chapters in books
1. Manushyavakasamarangalum thekkanthiruvithamkrum, (book: thekkan thiruvithamkooor, Ed, by R.V. AJAYAGHOSH), PUB. BY. LIBRARY COUNCIL, TRIVANDUM
2. ayyappanum bharanaghadanayum rajyavum janangaludethanu, (Book:Sabarimala, charithravum Varthamaanavum ed. by. V.U. Surendran), Green Books, May 2019, ISBN938883047-4
4. No. of PhD thesis submitted - 4
5. No. of workshops/FDPs/short term courses/ conferences attended

**Conferences Organized :**

- International :
  1. Sree Narayana Seminars in Chempazhanthy, kollam, Aruvippuram
  2. National Workshop on Theatre studies based on the drama 'OMANAKAL'
  3. Two Literary Camps conducted in Kollam and Aruvippuram
- Participation in Conferences/Seminars/Workshop as
  - a) **Invited Speaker** GOVT. WOMENS COLLEGE-INTERNATIONAL SEMINAR on RUSSIAN LITERATURE -IN KERALA HISTORY & MALAYALAM LITERATURE, 2019-DEC.11-13
  - b) SAMAKALA MALAYALA SAHITHYA VIMARSANAM/national seminar/Govt.College, nedumangadu on 2019 NOV 25-27
  - c) CHINTHAVISHATAYAAYA SEETHA SATHABDI PRABHASHANAM/UNIVERSITY COLLEGE, 2019 OCT 01
  - d) SEETHA -ORU NOOTTAND PRABHASHANAM/ SN COLLEGE CHERTHALA,30-12-2019
6. Involvement in academic bodies as dean, academic council/ board of studies member etc.
7. Member, UG Board of Studies, UoK (Reviewer of the syllabus, Fathima matha National College Syllabus)

## DEPARTMENT OF SANSKRIT

Year of establishment : 1963

Faculty of Oriental Studies

**A. DEPARTMENT PROFILE**

**1. Teaching Staff**

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1.	Dr. C.A. Shaila	Female	M.Phil, Ph.D	Professor & Head
2.	Dr. Vijayakumari. C.N.	Female	M.Phil, Ph.D	Asst. Professor
3.	Sabna T.Thaj	Female		Contract Lecurer
4.	Dr. T.Devarajan	Male	M.Phil, Ph.D	Guest Lecturer
5.	Dr.V.Sisupala Panicker	Male	M.Phil,Ph.D	Guest Lecturer

**2. Administrative staff - 2 nos. (F)**

**3. Programmes offered**

Name of programme	strength		Female	Transgender	SC	ST	Other reserved categories	Out-side state	Foreign	Pass %
	Sanctioned(Including marginal increase)	Actual								
Masters (1st MA Sanskrit)	18	15	13	-	1	-	8	-	-	100%
(II MA Sanskrit)	15	8	5	-	-	-	3	-	1	100%
M.Phil (Sanskrit)	4	4	3	-	1	-	1	-	-	-
PhD	10	9	2	-	3	-	3	-	-	-
Post Doc	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-

**B COMMON ACTIVITIES**

1. No. of M. Phil dissertations awarded : 3
2. Placement details of students.

Sl.No	Name of Student	Name of course	Designation	Name of the company	Annual Pay
1	Jayasankar G.	Ph.D	U.P. Assistant		

3. Students who cleared GATE/NET/SET/K.TET etc. - 5 nos. (KTET)

**4. Details of Library books/ journals**

1. Whether the library is automated - No
  2. No. of books in stock as on Jan 1,2019 - 16500
  3. No. of books added this year - 130
  4. No. of offline journal subscribed - Nil
  5. No. of online journals subscribed - Included in UGC Internet
  6. No. of online books available - Included in UGC Internet
  7. Amount spend for purchase of books - Rs. 35,873/-
- Details of syllabus revisions during the year (indicate major/ minor) - Minor

**C. CONTRIBUTION AT INDIVIDUAL LEVEL**

**Name of faculty: Dr. C. A. Shaila**

1. No. of presentations in seminars - 01
2. No. of MPhil dissertations awarded -02
3. No. of MPhil students guiding - 03
4. No. of seminars /workshops /conferences attended -04
5. No. of Ph.D scholars guiding - 06
6. No. of M A students guiding - 04

**5. Position held**

Chairman, Board of Studies, P G in Sanskrit  
Chairman, Doctoral Committee

- Chairman, P G,Mphil (CSS)  
Chairman of the Ph.D Open Defence at SSUS Kalady  
Adjudicator of the Ph.D theses at SSUS, Kalady, & Kannur University  
Member, Academic Council  
Member, Faculty of Oriental Studies in Kerala University  
Member, Faculty Calicut University  
Member, Board of Studies (pass) in Sanskrit
- 6. Seminar/ Programmes Organized**
1. Organized two day exhibition programme on Vedic Science on 28.2.2019 &01.02.2019.
  2. Organised Dr. R. Karunakaran memorial talk on 08.03.2019
  3. Organized three day national Seminar on the contemporary thoughts on the Philosophical Relevance of Purvamimamsa and Uttharamimamsa held from 20<sup>th</sup> to 22<sup>nd</sup> of March 2019..
  4. Conducted Sankarajayanthi celebration on 31.05.2019
  5. Conducted Sanskrit day celebration on August 2019
  6. Organised International Yoga day celebration on 21.06.2019
  7. Organised M.A. Induction programme on 12.06.2019
  8. Carried out 09 Ph. D Open Defence programmes

# DAPERTMENT OF TAMIL

Year of establishment: 1944

Faculty of Oriental Studies

## A. DEPARTMENT PROFILE

### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Dr. HEPHY ROSE MARY.A	FEMALE	M.A, Ph.D	Assistant Professor & Head
2	Dr. P. JEYAKRISHNAN	MALE	M.Phil, Ph.D	Assistant Professor
3	Dr. T. VIJAYALAKSHMI	FEMALE	M.Phil, Ph.D	Assistant Professor
4	Dr. A. PERCILLA	FEMALE	M.Phil, Ph.D	Assistant Professor
5	Dr.Muthulakshmi.S	FEMALE	M.Phil, Ph.D	Contract Lecturer

### 2. Administrative staff - 2 nos. (1 M & 1 F)

### 3. Programmes offered

Name of programme	strength	Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actual							
Masters (...M.A Tamil...)	15 15	5 7	5 6	- -	- -	- -	5 5	- -	
M.Phil (....Tamil..)	4 4	4 4	3 2	1 2	- -	OEC – 1 OEC – 1	2 1	- -	
PhD	12	17	10	7	1	OEC – 2	7	-	
Post Doc	6		-	-	3	-		-	

## B. COMMON ACTIVITIES

- Journals, if any, published by the Dept. with ISSN, No of issues/year, index details, if any

Elavenil, published by the department

Editor of the Book Proceedings of National Seminar “Chera Sentamil Ilakkiyal Vol. I, and Vol. II

- Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.

- Dr. Hepsy Rose Mary. A, Published a research paper in the UGC approved E. Journal Vallamai April 2019 on the Topic “ Akamam” ISSN: 2348 – 5531 <http://www.vallamai.com/?p=90460>
- Dr. Hepsy Rose Mary. A Published a research paper in the UGC approved E. Journal Vallamai April 2019 on the Topic “ Akamam” ISSN: 2348 – 5531 <http://www.vallamai.com/?p=91102>
- Dr. P. Jeyakrishnan Published a research paper in the UGC approved International

Journal of ModernTamil Research April –June 2019 Quarterly,on the topic “ Bharathiarum Vallatholum’ (Pp. 308-315). ISSN No 2321-984X

- Dr. P. Jeyakrishnan Published a research paper in the UGC approved International Journal of Claaiical Thamizh Research April- June 2019 Quarterly,on the topic “ Keralathil Tamil Kalvi’ (Pp. 677-681). ISSN No 2321-0737
  - Dr. P. Jeyakrishnan Published a research paper in the UGC approved International Journal of Claaiical Thamizh Research April- June 2019 Quarterly,on the topic “ Samuthaya Mozhiyyil Nokkil Malayalam Tamil Akarathiyil Malayala Panpattu Chorkali’ (Pp. 306-309). ISSN No 2321-0737
- Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.
    - 1. Dr. Hepsy Rose Mary. A Published a research paper in the Shanlax International Journal of

- Tamil Research on the Topic “Chilappathikarathil Purathinai Marapukal” ISSN: 24543993, Vol1 Sirappithal 2,
- 2. Dr. P. Jeyakrishnan Published a research paper in the Shanlax International Journal of Tamil Research Noverber 2019 on the topic “Pathittu Pathil Cherar Vazhipattu Muraikal ‘ (Pp. 16-20). ISSN No 2454-3993
  - 3. Dr. T. Vijayalakshmi, Published a research paper in the shanlax international journal of tamil research November 2019 on the topic “kadalodia cherarkal” ISSN NO 2454-3993
  - 4. Dr. A Percilla, Published a research paper in the Shanlax International Journal of Tamil Research Noverber 2019 on the topic “Malaynattu Tamilil Kannasa Ilakkiyangal ‘ ISSN No 2454-3993
  - 5. Dr. A. Percilla, Published an article in the International Journal of “Aaitha Ezhuthu” on the topic of “Thirikadugathil Virunthombal”, ISSN No.2278- 7550 – January 2019
  - 6. Dr. Muthulakshmi. S Published a research paper in the Shanlax International Journal of Tamil Research Noverber 2019 on the topic “Pathittu Chuttum Pann ‘ ISSN No 2454-3993
  - 7. Elthojoy. E, published an article in the
4. Details of book edited/ published by the faculty members of the department with title, ISBN, publisher, month/ year.
    - Dr. Hepsy Rose Mary. A. Authored a book ‘ Ezhuthilakkana Marapu’ Published by IITS, Chennai, Feb. 2019
    - Dr. Hepsy Rose Mary. A, Editor of the Book Proceedings of National Seminar “Chera Sentamil Ilakkiyal Vol. I, and Vol. II ISSN 24543993
    - Dr. P. Jeyakrishnan, Editor of proceedings of national seminar “Chera sentamil” published by shanlax international journal of Tamil Studies Madurai – 2019 ISSN No 2524-3993
    - Dr. T. Vijayalakshmi, Authored a theory book titled as “tamil literary theory” published by poovarashi publication, Chennai. ISBN:978-93-81322-52-2
    - Dr. T. Vijayalakshmi, Editor of proceedings of national seminar “Chera sentamil” published by shanlax international journal of Tamil Studies Madurai – 2019 ISSN No 2524-3993
    - Dr. A. Percilla, Editor of proceedings of national seminar “Chera sentamil” published by shanlax international journal of Tamil Studies Madurai – 2019 ISSN No 2524-3993
  5. Details of papers published by the faculty members of the department as chapters in books with details such as title of the paper, title of the book, editors, publisher, etc.
    - Dr. Hepsy Rose Mary. A, Published as a chapter in the book, Asia Panpattil tamil samay Ilakkiyankal, IITS, Chennai, November, 2019
  6. Details of papers/ abstracts published by the faculty members of the department in conference proceedings with ISBN, month/ year, indexing details if any etc.
    - Dr. P. Jeyakrishnan Editor of the Book “Contribution of South India to Indian Culture” - November 2019 published by Manonamian Sundaranar Centre for Dravidian Cultural Studies University of Kerala Vide ISBN No 978-81-940771-2-1
    - Dr. P. Jeyakrishnan Editor of the Proceedings of National Seminar “Chera Senatamail” Published by Shanlax International Journal of Tamil Studies Madurai - 2019 ISSN No 2524-3993
    - Dr. P. Jeyakrishnan Editor of the Book Suvadiyiyal Katturaikal - 2019 of Manonamian Sundaranar Centre for Dravidian Cultural Studies, University of Kerala
    - Dr. P. Jeyakrishnan Editor of the Seminar Abstracts “Documentation Dravidian Culture Conservation Process and Digital Technology ” - November 2019 published by Manonamian Sundaranar Centre for Dravidian Cultural Studies University of Kerala
  7. No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any.)
  8. Project Name, Converting the Lexical Corpus in the Department of Tamil into a Lexical data base for lexicographic Applications, Funded by University of Kerala, Sanctioned amount 7, 00, 000, 2019-2021, Not Completed, Principal Investigator- Dr. Hepsy Rose Mary. A,
  9. No. of PhD theses awarded.- 2 nos.
  10. No. of PhD theses submitted.- 8 nos.
  11. No. of M. Phil dissertations awarded.- 4 nos.
  12. No. of M. Phil dissertations submitted. - 4 nos.
  13. Placement details of students.

Sl No	Name of student	Name of course	Designation	Name of the company	Annual Pay
1	Dr. Rajasekaran. L	Contract Lecturer	Assistant Professor	Central University Gulburga	Above 5, 00000
2	Selvakumar. R.	Ph.D	High School Assistant		Above 3. 00.000

14. Students who cleared GATE/NET/SET etc. - 2 nos. (NET)

15. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	Nil
2.	No. of books in stock as on Jan 1,2019	30690
3.	No. of books added this year	79
4.	No. of offline journal subscribed	Nil
5.	No. of online journals subscribed	Nil
6.	No. of online books available	Nil
7.	Amount spend for purchase of books	34830

16. No of funded projects active during the year:

(Project name, funding agency, total outlay)

One, Converting the Lexical Corpus in the Department of Tamil into a Lexical data base for lexicographic

Applications, Funded by University of Kerala, Sanctioned amount 7, 00, 000,

17. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1	5 days National workshop on 'Tamil Malayalam Manuscriptology Siddha Medical Manuscripts'	National	University of Kerala	From 21st to 25th January 2019.	
2	Tamil Literature and Inscriptions Text and Context'	National	University of Kerala	28th to 30th January 2019	80
3	5 days National workshop on 'Journalism and Masscommunication'	National	University of Kerala	4th to 8th February 2019.	64
4	Science Week and Mother Tongue Day Celebration	National	-	25th February to 1st March 2019	20
5	3 days National Seminar on 'Syntactical Structure in Tamil Language'	National	University of Kerala	6th to 8th March 2019	52
6	5 days National Workshop on 'Tamil Malayalam Manuscript Learning and Editing	National	University of Kerala	18th to 22nd March 2019	81
7	One day National Seminar On Panmuga Nokkil Tamil Ilakkiyam	National	Jointly organized with Aluymni	27.3.2019	
8	Three Day National Seminar on Cheerachentamil Ilakkiyan	National	Jointly organized with Aluymni	27th to 29th November 2019	89
8	Four days National Residential Workshop on "Tamil Literary Theory"	National	University of Kerala	16th to 19th December 2019	37
9	Three Day National Seminar on Contribution of South India to Indian Culture,	National	UOK	19th to 21st November 2019	60
10	Documentation of Dravidian Culture Conservation process and Digital technology	National	UOK	2nd 6th December 2019	65



18. Details of alumni association.

Sl. No	Details	
1.	Name of the association	Elangomanram
2.	Registered or not	Not registered
3.	No. of meetings held this year	5
4.	No. of members added this year	-
5.	Details of alumni contributions, including endowments, talks, donation etc	76,000

19. Details of eminent personalities visited in the department.

- Prof. A. Rameez Abdhulla, Department of Languages, South Eastern University, Srilanga Visit our Department on 3.12.2019.
- Pro. M.A. M Foursar, Senior Lecturer, Dept of Political Science, South Eastern University, Srilanga Visit our Department on 3.12.2019.

20. Details of awards received by faculty/ staff/ students.

- Dr. Hepsy Rose MKary. A, Received Ayyuchemmal National award received from kaviyarasar kalai tamil sangam, Namakkal,
- Dr. T. Vijayalakshmi, Received, Poovarasi award for “achiever 2018 Award”
- Dr. T. Vijayalakshmi, Received, Kaviyarasi award by “kaviyarasar kalvi tamil sangam”

21. Other major achievements and activities, including invited lectures, interactions, get together etc.

- “Dept of Tamil organized a 3 Endowment Lecture series on the Topics ‘
- Saint Ramalingar and Ganhihi Endowment Lecture Series – 6
- Prof. S. Vaiyapuripillai Endowment Lecture Series – 13
- Former Professor Endowment Lecture Series – 6
- On 26th march 2019.
- “Dept of Tamil in Collaboration with Ilangomanram ( Alumni Department of Tamil) organized a one days National Seminar on ‘Panmuga Nokkil Tamil Ilakkiyam’ on 27th March 2019.
- Conducted Three Refresher Courses in Tamil Language and Literature, For College Teachers in Colobration with UGC- HRDC, University of Kerala. Details are given below.

	Name of the department	Title of the course	Name of the course coordinator	Duration of the course	Number of participants attended
1	Tamil	Tamil Language and Literature	Dr. Hepsy Rose Mary. A	24.04.2019 To 14.05.2019	69
2	Tamil	Tamil Language and Literature	Dr. Hepsy Rose Mary. A	15.05.2019 To 28.05.2019	59
3	Tamil	Tamil Language and Literature	Dr. Hepsy Rose Mary. A	29.05.2019 To 11.06.2019	33

- Conducted invited talk on 30.04.2019 on the topic “ Tamil Nadakathin Pookkukal” by Dr. K. Parthibharaja, Director, Artist, and Assistant Professor, Govt Arts College, Chennai.
- Conducted invited talk on 04. 06.2019 on the topic “ Skill and Employment” by Dr. P. Ramesh, Assistant Professor & Head, Govt Arts College, Trichy.
- Conducted Special talk on 06. 06.2019 on the topic “ Naval Ilakkiyamum Anupavamum ” by Sri. Ponninan Famous Tamil Writer, Nagercoil
- Department of Tamil, University of Kerala, Celebrate Pongal Vizha on 14.1.2019
- Department of Tamil, University of Kerala, Celebrate Muthamil Kural Vizha on 14.3.2019
- Department of Tamil, University of Kerala, conduct one day awareness class for students on the topic Youth and Mental well being, Dr. Sony handle the class on 23.09.2019
- Department of Tamil, University of Kerala, Celebrate Language day I on 27.2.2019
- Department of Tamil, University of Kerala, conduct soft Skill Programme for M.A students on 21.08.2019.
- Department of Tamil, University of Kerala, conduct one day Women empowerment program for girl students on 14.10.2019

- Department of Tamil, University of Kerala, Conduct Three Alumni Invitee Lecture serious on 29.11.2019

#### C) CONTRIBUTION AT INDIVIDUAL LEVEL

**Name of faculty: Dr. Hepsy Rose Mary. A, Assistant Professor and Head**

- No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.
  - Published a research paper in the UGC approved E. Journal Vallamai April 2019 on the Topic “ Akamam” ISSN: 2348 – 5531 <http://www.vallamai.com/?p=90460>
  - Published a research paper in the UGC approved E. Journal Vallamai April 2019 on the Topic “ Akamam” ISSN: 2348 – 5531 <http://www.vallamai.com/?p=91102>
- No. of papers published in other peer reviewed journals with ISSN etc.
  - Published a research paper in the Shanlax International Journal of Tamil Research on the Topic “ Chilappathikarathil Purathinai Marapukal” ISSN: 24543993, Vol1 Sirappithal 2, November 2019
- No. of book edited/ published with ISBN
  - Dr. Hepsy Rose Mary. A. Authored a book ‘ Ezhuthilakkana Marapu’ Published by IITS, Chennai, Feb. 2019
  - Dr. Hepsy Rose Mary. A, Editor of the Book Proceedings of National Seminar “ Chera Sentamil Ilakkiyal Vol. I, and Vol. II ISSN 24543993
- No. of papers published as chapters in books
  - Dr. Hepsy Rose Mary. A, Published as a chapter in the book, Asia Panpattil tamil samay Ilakkiyankal, IITS, Chennai, November, 2019
- No. of presentations in conferences/ seminars (indicate oral/ poster)
  - Participated as a Invited Speaker in the International Seminar Conducted by International Seminar on the Relatuion Between Stylistics ans Linguistics on the topic Tamil Stylistic, Conducted by the department of Linguistics on January 15<sup>th</sup> to 17<sup>th</sup> 2019
  - Participated as a Invited Speaker in the International Seminar Conducted by International Seminar on The Early Christian Missionaries Contribution to the Linguistics Structuring of Indian Languages Conducted by the Christian Study Centre University of Kerala on the topic Missionaries contribution to the Tamil Language, on Februry 2019
  - Participated as a Invited Speaker in the National Seminar Conducted Application of Corpus on the topic Tamil Corpus, on February 2019
  - Participated as a Invited Speaker in the National Seminar on Thirukkural on the topic Thirukkuralil Sol Nayam, on August 2019
  - Participated and presented a paper in the National Seminar on Panmuga nokkil Tamil Ilakkiyam on

the topic Tolkappiyathil vinaiyeccham, on March 2019

- Participated and presented a paper in the Science Day Celebration on the topic Tamil Ilakkiyathil Ariviyal Koorukal, on March 2019
  - Participated and presented a paper in the National Seminar on Tamil Literature and Inscription Text and Context on the topic Mariyal Pulampal Critical Edition, Conducted by Dept of Tamil, University of Kerala on January 2019
  - Participated and presented a paper in the National Workshop on Tamil Malayalam Manuscriptology Siddha Five day Medical Manuscripts on the topic Tamil Maruthuva Chuvadikal, Conducted by Dept of Tamil University of Kerala on January 2019
  - Participated and presented a paper in the Five day National Workshop on Journalism and Mass Communication on the topic Ayvu Katturai Ezhuthum Muraikal, Conducted by Dept of Tamil UOK on February 2019
  - Participated and presented a paper in the National seminar on Syntactical structure in Tamil Language on the topic Tamil Virachozhiyathil thodar amaippu, Conducted by Dept of Tamil UOK on Mrch 2019
  - Participated as a Resource Person and Delived Six Lectures in the Refresher Course if College Teachers at UGC Human Centre, University of Kerala Conducted by UGC Human Resource Centre On the Topic Tamil Grammatical Theories on April and May 2019
  - Deliverd a Special Talk on Tolkappiya thorariyal in the APC Mahalakshmi College, Tuticorin 3.9.2019
  - Delivered a Key Note address in the National Seminar on Tamil Ilakkiyangalil PaNPATTU Pathivukal Conducted by Theivayanal Ammal College Viluppuram on 25.09.2019
- No. of PhD thesis submitted - 1no.
  - No. of MPhil dissertations awarded - 1no.
  - No. of MPhil dissertations submitted - 1no.
  - No. of workshops/FDPs/short term courses/ conferences attended
    - Convener, One Week National Workshop on the Topic Tamil Malayalam Manuscriptology – Siddha Medical Manuscripts at the Dept of Tamil, University of Kerala on 21-25 January 2019
    - Convener and Co-ordinator of the Five Day National Workshop on Journalism and Mass Communication at the Dept of Tamil, University of Kerala on 4<sup>th</sup> to 8<sup>th</sup> February 2019
    - Conver and Co-ordinator of the One day National Seminar on the topic Panmuga Nokkil Tamil Ilakkiyam” held at the Department of Tamil University of Kerala on 27<sup>th</sup> March 2019
    - Convener, of the Five Day National Workshop on on Tamil – Malayalam Manuscrtip Learning and Editing at the Dept of Tamil, University of Kerala on 18<sup>th</sup> to 22<sup>nd</sup> March 2019

- Convener and Co-ordinator of the Three Day National Seminar on on Syntacti Structure in Tamil Language at the Dept of Tamil, University of Kerala on 6<sup>th</sup> to 8<sup>th</sup> March 2019
  - Conver and Co-ordinator of the Three day National Seminar on the topic Cherachentamil Ilakkiyam” held at the Department of Tamil University of Kerala on 27<sup>th</sup> to 29<sup>th</sup> November 2019
14. Service as reviewer of journals/ seminar papers (give details)
- Editorial Board Member of International Journal of Muthukkamalam
  - Editorial Board Member of International Journal ‘Aram’
  - Editorial Board Member of International Journal Tamil sparkling
  - Editor, Elavenil Journal University of Kerala
15. Served as Chair/ member of committees/ boards/ councils/ commissions etc.
- Member Board of Studies Tamil,PG University Kerala Thiruvananthapuram
  - Chairman Board of Studies Tamil, Mar Ivanious College (Autonomous Thiruvananthapuram
  - Member, Board of Studies Tamil ( UG&PG ), Scot Christian College Nagercoil
  - Council of Direction (CD )Member in Dept of Tamil, University of Kerala
  - Member Board of Examination Tamil,PG University of Calicut
  - Academic Council Member University of Kerala
  - Member Board of Examination Tamil,UG University of Calicut
16. Details of international/ national/ state awards/ recognitions received.
- Received Ayvuchemmal National awardreceived from kaviyarasar kalai tamil sangam, Namakkal,
- Name of faculty: Dr. P Jeyakrishnan, Assistant Professor, Department of Tamil**
2. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ Published a research paper in the UGC approved International Journal of ModernTamil Research April –June 2019 Quarterly,on the topic “ Bharathiarum Vallatholum’ (Pp. 308-315). ISSN No 2321-984X
- Published a research paper in the UGC approved International Journal of Classical Thamizh Research April- June 2019 Quarterly,on the topic “ Keralathil Tamil Kalvi’ (Pp. 677-681). ISSN No 2321-0737
  - Published a research paper in the UGC approved International Journal of Classical Thamizh Research April- June 2019 Quarterly,on the topic “ Samuthaya Mozhiyiyal Nokkil Malayalam Tamil Akarathiyil Malayala Panpattu Chorkali’ (Pp. 306-309). ISSN No 2321-0737
3. No. of papers published in other peer reviewed journals with ISSN etc.
- Published a research paper in the Shanlax International Journal of Tamil Research Noverber 2019 on the topic “Pathittu Pathil Cherar Vazhipattu Muraikal ‘ (Pp. 16-20). ISSN No 2454-3993
  - No. of papers/ abstracts published in conference proceedings with ISBN
  - Published a research paper in the Proceedings of National Conference on Tamil Samookamaum held at Dept. of Tamil Alagappa University Karaikudi”in September 2019 (pp06-22)
  - No. of presentations in conferences/ seminars (indicate oral/ poster)
  - Participated as a Resource Person and Delivered a Lecturer in the Five Day National Workshop conducted by Dept. of Tamil University of Kerala Thiruvananthapuram on the topic “Tamil Malayala Maruthuva Suvadikalil Mozhi” on 21-25 Feb 2019
  - Participated and presented a Paper in the Three day National Seminar conducted Dept. of Tamil University of Kerala Thiruvananthapuram on the topic “Pathinen Keelkannakkil Thodarial Koorukal” on 06-08 March 2019
  - Participated and presented a Paper in the National Seminar conducted by International Institute of Tamil Studies Chennai at ANJA College Sivakasi on the topic “Malayala Tamil Akarathiyil Malayala Panpattu Chorkal” on 15 March 2019
  - Participated as a Resource Person and Delivered a Lecturer in the Five Day National Workshop conducted by Dept. of Tamil University of Kerala Thiruvananthapuram on the topic “Tamil Malayala Suvadikalil Katralum Karpithalum” on 18-22 March 2019
  - Participated and presented a Paper in the National Seminar conducted by International Institute of Tamil Studies University of Kerala Thiruvananthapuram on the topic “Malayal Tamil Akarathiyil Malayala Panpattu Chorkal” on 15 March 2019
  - Participated and presented a Paper in the National Seminar conducted by Dept. of Tamil University of Kerala Thiruvananthapuram Iand Alumni of the Dept.of Tamil University of Kerala on the topic “Chilampil Malai Nattu Koorukal” on 27 March 2019
  - Participated and presented a Paper in the Two National Seminar conducted by Dept. of Tamil Bharathiar University Coimbatore on the topic “Bharathiarum Vallatholum” on 28-29 March 2019
  - Participated as a Resource Person and Delivered Six Lecturer in the UGC NET Coching conducted by Dept. of Tamil University of Kerala Thiruvananthapuram on the topic “Research Methodoly” on 09-20 June 2019
  - Participated as a Resource Person and Delivered two Lectures in the Refresher Course of College Teachers at UGC Human Resource

Centre University of Kerala conducted by UGC Human Resource Centre University of Kerala Thiruvananthapuram on the topic “Forensic Linguistics ” on 29th April 2019

- Participated as a Resource Person and Delivered two Lectures in the Refresher Course of College Teachers at UGC Human Resource Centre University of Kerala conducted by UGC Human Resource Centre University of Kerala Thiruvananthapuram on the topic “Keralathil Kannaki Vazhipadu ” on 21st May 2019
- Participated as a Resource Person and Delivered two Lectures in the Refresher Course of College Teachers at UGC Human Resource Centre University of Kerala conducted by UGC Human Resource Centre University of Kerala Thiruvananthapuram on the topic “Keralathil Kannaki Vazhipadu ” on 30th May 2019
- Participated and presented a Paper in the National Conference conducted by A.P.C Mahalekshmi College Sivakasi Tuticorin on the topic “Chilappathikaram and Kannki Vazhipadu” on 19th June 2019
- Participated and presented a Paper in the National Conference conducted by Raja Kokila Arakkattalai, Thenkumari Tamil Sangam Nagercoil. on the topic “Tamil Ezhuthu Valarchi ” on 13th July 019
- Participated and presented a Paper in the National Seminar conducted by Muslim Arts College Thiruvithancode on the topic “Eliments of Tamil Literary Culture ” on 11th October 2019
- Participated and presented a Paper in the National Seminar conducted by Sree Ayappa College Nagercoil. on the topic “Current treants TamilResearch ” on 31st August 2019
- Participated and presented a Paper in the Two day National Seminar conducted by Dept. of Tamil University College Thiruvananthapuram on the topic “Ulavial Paarvaiyil Irattai Kappiyanakal on 30.11.2019 to 01.11.2019
- Participated and presented a Paper in the Three day National Seminar conducted Dept. of Tamil University of Kerala Thiruvananthapuram on the topic “India Panapatirirku Cherappulavarkalin Pankalippu ” on 19-21 November 2019
- Participated and presented a Paper in the Three day National Seminar conducted Dept. of Tamil University of Kerala Thiruvananthapuram on the topic “Pathitru Pathil Cherar Vazhi Pattu Muraikal ” on 27-29 November 2019
- Participated as a Resource Person and Delivered a Lecturer in the Five Day National Workshop conducted by Dept. of Tamil University of Kerala Thiruvananthapuram on the topic “Documentation of Kerala Tribal Language and Culture” on 02-06 December 2019
- Participated and presented a Paper in the Three day National Seminar conducted Schoo; of Indian Languages University of Kerala Thiruvananthapuram on the topic “Importance

of Teaching Spoken form of Tamil in Second Language Teaching ” on 11-13 December 2019

- Participated and delivered a Special Lecture conducted by Dept. of Tamil Baharathiar University Coimbatore on the topic “Tamail Malayalam Ilakkiam Or Oppeedu on 03.09.2019
- Participated and delivered a Special Lecture conducted by Dept. of Tamil Alagappa University on the topic “Temples and Tamil Society on 06.09.2019
- Participated and delivered a Special Lecture conducted by Dept. of Tamil ANJA College Sivakasi on the topic “Mozhiyaiyal Vakaikalum Kotpadukalum on 15.03.2019
- Participated and delivered a Special Lecture conducted by Dept. of Tamil Baharathiar University Coimbatore on the topic “Puthia Nokkil Bharati on 28.03.2019
- Participated and delivered a special Kecture in the National Seminar conducted by Sree Ayappa College Nagercoil. on the topic “Current treants Tamil Research ” on 31<sup>st</sup> August 2019
- 4. No. of PhD theses awarded - 1no.
- 5. No. of MPhil dissertations awarded - 1no.
- 6. No. of MPhil dissertations submitted - 1no.
- 7. No. of workshops/FDPs/short term courses/ conferences attended
- Participated in the Five Day National Workshop on Tamil Malayalam Manuscriptology conducted by Dept. of Tamil University of Kerala Thiruvananthapuram from 21.01,2019 to 25.01.2019
- Participated in the Five Day National Workshop of UGC NET at National Testing Agency Noida from 04.02,2019 to 08.02.2019
- Participated in the Five Day National Workshop on Tamil Malayalam Manuscript Learning and Editing conducted by Dept. of Tamil University of Kerala Thiruvananthapuram from 26.08.2019 to 30.08.2019
- Participated in the Five Day National Workshop of UGC NET at National Testing Agency Noida from 04.02,2019 to 08.02.2019
- Participated in the Five Day National Workshop on Documentation of Kerala Tribal Language and Culture conducted by Dept. of Tamil University of Kerala Thiruvananthapuram from 02.12.2019 to 06.12.2019
- Service as reviewer of journals/ seminar papers (give details)
- Editorial Board Member of International Journal of Modern Tamil Research
- Editorial Board Member of International Journal ‘Kaavya’
- Editorial Board Member of International Journal Tamil AuivuSangamam
- Editorial Board Member of Shanlax Multidisciplinary International Journal on Tamil Research

- Editorial Board Member of International Online Journal of Vallamai
- Editorial Board Member of International Journal of “Ayutha Ezhuthu
- 8. Served as Chair/ member of committees/ boards/ councils/ commissions etc.
- Chairman Board of Studies Tamil,PG University Kerala Thiruvananthapuram
- Chairman Board of Studies Tamil, Mar Ivanious College (Autonomous Thiruvananthapuram
- Member Board of Studies Tamil (Pass), Kerala University
- Member, Board of Studies Tamil (PG ), Dravidian University Kuppam Andhra Pradesh
- Member, Board of Studies Tamil ( UG&PG ), Scot Christian College Nagercoil
- Council of Direction (CD)Member in International School of Dravidian Linguistics Association Thiruvananthapuram ‘
- Chairman Board of Examination Tamil,PG University of Calicut
- Chairman Board of Examination Tamil,UG University of Calicut
- 9. Public talks/ discussions over AIR/ television channels
- Present a Talk on Dravidian Culture on 02.02.2019
- Attended as a Judge in the District Level School youth festival Tamil Stage Programmes

#### Any other activities

- Attended as a Chairman for conducting Ph.d Open defense at Dept. Of M.S University Tirunelveli on 26.02. 2019
- Attended as a Chairman for conducting Ph.d Open defense at Dept. Of M.S University Tirunelveli on 25.04. 2019
- Attended as a Chairman for conducting Ph.d Open defense at Dept. Of Tamil Rani anna College Tirunelveli on 22.5.2109
- Attended as a Chairman for conducting Ph.d Open defense at Dept. Of Tamil A.P.C Mahalexmi College Tuticorinon 19.06..2019
- Attended as a Chairman for conducting Ph.d Open defense at Dept. Of Tamil Scot Christian College Nagercoil 18.06..2019
- Attended as a Chairman for conducting Ph.d Open defense at Dept. Of Tamil Bharathiar University on 03.09.2019

#### Name of faculty: Dr. T. Vijayalakshmi, Assistant Professor

- 3. No. of papers published in other peer reviewed journals with ISSN etc.  
Published a research paper in the shanlax international journal of tamil research November 2019 on the topic “kadalodia cherarkal” ISSN NO 2454-3993
- 4. No. of book edited/ published with ISBN

Authored a theory book titled as “tamil literary theory” published by poovarashi publication, Chennai. ISBN:978-93-81322-52-2

Editor of proceedings of national seminar “Chera sentamil” published by shanlax international journal of Tamil Studies Madurai – 2019 ISSN No 2524-3993

- No. of presentations in conferences/ seminars (indicate oral/ poster)
- Inaugurated Priyadarshini vanitha vedi in Govt Law Secretariat,Trivandrum
- and delivered a Special Address on “Gender Justices” Delivered aspeech on “Eco Feminism” in All India Radio, Triandrum on 7 -03 -1-19
- Handled a training session for sc/st students on the topic “women empowerment” at postmetric hostel, trichi on 02-04-2019
- Participated as a Invited Speaker in the National Seminar Conducted by Gandhigram University on the topic “The New Inivitations in Folk and Tribal lore Research” on 25 -3—19
- Participated as a Invited Speaker in the national workshop on “tholkappiyamun,Melaithiranaivugalum” organized by the internal quality assurance cell of thiruvalluvar college on the topic tamil literary theory on 29.03.2019
- Participated as a Invited Speaker in the national seminar on “mahathma Gandhi and modern Indian youth” organized by nesamani memorial Christian college, marthandam, on 29.03.2019
- Participated as a Invited Speaker in the National Seminar Conducted by Gandhigram University on topic “penniya aavivu anugumurai” on 18 -10—2019.
- Participated as a Resource Person in the national Seminar conducted by Nirmala college, Coimbatore on the topic “Research Methodology for Feministic Research” on 13 -2-19.
- Participated as a resource person delivered two lecture in the refresher course of college teachers at UGC human resource center university of kerala, conducted by UGC human resource center university of Kerala, Trivandrum on the topic “tamil ilakkiya kotpaadu and feministic resource methedology” on 06-05-2019.
- Participated as a resource person delivered two lecture in the refresher course of college teachers at UGC human resource center university of Kerala, conducted by UGC human resource center university of Kerala, Trivandrum on the topic “feministic research methodology” on 22 -05-2019.
- Participated as a resource person delivered two lecture in the refresher course of college teachers at UGC human resource center university of kerala, conducted by UGC human resource center university of kerala, Trivandrum on the topic “tamil ilakkiya kotpaadu and feministic resource methodology” on 07-06-2019, 10-0-2019 (two sessions).

- Participated as a resource person delivered two lecture in the refresher course of college teachers at UGC human resource center Kannore, conducted by UGC human resource center university of Kerala, Trivandrum topic on “tamil literary tradition” on 01-08-2019, 10-06-2019 (two sessions).
  - Participated as a invited speaker in the international workshop conducted by the piral journal on the topic on “feministic approach” on 28-05-2019
  - Participated as a invited speaker in the international workshop conducted by the piral journal on the topic on “penniya aavu anugumurai” on oct
  - Participated as a key Note speaker in national seminar conducted by kashthuri college, Coimbatore on the topic “Impact of social media on education” on 04-04 2019
  - Participated as a key Note speaker in international seminar conducted by department of tamil, AVS college, Salem on the topic “tamil karpom vaareer” on 18-07-2019
5. No. of PhD theses awarded - 1 no.
  6. No. of PhD thesis submitted - 2 nos.
  7. No. of MPhil dissertations awarded - 1 no.
  8. No. of MPhil dissertations submitted - 1 no.
  9. Involvement in academic bodies as dean, academic council/ board of studies member etc.
    - Member, Board of Studies, Tamil University Tanjavur
    - Member, Board of Studies, M.S University Tirunelveli
    - Member, Board of Studies, Calicut University
  10. Details of international/ national/ state awards/ recognitions received.
 

Poovarasi award for “achiever 2018 Award”

Kaviyarasi award by “kaviyarasar kalvi tamil sangam”
  11. Public talks/ discussions over AIR/ television channels
    - Delived a All India Radio Talk on the topic Chozhaliyal Penniyam
    - Delived a All India Radio Talk on the topic Awareness on Workplace Harassment
    - Delived a All India Radio Talk on the topic Paliyal Vanmuraikal
- Name of faculty: Dr. A. Percilla, Assistant Professor**
1. No. of papers published in other peer reviewed journals with ISSN etc.
    - Dr. A Percilla, Published a research paper in the Shanlax International Journal of Tamil Research Noverber 2019 on the topic “Malaynattu Tamilil Kannasa Ilakkiyangal ‘ ISSN No 2454-3993
    - Dr. A. Percilla, Published an article in the International Journal of “Aaitha Ezhuthu” on the topic of “Thirikadugathil Virunthombal”, ISSN No.2278- 7550 – January 20
  2. No. of presentations in conferences/ seminars (indicate oral/ poster)
    - Participated and Presented in Five Day National Workshop conducted by Department of Tamil, University of Kerala on the topic “Tamil MalayalamManuscriptology – Siddha Medical Manuscript” on 21th to 25<sup>th</sup> January 2019
    - Participated in Five days National Workshop conducted by Department of Tamil, University College, Thiruvananthapuram on the topic “Influence of Pictures in Journalism” on 4<sup>th</sup> to 8<sup>th</sup> February 2019.
    - Participated and Presented a paper in three days National Seminar conducted by Department of Tamil, University of Kerala on the topic “Bharatha Malayil Thodariyal Koorugalum Mozhi Nadaiyum ” on 6<sup>th</sup> to 8<sup>th</sup> March 2019
    - Participated and Presented a Paper in Five days National Workshop conducted by Department of Tamil, University of Kerala on the topic “How to Edit Manuscripts” on 18<sup>th</sup> to 22<sup>nd</sup> March 2019
    - Participated and Presented a Paper in three days National Seminar conducted by Department of Tamil, ILANGO MANDRAM,University of Kerala on the topic “Tamizhanbanin Oor Sutri Vantha Osaiyil Angatham” on 27<sup>th</sup> March 2019
    - Resource person in three days UGC – NET Coaching conducted by Department of Tamil, University of Kerala on the topic “History of Tamil Literature” on 9<sup>th</sup> to 20<sup>th</sup> June 2019
    - Participated in Three days National Seminar conducted by Department of Tamil, University College, Thiruvananthapuram on the topic “Tamil Ilakkiyankalil Panpattu Pathuyvugalum Mattankalum” on 19<sup>th</sup> to 22<sup>nd</sup> November 2019.
    - Participated and Presented in Three day National Seminar conducted by Department of Tamil, University of Kerala, on the topic “TAMIL ILAKKIYANKALIL PANPATTU PATHUVUGALUM MATTANKALUM” on 19<sup>TH</sup> to 21<sup>st</sup> November 2019.
    - Participated and Presented a Paper in Three Day National Seminar conducted by School of Indian Languages, University of Kerala on the topic “Kannasa Ramayanathil Mozhinddai” on 11<sup>th</sup> to 13<sup>th</sup> December 2019
    - Participated and Presented a Paper in Three days National Seminar conducted by School of Indian Languages, ONV Memorial Academi Complex, University of Kerala on the topic “Kannasa Ramayanathil Mozhi Nadai” on 11th to 13th December 2019.
  3. No. of MPhil dissertations awarded - 1 no.
  4. No. of MPhil dissertations submitted - 1 no.
  5. No. of workshops/FDPs/short term courses/ conferences attended
    - Participated in Five Day National Workshop conducted by Department of Tamil, University of Kerala on the topic “Tamil MalayalamManuscriptology – Siddha Medical Manuscript” on 21th to 25<sup>th</sup> January 2019
    - Participated in Five days National Workshop conducted by Department of Tamil, University

College, Thiruvananthapuram on the topic “Journalism and Mass Communication ” on 4<sup>th</sup> to 8<sup>th</sup> February 2019.

- Participated in Five days National Workshop conducted by Department of Tamil, University of Kerala on the topic “Tamil – Malayalam Manuscript Learning and Editing” on 18<sup>th</sup> to 22<sup>nd</sup> March 2019
  - Participated One Day National Workshop conducted by University of Kerala, Thiruvananthapuram on the topic on “Outcome Based Education ” on 23<sup>th</sup> July 2019
  - Participated in the Three Day National Seminar Conductd by Ilango Mandram, Tamil Departement, University of Kerala & International Journal of “Shanlax International Journal of Tamil Research” on the topic of “Malai Naattu Thamizhil Kannasa Ilakkiyankal ”, 27<sup>th</sup> to 29<sup>th</sup> November 2019.
  - Participated in Five days National Workshop conducted by Manonmaniam Sundaranar Centre for Dravidian Cultural Studies, University of Kerala on the topic “Documentation of Dravidian Culture Conservation Process & Digital Technology” on 2<sup>nd</sup> to 6<sup>th</sup> December 2019
6. Details of international/ national/ state awards/ recognitions received.
- The Women Empowerment Award in Tamil Literature by Government of Tamilnadu, Library Department, Tirupur District on 2019
7. Any other activities.
- Public Viva-voce Examination conducted by Department of Tamil, R&D Centre, Bharathiar University, Coimbatore to Award of Vijaya Ananthi.S on 3<sup>rd</sup> October 2019
  - Public Viva-voce Examination conducted by Department of Tamil, R&D Centre, Bharathiar University, Coimbatore to Award of P.Veerakumar on 19<sup>th</sup> December 2019
  - Acted as a Judge in the Programme of Science Week and World Mother Tongue Day Celebrations From 25<sup>th</sup> March 2019 to 1<sup>st</sup> March 2019, conducted by the Department of Tamil, University of Kerala

**Name of faculty: Dr. Eltho Joy E ( Technical Staff)**

8. No. of book edited/ published with ISBN - 2 nos.

**Name of faculty: Dr. Muthulakshmi. S, Contract Lecturer**

9. No. of papers published in other peer reviewed journals with ISSN etc.
- Published a research paper in the Shanlax International Journal of Tamil Research Noverber 2019 on the topic “Pathittupathu Chuttum Pan ‘ ISSN No 2454-3993

**Name of faculty: Dr. S. Kamaraj, PDF Scholar**

10. No. of papers published in other peer reviewed journals with ISSN etc.
- Leelathilakam Pattilakanamum Ramacharitham pattum, Vallamai e journal,ISSN.2348-5531,2019.
  - Dr. Kamaraj. S, Published a research paper in the Shanlax International Journal of Tamil Research Noverber 2019 on the topic “Pattulakkia oolkalum Vadivamum ‘ ISSN No 2454-3993
11. No. of book edited/ published with ISBN
- ( Editors, Dr.P.Jeyakrishnan, Dr.Kamaraj S), Research Papers on National Seminar of South india into Indian culture, Manonmaniam Sundaranar centre for Dravidian Cultural Studies, university of Kerala, ISBN. 978-81-940771-2-1. 2019
  - ( Editors, Dr.P.Jeyakrishnan, Dr.Kamaraj S), Suvadhiyal Katturaikal, Manonmaniam Sundaranar centre for Dravidian Cultural Studies, university of Kerala, ISBN. 978-81-940771-2-1. 2019

**Name of faculty: Dr.M. Jeya Prakash, PDF Scholar**

- Dr. M. Jeyaprakash published a book named ‘Kerala Telungu Chetti Makkalin Nattupura Vilayattu, ISBN 978-93-88895-02-6
- Dr. M. Jeyaprakash published a book named ‘Kerala Telungu Chettika, ISBN 978-93-88895-03-3
- Dr. M. Jeyaprakash published a book named ‘Yoga for Working Women, ISBN 978-93-88895-04-0

**Name of faculty: Dr. Senthil. N, PDF Scholar**

- No. of papers published in other peer reviewed journals with ISSN etc.
- Dr. Senthil N, Published a research paper in the Shanlax International Journal of Tamil Research Noverber 2019 on the topic “Velan Samuthayathin Theyya kalaikal ‘ ISSN No 2454-3993

## ORI & MSS LIBRARY

**Year of establishment: 1908**

**Faculty of Oriental Studies**

### A. DEPARTMENT PROFILE

#### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender (M/F/TG)	Qualifications (Highest two)	Designation
1	Dr.Sainaba.M	F	M.Phil., Ph.D	Assistant Professor
2	Dr.Rejani.R.S	F	M.Phil., Ph.D	Assistant Professor & Head

2. Administrative staff - 2 nos. (F)

3. Programmes offered

Name of programme	strength	Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanctioned(Including marginal increase)	Actual							
Masters (.....)	Nil								
M.Phil (Manuscriptology)	2	1	--	1	--	--	--	--	100
PhD	14	6	--	1	1				

#### B. COMMON ACTIVITIES

- Journals, if any, published by the Dept. with ISSN, No of issues/year, index details, if any  
\* Pracheena Kairali - ISSN 2393-9222  
\* Journal of Manuscript Studies - ISSN 2393-9443

- No. of PhD theses submitted. -- 5
- No. of M. Phil dissertations awarded.-- 3
- No. of M. Phil dissertations submitted-- 3.
- Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	Yes
2.	No. of books in stock as on Jan 1,2019	16544
3.	No. of books added this year	544
4.	No. of offline journal subscribed	2
5.	No. of online journals subscribed	--
6.	No. of online books available	--
7.	Amount spend for purchase of books	1,28,963/-

- No of funded projects active during the year:  
(Project name, funding agency, total outlay)  
Project Name : Preservation of Manuscripts  
Funding Agency : National Manuscript Mission,  
New Delhi

- Total Outlay – 7 lakhs for 3 years
- Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1	National Workshop on Care and Preservation of Palm-leaf Manuscripts on 21-25 October 2019	National	University of Kerala	21-25 October 2019	75
2	National Seminar on Ancient Numerals and Measures in South India on 20-22 November 2019	National	University of Kerala	20 –22 November 2019	120
3	International workshop on Conservation of Cultural Heritage	International	University of Baroda University of Kerala (Workshop of Archaeology in Collaboration with Dept of ORI & Mss Library) Central Cultural Fund, SriLanka	9 - 15 December 2019	120



8. Details of community outreach programmes (Please give a brief description) – *Exhibition conducted in the month of January 2019.*
9. Steps taken to make the department differently

- abled friendly.- Ramp facility available
10. Green initiatives/ waste management/ energy saving measures. – Using waste dumping- ring
11. Details of alumni association.

Sl. No	Details	
1.	Name of the association	Thaliyola
2.	Registered or not	
3.	No. of meetings held this year	One
4.	No. of members added this year	Two
5.	Details of alumni contributions, including endowments, talks, donation etc	Nil

12. Details of eminent personalities visited in the department

\* Chinese Cultural Secretary visited the Dept of 23<sup>rd</sup> February 2019

\* Izabella from Paris, Eminent scholar visited the Dept on 29<sup>th</sup> February 2019

\* Dr.T.Nedumchezhiyan, Eminent Scholar from Tail Nadu visited the Dept on 13<sup>th</sup> March 2019

\* Volga, Eminent Scholar from Poland visited the Dept on 10<sup>th</sup> June 2019

\* Namitha Sugandhi, Research scholar from USA visited the Dept on 13<sup>th</sup> August 2019

\* Chihiro Saito, International Social Development, Nichon Fukushi University of Japan visited the Dept on 13<sup>th</sup> August 2019

\* Dr.Krish from Vadodara, Gujarat visited the Dept on 12<sup>th</sup> December 2019

\* Menaka Rodingo from Srilanka visited the Dept on 12<sup>th</sup> December 2019

\* Johan Singh, Eminent Sociologist, Mysore visited the Dept on 27<sup>th</sup> December 2019

13. Details of awards received by faculty/ staff/ students. – Moulana Azad National Fellowship awarded to Smt.Asha.C.S, Research scholar of this Dept.

14. Other major achievements and activities, including invited lectures, interactions, get together etc.

\* Dr.Ganapathi Sastri Memorial Lecture conducted in the month of January 2019

Dr.Raghavan Pillai Endowment lecture conducted in the month of November 2019

#### CONTRIBUTION AT INDIVIDUAL LEVEL

**Name of faculty : Dr.Sainaba.M.**

4. No. of papers published as chapters in books - 1
5. No. of presentations in conferences/ seminars (indicate oral/ poster) - 8
6. No. of PhD thesis submitted - 1
7. No. of MPhil dissertations awarded - 1
8. No. of workshops/FDPs/short term courses/ conferences attended - 3
9. Involvement in academic bodies as dean, academic council/ board of studies member

etc. -Involved as Board of Studies Member – Malayalam Sarvakalasala, Thirur

10. Service as reviewer of journals/ seminar papers (give details) –

- Editor of two Department Journals – Journal of Manuscripts Studies and Pracheenakairali

#### Seminar Papers

- Act as resource person in the Workshop in Tamil/ Malayalam Manuscriptology, Siddha Medical Manuscripts held at Department of Tamil, University of Kerala on 21/01/2019 to 25/01/2019

- Act as resource person in the Workshop “Gaveshanareethisasthrathile vaijnanikatheetha kazhchappadukal” held at Department of Malayalam, University of Kerala, on 04/02/2019 to 15/02/2019

- Act as resource person in the Workshop “Tamil Malayalam Manuscripts Learning and Editing “ held at Department of Tamil, University of Kerala on 18/03/2019 to 22/03/2019

- Act as resource person in the Workshop “Social History of Mathematical Practices in South India” held at Department of Indology, French Institute of Pondicherry at 11<sup>th</sup> and 12<sup>th</sup> July 2019

- Presented a paper in a Symposium “Way towards Interdisciplinary Studies in Indian History Organised” by Bhandarkar Oriental Research Institute, Pune on 28<sup>th</sup> and 29<sup>th</sup> September 2019

- Act as Resource Person in the Workshop “Care and Preservation of Palm-leaf Manuscripts “ held at ORI & Mss Library on 21/10/2019 to 25/10/2019

- Co-ordinator of Three day National Seminar “Ancient Numerals and Measures in South India” held at ORI & Mss Library on 20/11/2019 to -22/11/ 2019

- Act as resource person in the Workshop on “Conservation of Cultural Heritage” held at Department of Archaeology, University of Kerala on 09/12/2019 to 15/12/2019

**Name of faculty : Dr.Rejani.R.S.**

8. No. of presentations in conferences/ seminars (indicate oral/ poster) – 1

- Presented a paper on Three day National Seminar “Ancient Numerals and Measures in South India” held at ORI & Mss Library on 20/11/2019 to -22/11/ 2019
  - Act as resource person in the Workshop on “Conservation of Cultural Heritage” held at Department of Archaeology, University of Kerala on 09/12/2019 to 15/12/2019
9. No. of PhD thesis submitted - 4
10. No. of MPhil dissertations awarded - 2
11. No. of workshops/FDPs/short term courses/ conferences attended – 2
- Co-ordinator of the Workshop “Care and Preservation of Palm-leaf Manuscripts “ held at ORI & Mss Library on 21/10/2019 to 25/10/2019
  - Chair a session on Three day National Seminar “Ancient Numerals and Measures in South India” held at ORI & Mss Library on 20/11/2019 to -22/11/ 2019
12. No. of foreign visits for academic purposes - Nil
13. Served as Chair/ member of committees/ boards/ councils/ commissions etc. - 1

## DEPARTMENT OF KERALA STUDIES

Year of Establishment:2019

(INTERNATIONAL CENTRE FOR KERALA STUDIES BEING UPGRADED INTO DKS)

### A. DEPARTMENT PROFILE

#### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Dr. C.R. Prasad	M	Phd	Professor

#### 2. Administrative staff 3 (1M/2F)

#### 3. Programmes offered

Name of programme	strength	Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
Ph.D.	Sanc-tioned(In-cluding marginal increase) Actual	52	Nil	3	Nil	30	Nil	Nil	
Masters (.....MA...)	13	8	Nil	1	Nil	11	Nil	Nil	
M.Phil (.....)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	
PhD									
Post Doc	1	M	Nil	Nil	Nil	Nil	Nil	Nil	

### B. COMMON ACTIVITIES

#### 1. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	No,
2.	No. of books in stock as on Jan 1,2019	12200
3.	No. of books added this year	363
4.	No. of offline journal subscribed	Nil
5.	No. of online journals subscribed	Nil
6.	No. of online books available	Nil

# SCHOOL OF LIFE SCIENCES AQUATIC BIOLOGY AND FISHERIES

Year of establishment: 1938

Faculty of Science

## A. DEPARTMENT PROFILE

### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender (M/F/TG)	Qualifications (Highest two)	Designation
1	Dr. A. Biju Kumar	M	M.Phil., Ph.D.	Professor and Head
2	Dr. R.B. Pramod Kiran	M	M.F.Sc., Ph.D.	Assistant Professor
3	Dr. Kurian Mathew Abraham	M	M.Phil., Ph.D.	Assistant Professor
4	Dr. Mithun Sukumaran	M	M.Sc., Ph.D.	Assistant Professor

### 2. Administrative staff - 4 nos. (3 F, 1 M)

### 3. Programmes offered

Name of programme	strength		Female	TG	SC	ST	Other reserved categories	Out-side state	Foreign	Pass %
	Sanctioned (Including marginal increase)	Actual								
Masters (Aquatic Biology & Fisheries)	15	15	14	0	2	1	4			100
M.Phil. (Aquatic Biology & Fisheries)	4	4	4	0	1	0	1			100
M.Phil. (Marine Science and Technology)	2	1	1	0	0	0	0			100
Ph.D. (Aquatic Biology & Fisheries)	23	23	11	0	4	0	3	0	1	
Post. Doc.	2	2	0	0	0	0	0	1	0	

## B. COMMON ACTIVITIES

### 1. Journals, if any, published by the Dept. with ISSN, No of issues/year, index details, if any

Journal of Aquatic Biology and Fisheries (ISSN 2321 – 340X)- Two issues (Listed in UGC CARE)

### 2. Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.

- Aneesh, P.T., Helna, A.K. and Biju Kumar, A. Redescription and neotype designation for the poorly known fish parasitic cymothoid *Joryma brachysoma* (Pillai, 1964) (Crustacea: Isopoda)

from India. *Folia Parasitologica* 2019; 66: 014. doi: 10.14411/fp.2019.014; ISSN, 00155683, 18036465 (IF 1.405)

- Aneesh, P.T., Helna, A.K., Trilles, J.P. and Kailash Chandra. A taxonomic review of the genus *Joryma* Bowman and Tareen, 1983 (Crustacea: Isopoda: Cymothoidae) parasitizing the marine fishes from Indian waters, with a description of a new species. *Marine Biodiversity* 2019; 49: 1449–1478 1867-1616 (Print), 1867-1624 (Online) (IF 1.743)
- Aneesh, P.T., Helna, A.K., Trilles, J.P. and Kailash Chandra. Occurrence and redescription of *Anilocra leptosoma* Bleeker, 1857 (Crustacea: isopoda: Cymothoidae) parasitizing the clupeid

- fish *Tenuulosa toli* (Valenciennes) from the Arabian Sea, India. *Marine Biodiversity* 2019; 49: 443–450 1867-1616 (Print), 1867-1624 (Online) (IF 1.743)
- Bhagyalekshmi, V. and Biju Kumar, A. Morphological Abnormalities of Indian Ring Skate, *Orbiraja powelli* (Alcock, 1898) (Rajiformes: Rajidae) Collected in the Southwest Coast of India *Thalassas: An International Journal of Marine Sciences* 2019; 0212-5919 (Print), 2366-1674 (Online) (IF 0.576)
  - Biju Kumar, A., Smrithy Raj, Arjun, C.P., Unmesh Katwate and Rajeev Raghavan. Jurassic invaders: flood-associated occurrence of arapaima and alligator gar in the rivers of Kerala. *Current Science* 2019; 116 (10): 1628-1630 0011-3891 (IF 0.756)
  - Devi, S.D., Biju Kumar, A. and Ng, PKL. New records of two brachyuran crabs (Crustacea: Decapoda), *Naxioides robillardi* (Miers, 1882) (Epialtidae) and *Lupocyclus tugelae* Barnard, 1950 (Portunidae) from India. *Thalassas: An International Journal of Marine Sciences* 2019; 0212-5919 (Print), 2366-1674 (Online) (IF 0.576)
  - Devi, S.D., Mendoza, J.C.E., Ravinesh, A., Indress Babu, Biju Kumar, A. and Ng, P.K.L. 2019. On a collection of brachyuran crabs from Lakshadweep, Indian Ocean (Crustacea: Decapoda: Brachyura). *Zootaxa*, 4613 (3): 477-501 1175-5326 (Print), 1175-5334 (Online) (IF 0.990)
  - M. Dhaneesha, O. Hasin, K. C. Sivakumar, R. Ravinesh, C. Benjamin Naman, S. Carmeli & T. P. Sajeevan. DNA Binding and Molecular Dynamic Studies of Polycyclic Tetramate Macrolactams (PTM) with Potential Anticancer Activity Isolated from a Sponge-Associated *Streptomyces zhaozhouensis* subsp. *mycale* subsp. nov. *Marine Biotechnology* 2019; 21: 124–137 1436-2228 (Print) 1436-2236 (Online) (IF 2.798)
  - Komai, T., Reshmi, R., Rahayu, D.L. and Biju Kumar, A. 2019. Redescription of the little known hermit crab, *Clibanarius clibanarius* (Herbst, 1791) (Decapoda: Anomura: Diogenidae), based on material from southern India and type material. *Zootaxa* 4555 (3): 372–384 1175-5326 (Print), 1175-5334 (Online) (IF 0.990)
  - Mithun S., Vijayagopal, P., Chakraborty, K., Chan, D.P.S. Evaluation of Gross Protein and Lipid Requirements in Formulated Feed for Honey Gourami (*Trichogaster chuna* Hamilton 1822). *Journal of the World Aquaculture Society*, 800-814. <https://doi.org/10.1111/jwas.12557>. 1749-7345 (IF 1.34)
  - Ng PKL, Priyaja P, Kumar AB, Devi SS. A collection of crabs (Crustacea, Brachyura) from the southwestern coast of India, with a discussion of the systematic position of *Nectopanope Wood-Mason* in *Wood-Mason & Alcock, 1891* (Euryplacidae). *Zoo Keys* 2019; 818: 1–24 1313-2989 (print); 1313-2970 (web) (IF 1.143)
  - Ng, PKL, Bineesh, KK, Ranjan Kumar, R. and Ravinesh R. *Umalia trirufomaculata* (Davie and Short, 1989) in India, with a note on the taxonomy of *U. misakiensis* (Sakai, 1937) (Decapoda: Brachyura: Raninidae). *Nauplius: The Journal of The Brazilian Crustacean Society* 2019; 27: e2019015 ISSN 2358-2936 (IF 1.381)
  - Ravinesh, R., Biju Kumar, A. and Tan, S.K. First record and range extension of *Liotina cycloma* Tomlin, 1918 (Gastropoda: Liotiidae) to the Central Indian Ocean. *Strombus* 2019; 25(1-2), 1-4. ISSN (print); 1415-2827; ISSN (online); 1983-2214
  - Riyas, A., Biju Kumar, A. and Vakani, B. First Record of Rhizostome Jellyfish *Catostylus perezii* Ranson 1945 (Cnidaria: Scyphozoa) from the Indian Coast. *Thalassas: An International Journal of Marine Sciences* 2019; 35:519–524 0212-5919 (Print), 2366-1674 (Online) (IF 0.576)
  - Smrithy, R., Biju Kumar, A., Raghavan, R. and Dahanukar, N. Amazonian invaders in an Asian biodiversity hotspot: Understanding demographics for the management of the armoured sailfin catfish, *Pterygoplichthys pardalis* in Kerala, India. *Journal of Fish Biology* 1095-8649 (IF 2.032)
  - Victor, B.C. & Kumar, A.B. *Pteropsaron indicum*, a new species of signalfish (Teleostei: Trichonotidae: Hemerocoetinae) with a micro-CT analysis of osteology. *Journal of the Ocean Science Foundation* 2019;33, 70–78. doi: <https://doi.org/10.5281/zenodo.3497519>. ISSN 1937-7835 (IF 0.794)
  - Warwick H.... Biju Kumar, A. et al. World Octopus Fisheries. *Reviews in Fisheries Science & Aquaculture* 2019; ISSN, 23308249, 23308257 (IF 3.775)
  - Yoshikawa, A., Ikeo, K., Imoto, J., Jaingam, W., Putri, L.S.E., Mardiansyah, Biju Kumar, A. and Asakura, A. Molecular phylogeny of *Clibanarius Dana, 1852* from the Indo-west Pacific: evolution of pereopod colour pattern and habitat adaptation. *Crustaceana* 2019; 90 (7-10): 1079-1097 0011-216X (print), 1568-5403 (online) 0.794
3. Details of papers published by the faculty members of the department as chapters in books with details such as title of the paper, title of the book, editors, publisher, etc.
    - Biju Kumar, A. 2019. Climate change implications on Inland Aquatic Ecosystems and Fisheries of Kerala. In: *Impact of Climate Change on Fisheries Sector* (Kurian, PH, Ed.). Institute for Climate Change Studies, Kottayam, pp. 9-24. (ISBN: 978-81-935344-1-0)
    - Biju Kumar, A. and Suvarna Devi, S. 2019. Climate change, freshwater ecosystems and inland fisheries: Implications for Kerala. In: *Impact of Climate Change on Fisheries Sector* (Kurian, PH, Ed.). Institute for Climate Change Studies, Kottayam, pp. 25-47 (ISBN: 978-81-935344-1-0)
    - Biju Kumar, A. 2019. The biodiversity of Indian Ocean benthos and taxonomic impediment: The way forward. In: *Compendium on Advances in Benthic Studies: Souvenir of the International Conference on Benthos (ICB 2019)* (Bijoy

- Nandan, S., Priyaja, P., Jayachandran, P.R. (Eds), Directorate of Publications, Cochin University of Science and Technology, Kochi, India, pp. 79-84. (ISBN: 978-81-934231-1-0)
- Biju Kumar, A. 2019. Climate Change Impact on estuarine biodiversity: Challenges of India. In: Proceedings of the National Seminar on Environmental Status of Estuarine and Coastal Ecosystems (ECEI- 2019), Department of Environmental Sciences, University of Kerala (Junaid HS, Salom, SGT, Eds.), pp. 3-4 (ISBN: 9789353469269)
  - Biju Kumar, A., Dinesh, C., Purushan, K.S., Shaji, C.P., Peter, T and Charles George. 2019. Coastal and marine ecosystems of Kerala. In: A Green Print for Sustainable Kerala. DC Books, Kottayam, (VS Vijayan, Lalitha Vijayan, Eds). ISBN : 9789353900588
  - Dinesh, C., Biju Kumar, A., Gopalan, UK., Purushan, K.S. Shaji, C.P. and Peter, T. 2019. Fisheries. DC Books, Kottayam, (VS Vijayan, Lalitha Vijayan, Eds). ISBN : 9789353900588
  - Biju Kumar, A., Dinesh, C., Purushan, K.S., Shaji, C.P., Peter, T and Charles George. 2019. Keralathile theeradesha-samudra aavasavyavasthakal. In: Susthira Keralathinu Oru Haritharekha. DC Books, Kottayam, (VS Vijayan, Lalitha Vijayan, Eds). ISBN : 9789353900564 (Malayalam)
  - Dinesh, C., Biju Kumar, A., Gopalan, UK., Purushan, K.S. Shaji, C.P. and Peter, T. 2019. Fisheries. In: Susthira Keralathinu Oru Haritharekha. DC Books, Kottayam, (VS Vijayan, Lalitha Vijayan, Eds). ISBN : 9789353900564 (Malayalam)
4. Details of papers/ abstracts published by the faculty members of the department in conference proceedings with ISBN, month/ year, indexing details if any etc.
- Akhil Raj R. and Kurian Mathew Abraham, 2019. Fish landing diversity of traditional fishing crafts at Anchuthengu Fishing Village, Thiruvananthapuram, Kerala. National Seminar on Biodiversity Conservation, 21-23 November, 2019, Department of Zoology, University of Kerala, Thiruvananthapuram. Abs.No. NSBC OR 13.
  - Akhil Raj R. and Kurian Mathew Abraham, 2019. Marine turtle poaching status along fishing harbours of Thiruvananthapuram district, Kerala. National Seminar on Ecology and Conservation, 14-16 January 2019, Department of Zoology, University of Kerala, Thiruvananthapuram. Abs. No. ECOR 05.
  - Amrutha P. and Biju Kumar, A. 2019a. Diversity of Brachyuran crabs along the intertidal areas of Vizhinjam, Kerala coast, India. Presented in the 11th NABS-National Conference on Climate Change Driven Challenges on Indian Biodiversity: Innovative Solutions for Sustainable Development, 25 -27 September, 2019, Pondicherry University, Abstract p 44.
  - Amrutha P. and Biju Kumar, A. 2019b. Diversity of Brachyuran crabs on the rocky shore habitats of South Kerala. National Seminar on Biodiversity Conservation, 21-23 November, 2019, Dept of Zoology, University of Kerala, Kariavattom, Abstract p 32.
  - Anjaly M. P. and Pramod Kiran R. B. 2019. Fatty acid profile of *E. suratensis* (Bloch, 1870) from different ecosystems. In: National Seminar On Biodiversity Conservation. Book of Abstracts, Department of Zoology, University of Kerala. 21-23 November, 2019.
  - Anjaly M. P. and Pramod Kiran R. B. 2019. Infectivity of freshwater parasitic Isopod, *Alitropus typus*. H.Milne Edwards, 1840, at different pH levels on GIFT tilapia (*Oreochromis niloticus*). In: National Seminar on Ecology and Conservation. Book of Abstracts, Department of Zoology, University of Kerala, 14- 16 January, 2019.
  - Anjaly M. P., Satyen Kumar Panda, Pankaj Kishore And Pramod Kiran R. B. 2019. Studies on the fatty acid composition of the state fish, *Etroplus suratensis* (bloch, 1790). In: National Seminar On Recent Advances In Biological Sciences. Book of Abstracts, Department Of Zoology, University Of Kerala, 16 October, 2019.
  - Anjaly M.P., Kurian Mathew Abraham and Pramod Kiran R.B., 2019. Infectivity of freshwater parasitic isopod, *Alitropus typus* H.Milne Edwards (1840) at different pH levels on gift Tilapia, (*Oreochromis niloticus*). National Seminar on Ecology and Conservation, 14-16 January 2019, Department of Zoology, University of Kerala, Thiruvananthapuram. Abs.No. ECOR 18.
  - Aneesh P.T., 2019. Parasitic Crustaceans Infesting the Marine Fishes From Indian Waters: Taxonomy, Physiology of Growth and Reproduction, Host-Parasite interaction. in the Publication Day meeting of Water Research Group (WRG), North West University: Potchefastroom, 2520, South Africa on 1st February 2019.
  - Anupama, V.S. and Biju Kumar, A. 2019. Gut Content Analysis of Exotic Red Bellied Pacu [*Piaractus Brachypomus* (Cuvier 1818)] From Wembanad-Kole Wetland, Kerala. In National Seminar on Biodiversity Conservation. Department of Zoology, University of Kerala, Karivattom, 21-23 November, 2019.
  - Arathi, A.R., Ravinesh, R and Biju Kumar, A. 2019. Bivalve (Mollusca; Bivalvia) Diversity of Lakshadweep, India. Book of Abstracts, International Conference on Benthos (ICB 2019)" organised by Dept. of Marine Biology, Microbiology and Biochemistry, Cochin University of Science and Technology, Kerala.
  - Arathi. A.R, Ravinesh R, and Biju Kumar. A. 2019. Cardiid molluscs (cardiidae) of central Indian Ocean. Book of Abstracts, International Conference on Benthos (ICB 2019)" organised by Dept. of Marine Biology, Microbiology and Biochemistry, Cochin University of Science and Technology, Kerala.

- Arya K.S. and Kurian Mathew Abraham, 2019. Evaluation of sewage induced liver histopathology of Tilapia, *Oreochromis mossambicus* using scanning electron and light microscopy. National Seminar on Biodiversity Conservation, 21-23 November, 2019, Department of Zoology, University of Kerala, Thiruvananthapuram. Abs. No. NSBC OR 20.
- Aryaraj, D and Biju Kumar, A. "Diversity of Rocky shore sponges (Phylum: Porifera) of Southern west coast of India". In National Seminar on Biodiversity Conservation. Department of Zoology, University of Kerala, Karivattom, 21-23rd November, 2019, Abstract p- 39.
- Athira M. Nair, Kurian Mathew Abraham and K. Sobhanakumar, 2019. Evaluation of Baker's Yeast (*Saccharomyces cerevisiae*) and *Spirulina* (*Spirulina platensis*) as alternative feeds for *Penaeus monodon* hatchery larval rearing. National Seminar on Ecology and Conservation, 14-16 January 2019, Department of Zoology, University of Kerala, Thiruvananthapuram. Abs. No. ECOR 06.
- Athira S., Sreekanth G. B., Pramod Kiran R. B. 2019. Feeding biology of *Etroplus suratensis* (Pisces: Cichlidae) larvae. In: World Brackishwater Aquaculture Conference (BRAQCON 2019). Book of Abstracts, ICAR-Central Institute of Brackishwater Aquaculture (CIBA) & Society of Coastal Aquaculture and Fisheries (SCAFI), January 23-25, 2019, Chennai, p. 300.
- Athira Sivan and Kurian Mathew Abraham, 2019. Mining industry induced alterations of sediment parameters of west coast canal system at Chavara, Kerala. National Seminar on Ecology and Conservation, 14-16 January 2019, Department of Zoology, University of Kerala, Thiruvananthapuram. Abs.No. ECPO 02.
- Bhagyalekshmi V. and Biju Kumar A. 2019. Effects of commercial trawl fishery on non-commercial batoids in the south coast of India: Conservation needs. Book of Abstracts p. 159-160. Sixth Biennial Conference of Ocean Society of India, 12-14 December 2019, Kochi, India.
- Biju Kumar A. and Riyas A. 2019. Jellyfish blooms in India: ecosystem implications and socio-economic concerns. Book of Abstracts p. 84. 6th International Jellyfish Blooms Symposium, 4 - 6 November 2019, Cape Town, South Africa.
- Biju Kumar, A. 2019. Circumventing the shortfalls in aquatic biodiversity documentation of Kerala and prioritizing research: The Way forward. First Kerala State Biodiversity Congress 2019, Kerala State Biodiversity Board at Government Brennen College, Thalasserry.
- Biju Kumar, A. 2019. Climate change impact on estuarine resources: Challenges for India" in the National Seminar on the Environmental Status of Estuarine and Coastal Ecosystems of India (ECEI 2019) organised by Dept of Environmental Sciences, University of Kerala on 16th March 2019
- Biju Kumar, A. 2019. Environmental Perspectives for Rebuilding Kerala. National Seminar on "Environmental degradation consequent to Kerala floods 2018 and remediation" organised by University College Zoology Alumni Association on 2nd March 2019.
- Biju Kumar, A. 2019. From Genes to Biomes: Emerging Trends in Conservation" in the International Seminar on "Life Sciences for Sustainable Development: Issues and Challenges" organised by Dept. of Botany, University College, Trivandrum on 5th October 2019.
- Biju Kumar, A. 2019. Natural Disasters: Implications on Environment and Society" in the National Seminar on Disasters and Crisis: Preparedness, Management and Resilience organised by UGC HRDC, University of Kerala and Society of Innovative Researchers and Academicians (SIRA) on 12th October 2019.
- Biju Kumar, A. 2019. Rebuilding Kerala: Ecocentric Solutions for Ecorestoration and Sustainable Development. 45th All India Sociological Conference organised by Indian Sociological Society and University of Kerala on 29th December 2019.
- Biju Kumar, A. 2019. Spineless: Known, Unknown and Unknowable Marine Invertebrate Biodiversity of India and Conservation Challenges. Book of Abstracts, National Conference on "Aquatic Ecosystems: Sustainability and Conservation" organised by IISER, Pune on 20th December 2019.
- Biju Kumar, A. 2019. Sustainable Marine Fisheries: The Way Forward. Book of Abstracts, National Seminar on "Blue Growth Initiative: Sustainable Fishery Development Strategies and Advanced Technologies for Aquaculture" organised by FMN College, Kollam on 9th August 2019.
- Biju Kumar, A. 2019. The Biodiversity of Indian Ocean Benthos and Taxonomic Impediment: The Way Forward. Book of Abstracts, International Conference on Benthos (ICB 2019)" organised by Dept. of Marine Biology, Microbiology and Biochemistry, Cochin University of Science and Technology, Kerala.
- Biju Kumar, A. and Smrithy Raj 2019. Management of invasive fish in the Western Ghats biodiversity hotspot: A policy framework. Book of Abstracts, the R&D Conference on Invasive Alien Species Management and Biosecurity Measures in the Asia Pacific Region organised during 8-12 July 2019 in Manila, Philippines.
- Jyothylakshmi, K. and Kurian Mathew Abraham, 2019. A preliminary survey on indicator aquatic insect groups along Killiyar, Thiruvananthapuram District, Kerala. National Seminar on Ecology and Conservation, 14-16 January 2019, Department of Zoology, University of Kerala, Thiruvananthapuram. Abs.No. ECPO 06.
- Jyothylakshmi, K., Kurian Mathew Abraham, S. Nandakumar and M.G. Sanalkumar, 2019. Premonsoon health status assessment of Killiyar,

- a tributary of Karamana river using Odonate population as biomonitoring tool. Proceedings of the International Seminar on Blue Growth Initiative: Sustainable Fishery Development Strategies and Advanced Technologies for Aquaculture, 7-9 August, 2019, Fathima Matha National College (Autonomous), Kollam. Abs.No. 51. Pp. 51-53.
- Jyothylakshmi, K., Kurian Mathew Abraham, S. Nandakumar and M.G. Sanalkumar, 2019. Screening of microbial indicators of Killiyar, A tributary of Karamana River with special reference to monsoon season. Seminar Proceedings of the National Seminar on Advances in Earth and Environmental Sciences, 20 September, 2019 (Eds. S.G.T. Vincent and P.S. Godson), The School of Earth System Sciences, University of Kerala, Thiruvananthapuram, pp.106 Abs.No. EP&T 9 (ISBN:978-93-5391-221-5)
  - Jyothylakshmi, K., Kurian Mathew Abraham, S. Nandakumar and M.G. Sanalkumar, 2019. Do urban river systems are ecosustainable? A Premonsoon microbial evaluation of health status of Killiyar, a tributary of Karamana river, Thiruvananthapuram. National Seminar on Promotion of Eco-friendly and Sustainable Innovations, 25 July, 2019, College of Agriculture, Vellayani, Thiruvananthapuram. Abs.No. 13.
  - Jyothylakshmi, K., Kurian Mathew Abraham, S. Nandakumar and M.G. Sanalkumar, 2019. Premonsoon health status assessment of Killiyar, a tributary of Karamana river using Odonate population as biomonitoring tool. International Seminar on Blue Growth Initiative: Sustainable Fishery Development Strategies and Advanced Technologies for Aquaculture, 7-9 August, 2019, Fathima Matha National College (Autonomous), Kollam. Abs.No. 51.
  - Jyothylakshmi, K., Kurian Mathew Abraham, S. Nandakumar and M.G. Sanalkumar, 2019. Screening of microbial indicators of Killiyar, A tributary of Karamana River with special reference to monsoon season. National Seminar on Advances in Earth and Environmental Sciences, 20 September, 2019, The School of Earth System Sciences, University of Kerala, Thiruvananthapuram. Abs.No. EP&T 9.
  - Jyothylakshmi, K., Kurian Mathew Abraham, S. Nandakumar and M.G. Sanalkumar, 2019. Biomonitoring of Killiyar, A Tributary of Karamana River using Entomological indicators. National Seminar on Biodiversity Conservation, 21-23 November, 2019, Department of Zoology, University of Kerala, Thiruvananthapuram. Abs. No. NSBC OR 27.
  - Kurian Mathew Abraham and Apresgi K.P., 2019. True mangrove crab distribution and conservation status along mangrove patches of Kerala. National Seminar on Biodiversity Conservation, 21-23 November, 2019, Department of Zoology, University of Kerala, Thiruvananthapuram. Abs. No. NSBC OR 18.
  - Kurian Mathew Abraham and Athira Sivan, 2019. Sediment quality alterations due to Kerala floods at Chavara region of West Coast Canal System. National Seminar on Recent Advances in Biological Sciences, 16 October, 2019, Department of Zoology, University of Kerala, Thiruvananthapuram. Abs.No. AS 09.
  - Kurian Mathew Abraham, Elizabeth Sara Kurian, Saranya Prasanth B., Anju Krishna and Parvathy K., 2019. Chromatophore enrichment through Spirulina diet in gold fish, *Carassius auratus*. National Seminar on Biodiversity Conservation, 21-23 November, 2019, Department of Zoology, University of Kerala, Thiruvananthapuram. Abs. No. NSBC OR 22.
  - Melby Emmanuel, Sreekanth G. B., Pramod Kiran R. B. 2019. Growth parameters and feeding ecology of euryhaline cichlid *Etroplus suratensis* (Bloch, 1790) from a freshwater and brackishwater ecosystem in Kerala, India. In: World Brackishwater Aquaculture Conference (BRAQCON 2019). Book of Abstracts, ICAR-Central Institute of Brackishwater Aquaculture (CIBA) & Society of Coastal Aquaculture and Fisheries (SCAFi), January 23-25, 2019, Chennai, p. 300.
  - Muneer A., Akhil Ignus, Sobhanakumar K. and Mithun Sukumaran, 2019. Influence of tomato, ladies finger and spinach on the utilization of inorganic nitrogen in media based ebb-and-flow aquaponics system. In: Proceeding of 31st Kerala Science Congress during 2-3 February 2019. Fatima Mata College, Kollam.
  - Priya, P. and Mithun Sukumaran, 2019. Antibacterial activity of Vilwadi- Ayurvedic Medicine vs Fish Pathogens. National Seminar on Recent Advances in Biological Sciences organized by Dept. of Zoology, University of Kerala on 16 October, 2019.
  - Ravinesh, R., Anjana, V.L., Arathi, A.R., and Biju Kumar, A. (2019) Molluscan fauna of Asthamudi lake, Kerala, India, Book of Abstracts P. 176-179. National Seminar on Environmental Status of Estuarine and Coastal Ecosystems in India, (ECEI-2019) 14-16 Feb 2019, Department of Environmental science, University of Kerala, India. (ISBN No: 9789353469269).
  - Ravinesh, R., Arathi, A.R., and Biju Kumar, A. 2019. Bivalve (Mollusca; Bivalvia) Diversity of Lakshadweep, India. Book of Abstracts, International Conference on Benthos (ICB 2019)" organised by Dept. of Marine Biology, Microbiology and Biochemistry, Cochin University of Science and Technology, Kerala.
  - Remya, G.R. and Mithun Sukumaran, 2019. A simplified farmer friendly version of biofloc technology for Labeo rohita- evaluation of growth performance. National Seminar on Recent Advances in Biological Sciences organized by Dept. of Zoology, University of Kerala on 16 October, 2019.

- Riyas A. and Biju Kumar A. 2019. Jellyfish blooms along the southwest coast of India: current status and trends. Book of Abstracts p. 25. 6th International Jellyfish Blooms Symposium, 4 - 6 November 2019, Cape Town, South Africa.
  - Riyas A. and Biju Kumar A. 2019. Venom proteome of three blooming jellyfishes *Chrysaora caliparea*, *Cyanea nozakii* and *Lychnorhiza malayensis* (Cnidaria: Scyphozoa) from the coastal waters of India. Book of Abstracts p. 132. 6th International Jellyfish Blooms Symposium, 4 - 6 November 2019, Cape Town, South Africa.
5. Details of articles published by the faculty members of the department in scholarly magazines, bulletins or news papers.
- Biju Kumar, A. 2018. Kadalile Sookshma plastikkukal (in Malayalam). *Vijnanakairali*, 50 (12): 41-44.
  - Ravinesh R., Biju Kumar A and Deepak Samuel V. 2019. Status of marine molluscs in illegal wildlife trade in India. *TRAFFIC Newsletter*, 30: 33-39.
  - Biju Kumar, A. 2019. 'Kadalolam paaristhithika sevanangal' (in Malayalam). *Aranyam monthly of Kerala Forest Department*, July 2019, pp. 16-17.
  - Biju Kumar, A. 2019. Climate change implications on Inland Aquatic Ecosystems and Fisheries of Kerala. In: *Devastating Floods and Defeated Environment* (S. Sreekumar, Hema, K. Eds). UNIZOA, University College, Thiruvananthapuram, pp. 135-150.
6. No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any.)
- "Development of alternative sustainable fish feeds to promote human health using novel non-conventional indigenous ingredient", India-UK Collaborative BBSRC Newton Global Research Partnership Aquaculture and DBT, Govt. of India. Rs. 75.832 lakhs (Principal Investigator: K. Padmakumar).
  - "Evaluating impacts of prophylactic health products and novel alternatives on animal health and production efficiency in Intensive Asian and African Pond", India-UK Collaborative BBSRC Newton Global Research Partnership Aquaculture and DBT, Govt. of India. Rs. 107.784 lakhs (Principal Investigator: K. Padmakumar).
7. Details of newsletters/ brochure/ bulletins/ published by the department.
- Bimonthly newsletter "Jalamarmaram. Published 6 six issues in 2019
8. No. of PhD theses awarded: 7
9. No. of PhD theses submitted: 2
10. No. of M. Phil dissertations awarded: 9
11. Placement details of students.

Sl No	Name of student	Name of course	Designation	Name of the company	Annual Pay
1	Athira Sivan	M.Phil.	Technical Assistant	Rajiv Gandhi Centre for Aquaculture	276,000
2	B. Arya	M.Phil.	Technical Assistant	Rajiv Gandhi Centre for Aquaculture	276,000
3	Karthika Chandran	M.Phil.	Quality Officer	Marine Product Export Development Authority	300,000
4	S. Sheeba	Ph.D.	Assistant Professor	University College, Thiruvananthapuram	700,000

## 12. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	Yes
2.	No. of books in stock as on Jan 1,2019	6082
3.	No. of books added this year	98
4.	No. of offline journal subscribed	12
5.	No. of online journals subscribed	Nil
6.	No. of online books available	Nil
7.	Amount spend for purchase of books	600,000



13. No of funded projects active during the year:

- Development of alternative sustainable fish feeds to promote human health using novel non-conventional indigenous ingredient”, India-UK Collaborative BBSRC Newton Global Research Partnership Aquaculture and DBT, Govt. of India. Rs. 75.832 lakhs (Principal Investigator: K. Padmakumar).
- “Evaluating impacts of prophylactic health

products and novel alternatives on animal health and production efficiency in Intensive Asian and African Pond”, India-UK Collaborative BBSRC Newton Global Research Partnership Aquaculture and DBT, Govt. of India. Rs, 107.784 lakhs (Principal Investigator: K. Padmakumar).

14. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1	Multidisciplinary Dialogue on Impact of Climate Change on Wetland Fisheries	National seminar	KSCSTE	14 <sup>th</sup> February 2018	91 Indian participants
2	Pollution Reduction for Combating Climate Change	National seminar	KSCSTE	20th June 2019.	133 Indian participants; One foreign participant
3	Workshop on Ornamental Fish Culture and Aquarium Management	National workshop	Fisheries Department, GoK	26-29 November, 2019.	33 Indian participants

15. Details of consultancy work active during the year.

Sl. No	Name of the project	Project Director	Sponsoring agency	Outlay	Duration
1	Marine Ecological Studies for Adani Vizhinjam Port	K. Padmakumar, Principal Investigator and Dr. Kurian Mathew Abraham, Co-Investigator	M/s. Adani Vizhinjam Port Pvt. Ltd	Rs. 21,29,900/-	One year

16. Major equipments purchased during the year:

Sl. No	Name of the equipment	Cost	Source of fund	Purpose/ use
1	Magnus Zoom Stereo Binocular Microscope (MSZ-BI)	200,000	Plan Fund	Algal culture lab
2	Olympus Trinocular Research Microscope (CX21iTR) with Magcam DC-5MP Camera for Microscope	200,000	Plan Fund	Algal culture lab

17. Major developmental activity like construction etc.

Sl. No	Name of the activity	Cost	Source of fund	Purpose
1	Algal culture lab	900,000/-	Plan fund	To establish an algal culture lab for facilitating research and practical

18. Details of syllabus revisions during the year (indicate major/ minor): Initiated major revision of syllabus based on OBE

19. Details of community outreach programmes (Please give a brief description)
- The research team from Dept. of Aquatic

Biology & Fisheries (Dr A Biju Kumar), Dept. of Environmental Sciences (Dr Sabu Joseph) and Centre for Innovation in Science and Social Action (CISSA) visited mining sites in Alappat Panchayath on 29th January 2019 for submission of a detailed report on sea sand mining.

- The department, in association with the Kerala Sasthra Sahithya Parishad organized “Beach Clean Up drive” at Veli Tourist Village and Veli Beach on 8th June 2019.
  - On Gandhi jayanthi day, 2nd October 2019, the department, along with Centre for Innovation in Science and Social Action (CISSA) organised a public campaign against single use plastics at Manaveeyam veedhi, Thiruvananthapuram.
  - Organised Ocean Literacy and Youth Campaign and photo exhibition along with Friends of Marine Life on 11th October 2019.
  - Organised exhibition on Water and Life at HSS for Girls, Venganoor 5-7 December 2019.
  - One-day workshop on Live Feed Culture Technologies for Ornamental Fish Farmers, organised by the Department in association with KOSTAE Aqua Biotech Pvt Ltd., Startup Dreams, Trivandrum on 21 December 2019.
  - Exhibition: Department participated in the exhibition of University of Kerala organised in Mar Ivanios College, Trivandrum during 27-30 December 2019 as part of National Children’s Science Congress organised by KSCSTE
20. Steps taken to make the department differently abled friendly. Already ramps and special bath room for the differently abled persons have been installed in the department.
  21. Green initiatives/ waste management/ energy saving measures. Purchased 100 steel tumblers to replace plastic cups during meetings. Avoided flex in all meetings. All the draft letters are printed on used one side paper.
  22. Details of alumni association.

Sl. No	Details	
1.	Name of the association	Aquatic Biology and Fisheries Alumni Association (ABAFA)
2.	Registered or not	No
3.	No. of meetings held this year	One
4.	No. of members added this year	33
5.	Details of alumni contributions, including endowments, talks, donation etc	Cash prize of Rs 2500 given by Dr Sunil M.S.(M.S Sunil Foundation/trust) to best outgoing student from the Department, with social commitments. Archana of IV semester MSc bagged the award.

23. Details of eminent personalities visited in the department.
  - Public Lecture by Prof. Douglas R. Tocher, Professor of Molecular Nutrition, Institute of Aquaculture, University of Stirling, UK on “The Omega-3 Story: Sources and Use of EPA and DHA” on 6th February 2019.
  - Prof. Tin-Yam CHAN, Director General, Centre of Excellence for the Oceans, National Taiwan Ocean University, Keelung, TAIWAN visited the department during 28th February 2019 to 5th March 2019 as part of “The Interaction With Eminent Scholars” supported by the IQAC, University of Kerala. He delivered a lecture on “Integrative Taxonomy of Lobsters” on 5th March 2019 and offered training for the students on taxonomy of shrimps.
  - Prof. Peter KL Ng, Head, Lee Kong Chian Natural History Museum, National University of Singapore delivered a public lecture on the topic “Museums, ‘Killing Game’, and conservation science on 5th March 2019.
  - Prof. GAVIN NAYLOR, Director of the Florida Program for Shark Research, University of Florida, Gainesville, USA visited the Department during 26th to 30th March 2019 and given a popular lecture on Why are there so many different forms of life? (Conference hall of Department of Botany, at 3.00 pm on 26th March 2019) and an interactive lecture on “The Chondrichthyan Tree of Life – 400 million years of independent evolution” (Department of Aquatic Biology & Fisheries, University of Kerala on 29 March 2019 at 11.00 am).
  - Shri Devinder Sharma (Distinguished food and trade policy analyst, an award-winning Indian journalist, writer, thinker, and researcher) visited the Department and offered a lecture on the topic “India’s Economic Crisis and the Agrarian Sector” on 3rd October 2019.
24. Details of awards received by faculty/ staff/ students.
  - Dr K. Padmakumar, Professor and Head of the Department received the highest research grant award (Science and Applied Sciences) from University of Kerala. Dr Padmakumar has won project worth over one crores from Department of Biotechnology, Government of India, as part of Indo- UK Newton Fund Global Research Partnership project on Aquaculture, with a theme ‘Developing aquaculture for food security, development and poverty reduction in developing countries’.
  - Dr K Padmakumar has been appointed as the Chairman of the Monitoring Committee for CSIR mission mode project entitled “Technological

convergence for sustainable production and utilization of seaweeds (TCSProUS)” led by CSIR-Central Salt and Marine Chemicals Research Institute (CSIR-CSMCRI), Bhavnagar.

- VINUJA S, M.Phil. student got best oral presentation award and three year free membership in the “International Estuarine and Coastal Sciences Association” on the topic “Microplastic Pollution in Water Samples of Poonthura Estuary, Thiruvananthapuram, Kerala: Before and After the cyclone Ockhi” under the guidance of Dr Akhila S Nair and Dr Kurian Mathew Abraham in the National Seminar on “Environmental Status of Estuarine and Coastal Ecosystems in India” (ECEI-2019) organized by the Department of Environmental Sciences, University of Kerala during 14-15<sup>th</sup> March 2019.
  - Smt Swetha S has won the second prize in the School (Life Sciences) level and third prize in the University level Three Minutes Thesis competition organized by the University as part of the Science Week Celebrations.
25. Other major achievements and activities, including invited lectures, interactions, get together etc.
- Dr. Aneesh PT., UGC-DS Kothari-Post-Doctoral Fellow working in the department under the mentorship of Dr A Biju Kumar visited the lab of Water Research Group (WRG), North-West University, Potchefstroom, South Africa during 28 January to 25<sup>th</sup> February 2019 for advanced training in molecular taxonomy of parasitic isopods.
  - The first meeting of the Parents Teachers Association of the department was also held on 27<sup>th</sup> March 2019.
  - Organised Science Week in the last week of February 2019. The department was kept open for the students and public on 26<sup>th</sup> February 2019 and hundreds of school/college students visited the museum, aquarium show, aquaponics and exhibition on maritime history of India organized by the Department.
  - As part of the popular science lectures the following programmes were organised by the Department:
  - 25<sup>th</sup> February 2019: Prof. G. Mohanadasan Nair, Advisor, Kerala Biotechnology commission, inaugurated the programme and delivered a lecture on the topic “Biotechnology for Human Welfare”. 26<sup>th</sup> February 2019: Dr.M. Karthikeyan, Principal Scientist, CSIR-National Chemical Laboratory, Pune delved a lecture on “Chemoinformatics”. 27<sup>th</sup> February 2019: Dr. P. Harinarayanan, Scientist E1, KSCSTE delved a lecture on “Disaster prone Kerala – Management and Mitigation”.

### C. CONTRIBUTION AT INDIVIDUAL LEVEL

#### Name of faculty: Dr A BIJU KUMAR

1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.: 16

2. No. of book edited/ published with ISBN: 1
3. No. of papers published as chapters in books: 8
4. No. of papers/ abstracts published in conference proceedings with ISBN: 7
5. No. of presentations in conferences/ seminars (indicate oral/ poster): 8
6. No. of articles published in scholarly magazines, bulletins or newspapers: 4
7. No. of Ph.D. theses awarded: 2
8. No. of M.Phil. dissertations awarded: 3
9. No. of workshops/FDPs/short term courses/ conferences attended: 2
10. No. of foreign visits for academic purposes: Two (Philippines and South Africa)
11. Involvement in academic bodies as dean, academic council/ board of studies member etc.: Served as Dean during part of the year, Chairman of Board of Studies, member of Board of Studies in two other universities and as Vice Chairman of Credit and Semester System.
12. Service as reviewer of journals/ seminar papers (give details): Yes; for 7 journals. Served as Guest Editor for Wetlands Ecology and Management (WETL) (Springer)
13. Served as Chair/ member of committees/ boards/ councils/ commissions etc.: State Academic coordinator, National Children’s Science Congress. Member of several university level committees including IQAC  
Public talks/ discussions over AIR/ television channels: 4 talks in AIR and several discussions in Television

#### Name of faculty: Dr K Padmakumar

1. No. of presentations in conferences/ seminars (indicate oral/ poster): 3
2. No. of PhD theses awarded: 1
3. No. of PhD thesis submitted: 1
4. No. of MPhil dissertations awarded: 2
5. No. of foreign visits for academic purposes: 2
6. Involvement in academic bodies as dean, academic council/ board of studies member etc.: Served as Board of Studies member of several universities
7. Service as reviewer of journals/ seminar papers (give details): Yes

#### Name of faculty: Dr Pramod Kiran

1. No. of papers/ abstracts published in conference proceedings with ISBN: 5
2. No. of PhD theses awarded: 1
3. No. of MPhil dissertations awarded: 1
4. No. of workshops/FDPs/short term courses/ conferences attended: 2
5. Involvement in academic bodies as dean, academic council/ board of studies member etc.: Served as member of Academic Council and Member, BoS in KUFOS

**Name of faculty: Dr Kurian Mathew Abraham**

1. No. of papers/ abstracts published in conference proceedings with ISBN: 2
2. No. of presentations in conferences/ seminars (indicate oral/ poster): 14
3. No. of MPhil dissertations awarded: 1
4. No. of workshops/FDPs/short term courses/ conferences attended: 7
5. Service as reviewer of journals/ seminar papers (give details): Yes

**Name of faculty: Dr Mithun Sukumaran**

1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.: 1
2. No. of papers/ abstracts published in conference proceedings with ISBN: 3
3. No. of presentations in conferences/ seminars (indicate oral/ poster): 14
4. No. of MPhil dissertations awarded: 2
5. No. of workshops/FDPs/short term courses/ conferences attended: 1

## BIOCHEMISTRY

Year of establishment: 1970

Faculty of SCIENCE

**A. DEPARTMENT PROFILE**

## 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender (M/F/TG)	Qualifications (Highest two)	Designation
1	Dr. Annie Abraham	F	Ph.D.	Professor and Director of Research
2	Dr. S. Mini	F	Ph.D.	Professor and Head
3	Dr. A. Helen	F	Ph.D.	Professor
4	Dr. Arun A. Rauf	M	Ph.D.	Assistant Professor
5	Dr. K. Saja	F	Ph.D., PDF	Assistant Professor
6	Dr. Annie John	F	Ph.D., PDF	Emiretus Scientist, ICMR
7	Dr. P.G. Biju	M	Ph.D., PDF	Assistant Professor
8	Dr. Sowmya Soman	F	Ph.D.	Contract lecturer
9	Dr. M.S. Soumya	F	Ph.D.	Contract lecturer

## 2. Administrative staff - 3 nos. (3 F)

## 3. Programmes offered

Name of programme	strength	Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actual							
Masters Biochemistry	15	14	NIL	3	-		NIL	1	100
M.Phil (MPhil Biochemis-try, MPhil Genetics and Genomics):	3	3	NIL	Nil	Nil		NIL		100
	4	4	Nil	1	Nil				
PhD	24	19	NIL						
Post Doc	NIL								

## B. COMMON ACTIVITIES

- Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.
  - Lekshmi, V. S., Rauf, A. A., & Kurup, G. M. (2019). Sulfated polysaccharides from the edible marine algae *Padinatetrahastromatica* attenuates isoproterenol-induced oxidative damage via activation of PI3K/Akt/Nrf2 signaling pathway-An in vitro and in vivo approach. *Chemico-biological interactions*. IF 3.40
  - Aju, B. Y., Rajalakshmi, R., & Mini, S. (2019). Protective role of Moringa oleifera leaf extract on cardiac antioxidant status and lipid peroxidation in streptozotocin induced diabetic rats. *Heliyon*, 5(12), e02935.
  - Lekshmi V.S. and G. Muraleedhara Kurup. Anticoagulant activities of Sulfated polysaccharides from the edible marine algae *Padina tetrahastromatica* and *Ulva fasciata*- A combined *in vitro* and *in vivo* approach (2019). *Journal of Pharmacognosy and Phytochemistry*. ISSN Number: 23498234, e-ISSN Number: 22784136, UGC Journal Number: 45051.
- Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.
  - Lekshmi, V. S., Rauf, A. A., & Muraleedhara Kurup, G. (2019). Toxicological Evaluation of Bioactive Sulfated Polysaccharides from the Edible Marine Algae *Padinatetrahastromatica* and *Ulva fasciata* in Sprague-Dawley Rats. *Journal of Biologically Active Products from Nature*, 9(2), 79-96.
  - Priyanka, S. H., Thushara, A. J., Rauf, A. A., & Indira, M. (2019). Alcohol induced NLRP3 inflammasome activation in the brain of rats is attenuated by ATRA supplementation. *Brain, Behavior, & Immunity-Health*, 100024
- Details of book edited/ published by the faculty members of the department with title, ISBN, publisher, month/ year.
  - Book Chapter: V. Sreelakshmi and **Annie Abraham**, 'Plant Secondary Metabolites for Human Health' chapter published in the book "Extraction of Bioactive Compounds Role of Herbal Drugs in Management of Life Style Diseases - Megh R. Goyal, P. P. Joy, Hafiz Ansar Rasul Suleria (1st Edition) published by Apple Academic Press on September 10, 2019, ISBN 9781771887663 - CAT# K399350.
  - Book Chapter (in press): Gayathri Sundar, Rebu Sundar, Dr. Josna Joseph, Dr. Annie John, Dr. Annie Abraham" Phyto-Nano Bioengineered Scaffolds: A Promise to Tissue Engineering Research" for inclusion in the book entitled "Drug Delivery, Nanomedicine and Tissue Engineering: Guide to Strengthen Healthcare System" – Publishers - Apple Academic Press
- Details of patents requests filed in 2019 but pending at patent office.
  - Process Technology for decellularization of Rabbit Tendon - Dr. Annie John, Dr. Annie Abraham.
  - Aqueous root extract of *Aegle marmelos* incorporated decellularized tendon graft Dr. Annie Abraham, Dr. Annie John, Vineeth C.A.
  - Aqueous extract of *Tinospora cordifolia* incorporated decellularized tendon graft- Dr. Annie Abraham, Dr. Annie John, Niveditha K. \*(The inventors Dr. Annie Abraham and Dr. Annie John share equal rights)
  - Collagen Based Wound Dressing Loaded with Phyto-nano Composite- Dr. Annie Abraham, Ms. Gayathri Sundar, Dr. Josna Joseph.
- No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any.) **2**
  - Injectable biopolymer hydrogels laden with selected phytochemical for neural tissue engineering. (21.45 Lakh rupees)- **Principal Investigator- Josna Joseph, Co-Principal Investigator- Annie Abraham**, Order Number 32/2017/KSCSTE. 2016-2019 (On going)
  - Orthopedic Tissue Engineering- Repair Injured Rabbit tendon (**Dr. Annie Abraham- Principal Investigator, Dr. Annie John- Co-Principal Investigator**)-ICMR- 29.93 lakhs- ongoing (2016-19)
- No. of PhD theses awarded. **7**
- No. of PhD theses submitted. **5**
- No. of M. Phil dissertations awarded. **10**
- Students who cleared GATE/NET/SET etc.- 3 nos. (NET 2 nos., NET-JRF 1 no.)
- Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	YES
2.	No. of books in stock as on Jan 1, 2019	3900
3.	No. of books added this year	89
4.	No. of offline journal subscribed	8

5.	No. of online journals subscribed	NIL
6.	No. of online books available	NIL
7.	Amount spend for purchase of books	4, 66,027

11. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1	Recent Biochemical Approaches in Therapeutics (RBAT-VI)	International Seminar	University of Kerala	11 <sup>th</sup> - 13 <sup>th</sup> December 2019.	
2	Recent Approches in Biochemical Research (RABR-2019)	National seminar		5 <sup>th</sup> December 2019.	
3	Recent Biochemical Approaches in Therapeutics (RBAT-V)	National seminar		January 23-25, 2019	
4	Syllabus Revision workshop	Work shop	University of Kerala	(27-06-19 to 03-07-19)	

12. Details of syllabus revisions during the year (indicate major/ minor)

**Revision of Syllabus for Biochemistry UG Programme- Core & Complementary (Regular and Career Related)-2019**

As per the guidelines provided by the University of Kerala, an outcome based revision of syllabus for Biochemistry UG courses were carried out. A syllabus revision workshop was conducted for 7 days (27-06-19 to 03-07-19) which included members of BoS in Biochemistry, various subject experts and faculty from different colleges, in connection with revision of syllabus. The syllabus of the following Biochemistry courses were revised.

- First Degree Programme in BSc. Biochemistry (Regular).
- Complementary Biochemistry for First Degree Programme in Zoology & Botany (Regular).
- First Degree Programme in BSc. Biochemistry (Core) and Industrial Microbiology (Voc) (Career Related).
- Complementary Biochemistry for First Degree Programme in Botany and Biotechnology. (Career Related).

The syllabus was revised on an outcome based pattern and several new topics of relevance were introduced in theory and practical courses. The model of question paper was also revised as per the guidelines provided.

13. Details of community outreach programmes (Please give a brief description) Organized "Cancer Awareness program in the Department

on International Women's Day ( March 8<sup>th</sup> 2019, Friday ) by Dr.Reji Jose, Professor, Department of Community Medicine, Sree Gokulam Medical College, Venjaramoodu, Thiruvananthapuram

14. Details of eminent personalities visited in the department.

- Department of Biochemistry Coordinated an 'Interaction with Eminent Scholar' program between 9<sup>th</sup> -13<sup>th</sup> December, 2019. Dr. Ram H Nagaraj, Professor of Ophthalmology and Pharmaceutical Sciences, University of Colorado, USA was the visiting eminent scholar and he engaged in delivering 5 invited lectures in various departments of the University and interacting with students, research scholars and faculties of these departments.
- John B Johnson, Scientist, RGCB, Trivandrum  
Dr Murukesan Vadakke Matham, Director Centre for Optical & Laser Engineering (COLE) Nanyang Technological University, Singapore  
Dr Subhash C Chauhan, Professor, University of Tennessee Health Science Center (UTHSC), Memphis, TN 38163, USA  
Dr Farid A Badria, Prof. of Pharmacognosy, Department Faculty of Pharmacy, Mansoura University, Mansoura 35516 Egypt.  
Dr Jasvinder Singh, Professor (Full), Division of Clinical Immunology and Rheumatology, University of Alabama at Birmingham, Birmingham, United States  
Dr. Rekha MR, Scientist F, BMT wing, SCTIMST, Trivandrum

Dr A Sabareeswaran, BMT Wing, SCTIMST, Trivandrum

Albert P Li, President and CEO of In Vitro ADMET Laboratories (IVAL), Columbia, Maryland, and Malden, Massachusetts.

Dr. M. Ravi PhD, MNASc, Professor, Department of Human Genetics, Faculty of Biomedical Sciences, Technology and Research, Sri Ramachandra Institute of Higher Education and Research, Deemed to be University), Porur, Chennai – 600116, Tamil Nadu

Dr Anugya Bhatt, Scientist E, BMT wing, SCTIMST, Trivandrum

Rachy Abraham PhD, Postdoctoral Fellow, Lab of Diane Griffin, Department of Molecular Microbiology and Immunology, Johns Hopkins Bloomberg School of Public Health

Dr Madhava B Mallia, Bhabha Atomic Research Centre, Mumbai (BARC)

Prof. Vasanthi Nachiappan, Professor & Head Dept. of Biochemistry, Bharathidasan University, Trichy -620024, Tamil Nadu, INDIA

Dr R V Omkumar, Scientist F, RGCB, Trivandrum

a. Details of any new short-term course launched during the reporting period.

15. Details of awards received by faculty/ staff/ students.

- Santhi Krishnan won the best paper award in Provectus Plantae, 19<sup>th</sup> International Conference on Exploring the Scope of Plant Genetic Resources, May 2019 on the topic 'Effect of vaishwarnachurnam Rabbit atherosclerosis
- Aswathy J. gave a poster presentation entitled “*Calotropis gigantea* incorporated novel hydrogel scaffold for cartilage regeneration” at the National Seminar on Recent Biochemical Approaches in Therapeutic (RBAT-V) at Department of Biochemistry, University of Kerala, Thiruvananthapuram on 23<sup>rd</sup> – 25<sup>th</sup> January 2019. Received best poster presentation award.
- Gayathri Sundar gave an oral presentation entitled “*Development* of novel phyto – nano incorporated tissue engineered scaffolds sourcing marine waste.” at Department of Biochemistry, Government College, Kariavattom, Thiruvananthapuram on 3<sup>0th</sup> – 1<sup>st</sup> February 2019. Achieved best oral presentation award.
- Kalpana V S and Mini.S, *Hibiscus rosasinensis* L. Anthocyanins ameliorates oxidative stress in heart of experimentally induced diabetic rats” National Seminar on Recent Biochemical Approaches in Therapeutics (RBAT-V), held at Department of Biochemistry, University of Kerala, on 23<sup>th</sup> - 25<sup>th</sup> January 2019. (Second prize in poster presentation).
- Shali K Sivan and Mini S., “Protective effect of Rutin against high glucose induced oxidative stress, apoptosis and autophagy in MIN6 cells” National seminar organized by the Department of Biochemistry, Government College, Kariavattom

from 30<sup>th</sup> January to 1<sup>st</sup> February 2019. (Best oral Presentation award)

- Aiswarya AA, DST-INSPIRE SRF carrying out her Ph.D under the guidance of Dr. P.G. Biju, Assistant Professor of the Department, was awarded the Newton-Bhabha fellowship and completed her research placement at University of Sheffield, Sheffield, UK from 01.05.2019 to 31.07.2019.
  - Shimsa S (oral presentation) ‘Ameliorative impact of Syringic acid, a bioactive phenolic compound against cardiomyopathy’ in streptozotocin-induced diabetic rats’ in the inter national Seminar on life sciences for sustainable development: issues and challenges. Held at Dept. of botany, University college, TVM, on 3<sup>rd</sup> -5<sup>th</sup> 2019. (Best paper presentation award)
  - Shimsa. S (oral presentation) ‘Syringic acid attenuates hepatic damage by suppressing oxidative stress and apoptosis in STZ-induced diabetic rats.’ in the inter national Seminar on Recent Biochemical Approaches in Therapeutics (RBAT-VI), held at Department of Biochemistry, University of Kerala, on 11<sup>th</sup> - 12<sup>th</sup> December 2019. (Second Prize)
  - Rebu Sundar won first prize in an oral presentation entitled “Comparative Evaluation of Bioceramics in a 3D *in vitro* Bone Model System” at the International Seminar on Recent Biochemical Approaches in Therapeutic (RBAT-VI) at Department of Biochemistry, University of Kerala, Thiruvananthapuram on 11<sup>th</sup> – 13<sup>th</sup> December 2019.
16. Other major achievements and activities, including invited lectures, interactions, get together etc.
- Rebu Sundar, Dr. Annie John, Dr. Annie Abraham - Idea has been selected in the District level round of the Young Innovators Challenge 2019 – 2022
  - Startups- Development of novel phyto-nano incorporated burn wound dressings sourcing marine waste’ -teamed by GayathriSundar, Josna Joseph, Annie Abraham was selected (one in four team representing Kerala University) for final evaluation of Idea Fest ‘19, organised by Kerala Start up Mission and KU-TBIISC.
  - Startups- Innovative idea selected by Kerala Start-up Mission for ‘mentorship programme’- Team members- Gayathri Sundar, Josna Joseph, Annie Abraham - at Idea fest 2019, held at Mar Baselious college of Engineering and Technology, Thiruvananthapuram.
  - Dr. Annie Abraham gave a key note lecture entitled “ Nano – phyto construct: New arena in Tissue Engineering Research” at National seminar on Biomedical Research: Changing Paradigms Across Time held at Department of Biochemistry, Government College, Kariavattom, Thiruvananthapuram on 30<sup>th</sup> January – 1<sup>st</sup> February 2019.
  - Dr. Annie Abraham delivered science day message for University Science day celebration on 27<sup>th</sup> February 2019

- Dr. Annie Abraham chaired a oral presentation session at National seminar on – Recent trends & advancement in regenerative medicine & The role of omics and biomarkers in health, organized by Department of Zoology, University of Kerala on 28<sup>th</sup> February – 02<sup>nd</sup> March 2019
- Dr. Mini S. Delivered an invited lecture on National Seminar on Biomedical Research: Changing Paradigm across time. Department of Biochemistry, Govt. College, Karyavattom. 30 January-1<sup>st</sup> February 2019.
- Dr. Mini S. Delivered an invited lecture on the 8<sup>th</sup> annual meeting of Indian Academy of Biomedical Sciences and Conference on Deliberation on Translation of Basic Scientific Insights into Affordable Healthcare Products, 25 February 2019 at NIIST, Trivandrum
- Josna Joseph. Hydrogel based Three Dimensional Cell Culture Systems: advances in Biomedical

Research. National seminar on ‘Recent trends and advance in Regenerative Medicine & Role of Omics & Biomarkers in Health (4<sup>th</sup> edition), University of Kerala, Feb28<sup>th</sup> - March 2<sup>nd</sup> 2019.

- Dr. Annie Abraham gave a key note presentation entitled “Ophthalmic properties of *oxalis corniculata* linn. with special reference to cataract” at the “14<sup>th</sup> Annual Meet on Euro Ethanopharmacology” held during April 25 – 26, 2019 in Amsterdam, Netherlands.
- Annie John. Phytochemical Incorporated Tissue Engineering Approaches with special reference to Osteoarthritis” International Conference on Biomaterial – based Therapeutic Engineering and Regenerative Medicine BIOTERM 2019 IIT Kanpur, India held on 28<sup>th</sup> November to 1<sup>st</sup> December 2019.

#### 17. Details of online courses offered

Sl. No	Details	
1.	No. of MOOC courses offered	1. BCH-O-401: Radiation Biology and Countermeasures
2.	Name of the coordinator	Dr. P.G. Biju Assistant Professor
3.	No. of students enrolled for the course	40

#### C. CONTRIBUTION AT INDIVIDUAL LEVEL

##### Dr. MINI S

- No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.
  - Aju, B. Y., Rajalakshmi, R., & Mini, S. (2019). Protective role of Moringa oleifera leaf extract on cardiac antioxidant status and lipid peroxidation in streptozotocin induced diabetic rats. *Heliyon*, 5(12), e02935.
- No. of presentations in conferences/ seminars (indicate oral/ poster)
  - Dr. Mini S. Delivered an invited lecture on the 8<sup>th</sup> annual meeting of Indian Academy of Biomedical Sciences and Conference on Deliberation on Translation of Basic Scientific Insights into Affordable Healthcare Products, 25 February 2019 at NIIST, Trivandrum
  - Dr. Mini S. Delivered an invited lecture on National Seminar on Biomedical Research: Changing Paradigm across time. Department of Biochemistry, Govt. College, Karyavattom. 30 January-1<sup>st</sup> February 2019.
  - Kalpana V S and Mini.S, *Hibiscus rosasinensis*L. Anthocyanins ameliorates oxidative stress in heart of experimentally induced diabetic rats” National Seminar on Recent Biochemical Approaches in Therapeutics (RBAT-V), held at Department of Biochemistry, University of Kerala, on 23<sup>th</sup> - 25<sup>th</sup> January 2019. (Second prize in poster presentation)

- Shyma R L and Mini S “Effect of morin on brain cholinergic function, ATPase activity and neurotransmitter levels in experimental diabetic rats” in the national Seminar on Recent Biochemical Approaches in Therapeutics (RBAT-V), held at Department of Biochemistry, University of Kerala, on 23<sup>th</sup> - 25<sup>th</sup> January 2019.
- Aju B Yand Mini S “Protective role of *moringaoleifera* leaf extract on cardiac antioxidant status and lipid peroxidation in streptozotocin induced diabetic rats” in the national Seminar on Recent Biochemical Approaches in Therapeutics (RBAT-V), held at Department of Biochemistry, University of Kerala, on 23<sup>th</sup> - 25<sup>th</sup> January 2019
- Shali K Sivan and Mini S, “Protective effect of Rutin against high glucose induced oxidative stress, apoptosis and autophagy in MIN6 cells” National seminar organized by the Department of Biochemistry, Government College, Kariavattom from 30<sup>th</sup> January to 1<sup>st</sup> February 2019. (Best oral Presentation award)
- Shyma R Land Mini S “Neuroprotective effect of morin in experimental diabetic encephalopathic rats” National seminar organized by the Department of Biochemistry, Government College, Kariavattom from 30<sup>th</sup> January to 1<sup>st</sup> February 2019.
- Kalpana V S and Mini S “*Hibiscus rosasinensis*L. Anthocyanin modulates diabetes dyslipidemia in streptozotocin induced diabetic rats in the 31<sup>st</sup> Kerala Science Congress held during 2<sup>nd</sup> and 3<sup>rd</sup>



February 2019 at Fatima Mata National College, Kollam.

- Aju B Y and Mini S “Poly phenol rich *murrayakoenigi* leaf extracts cardiac protection in streptozotocin induced diabetic rats” in the 31<sup>st</sup> Kerala Science Congress held during 2<sup>nd</sup> and 3<sup>rd</sup> February 2019 at Fatima Mata National College, Kollam.
  - Bhagyalakshmi P and Mini S “Catechin modulates autophagy and apoptosis in MIN6 cells exposed to high glucose concentration” in the 31<sup>st</sup> Kerala Science Congress held during 2<sup>nd</sup> and 3<sup>rd</sup> February 2019 at Fatima Mata National College, Kollam
  - Aju B Y, Mini S and Rajalakshmi R “*Murrayakoenigi* leaf extract attenuates hyperglycemia mediated oxidative stress in streptozotocin induced diabetic rats” in the National seminar on Advances and application in plant science held at Department of Botany, University of Kerala, on 6-8 February, 2019. (Best paper award)
  - Shali K Sivan (Poster presentation) ‘Bioflavonoid morin attenuates oxidative stress and  $\square$  cell damage in streptozotocin-induced diabetic rats’ in the inter national Seminar on life sciences for sustainable development: issues and challenges. Held at Dept. of botany, University college, TVM, on 3<sup>rd</sup> -5<sup>th</sup> 2019.
  - Anjali S (Poster presentation) ‘Unravelling the effect of ferulic acid on hepatic key enzymes of carbohydrate metabolism in streptozotocin-induced diabetic rats’ in the inter national Seminar on life sciences for sustainable development: issues and challenges. Held at Dept. of botany, University college, TVM, on 3<sup>rd</sup> -5<sup>th</sup> 2019.
  - Shimsa S (oral presentation) ‘Ameliorative impact of Syringic acid, a bioactive phenolic compound against cardiomyopathy’ in streptozotocin-induced diabetic rats’ in the inter national Seminar on life sciences for sustainable development: issues and challenges. Held at Dept. of botany, University college, TVM, on 3<sup>rd</sup> -5<sup>th</sup> 2019. (Best paper presentation award)
  - Shyma R L (oral presentation) ‘Morin ameliorates diabetic encephalopathy, via attenuating mitochondrial oxidative stress in brain’ in the inter national Seminar on life sciences for sustainable development: issues and challenges. Held at Dept. of botany, University college, TVM, on 3<sup>rd</sup> -5<sup>th</sup> 2019.
  - Kalpana V S (oral presentation) ‘*Hibiscus rosasinensis* L. anthocyanins improves dyslipidemia and modulates expression of genes involved in reverse cholesterol transport in high energy diet/ low streptozotocin-induced diabetic rats’ in the inter national Seminar on life sciences for sustainable development: issues and challenges. Held at Dept. of botany, University college, TVM, on 3<sup>rd</sup> -5<sup>th</sup> 2019.
  - Anjali S (oral presentation) ‘Ferulic acid modulates the Hepatic insulin-phosphoinositide 3-kinase (PI3K)/Protein Kinase B (AKT)-signaling pathway in STZ-induced diabetic rats’ in the inter national Seminar on Recent Biochemical Approaches in Therapeutics (RBAT-VI), held at Department of Biochemistry, University of Kerala, on 11<sup>th</sup> - 12<sup>th</sup> December 2019.
  - Shimsa. S (oral presentation) ‘Syringic acid attenuates hepatic damage by suppressing oxidative stress and apoptosis in STZ-induced diabetic rats.’ in the inter national Seminar on Recent Biochemical Approaches in Therapeutics (RBAT-VI), held at Department of Biochemistry, University of Kerala, on 11<sup>th</sup> - 12<sup>th</sup> December 2019. (Second Prize)
  - Shali K Sivan (oral presentation) ‘Morin potentiates insulin secretion in STZ induced diabetic rats through a SIRT-1 dependent mechanism’ in the inter national Seminar on Recent Biochemical Approaches in Therapeutics (RBAT-VI), held at Department of Biochemistry, University of Kerala, on 11<sup>th</sup> - 12<sup>th</sup> December 2019.
  - Shyma R L (oral presentation) ‘Morin attenuates memory impairment in STZ- induced rats, via regulating glycogen synthase kinase  $\square$  (GSK  $\square$ ) activity and ATPase function in the brain’ in the inter national Seminar on Recent Biochemical Approaches in Therapeutics (RBAT-VI), held at Department of Biochemistry, University of Kerala, on 11<sup>th</sup> - 12<sup>th</sup> December 2019.
  - Kalpana V S (oral presentation) ‘*Hibiscus rosasinensis* L. anthocyanins affords cardio protection in STZ-induced diabetes via modulating mitochondrial dysfunction and apoptotic signaling cascade’ in the inter national Seminar on Recent Biochemical Approaches in Therapeutics (RBAT-VI), held at Department of Biochemistry, University of Kerala, on 11<sup>th</sup> - 12<sup>th</sup> December 2019.
  - Midhuna P Ben (oral presentation) ‘Beneficial effects of rutin on regulating mitochondrial energetics and apoptosis in experimentally induced diabetic rats’ in the inter national Seminar on Recent Biochemical Approaches in Therapeutics (RBAT-VI), held at Department of Biochemistry, University of Kerala, on 11<sup>th</sup> - 12<sup>th</sup> December 2019.
  - Remya Suresh (Poster presentation) ‘Protective Effect of *Sesbaniagrandiflora* (L.) Pers. Leaf Extract on Altered Carbohydrate Metabolism in Streptozotocin-Induced Diabetic Rats’ in the inter national Seminar on Recent Biochemical Approaches in Therapeutics (RBAT-VI), held at Department of Biochemistry, University of Kerala, on 11<sup>th</sup> - 12<sup>th</sup> December 2019.
5. No. of PhD theses awarded : 2
  6. No. of PhD thesis submitted : 1
  7. No. of MPhil dissertations awarded : 2
  8. No. of MPhil dissertations submitted : 2
  9. No. of workshops/FDPs/short term courses/ conferences attended : 3

- Service as reviewer of journals/ seminar papers (give details)- Reviewer of the following journals
  - Pharmacognosy Journal,
  - Drug Development Research,
  - Biomedicine & Pharmacotherapy,
  - Asian Pacific Journal of Tropical Medicine,
  - Amino Acids,
  - Journal of Diabetes & Metabolism,
  - Biochemistry and Biophysics Reports
  - Oxidative Medicine and Cellular Longevity,
  - The Thai Journal of Pharmaceutical Sciences
  - Journal of Food Biochemistry,
  - Journal of Herbs, Spices & Medicinal Plants
  - International Journal of Urology
  - Brazilian Journal of Pharmaceutical Sciences
10. Served as Chair/ member of committees/ boards/ councils/ commissions etc. -
- Chairman, Board of studies, Biochemistry, UG & PG, University of Kerala
  - Member, Board of studies, Biochemistry, M.G University, Kottayam
  - Chairman, Institutional Animal Ethics Committee, University of Kerala
  - Subject Expert, Public service Commission, Kerala
  - Member, IQAC, University of Kerala
- Name of faculty: Dr. Annie Abraham**
6. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.
- Josna Joseph. Annie Abraham, Myron Spector. Injectable hydrogel scaffolds for neural tissue engineering applications. Drug Delivery, Nanomedicine and Tissue Engineering: Guide to Strengthen Healthcare System”published by the Apple Academic Press. **Editors:**R. Rajakumari, Dr. Hanna J Maria, Dr. Nandakumar Kalarikkal & Prof Sabu Thomas (In press)
7. No. of book edited/ published with ISBN
- Book Chapter: V. Sreelakshmi and Annie Abraham, ‘Plant Secondary Metabolites for Human Health’ chapter published in the book “Extraction of Bioactive Compounds Role of Herbal Drugs in Management of Life Style Diseases - Megh R. Goyal, P. P. Joy, Hafiz Ansar Rasul Suleria (1st Edition) published by Apple Academic Press on September 10, 2019, ISBN 9781771887663 - CAT# K399350.
  - Book Chapter (in press): Gayathrisundar, Rebu Sundar, Dr. Josna Joseph, Dr. Annie John, Dr. Annie Abraham” Phyto-Nano Bioengineered Scaffolds: A Promise to Tissue Engineering Research” for inclusion in the book entitled” Drug Delivery, Nanomedicine and Tissue Engineering: Guide to Strengthen Healthcare System” – Publishers - Apple Academic Press.
8. No. of presentations in conferences/ seminars (indicate oral/ poster)
- Aswathy J. gave a poster presentation entitled “*Calotropis gigantea* incorporated novel hydrogel scaffold for cartilage regeneration” at the National Seminar on Recent Biochemical Approaches in Therapeutic (RBAT-V) at Department of Biochemistry, University of Kerala, Thiruvananthapuram on 23<sup>rd</sup> – 25<sup>th</sup> January 2019. Received best poster presentation award.
  - Neethu. L gave oral presentation entitled “ phyto incorporated electrospun scaffolds for wound healing” at the National Seminar on Recent Biochemical Approaches in Therapeutic (RBAT-V) at Department of Biochemistry, University of Kerala, Thiruvananthapuram on 23<sup>rd</sup> – 25<sup>th</sup> January 2019.
  - Amrutha D.S presented a poster entitled “Synthesis and characterization of *Cuminum cyminum* – silver nano particles and their effects on tenocytes” at the National Seminar on Recent Biochemical Approaches in Therapeutic (RBAT-V) at Department of Biochemistry, University of Kerala, Thiruvananthapuram on 23<sup>rd</sup> – 25<sup>th</sup> January 2019.
  - Remya A.S. presented a poster entitled “Prevention of selenite induced cataract in rat pups by *Oxalis corniculata*” at the National Seminar on Recent Biochemical Approaches in Therapeutic (RBAT-V) at Department of Biochemistry, University of Kerala, Thiruvananthapuram on 23<sup>rd</sup> – 25<sup>th</sup> January 2019.
  - Gayathri Sundar gave an oral presentation entitled “*Development* of novel phyto – nano incorporated tissue engineered scaffolds sourcing marine waste.” at Department of Biochemistry, Government College, Kariavattom, Thiruvananthapuram on 3<sup>0th</sup> – 1<sup>st</sup> February 2019. Achieved best oral presentation award.
  - Remya A.S. gave an oral presentation entitled “Efficacy of *Oxalis corniculata* in preventing selenite induced cataract – *in vitro*” at Department of Biochemistry, Government College, Kariavattom, Thiruvananthapuram on 30<sup>th</sup> – 1<sup>st</sup> February 2019
  - Soumya M.S. and Annie Abraham\*. ROS mediated apoptosis by squaraine PDT on DMBA induced skin tumor models. National Seminar on Biomedical Research: Changing Paradigm across time. Department of Biochemistry, Govt. College, Kariavattom. 30 January-1<sup>st</sup> February 2019.
  - Josna Joseph. Three dimensional cell culture systems for *in situ* cytocompatibility evaluation of select phytochemicals for neural tissue engineering applications. 31<sup>st</sup> Kerala Science Congress, 2<sup>nd</sup>- 3<sup>rd</sup> February, 2019, Fathima Matha National College, Kollam
  - Pradeep Kumar R, Josna Joseph, Annie Abraham and Mini.S. Hesperidin nanoparticle incorporated electrospun scaffolds for wound healing applications. 31<sup>st</sup> Kerala Science Congress, 2<sup>nd</sup>- 3<sup>rd</sup> February, 2019, Fathima Matha National College, Kollam

- Josna Joseph. Best Popular Science Article. WORKSHOP ON POPULAR SCIENCE WRITING organised by IQAC, University of Kerala for early career teachers and research scholars, 11<sup>th</sup> and 12<sup>th</sup> March 2019
  - Remya A.S gave an oral presentation entitled “Effect of *Oxalis corniculata* in selenite induced cataractogenesis – in vitro ” at International Conference on Advanced Innovation in Science, Engineering & Technology held at Sree Ayyappa College & Techown ICAISET on 8<sup>th</sup> – 9<sup>th</sup> November 2019
  - Reshma U. presented a poster entitled “Beneficial effects of palmyra sprout in experimentally induced liver toxicity – a screening study” at International Conference on Advanced Innovation in Science, Engineering & Technology held at Sree Ayyappa College & Techown ICAISET on 8<sup>th</sup> – 9<sup>th</sup> November 2019
  - Aswathy J. gave a poster presentation entitled “Tri-terpene Incorporated Hydrogel for Cartilage Tissue Regeneration in Osteoarthritis” at International Conference on Biomaterial – based Therapeutic Engineering and Regenerative Medicine at IIT Kanpur, India held on 28<sup>th</sup> November to 1<sup>st</sup> December 2019.
  - Gayathri Sundar presented a poster entitled “ Native Collagen Scaffolds Laden with Nano phytochemicals for Skin Tissue Regeneration” at International Conference on Biomaterial – based Therapeutic Engineering and Regenerative Medicine at IIT Kanpur, India held on 28<sup>th</sup> November to 1<sup>st</sup> December 2019.
  - Neethu L presented a poster entitled “ *In vitro* Characterization of Phytochemical Laden Polymeric Electrospun Scaffolds for Tissue Engineering Applications” at International Conference on Biomaterial – based Therapeutic Engineering and Regenerative Medicine at IIT Kanpur, India held on 28<sup>th</sup> November to 1<sup>st</sup> December 2019.
  - Niveditha K presented a poster entitled “Novel Biomimetic Scaffolds for Tendon Tissue Regeneration” at International Conference on Biomaterial – based Therapeutic Engineering and Regenerative Medicine at IIT Kanpur, India held on 28<sup>th</sup> November to 1<sup>st</sup> December 2019.
  - Rebu Sundar presented a poster entitled “Comparative Study of Bioceramics for Bone Tissue Engineering: A Biochemical Approach” at International Conference on Biomaterial – based Therapeutic Engineering and Regenerative Medicine at IIT Kanpur, India held on 28<sup>th</sup> November to 1<sup>st</sup> December 2019.
  - Rebu Sundar won first prize in an oral presentation entitled “Comparative Evaluation of Bioceramics in a 3D *in vitro* Bone Model System” at the International Seminar on Recent Biochemical Approaches in Therapeutic (RBAT-VI) at Department of Biochemistry, University of Kerala, Thiruvananthapuram on 11<sup>th</sup> – 13<sup>th</sup> December 2019.
  - Gayathri Sundar C presented a poster entitled “Phyto Nano Collagen Construct for Burn Wound Healing Applications – Waste to Wealth” at the International Seminar on Recent Biochemical Approaches in Therapeutic (RBAT-VI) at Department of Biochemistry, University of Kerala, Thiruvananthapuram on 11<sup>th</sup> – 13<sup>th</sup> December 2019.
  - Remya A.S. presented a poster entitled “Effect of *Oxalis corniculata* Restoring the Antioxidant Status in Rat Lens” at the International Seminar on Recent Biochemical Approaches in Therapeutic (RBAT-VI) at Department of Biochemistry, University of Kerala, Thiruvananthapuram on 11<sup>th</sup> – 13<sup>th</sup> December 2019.
  - Reshma U. presented a poster entitled “Preliminary Phytochemical Screening, Quantitative estimation and Antioxidant Activity of Palmyra Sprout” at the International Seminar on Recent Biochemical Approaches in Therapeutic (RBAT-VI) at Department of Biochemistry, University of Kerala, Thiruvananthapuram on 11<sup>th</sup> – 13<sup>th</sup> December 2019.
9. No. of PhD theses awarded : 1
  10. No. of MPhil dissertations awarded : 3
  11. No. of MPhil dissertations submitted : 2
  12. No. of patents requests filed :
    - Process Technology for decellularization of Rabbit Tendon - Dr. Annie John, Dr. Annie Abraham.
    - Aqueous root extract of *Aegle marmelos* incorporated decellularized tendon graft Dr. Annie Abraham, Dr. Annie John, Vineeth C.A.
    - Aqueous extract of *Tinospora cordifolia* incorporated decellularized tendon graft- Dr. Annie Abraham, Dr. Annie John, Niveditha K. \*(The inventors Dr. Annie Abraham and Dr. Annie John share equal rights)
    - Collagen Based Wound Dressing Loaded with Phyto-nano Composite- Dr. Anni Abraham, Ms. Gayathri Sundar, Dr. Josna Joseph.
  13. No. of workshops/FDPs/short term courses/ conferences attended
    - Dr. Annie Abraham gave a keynote lecture entitled “ Basic concepts of Tissue Engineering and Phyto – nanocomposite Research” at International Conference on Advanced Innovation in Science, Engineering & Technology held at Sree Ayyappa College & Techown ICAISET on 8<sup>th</sup> – 9<sup>th</sup> November 2019
    - Dr. Annie Abraham gave an invited lecture entitled “ Phytochemical Incorporated Tissue Engineering Approaches with special reference to Osteoarthritis” at the International Conference on Biomaterial – based Therapeutic Engineering and Regenerative Medicine at IIT Kanpur, India held on 28<sup>th</sup> November to 1<sup>st</sup> December 2019.

**Name of faculty: Dr. A. Helen**

4. No. of presentations in conferences/ seminars (indicate oral/ poster)
  - Chithra K Pushpan and A. Helen, Effect of njavara rice bran oil in downregulating endothelial inflammation in hypercholesterolemic rabbits, Seminar on 8<sup>th</sup> annual meeting of Indian academy of Biomedical Sciences and conferences on Deliberation on translation of Basic Scientific insights into Affordable Healthcare Products, At CSIR NIIST on 26<sup>th</sup> February 2019
  - Helen Antony and VrindaRajagopal, Title:Immunomodulatory Effect of Dietary Pulses In Collagen Induced Rheumatoid Arthritis at KCR 2019 ( 13<sup>th</sup> International Symposium, Korean College of Rheumatology, South Korea, May 2019
  - Karthika G.S: Effect of  $\beta$ -amylin on MyD88 dependent TLR signaling pathway in LPS induced inflammation in the National Seminar on Recent Approaches in Biochemical Research at Department of Biochemistry, Kerala University, 5<sup>th</sup> November 2019.
  - Amina.S: Effect of  $\beta$ -amylin on MyD88 independent TLR signaling pathway in LPS induced inflammation in the National Seminar on Recent Approaches in Biochemical Research at Department of Biochemistry, Kerala University, 5<sup>th</sup> November 2019.
5. No. of PhD theses awarded : 2
6. No. of PhD thesis submitted : 1
7. No. of MPhil dissertations awarded : 2
8. No. of MPhil dissertations submitted : 2

**Name of faculty: Dr. Annie John**

4. No. of presentations in conferences/ seminars (indicate oral/ poster)
  - Annie John. Phytochemical Incorporated Tissue Engineering Approaches with special reference to Osteoarthritis” International Conference on Biomaterial – based Therapeutic Engineering and Regenerative Medicine BIOTERM 2019 IIT Kanpur, India held on 28<sup>th</sup> November to 1<sup>st</sup> December 2019.
  - No. of patents requests filed: 4
  - Process Technology for decellularization of Rabbit Tendon - Dr. Annie John,
  -

**Name of faculty: Dr. Arun A Rauf**

1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.
  - 1. Lekshmi, V. S.,Rauf, A. A., & Kurup, G. M. (2019). Sulfated polysaccharides from the edible marine algae Padinatetrasromatica attenuates isoproterenol-induced oxidative damage via activation of PI3K/Akt/Nrf2 signaling pathway-An in vitro and in vivo approach.*Chemico-biological interactions*.
  - Lekshmi V.S. and G. MuraleedharaKurup. Anticoagulant activities of Sulfated

polysaccharides from the edible marine algae *Padina tetrasromatica* and *Ulva fasciata*– A combined *in vitro* and *in vivo* approach (2019). Journal of Pharmacognosy and Phytochemistry. ISSN Number: 23498234, e-ISSN Number: 22784136, UGC Journal Number: 45051

2. No. of papers published in other peer reviewed journals with ISSN etc.
  - Lekshmi, V. S., Rauf, A. A., & MuraleedharaKurup, G. (2019). Toxicological Evaluation of Bioactive Sulfated Polysaccharides from the Edible Marine Algae Padinatetrasromatica and *Ulva fasciata* in Sprague-Dawley Rats.*Journal of Biologically Active Products from Nature*,9(2), 79-96.
3. No. of presentations in conferences/ seminars (indicate oral/ poster)
  - Jissy joseph and ArunA Rauf. Biomaterial scaffold with antioxidant property for bone tissue engineering. National seminar on interdisciplinary approaches in materials and biological research (IAMBR 2019), organized by Mahatma Gandhi college on 15<sup>th</sup>& 16<sup>th</sup> March 2019.
4. No. of PhD theses awarded : 1
5. No. of PhD thesis submitted : 1
6. No. of MPhil dissertations awarded : 1
7. No. of MPhil dissertations submitted : 1

**Name of faculty: Dr. Saja K.**

1. No. of presentations in conferences/ seminars (indicate oral/ poster)
  - Elbin Sam G, Aswani S S, Aparna N S, Mithra S Mohan, Arun A Rauf<sup>#</sup> and Saja K<sup>\*</sup>, Sesamin attenuates inflammation by modulating histone acetyl transferase p300/CBP-NF-Bpathway. Seminar on 8<sup>th</sup> annual meeting of Indian academy of Biomedical Sciences and conferences on Deliberation on translation of Basic Scientific insights into Affordable Healthcare Products, At CSIR NIIST on 26<sup>th</sup> February 2019
  - Aswani S S, Elbin Sam G, Sreelekshmi G Jayan, Aparna N S, Mithra S Mohan and Saja K<sup>\*</sup>, Effect of chrysin on the expression of ADAMTS 4 in Foam cells. Seminar on 8<sup>th</sup> annual meeting of Indian academy of Biomedical Sciences and conferences on Deliberation on translation of Basic Scientific insights into Affordable Healthcare Products,, At CSIR NIIST on 25<sup>th</sup> February 2019.
  - Mithra S Mohan, Aparna N S, Aswani S S, Elbin Sam G, P R Sudhakaran<sup>#</sup> and **Saja K<sup>\*</sup>**, SIRT-3 mediated regulation of cardiac mitochondrial metabolism in response to nor epinephrine- an in vitro study. Seminar on 8<sup>th</sup> annual meeting of Indian academy of Biomedical Sciences and conferences on Deliberation on translation of Basic Scientific insights into Affordable Healthcare Products,, At CSIR NIIST on 25<sup>th</sup> February 2019.
  - Sreelekshmi G Jayan, Aswani S S, Elbin Sam G, Mithra S Mohan, Aparna N S, Soumya S J<sup>#</sup> and **Saja K<sup>\*</sup>**.SIRT-1 mediated regulation of matrix

metalloproteinases by chrysin in foam cells. Seminar on 8<sup>th</sup> annual meeting of Indian academy of Biomedical Sciences and conferences on Deliberation on translation of Basic Scientific insights into Affordable Healthcare Products, on, At CSIR NIIST 25<sup>th</sup> February 2019.

2. No. of MPhil dissertations awarded : 1
3. No. of MPhil dissertations submitted : 1

**Name of faculty: Dr. P G Biju**

1. No. of presentations in conferences/ seminars (indicate oral/ poster)
  - Devi V J and P. G. Biju, 'Adenosine receptor signalling exerts anti -inflammatory activity by altering the macrophage activation programme' in the 8<sup>th</sup> annual meeting of Indian Academy of Biological Sciences organized by CSIRNIIST, Trivandrum from 25 – 27 February 2019.
  - Robina Antony and P. G. Biju, 'In vitro anticancer activity evaluation of *Mangifera indica* leaf extract in A431 skin cancer and MCF7 breast cancer cell lines.' in the National seminar on Recent Biochemical Approaches in Therapeutics organized by Dept. of Biochemistry, University of Kerala from 23 – 25 January, 2019.

- Shijina Beegum N and P. G. Biju 'In vitro anti glycation activity and toxicity evaluation of methanolic extract of *Catharanthus roseus* linn.' in the 8<sup>th</sup> annual meeting of Indian Academy of Biological Sciences organized by CSIR NIIST, Trivandrum from 25 – 27 February 2019.
  - Shijina Beegum N and P. G. Biju. 'Anti -oxidant potential and anticancer activity evaluation of *Azadiracta indica* leaves extract in cancer cell lines.' in the National seminar on Recent Biochemical Approaches in Therapeutics organized by Dept. of Biochemistry, University of Kerala from 23 – 25 January, 2019.
  - Jijin R., and P. G. Biju 'Investigations on the antioxidant potential and anticancer properties of *Ficus benghalensis* leaf extract in A431 skin cancer and MCF7 breast cancer cell lines.' in the National seminar on Recent Biochemical Approaches in Therapeutics organized by Dept. Of Biochemistry, University of Kerala from 23 – 25 January, 2019
2. No. of MPhil dissertations awarded : 1
  3. No. of MPhil dissertations submitted : 1
  4. No. of MOOC/Online courses completed

	Name of the department	Title of the course	Name of the course coordinator	Duration of the course	Number of participants expected/attended
1	Biochemistry	BCH-O-401: Radiation Biology and Countermeasures	Dr. P.G. Biju Assistant Professor	12 online hours	40

## DEPARTMENT OF BIOTECHNOLOGY

**Year of Establishment: 1995**

**Faculty of Applied Sciences**

### A. DEPARTMENT PROFILE

#### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Dr. A. Jayakumaran Nair	Male	MSc. PhD.	Associate professor
2	Dr. R. Supriya	Female	MSc. PhD.	Lecturer (Contract)
3	Dr. I. Bindhu Mol	Female	MSc. PhD.	Lecturer (Contract)
4	Dr. O. Veena	Female	MSc. PhD.	Lecturer (Contract)
5	Dr. Mini M. George	Female	MSc. PhD	Guest Faculty
6	Dr. Dineshkumar	Male	MSc	Guest Faculty

**2. Administrative staff - 3 Nos. (1M/2F)**

**3. Programmes offered**

Name of programme	strength		Female	Trans-gender	SC	ST	Other reserved categories	Outside state	For-foreign	Pass %
	Sanctioned (Including marginal increase)	Actual								
Masters (Biotechnology)	14		11	-	2	-	6 (OBC)	-	-	100
M.Phil (proposed)										
PhD	8								2	NA
Post Doc	3									NA
Others PG Diploma in Molecular Diagnostics	Admission is on									

**B. COMMON ACTIVITIES**

- Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc. with ISSN Vol No., month/year, impact factor etc.
  - Manu M J, Neethu H, Raveendran K P, Ananthakrishnan J N & Sreelekha T T, (2019). Galactoxyloglucan Endowed Biogenic Nano-immunobiotics Arrests Microbial Growth and Elicits Antitumor Immunity. ACS Applied Biomaterials, (Just accepted manuscript).
  - Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.
  - Ajitha Nath K G R, Adithya Krishna S B, Smrithi S, Ananthakrishnan J N & Sugunan V S (2019). Biochemical Characterization and Biological Evaluation of Royal Jelly from Apis cerana. Journal of Food Technology and Food Chemistry, 1: 202.
- Details of book edited/ published by the faculty members of the department with title, ISBN, publisher, month/ year. - Nil
- Details of papers published by the faculty members of the department as chapters in books with details such as title of the paper, title of the book, editors, publisher, etc.
  - Neethu H, Supriya R, Athira S D & Ananthakrishnan J N., (2019), New Insights into

the Pharmaceutical and Food Based Applications of Starch Nanocrystals, Nanotechnology in Biology and Medicine: Research Advancements & Future Perspectives, CRC Press, Taylor & Francis.

- Details of papers/ abstracts published by the faculty members of the department in conference proceedings with ISBN, month/ year, indexing details if any etc.
  - Five Post Graduate students presented papers in a 'National Seminar on Epidemiology of Viral diseases' on 18<sup>th</sup> December, 2019.

Details:

- Immunological aspects of viral diseases, Veena Gayathri C K, Supriya R and A Jayakumaran Nair
  - Viral epigenetic modifications, Athira P, Supriya R and A Jayakumaran Nair
  - Antiviral activities of polysaccharides from natural sources, Sooraj Suresh, Bindhumol Ismail and A Jayakumaran Nair
  - Food borne viral infections, Parvathy R, Bindhumol Ismail and A Jayakumaran Nair
  - The epidemiology of some commonly occurring viral infections: A review, Anagha U Nair, Veena O and A Jayakumaran Nair
- No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any.)

SL No.	Name of the Project/Endowments, Chairs	Name of the Principal Investigator	Department of Principal Investigator	Year of Award	Funds provided	Duration of the project
1	KSCSTE – “Studies on the role of exosomal micro RNAs from tumor cells on angiogenesis”	Dr. Athira A P	Biotechnology	2017	4,72,400/-	02 Year
2	SERB – “Marker assisted selection of salt tolerant varieties of Soybean for cultivation as a forage crop in saline barren lands of North Kerala and Study on the effect of sequence variation in GmSALT3 gene on salt tolerance”	Dr. Sajeesh Kappachery	IUCGGT	2017	19,20,000/-	02 Years
3	SERB – NPDF “Targeting Viral Silencing Suppressors and RISC cleavage hotspots in conserved fus for artificial miRNA mediated virus resistance in black pepper ( <i>Piper nigrum</i> L.)	Dr. Hareesh P S	IUCGGT	2018	19,20,000/-	02 Years

6. No. of PhD theses awarded – 5 No.

7. No. of PhD theses submitted – 1 No.

**8. Placement details of students.**

Sl No	Name of student	Name of course	Designation	Name of the company	Annual Pay
1	Pooja Ravindran	PhD	Research Scholar	Rajiv Gandhi Centre for Biotechnology	Not known
2	Rayginia P Tennyson	PhD	Research Scholar	Rajiv Gandhi Centre for Biotechnology	Not known
3	Sai Lekshmi	-	Project Fellow	CTCRI	Not known
4	Parvathy	MPhil	-	Dept.of Biochemistry, University of Kerala	Not known
5	Anjaly S. Chandran	-	Product stewardship	Ashland India Pvt Ltd Spices Board	-
6	Athulya Rajan	-	Trainee	Altasciences, USA	-
7	Gayathri V Sreekumar	-	Research Associate	Govt.College, Kuzhinjaipara	-
8	Akhila Rajan	-	Asst. Professor	Company at Bombay	UGC basic pay
9	Reghu	-		RCC	Not known
10	Madhuma	-			Not known

9. Students who cleared GATE/NET/SET etc. - 4 Nos. (GATE- 1, CSIR-JRF-1, NET-1, KSCSTE-1)

10. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	yes
2.	No. of books in stock as on Jan 1,2019	2995
3.	No. of books added this year	136

4.	No. of offline journal subscribed	10
5.	No. of online journals subscribed	Nil
6.	No. of online books available	Nil
7.	Amount spend for purchase of books	4,86,096/- (total)

11. No of funded projects active during the year:

(Project name, funding agency, total outlay)

SL No.	Name of the Project/Endowments, Chairs	Name of the Principal Investigator	Department of Principal Investigator	Year of Award	Funds provided	Duration of the project
1	KSCSTE – “Studies on the role of exosomal micro RNAs from tumor cells on angiogenesis”	Dr. Athira A P	Biotechnology	2017	4,72,400/-	02 Year
2	SERB – “Marker assisted selection of salt tolerant varieties of Soybean for cultivation as a forage crop in saline barren lands of North Kerala and Study on the effect of sequence variation in GmSALT3 gene on salt tolerance”	Dr. Sajeesh Kap-pachery	IUCGGT	2017	19,20,000/-	02 Years
3	SERB – NPDF “Targeting Viral Silencing Supres-sors and RISC cleavage hotspots in conserved fus for artificial miRNA mediated virus resistance in black pepper (Piper nigrum L.)	Dr. Hareesh P S	IUCGGT	2018	19,20,000/-	02 Years

12. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1	One day seminar on Viral genomics: Its implications in Viral diagnosis and disease control	National	University of Kerala	14 <sup>th</sup> March 2019	100-150 (within state) (foreign students-nil)
2	One day -workshop on Intellectual property rights	National	University of Kerala	26 <sup>th</sup> March, 2019	100-150 (within state) (foreign students-nil)
3	Workshop on DNA sequencing and data analysis	National	University of Kerala	Jan 28 <sup>th</sup> 2019- 1 <sup>st</sup> Feb, 2019	15 participants (within state)



4	Workshop on DNA Sequencing and Analysis, Focused on DNA Sequencing by Sangers/ NGS methods and Data analysis	National	University of Kerala	2-7 <sup>th</sup> December, 2019	25 participants (Within state)
5	Seminar on Epidemiology of Viral Diseases	National	University of Kerala	18 December, 2019	100-150 Nos (within state)

13. Major equipments purchased during the year.

Sl. No	Name of the equipment	Cost (Rs)	Source of fund	Purpose/ use
1	NIR Chemidoc	19,82310/-	University of Kerala	Research
2	Microplate reader/ Thermofischer scientific	18,41556/-	University of Kerala	Research
3	Fluorescent Microscope Olympus BX53	24L	Higher Education Dept., Govt. of Kerala	Research
4	Real Time PCR	15L	Higher Education Dept., Govt. of Kerala	Research
5	CO <sub>2</sub> incubator	3.75L	Higher Education Dept., Govt. of Kerala	Research

14. 24. Major developmental activity like construction etc.

Sl. No	Name of the activity	Cost	Source of fund	Purpose
1	Extension of present building	80 L sanctioned	University of Kerala	Increasing the learning space

15. Details of community outreach programmes (Please give a brief description)

- We provide consultancy works for research community outside the department and also provides them enough work support to do some part of their work in the department. We offer work support for school students also.
  - We also Facilitate college & school students to do projects by providing Technical advice
  - Encouraging school and college students to visit the lab and other facilities in the Department.
  - Running start-up company – BIOVENT - in the Department from 7<sup>th</sup> December 2017 onwards.
  - Internship programme conducted for UG and PG students from other colleges of Kerala.
16. Steps taken to make the department differently abled friendly.
- All the research facilities are provided for their easy work. Ramps have been constructed for easy mobility. Special care and attention will be

provided for such students and special classes are provided for them if needed.

17. Green initiatives/ waste management/ energy saving measures.

- No use of plastic items during seminars/ conferences and in any programmes organized by the department.

18. Details of eminent personalities visited in the department.

Dr.Ram H.Nagaraj  
Prof in Ophthalmology and Pharmaceutical sciences, University of Colarado Anschutz Medical Campus On 10.12.2019.

19. Other major achievements and activities, including invited lectures, interactions, get together etc.

Invited lecture by Dr.Ram H..Nagaraj  
Prof in Ophthalmology and Pharmaceutical sciences, University of Colarado Anschutz Medical Campus On 10.12.2019.

20. Details of online courses offered

Sl. No	Details	
1.	No. of MOOC courses offered	Not offered by the department
2.	Name of the coordinator	-
3.	No. of students enrolled for the course	-
4.	No. of students enrolled for online/MOOC courses offered by other institutions	8 students

C. CONTRIBUTION AT INDIVIDUAL LEVEL

Name of faculty: Dr. A. Jayakumaran Nair

- No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.
  - Two journal publications (1- accepted, 1 submitted)

Publications (2019)

- Manu M J, Neethu H, Raveendran K P, **Ananthakrishnan J N** & Sreelekha T T, (2019). Galactoxyloglucan Endowed Biogenic Nano-immunobiotics Arrests Microbial Growth and Elicits Antitumor Immunity. *ACS Applied Biomaterials*, (Just accepted manuscript).
  - Nanomedicine: A Promising Tool for Cancer Diagnostics and Therapeutics, Neethu Hari, Supriya Radhakrishnan and Ananthakrishnan Jayakumaran Nair (Submitted)
- No. of papers published in other peer reviewed journals with ISSN etc. : One (published)
    - Ajitha Nath K G R, Adithya Krishna S B, Smrithi S, **Ananthakrishnan J N** & Sugunan V S (2019). Biochemical Characterization and Biological Evaluation of Royal Jelly from *Apis cerana*. *Journal of Food Technology and Food Chemistry*, 1: 202. ISSN- 2641 8118
  - No. of papers published as chapters in books – 1 chapter published. 2 being accepted
    - Neethu H, Supriya R, Athira S D & **Ananthakrishnan J N.**, (2019), New Insights into the Pharmaceutical and Food Based Applications

of Starch Nanocrystals, *Nanotechnology in Biology and Medicine: Research Advancements & Future Perspectives*, CRC Press, Taylor & Francis.- PUBLISHED

- Nanosensors as Potential Multisensor systems to Ensure safe and Quality Food, Neethu Hari, Supriya Radhakrishnan and Ananthakrishnan Jayakumaran Nair, In: *Biotechnological Approaches in Food Adulterants* (Accepted for publication in the book – ‘Biotechnological approaches in food adulterants’) - ACCEPTED
- No. of papers/ abstracts published in conference proceedings with ISBN
    - Five Post Graduate students presented papers in a National Seminar on

Details:

- Immunological aspects of viral diseases, Veena Gayathri C K, Supriya R and A Jayakumaran Nair
  - Viral epigenetic modifications, Athira P, Supriya R and A Jayakumaran Nair
  - Antiviral activities of polysaccharides from natural sources, Sooraj Suresh, Bindhumol Ismail and A Jayakumaran Nair
  - Food borne viral infections, Parvathy R, Bindhumol Ismail and A Jayakumaran Nair
  - The epidemiology of some commonly occurring viral infections: A review, Anagha U Nair, Veena O and A Jayakumaran Nair
- No. of presentations in conferences/ seminars (indicate oral/ poster)

Sl No	Title	Name of Conference	Venue	Date
1 International	Effect of PLGA nanoparticles loaded with sensing molecule on detection of hypoxia and induction of angiogenesis. 2019 9th International Conference on Bioscience, Biochemistry and Bioinformatics	9th International Conference on Bioscience, Biochemistry and Bioinformatics	Singapore	January 7-9, 2019
2 National	Biological activity of PLGA nanoparticles loaded with hypoxia sensing molecule: studies on angiogenesis.	8th Annual Meeting of Indian Academy of Biomedical Sciences and Conference on Deliberation on Translation of Basic Scientific Insights into Affordable Healthcare Products	Thiruvananthapuram	February 25-27, 2019
3 National	Effect of Exosomes from breast cancer cells on angiogenesis'	8th Annual Meeting of Indian Academy of Biomedical Sciences and Conference on Deliberation on Translation of Basic Scientific Insights into Affordable Healthcare Products	Thiruvananthapuram	February 25-27, 2019
4 National	Long Non coding RNA-FIRRE (Functional Intergenic Repeating RNA element) regulates Adipogenesis process in 3T3L1 mouse fibroblast cells'	8th Annual Meeting of Indian Academy of Biomedical Sciences and Conference on Deliberation on Translation of Basic Scientific Insights into Affordable Healthcare Products	Thiruvananthapuram	February 25-27, 2019

6. No. of PhD theses awarded - 5
  7. No. of PhD thesis submitted - 1
  8. No. of MPhil dissertations awarded - One
  9. No. of workshops/FDPs/short term courses/conferences attended
    - Three Workshops and 3 seminars were organized and attended
    - Three workshops and 3 seminars
  10. Involvement in academic bodies as dean, academic council/ board of studies member etc.- Yes
    - HOD, Department of Biotechnology
    - Hon. Director, Centre for Genomics and Gene Technology, Department of Biotechnology, University of Kerala.
    - Member, Institutional Biosafety Committee (IBSC), National Institute of Interdisciplinary Science and Technology (CSIR), Trivandrum.
    - Chairman, Board of Examinations of MSc Biotechnology in the affiliated colleges of Kerala University.
    - Chairman, Board of Examinations of MSc Biotechnology, in Kerala University.
    - External Examiner, for Practical examinations of M G University, Kottayam.
    - Subject expert in the interview board for the selection of Research Associates and JRF in Biotechnology Division of National Institute of Inter Disciplinary science and Technology NIIST, (CSIR), Thiruvananthapuram. 2018.
    - Chairman, BOS in Biotechnology (PG), University of Kerala.
    - Exofficio Member, BOS in Biotechnology (Pass), University of Kerala
    - Member, Academic Council, University of Kerala
    - Adjunct Faculty, Centre for Nano Science and Nanotechnology, University of Kerala
    - Adjunct Faculty, Centre for Evolutionary and Integrative Biology, University of Kerala.
    - Member, Board of studies in Biotechnology, Mar Ivanios College (Autonomous), Trivandrum
    - Member, Core committee, KIIFB project.
    - Member, Core group committee for the promotion of life science sector in Kerala, KSIDC
    - Member, Expert Committee, International Research Institute of Ayurveda, AYUSH- Govt. of Kerala.
    - Adjudicator for the evaluation of the MSc Biotechnology Integrated programme of Kerala Agricultural College, Vallayani, Thiruvananthapuram.
    - As an External Expert in the Technical Committee for the Purchase of equipments in Jawaharlal Nehru Tropical Botanical garden & Research Institute, Palode, Trivandrum. Technical Evaluation committee of CEIB, and Department of Chemistry, SICC, University of Kerala.
  11. Service as reviewer of journals/ seminar papers (give details)
    - As reviewer Research articles for different journal publishers
    - As reviewer of project proposals for KSCSTE, govt. of Kerala.
    - Member, Editorial Board, Journal of Nature and Life Science, published by St. Theresa's College, Ernakulam.
  12. Served as Chair/ member of committees/ boards/ councils/ commissions etc.- Yes
    - Member, Academic Council, University of Kerala
    - Member, Board of studies in Biotechnology, Mar Ivanios College (Autonomous), Trivandrum
    - Member, Core committee, KIIFB project.
    - Member, Core group committee for the promotion of life science sector in Kerala, KSIDC
    - Member, Expert Committee, International Research Institute of Ayurveda, AYUSH- Govt. of Kerala.
  13. Activities in clubs, associations, NSS etc - KUTA
  14. Public talks/ discussions over AIR/ television channels – Radio talk on ‘Human Genome project aired by The All India Radio.
- Name of faculty on contract: Dr. Supriya R.**
1. Journal Publications : 1
  2. Book Chapter - 2
  3. Conference presentation : 2
    - Guiding BSc/ MSc project students for their project works.
    - Organizing and participating various conferences/ seminars/ workshops in the Department.
- Name of faculty on contract: Dr. Bindhumol Ismail**
1. Published : Book chapter – 1
  2. Conference presentation : 2
    - Guiding BSc/ MSc project students for their PG project works.
    - Organizing and participating various conferences/ seminars/ workshops in the Department.
- Name of faculty on contract: Dr. Veena O**
1. **Book Chapter - 1**
  2. Conference presentation : 1
    - Guiding BSc/ MSc project students for their project works in the Department.
    - Organizing and participating various conferences/ seminars/ workshops in the Department.
- Name of government faculty: Dr. Mini M George**
- Guiding BSc/ MSc project students for their project works in the Department.
  - Organizing and participating various conferences/ seminars/ workshops in the Department

# DEPARTMENT OF BOTANY

Year of establishment:1959

Faculty of SCIENCE

## A. DEPARTMENT PROFILE

### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Dr. ASHALATHA S NAIR	F	M.Sc. Ph.d.	PROFESSOR
2	Dr. P.M. RADHAMANY	F	M.Sc. Ph.d.	PROFESSOR
3	Dr. S. SUHARA BEEVY	F	M.Sc. Ph.d.	PROFESSOR
4	Dr. T.S. SWAPNA	F	M.Sc. Ph.d.	PROFESSOR
5	Dr. A. GANGAPRASAD	M	M.Phil., Ph.d.	PROFESSOR
6	Dr. M. KAMARUDHEENKUNJU	M	M.Sc. Ph.d.	ASSOC. PROFESSOR
7	Dr. E.A. SIRIL	M	M.Sc. Ph.d.	ASSOC. PROFESSOR
8	Dr. BINDU R. NAIR	F	M.Sc. Ph.d.	ASSOC. PROFESSOR
9	Dr. R. RAJALAKSHMI	F	M.Sc. Ph.d.	ASST. PROFESSOR

### 2. Administrative staff - 4 nos. (4 F)

### 3. Programmes offered

Name of programme	strength		Female	Trans-gender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actual								
Masters (Genetics and Plant Breeding,	17	17	15	--	3	--	9	--	--	100%
Masters (Biodiversity Conservation)	10	10	9	--	2	--	6	--	--	100%
M.Phil. (Advanced Botany)	18	18	13	--	6	--	6	-	-	100%
Ph.D.	34		26		6	--	--			100%

### COMMON ACTIVITIES

- Journals, if any, published by the Dept. with ISSN, No of issues/year, index details, if any  
Abrahamia, An international Journal of Plant Sciences ISSN No.2395-4108, Two issues per year
  - Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.-**33**
- Shilpa VS, Lekshmi S and Swapna TS. 2020 In vitro antidiabetic potential of Euphorbia hirta

- Linn.: A nutritionally significant plant Journal of Pharmacognosy and Phytochemistry, 9(1): 01-04 E ISSN- 2278-4136, p ISSN- 2349-8234. UGC List No-45051 ( Impact factor 0.5)
- Riyas C T, Arun R Pillai, Kamarudeenhunju M and T S Swapna.2019. A review on phytochemical, ethnomedicinal and pharmacological studies of genus Pittosporum ( Pittosporaceae), in India, Journal of Pharmacognosy and Phytochemistry, 8(2), 155-162. E ISSN- 2278-4136, p ISSN- 2349-8234. UGC List No-45051.( Impact factor 0.2)

- Rakhesh KV and Ashalatha S Nair. Phytochemical quantification in various plant parts of *Aphanamixispolystachya* (Wall.) Parker. Journal of Pharmacognosy and Phytochemistry. 2019; 8(4): 422-426. IF: 5.21
- Jose Mathew, S.S Usha and Radhamany P M. 2019. *Arisaema madhuanum* (Araceae), new record to Kerala. Indian Forester145(6):589-591. IF 0.666
- Jose Mathew, Usha S S, Salim P M and Radhamany P M. 2019. *Sonerilae peduncula* (Melastomataceae): A new species from South Western Ghats, India Species 20:72-75 IF1.4
- Reshmi G Baby and P M Radhamany. 2019. A comparative study on growth and reproductive characters of three species of *Canavaliaadans*. (Fabaceae). The International Journal of Plant Reproductive Biology 11 (1): 62-65 IF 5.9
- Anju V Jalaj and P M Radhamany.2019. Anti-oxidant and anti-diabetic potential of *Opeculina turpethum* (L.) Silva Manso leaf International Journal of Pharmaceutical Sciences and Research 10(6): 2898-2901 IF1.81
- Remya Krishnan R.V, Santhoshkumar E.S and Radhamany P.M. 2019. Systematic Significance Of Pollen Morphology In South Indian Species Of *Cinnamomum*Schaeffer (Lauraceae). International Journal of Recent Scientific Research10 (11):35918-35924. IF 7.83
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  - Sruthy K Pillai and E.A. Siril (2019) Production of berberine through precursor treatment of callus cultures in *Tinospora cordifolia* (Willd.) Miers ex Hook. f. & Thoms. National Seminar on 'Advances and Applications in Plant Science', held during Feb 6-8, 2019 at Dept. of Botany, University of Kerala, Kariavattom, Thiruvananthapuram.
  - Sreelekshmi R and E.A. Siril (2019) Role of polyamines in hyperhydricity reversion of *Dianthus chinensis* L. National Seminar on 'Advances and Applications in Plant Science', held during Feb 6-8, 2019 at Dept. of Botany, University of Kerala, Kariavattom, Thiruvananthapuram. (Won best paper award).
  - Shiji PC and E.A. Siril (2019) Biomass accumulation and production of lawsone through

- multiple shoot culture of *Lawsonia inermis* L. National Seminar on 'Advances and Applications in Plant Science', held during Feb 6-8, 2019 at Dept. of Botany, University of Kerala, Kariavattom, Thiruvananthapuram (Won best paper award).
- Vishnu B, Remya Ramachandran, A. Gangaprasad, M. Kamarudheen Kunju and E.A. Siril (2019) Exploration survey and elite selection of Malabar Tamarind [*Garcinia gummi-gutta* (L.) Roxb.]. National Seminar on 'Advances and Applications in Plant Science', held during Feb 6-8, 2019 at Dept. of Botany, University of Kerala, Kariavattom, Thiruvananthapuram
  - L.V. Aswani Lal, and E.A. Siril (2019) A preliminary record on elite screening of *Garcinia gummi-gutta* (L.) Roxb. from the Southern Districts of Kerala. National Seminar on 'Advances and Applications in Plant Science', held during Feb 6-8, 2019 at Dept. of Botany, University of Kerala, Kariavattom, Thiruvananthapuram
  - Sreelekshmi R and E.A. Siril (2019) Effect of anti-ethylene compounds on hyperhydricity reversion and multiplication in *Dianthus chinensis* L. In 31<sup>st</sup> Kerala Science Congress held during February 2-3, at FMN College, Kollam, Kerala.
  - LV Aswanilal and E.A. Siril (2019) Development of improved DNA isolation and PCR amplification methods for *Garcinia gummi-gutta* (L.) Roxb. Presented in International Conference on Exploring the Scope of Plant Genetic Resources, Provectus Plantae, held at Department of Botany, University of Kerala, Kariavattom, Trivandrum on May 22-24, 2019.
  - Remya R., Vishnu B, A. Gangaprasad, M. Kamarudheen Kunju and E.A. Siril (2019) Effect of BAP on in vitro shoot induction in Malabar Tamarind (*Garcinia gummi-gutta* (L.) Robs.). Presented in International Conference on Exploring the Scope of Plant Genetic Resources, Provectus Plantae, held at Department of Botany, University of Kerala, Kariavattom, Trivandrum on May 22-24, 2019.
  - Vishnu B., Remya R., Kamarudeenkunju M., Gangaprasad A and E.A. Siril (2019) Elite selection of Malabar Tamarind [*Garcinia gummi-gutta* (L.) Roxb.], a multipurpose fruit yielding tree. Presented in International Conference on Exploring the Scope of Plant Genetic Resources, Provectus Plantae, held at Department of Botany, University of Kerala, Kariavattom, Trivandrum on May 22-24, 2019.
  - Sreelekshmi R and E.A. Siril, S. Muthukrishnan (2019) Effect of green biosynthesized silver nanoparticles on hyperhydricity reversion study in *Dianthus chinensis* L. an in vitro model culture. Presented in International Conference on Exploring the Scope of Plant Genetic Resources, Provectus Plantae, held at Department of Botany, University of Kerala, Kariavattom, Trivandrum on May 22-24, 2019.
  - Drisya Ravi R.S.<sup>1</sup>, E. A. Siril and Bindu R. Nair (2019) Genetic diversity analysis *Moringa oleifera* L. from South India using RAPD and CytP450 markers. Presented in International Conference on Exploring the Scope of Plant Genetic Resources, Provectus Plantae, held at Department of Botany, University of Kerala, Kariavattom, Trivandrum on May 22-24, 2019.
  - Sreelekshmi R and E.A. Siril (2019) Effect of BA and ethylene inhibitors on flower senescence a new approach to development of in vitro bouquets of *Dianthus chinensis* L. Presented (oral) in International Seminar on Life Science for Sustainable development, held at held at Department of Botany, University College, Thiruvananthapuram on October 3-5, 2019 (Won best paper award)
  - Vishnu B, Remya Ramachandran, A. Gangaprasad, Kamarudeenkunju, M and E.A. Siril (2019) Standardization of good quality genomic DNA isolation method from the fruit rinds of *Garcinia gummi-gutta* (L.) Roxb. Presented (oral) in International Seminar on Life Science for Sustainable development, held at held at Department of Botany, University College, Thiruvananthapuram on October 3-5, 2019.
  - Sreeshma L.S. and Bindu R. Nair. Presented paper entitled 'Isolation and Characterization of Amentoflavone from two species of *Biophytum* DC. (Oxalidaceae)' in the 31<sup>st</sup> Kerala Science Congress February 2-3, 2019 ORAL
  - Viji J.M and Bindu R.Nair. Presented paper entitled 'Nutrient analysis of *Psidium guineense* Sw.(Myrtaceae)-an underutilized fruit' in the 31<sup>st</sup> Kerala Science Congress February 2-3, 2019 POSTER
  - Manjula K. K. and Bindu R. Nair. Presented a paper entitled 'Prospecting the potential of *Eleutherine bulbosa*(Miller) Urban, bulb extracts as natural dyes' in the National Seminar on Advances and Applications in Plant Science February 6-8, 2019 ORAL
  - Chithra B<sub>2</sub> and Bindu R. Nair. Presented a paper entitled 'Physico-Chemical and growth promoting microbe analysis of *Kyllinga nemoralis* (J. R. Forst. & G Forst.) Dandy ex Hutch. & Dalziel Root zone soil' in the National Seminar on Advances and Applications in Plant Science February 6-8, 2019 ORAL
  - Shibin V. P. and Bindu R. Nair. Presented a paper entitled 'Formulation and Standardization of Microspheres for Drug Delivery' in the National Seminar on Advances and Applications in Plant Science February 6-8, 2019 ORAL
  - Amrutha A S, Laija S Nair and Bindu R Nair. Presented a paper entitled 'Comparative Analysis of fibres from six different cultivars of banana' in the National Seminar on Advances and Applications in Plant Science February 6-8, 2019 POSTER
  - Lekshmi G.P<sup>1</sup> and Bindu. R. Nair. Presented a paper entitled 'Microencapsulation of *Amaranthus viridis* L. microgreens as Vitamin supplements in the International Conference on "Provectus

- Plantae*'19 - Exploring the scope of Plant Genetic Resources", from the 22-24<sup>th</sup> of May, 2019".ORAL
- Manju Manoharan, Laija S Nair and Bindu R Nair. Presented a paper entitled 'Chemical Profiling of coconut (*Cocos nucifera* L. ) haustorium by GC-MS' in the International Conference on "Provectus *Plantae*'19 - Exploring the scope of Plant Genetic Resources", from the 22-24<sup>th</sup> of May, 2019". POSTER
  - Manjula K.K and Bindu R. Nair. Presented a paper entitled 'Isolation and characterization of a pure compound from the bulbs of *Eleutherinebulbosa* (Miller) Urban (Iridaceae)' in the International Conference on "Provectus *Plantae*'19 - Exploring the scope of Plant Genetic Resources", from the 22-24<sup>th</sup> of May, 2019".ORAL
  - Reshma P R<sup>1\*</sup>, Laija S Nair <sup>1</sup> and Bindu R Nair. Presented a paper entitled 'Preliminary Screening of Certain Plants for the Phytoremediation of Formaldehyde in Air' in the International Conference on "Provectus *Plantae*'19 - Exploring the scope of Plant Genetic Resources", from the 22-24<sup>th</sup> of May, 2019". POSTER
  - Shibin V P and Bindu R Nair. Presented a paper entitled 'Formulation and characterization of Quercetin loaded Gelatin Microspheres for Drug delivery' in the International Conference on "Provectus *Plantae*'19 - Exploring the scope of Plant Genetic Resources", from the 22-24<sup>th</sup> of May, 2019". POSTER
  - Lekshmi G.P <sup>1</sup> and Bindu. R. Nair. Presented a paper entitled 'Preparation and characterization of microcapsules from microgreens of fenugreek International Seminar on Life Science for Sustainable development, held at held at Department of Botany, University College, Thiruvananthapuram on October 3-5, 2019. ORAL
  - Vijayalekshmi M R and Rajalakshmi R., 2019. "Antiphytoviral activity of *Cymbopogonflexuosus* essential oil on cassava mosaic virus". Proceedings of International conference Provectus *Plantae*'19. ISBN No. 978-81-940888-0-6. 281-281.
  - Aju B.Y, Rajalakshmi R and Mini S., 2019. Effect of *Murraya koenigii* leaf extract on carbohydrate metabolism in instreptozotocin induced diabetic rats". Proceedings of International conference Provectus *Plantae*'19. ISBN No. 978-81-940888-0-6.343-344.
  - Shanu V and Rajalakshmi R., 2019. Understanding natural flavors: an ethanobotanical study on Memuttam tribal village, Kerala.Proceedings of International conference PROVECTUS PLANTAE'19. ISBN No. 978-81-940888-0-6.343-344. 428-430.
  - Chithra S and Rajalakshmi R., 2019. "Drought stress induced anatomical changes in *Amarathus tricolor* L. and *Amaranthuscaudatus* L."International conference: Provectus *Plantae*'19, Exploring the scope of plant genetic resources, organised by Department of Botany, University of Kerala, held from 22<sup>nd</sup> to 24<sup>th</sup> May 2019.
  - Aju B.Y, Rajalakshmi R and Mini S., 2019. Polyphenols rich *Murraya koenigii* leaf extract exerts cardiac protection in streptozotocin induced diabetic rats Kerala Science Congress, 2019
  - Silja C P and Rajalakshmi R, 2019. Effective and sustainable alternative for using citrus peel waste – Kerala Science Congress 2019-
  - Aju B.Y, Rajalakshmi R and Mini S., 2019. "*Murraya koenigii* leaf extract attenuate hyperglycemia mediated oxidative stress instreptozotocin induced diabetic rats."National Seminar on Advances and applications in plant science;organised by Department of Botany, University of Kerala,held from 6<sup>th</sup> to 8<sup>th</sup>, February 2019.
  - Priyanka V. Kumar and Rajalakshmi R., 2019. "Evaluation of nutraceutical potential of water apple (*Syzygiumaquem* (Burm.F) Alston)". National Seminar on Advances and applications in plant scienceorganised by Department of Botany, University of Kerala,held from 6<sup>th</sup> to 8<sup>th</sup>, February 2019.
  - Shanu V and Rajalakshmi R., 2019. "Effective utilization of forest resources - A study of Kizhukanam tribal colony'. National Seminar on Advances and applications in plant science organised by Department of Botany, University of Kerala, held from 6th to 8th, February 2019.
  - Akhil R and Rajalakshmi R., 2019. "Effect of salicylic acid on germination and growth of tomato (*Lycopersiconesculentum* Mill.) under drought stress. National Seminar on Advances and applications in plant science.,Organized by Department of Botany, University of Kerala, held from 6th to 8th, February 2019.
  - Chithra S and Rajalakshmi R., 2019. "Physiological and biochemical response in *Amarathus tricolor* L. and *Amaranthuscaudatus* L. under water stress". National Seminar on Advances and applications in plant science,organised by Department of Botany, University of Kerala, held from 6th to 8th, February 2019.
  - Silja C P and Rajalakshmi R., 2019. "Effect of orange peel on germination of cow pea". National Seminar on Advances and applications in plant science.Organized by Department of Botany, University of Kerala, held from 6th to 8th, February 2019.
  - Kamal Kumar V, Muthukrishnan s., and Rajalakshmi R., 2019. "Effect of nanoprimering in *Psophocarpustetragonolobus* (L.) DC. (wing bean)". National Seminar on Advances and applications in plant science, organized by Department of Botany, University of Kerala, held from 6th to 8th, February 2019.
7. No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any.)
    - Dr T S Swapna, Principal Investigator of the research project "Bioprospecting and *in vitro*



propagation for sustainable utilization of two selected RET listed medicinal plants *Piper barberi* and *Smilax wightii* funded by DST-SERB, Total outlay Rs- 37,40,000/, ongoing project for 3 years.

- Dr T S Swapna, Principal investigator of student project 'Evaluation of pharmacological properties of *Spatholobus parviflorus* (Roxb.Ex. Dc) Kunhtze', ongoing project funded by KSCSTE,for Rs,10,000/ for one year
- Kerala State Biodiversity Board funded project entitled 'Studies on Invasive Alien Plant Species in the Flood Affected Areas of Karthikapally Taluk, Alappuzha District' Project co-ordinator-Dr. Suhara Beevy S.,Total outlay: 5,61,750/-
- Kerala State Biodiversity Board (Government of Kerala) under rapid Assessment of Biodiversity after flood and landslides in the State funded Project entitled 'Survey and analysis on ethno botanical resources-present status and livelihood of tribal communities in flood affected areas of Vazhachal, Thrissur District' Project co-ordinator-Dr. A. Gangaprasad.

- Project title: Ethnobotanical survey and Assessment of Agro Biodiversity in flood affected areas in Vazhachal, Thrissur Distt. Funding Agency: Kerala State Biodiversity Board, Total outlay 5.41 lakhs, duration 3 months, Ongoing, Principal Investigator- Dr E A Siril

- Project title: Collection, characterization and propagation of *Garcinia gummi-gutta* (L.) Robs. Funding agency: KSCSTE, Govt. of Kerala, total outlay 18.47lakhs Duration : 3 years (2018-2021), Ongoing, Principal Investigator: Dr. E.A. Siril

8. Details of newsletters/ brochure/ bulletins/ published by the department.

One newsletter 'Green Pearl'

9. No. of PhD theses awarded. -8
10. No. of PhD theses submitted. -8
11. No. of M. Phil dissertations awarded -12
12. No. of M. Phil dissertations submitted.-12
13. Placement details of students.

Sl No	Name of student	Name of course	Designation	Name of the company	Annual Pay
1	Lekshmi Sreekumar Pillai	Ph.D, Kerala University	Assistant Professor	N.S.S College, Pandalam	6 lakh
2	Gayathri G	PhD, Kerala University	Assistant Professor	Sree Krishna College, Guruvayoor	6 lakh
3	Jose Mathew	PDF, Kerala University	Assistant Professor	S.D. College, Alapuzha	-
4	Mahitha G.	MSc, Genetics and Plant breeding.	Teacher	SND English medium Public school, Nashik, Maharashtra	-
5	Meenu Muralidharan	MSc, Genetics and Plant breeding.	Teacher	Nicholson Syrian Central School, Thiruvalla.	-

14. Students who cleared GATE/NET/SET etc. - 7 nos. (JRF 2 nos., KSCSTE 2 nos., SET 2 nos., GATE 1 no.)

15. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	Yes
2.	No. of books in stock as on Jan 1,2019	9883
3.	No. of books added this year	274
4.	No. of offline journal subscribed	6
5.	No. of online journals subscribed	8500+(from INFLIBNET)
6.	No. of online books available	Unlimited
7.	Amount spend for purchase of books	Rs.2,49,440/-

16. No of funded projects active during the year:

(Project name, funding agency, total outlay)

- Center for Biodiversity Conservation-Biodiversity Conservation and establishment of Gene Bank for Wild ornamental plants of Western Ghats of Kerala- 130 lakh (State Plan Fund)
- Establishment of a germplasm conservatory for economically important plant species of the Andaman-Nicobar islands and their sustainable utilization', -35 lakh (State Plan Fund)
- Establishment of Fernery- 5lakhs ( State Plan Fund)
- Translational research- Establishment of Translational Research Facility in Plant Cell Culture technology Phase IV ongoing- 50 lakh (State Plan Fund)
- Kerala State Biodiversity Board funded project entitled 'Studies on Invasive Alien Plant Species in the Flood Affected Areas of Karthikapally Taluk, Alappuzha District" Project co-ordinator- Dr. Suhara Beevy S., Amount sanctioned: 5,61,750/-
- Kerala State Biodiversity Board funded project Inventory and Evaluation of spread ecology of riverine flora of Achankovil river basin, Kerala Rs 3.3 lakh
- Kerala State Biodiversity Board (Government of Kerala) under rapid Assessment of Biodiversity after flood and landslides in the State funded Project entitled 'Survey and analysis on ethno botanical resources-present status and livelihood of tribal communities in flood affected areas of Vazhachal, Thrissur District' Project co-ordinators- Dr E A Siril and Dr. A. Gangaprasad Amount sanctioned:rs 5.41lakh.
- KSCSTE, Govt. of Kerala funded Project entitled 'Collection, characterization and propagation of Garcinia gummi gutta (L.) Rob. Project co-ordinator Dr. E.A. Siril and Dr. A. Gangaprasad as the Co investigator – Ongoing, Amount sanctioned: Rs 16.4 lakh
- Studies on the molecular mechanisms of self incompatibility of Ananas comosus (L.) Merr. (SERB, Govt. of India) Rs. 16.4 lakhs
- Seed bank and Conservation of plant diversity and wild crop diversity-Funding Agency: Kerala State Biodiversity Board-Amount: 14.4 lakhs

17. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1	Advances and Applications in Plant Science	National	University of Kerala	February 6-8, 2019	130 (Outside state-4)
2.	ProvectusPlantae-2019 International Conference on Exploring the scope of plant genetic resources	International	University of Kerala, DST-SERB, Kerala state Biodiversity Board.	May 22 to 24, 2019	Foreign -7, Outside state-40
3	Green Technologies for natural product analysis	National	University of Kerala	November 8 <sup>th</sup> 2019	120 (Outside state-4)
4	Basics in Biostatistics	National	University of Kerala	November 27-28, 2019	
5	Tools and Techniques in Advanced Plant Science Research	National	University of Kerala	December 5-12, 2019	35(outside state-1)

18. Major equipments purchased during the year.

Sl. No	Name of the equipment	Cost	Source of fund	Purpose/ use
1	Smart 2 pure 6UV/VF (Thermo water purification system)	401500.00	<b>"Establishment of Translational Research Facility in Plant Cell Culture Technology".</b>	Convert tap water to ultra-pure water for critical lab applications
2	Centrifuge	8,820 EURO		Used for the separation of mixtures based on density
3	UV-Visible Spectrophotometer	USD 5545		Used for the quantitative determination of different analytes and biological macromolecules
4.	Infrared sterilizer	35,490.00		Used for fast and efficient sterilizing of inoculation loops and micro-instruments without gas flame.
5	Printer	v33,450.00		
6	Laptop			

7	Double Distillation Unit	77526.00	<b>“Centre for Biodiversity Conservation and Establishment of Gene Bank for Wild Ornamental Plants for Western Ghats of Kerala”.</b>	Used for the collection of distilled water from tap water after the process of distillation
8	Tissue culture rack	89,675.00		For the effective organization and protection of the flasks containing the plant tissue that are incubated. (it can handle relatively larger number of flask).
9	Laminar airflow	64090.00		To prevent contamination during tissue culture experiments
10	Analytical Balance	49744.00		Used for the accurate weighing of samples and precipitates
11	Horizontal autoclave	421779.00		To perform sterilization of laboratory glassware, other equipment and surgical instruments using saturated steam under pressure
12	Refrigerator	22637.00		
13	Digital camera	2,37891.00		
14	Air_lift Bioreactor	11,00,000	DST-SERB	Enhanced production of secondary metabolites and algal culture
15	Refrigerated centrifuge	717066	State Plan Fund	For the isolation and purification of DNA, RNA and Proteins
16	UV VIS Spectrophotometer	423374	State Plan Fund	Quantification and characterization of phytochemicals

19. Major developmental activity like construction etc.

Sl. No	Name of the activity	Cost	Source of fund	Purpose
	Building for centre of Biodiversity conservation	80 Lakhs	University of Kerala	Conservation of Biodiversity

20. Details of syllabus revisions during the year (indicate major/ minor) NIL

New Course M Sc Biodiversity Conservation started with new syllabus

21. Details of community outreach programmes (Please give a brief description)

- Identification and labelling of trees in Military station, pangode- August to December 2019
- Quiz competition, collection of plastic waste and Planting of trees in Env't day – June 6, 2019
- Soil day observation and exhibition of soil-types, and poster competition – December 5, 2019
- Impact of flood on Flora, Invasive species and livelihood of tribes, assessment -3 projects were carried out and submitted report to KSBB, for rebuilding Kerala
- Science week exhibition /open house- Feb 2019
- Actively Participated in competitions in Vasantholsavam 2019 organized by Tourism Council, and won, 4 first prizes, 5 second prizes and one third prize. Dec 20-Jan 5th 2019
- Participated in Science exhibition in Connection with Nation Childrens Science Congress. –Dec 27-Dec 31<sup>st</sup> 2019

- Dr T S Swapna convened Self defense training & awareness programmes for women for University of Kerala In collaboration with Kerala Police Department ( Nov and Dec 2019)

22. Adoption of villages/ colonies/ schools/ departments in colleges, if any with brief description.

- Proposal given to adoption of schools for medicinal plant garden

23. Steps taken to make the department differently abled friendly.

- Ramps and wheel chairs available

24. Green initiatives/ waste management/ energy saving measures.

**1. Programs for Rain water harvesting and utilization**

The water runoff through the surface allowed to percolate to the soil water column with project “Uyirneerthadam” there is no any storage tanks, instead the ditches 350 L capacity that trap the runoff water while raining.

**2. Green practices adopted (Give details)**

- 1. Plastic free campus:** The students, faculties and other staff members of this campus have made a commitment to make the campus green. As an initiative for this, many steps were taken of which the most important was replacing plastics with other biodegradable items. Efforts were made for setting the campus plastic free by avoiding or reducing the use of plastic bags, cups, pots, chairs etc. Use of plastic covers is completely banned. Most of the plastic pots in our garden was replaced with clay pots and the plastic chairs in classrooms and office was replaced with wooden chairs. Paper cups are used for the programmes conducted in the campus. Use of thermo-coal and flex is completely banned in the campus.
- 2. Paperless office:** Paperless office is another initiative put forth by the campus. As a part of this, all the matters related to the academic purpose or other official purposes between the university, students and staff is completely computerized, e-mails. As well as the invasion of social media also used here for the easy communication to students via Whatsapp groups, the circulars and other information those are need to spread to the students get easily reached to students and reduced the use of papers. Documents are sent in pdf format. Thus all the official communications are circulated through these digital media. Apart from the papers once used are being reused. One sided standard size paper and post cards are being reused. Thus, minimum waste and wastage of paper is maintained in this campus
- 3. Green landscaping with trees and plants:** The beauty of the campus is maintained by the trees

and plants in the campus. The campus holds large area of greenery filled with both indigenous as well as exotic plant species. One of the major attraction is 'Hortus Malabaricus' which contains more than 200 sps. of plants that belong to the western ghats. This project includes the planting and conservation of indigenous plants. Another project managed by the Dept. of botany includes the 'Plantation' in which Acacia is replaced with indigenous trees. It is a pilot project of campus administration Kariavattom.

Apart from these many gardens are also maintained in the garden which includes Nakshatra Garden, *Thulaseevanam* etc. All these accents for a wide variety of plants which are both aesthetic and medicinal in use.

The campus also holds for medicinal garden with variety of medicinal plants. The garden also comprise of variety of bushes, orchids etc. The campus also has 3 greenhouses for the plants. Many underutilized crops are also cultivated in the campus garden. All these add beauty and aesthetic pleasure to the campus. In association with biodiversity board department of botany introduced indigenous fruit trees to the department field by replacing the monoculture acacia, the project was also as part of improving the vegetation of the field by introducing diversity.

- 4. Solar power Utilization/LED lamps:** The department of Botany have an improving energy consumption strategy. The corridor and translation lab is fully lightened with LED Lamps to reduce the energy consumption.

Name of the program	Activities	Outputs
Solid waste	Students and staffs of the department were involved in the collection of solid waste and separated them into biodegradable and non-biodegradable. Some substances like plastic cups, used bottles were collected to make crafts etc. Food waste, plastic waste are collected in separate waste bins.	Glass bottles were used to grow plants Paper cups were used to make decorative items. Collected food wastes are dumped in separate pits.
Liquid waste	Students and staffs were involved in the cleaning drive conducted in department in which liquid and chemical waste from labs were collected and separated. Least toxic chemicals were decontaminated.	Decontaminated waste materials from the tissue culture labs and microbiology labs dumped into separate deep pits far away from the department with proper safety measures.
E waste	The E-waste like de-commissioned instruments, computers and other electrical wastes properly disposed with the Central Laboratory for Instrumentation and Facilitation (CLIF) under university of Kerala, Kariavattom campus.	Collected E-wastes were hand over to CLIFF.

25. Details of alumni association.

Sl. No	Details	
1.	Name of the association	KUBAA (KERALA UNIVERSITY BOTANY ALUMNI ASSOCIATION)
2.	Registered or not	Registered
3.	No. of meetings held this year	Executive committee meetings - 2 (On 8 <sup>th</sup> April 2019 & 2 <sup>nd</sup> May 2019. General Body Meeting On 4 <sup>th</sup> May 2019
4.	No. of members added this year	63
5.	Details of alumni contributions, including endowments, talks, donation etc	Prize money for various competitions in connection with Department Day Celebrations= Rs- 9750/- Abraham memorial Gold Medal for 1st rank holder in M.Sc Genetics and Plant Breeding M.Sc. Course for 2019- Rs 500/- Cash prizes for best Papers presented in International conference on May ----2019 6themes- Rs 6000/- Cash prize for the best idea presentation in Green technology Conference- Rs. 1000/- Refreshmentfor Department Day celebration and Green Technology Conference Rs. 7360+ 1500 = Rs. 8860/-

26. Details of eminent personalities visited in the department.

**Dr Koen Van Rompay** who is a world famous virologist from University of California visited the Department and interacted with the students

Dr Martin R Williams From London

**Khoo Meng WONG**, Singapore Botanic Gardens, Republic of Singapore

**Louise Neo**, National University of Singapore

**Prof. H.K.I. Perera** University of Peradeniya, Sri Lanka

**Dr Sarasan V**, Royal Botanic Gardens, Kew, UK

27. Details of awards received by faculty/ staff/ students.

**Received Best Project Award 2017-2018** under the category of 'Faculty of Science' and 'Faculty of Applied Science & Technology' for the KSCSTE sponsored project entitled 'Conservation strategies and *in vitro* production of anthraquinones in *Gynochthodes umbellata* (L.) Razafim. & B. Bremer (Rubiaceae)-a potential dye yielding plant' instituted by University of Kerala. The award carries a citation and cash prize Rs. 30,000.

28. Other major achievements and activities, including invited lectures, interactions, get together etc.

- Invited lecture on '*In vitro* induction of root tubers: An advanced system for elicitation of

colchicine production from *Gloriosa superba* L.'at International Conference on New Horizons in Biotechnology, Organized NIIST, Thiruvananthapuram.( Nov 2019)

- Presented Invited lecture on In vitro system: Improved technique for enhanced production of Plant secondary metabolites at Five Day National Workshop on Gene Transfer Technology in Plant Cells, Mother Teresa Women's University, Kodaikanal (03-9-19)
- "Role of Biodiversity Boards in conservation of Traditional Knowledge systems" invited lecture in Two day Advanced Regional Workshop on " Misappropriation of traditional Knowledge system: Quest towards sustainable Biodiversity" 8-9 March 2019

- Department day hosted by KUBAA was celebrated on 4th May 2019 and Alumni meeting
- PTA MEETING-24-6-2019

29. Important society chapters like IEEE, Aquatic association etc

- Society for Cytologists and Geneticists,
- Indian Botanical Society, Kerala Chapter,
- Indian Association of Angiosperm Taxonomy,
- Gregor Mendel Foundation
- Biotech research Society

30. Details of online courses offered

Sl. No	Details	
1.	No. of MOOC courses offered	LMS based online courses- 3
2.	Name of the coordinator	Dr T S Swapna
3.	No. of students enrolled for the course	17
4.	No. of students enrolled for online/MOOC courses offered by other institutions	Nil

### C. CONTRIBUTION AT INDIVIDUAL LEVEL

1. Name of faculty: Dr. TS. SWAPNA
2. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc 2
3. No. of book edited/ published with ISBN 3
4. No. of papers published as chapters in books 1
5. No. of papers/ abstracts published in conference proceedings with ISBN 11
6. No. of presentations in conferences/ seminars (indicate oral/ poster) 34
7. No. of PhD theses awarded 1
8. No. of MPhil dissertations awarded : 2
9. No. of MPhil dissertations submitted : 2
10. No. of workshops/FDPs/short term courses/conferences attended: 6
11. Chairman, Doctoral Committee, Department of Botany, University of Kerala Board of studies member in Botany (pass), University of Kerala Board of studies member in Biotechnology in Mar Ivanios College (Autonomous)
12. 20. Service as reviewer of journals/ seminar papers (give details) African journal of Biotechnology (2019) Biologica (2019) African journal of Agricultural Research (2019)
13. Served as Chair/ member of committees/ boards/ councils/ commissions etc
  - Board Member of Kerala State Biodiversity Board
  - Selection Committee member for the placement of teachers of Govt. Colleges from Assistant Professor Stage 3 to Associate Professor ( held at the Directorate of Collegiate Education, Thiruvananthapuram on 6-11-2019, 25-11-19.
  - Member for evaluating Papers in Kerala Science Congress 2020
  - Member of Technical Sanction Committee for reviewing the projects in Kerala State Biodiversity Board
  - Member of screening committee for the placement of college teachers in Botany in S N college for women, Kollam, Christian College Kattakada, T K MM College, Nagyarkulankara and St Stephens college, Pathanapuram.
  - Member of panel of experts for evaluation of student project scheme in KSCSTE 2019.
  - Member of panel of experts for evaluation of proposals for environment day celebration scheme in KSCSTE 2019
  - Board of studies member in Botany (pass) in University of Kerala 2019
  - Board of studies member in Biotechnology in Mar Ivanios College, Thiruvananthapuram.
  - Member of Panel of Adjudicator of Ph D thesis in Bharathiar University, University of Calicut, Panjab University (2019)
  - Organizing Committee member of National Seminar on Advances and applications in Plant Sciences, Organized by Department of Botany,

University of Kerala, Thiruvananthapuram Feb 6-8, 2019

- Co- convenor of 'Provetus Plantae' International Seminar on Exploring the scope for Plant Genetic Resources, organized by Department of Botany, University of Kerala, Thiruvananthapuram May 22-24, 2019
  - Member, selection committee for Haritha Award 2019, Haritha Kerala Mission
  - Member of Apex Resource Group for implementation of Sasthraposhini scheme, KSCSTE
  - Chaired a session in the International Seminar on Life Science for Sustainable development, held at Department of Botany, University College, Thiruvananthapuram on October 3-5, 2019.
14. Activities in clubs, associations, NSS etc: Organized Department day celebration 2019 and KUBAA 10<sup>th</sup> Annual General Body meeting on 10<sup>th</sup> May 2019
  15. Any other activities  
Organized Refresher course in Academic staff college, University of Kerala, July 11-24/2019

#### **Name of faculty: Dr. Ashalatha S.Nair**

1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc: 1
2. No. of papers/ abstracts published in conference proceedings with ISBN: 3 nos.
3. No. of presentations in conferences/ seminars (indicate oral/ poster): 5

#### **Name of faculty : P.M..Radhamany**

1. No. of book edited/ published with ISBN: 2 nos.
2. No. of PhD theses awarded: 2 nos.
3. No. of PhD thesis submitted: 1 no.
4. No. of MPhil dissertations awarded : 2 nos.
5. Member of Board of studies in Botany, University of Kerala  
Member of Board of studies in Botany, Mar Ivanios College  
Member of Board of studies in Botany, C.M.S College
6. Service as reviewer of journals/ seminar papers (give details)  
Evaluator of papers in the Kerala Science congress
7. Served as Chair/ member of committees/ boards/ councils/ commissions etc  
Member of CSS Academic committee, University of Kerala  
Convenor of CSS examination squared, University of Kerala  
Member of scrutiny committee for application for the appointment of teaching posts, University of Kerala
8. Activities in clubs, associations, NSS etc:

#### **Name of faculty Dr. S. Suhara Beevy**

1. No. of MPhil dissertations awarded : 2
2. No. of workshops/FDPs/short term courses/conferences attended:  
Three national conferences

- One international conference and  
Three workshops
- Involvement in academic bodies as dean, academic council/ board of studies member etc.  
Chairman, Board of studies (PG), Botany  
Member, Board of studies (PASS), Botany  
Member, Board of studies (PASS), Biotechnology
  - Service as reviewer of journals/ seminar papers (give details)  
Reviewer of the Journal of Horizon Research publishing  
Adjudicator of Ph.D thesis evaluation of Botany/ Plant Science of the University of Calicut, Kannur, MG University and Karnataka University
  - Served as Chair/ member of committees/ boards/ councils/ commissions etc  
Chaired a session in the National Seminar on Recent Trends and Advancements in Regenerative Medicine & the role of Omics and biomarkers in Health”held on 28<sup>th</sup> Feb. -2<sup>nd</sup> March, 2019 by the Department of Zoology, University of Kerala  
Chaired a session in the XXIX IAAT Conference and National Symposium on Modern Trends in Biosystematics of Angiosperms on Nov.11-13 held at JNTBGRI, Palode  
Chaired a session on Forest/Crop protection in context of climate change scenario in the National Seminar on Forestry, Plant Genetics and Improvement jointly organized by KSCSTE- KFRI & Gregor Mendel Foundation on December 3-4 at KFRI, Peechi  
Acted as a Judge in the National Seminar on Forestry, Plant Genetics and Improvement jointly organized by KSCSTE- KFRI & Gregor Mendel Foundation on December 3-4 at KFRI, Peechi  
Member of the Judging Panel for the session Phytochemistry and Natural Products in the International Seminar on Life Sciences for Sustainable Development: Issues and Challenges from October 3-5,2019.  
Member of the judging panel of the flowershow Vasantholsavam 2019-20  
Activities in clubs, associations, NSS etc: Organized Department day celebration2019 and KUBAA 10th Annual General Body meeting on 10th May 2019 as the president of KUBAA

**Name of faculty: Dr. A. Gangaprasad**

- No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc 4 nos.
- No. of presentations in conferences/ seminars (indicate oral/ poster) 30
- No. of PhD theses awarded 3 nos.
- No. of PhD thesis submitted 3 nos.
- No. of MPhil dissertations awarded : 1
  - Hon. Vice Chancellor, University of Mysore nominated Dr. A. Gangaprasad as member Board of Studies in Botany (Post Graduate) w.e.f 14-11-2019 for three years.
  - Dr. A. Gangaprasad acted as member the of *Vasantholsavam* 2019-20 fom 21<sup>st</sup> December 2019 to 5<sup>th</sup> January 2020 at Kanakakunnu Palace and

Sooryakanthi fair ground, Thiruvananthapuram, organized by Department of Tourism, Kerala State Council for Science, Technology and Environment and Department of Agriculture, Government of Kerala.

- Dr. A. Gangaprasad (Monitoring Committee Member) had visited the five Model Residential Schools (MRS) in Wayanad Districts from 3<sup>rd</sup> to 5<sup>th</sup> January 2019 to monitor the Science Projects as part of the Sasthrabodhini Scheme of KSCSTE, Govt. of Kerala
- Nominated as Convenor of the judging Committee of the Vasantholsavam 2019-20 Annual Flower show at Kanakakunnu Place organised by Tourism Department Govt. of Kerala and KSCSTE, Govt. of Kerala.
- Attended the 23<sup>rd</sup> meeting of Governing Body of institute of Human Resources Development (IHRD), Govt. of Kerala held on 27-02-2019 at Mascot Hotel, Thiruvananthapuram.
- Chaired a scientific session in the National seminar on ‘Recent trends and advancement in regenerative medicine and role of omics and biomarkers’ in health held as part of National Science Day Celebration by Dept. of Zoology, University of Kerala, Thiruvananthapuram on 28<sup>th</sup> February to 2<sup>nd</sup> March 2019.
- Attended the project Evaluation committee of MRS Science Fair 2019 in connection with Sasthrabodhini Scheme at Mar Gregorious Renewal Centre, Nalachira as a member on 11<sup>th</sup> and 12<sup>th</sup> February 2019.
- Attended the State Level Screening Committee (SLSC) meeting of the State Medicinal Plants Board at Regional office Poojapura on 23<sup>rd</sup> March 2019.
- Dr. A. Gangaprasad attended as subject expert in the screening cum evaluation for assessing the placement promotion of Teachers in the Department of Botany, University College, Thiruvananthapuram on 11-06-2019 at University College, Thiruvananthapuram.
- Kannur University appointed Dr. A. Gangaprasad as Examiner for the valuation of the answer scripts of the PhD Entrance Exam 2019.
- Dr. A. Gangaprasad acted as Quiz Master for a quiz competeion conducted in the department in connection with the Kerala University Botany Alumni Association and Department day celebration on 2-05-2019.
- Dr. A. Gangaprasad attended as Subject Expert in the screening cum Evaluation committee for assessing the placement proposals of Teachers in the Department of Botany, Govt. College, Kariyavattom on 07-06-2019.
- Dr. A. Gangaprasad attended duty as Subject Expert in the screening cum Evaluation committee for assessing the placement proposals of Teachers in the Department of Botany, University College, Thiruvananthapuram on 11-06-2019.
- University of Kerala nominated Dr. A. Gangaprasad as subject expert for the recognition as research centre, PG Department of Botany, Christain College Kattakada and visited the college and submitted the report to the University on 19-06-2019.

- University of Kerala nominated Dr. A. Gangaprasad as member of the Anti Ragging Committee and Anti Ragging Squad for the academic year 2018-2019.
  - Organizing Committee member of the 'Provectus Plantae'19 International Conference on 'Exploring the scope of plant genetic resources' organized by the Department of Botany, University of Kerala, Kariyavattom during May 22-24, 2019.
  - Attended the Scheme for Promotion of Academic and Research Collaboration (SPARC) Orientation Workshop organized by University Grants Commission on 20<sup>th</sup> September 2019 at ECE Golden Jubilee Hall, Indian Institute of Science, Bengaluru.
  - Hon. Vice Chancellor nominated Dr. A. Gangaprasad as member of Academic Committee of Credit and Semester System under the category of Deans of Faculty of Science, University of Kerala wef 30-08-2019.
  - Dr. A. Gangaprasad has attended the combined meeting of the Board of studies in Biotechnology (pass), Chemistry (Pass) and Microbiology & Pharmacy held on 12-07-2019 at Senate House campus, Palayam, University of Kerala
  - Dr. A. Gangaprasad has participated in the one day Workshop on 'Outcome based education held on 23-07-2019 at Aquatic Biology Hall, Department of Aquatic Biology and Fisheries, University of Kerala, Kariyavattom. attended the combined meeting of the Board of studies in Biotechnology (pass), Chemistry (pass) and Microbiology & Pharmacy held on 12-07-2019 at Senate House campus, Palayam, University of Kerala
  - Dr. A. Gangaprasad has attended the District Level Workshop of Guuhachaithanyam Project organized by State Medicinal Plants Board, Kerala at District Panchayath Hall, Idukki on held on 05-07-2019.
  - Dr. A. has been nominated by the Hon. Chancellor, University of Kerala as Dean Faculty of Science wef 08-08-2019.
  - Dr. A. Gangaprasad has attended duty as External Examiner for the valuation of answer scripts and *viva - voce* of PhD (Botany) preliminary qualifying examination held on 27-08-2019 at Department of Botany, University of Calicut.
  - Dr. A. Gangaprasad act as Question paper setter for the I semester PG Degree examination -October 2019 of Fatima Matha National College (Autonomous) Kollam.
  - Dr. A. Gangaprasad has attended the 22<sup>nd</sup> Board meeting of the State Medicinal Plants Board, Kerala at Govt. Guest House Thycaud o 10<sup>th</sup> July 2019.
  - Conducted a Plant Collection trip to Chinnar, Marayoor and Munnar in connection with the establishment of germplasm for Wild ornamental plants of Western Ghats during 3-08-2019 to 6-08-2019.
  - Dr. A. Gangaprasad attended the interview as Subject expert for the selection of Assistant to Pharmacognosy Officer at Kerla Public Service Commission Pattom, Thiruvananthapuram during 10<sup>th</sup> and 11<sup>th</sup> October 2019.
  - Vice chancellor appointed Dr. A. Gangaprasad as a member of the selection committee for engaging Research Fellow on contract basis in the Population Research Centre, Kariyavattom for a period of one year wef 11-10-2019.
  - Dr. A. Gangaprasad attended duty as external examiner for the M.Phil. (Botany) dissertation evaluation, *viva voce* and CV Camp held at Department of Botany, University of Calicut on 25-10-2019.
  - Vice Chancellor nominated Dr. A. Gangaprasad as a member to the Book Selection Committee of Kerala University Library for the purchase of Books for the year 2019-2020 wef 26-10-2019.
  - Dr. A. Gangaprasad attended as subject expert for the selection committee for scrutinizing the proposals of teachers of Govt. Colleges for the placement as Associate Professors (Botany) held at the Directorate of Collegiate Education, Thiruvananthapuram on 6-11-2019.
  - Dr. A. Gangaprasad attended the 29<sup>th</sup> Annual conference of Indian Association of Angiosperm Taxonomy and National Symposium on Modern Trends in Biosystematics of Angiosperms at KSCSTE -Jawaharlal Nehru Tropical Botanic Garden and Research Institute Palode, Thiruvananthapuram, India organized by JNTBGRI and Birbal Sahni Institute of Palaeosciences, Lucknow, Uttar Pradesh during November 11-13, 2019.
  - Vice chancellor, University of Calicut appointed Dr. A. Gangaprasad as chairman of the Board of Examiners for the conduct of the open defense and *viva voce* of Mr. Shinoj K. Department of Botany, University of Calicut and conducted the open defense on 30 November 2019 in the Department of Botany, University of Calicut.
  - Dr. A. Gangaprasad attended the National seminar on Forestry, Plant Genetics and improvement jointly organised by Kerala Forest Research Institute and Gregor Mendel Foundation at Kerala Forest Research Institute during December 03-04 2019 and chaired a scientific session.
  - Dr. A. Gangaprasad attended the annual meeting of the Board of studies in Biotechnology (Pass) held on 11-12-2019 at University of Kerala Palayam SH campus.
6. 25. Details of international/ national/ state awards/ recognitions received.
- Nominated Core Committee Member, Annual Report 2018, University of Kerala**
- Received Best Project Award 2017-2018** under the category of 'Faculty of Science' and 'Faculty of Applied Science & Technology' for the KSCSTE sponsored project entitled 'Conservation strategies and *in vitro* production of anthraquinones in *Gynochthodes umbellata* (L.) Razafim. & B. Bremer (Rubiaceae)-a potential dye yielding plant' instituted by University of Kerala. The award carries a citation and cash prize Rs. 30,000.
- Nominated by KSCSTE, Govt. of Kerala as the member of Project Evaluation Committee of MRS Science Fair 2019 connection with Sasthrabodhini Scheme of KSCSTE, Govt. of Kerala.
- Co-opted members to the UGC-MHRD committee of NAAC Directorate wef 22-01-2019.



7. 27. Any other activities

Established India's First Raj Bhavan with Digital Garden at Kerala Raj Bhavan, Thiruvananthapuram

Documentation and digitization of tree species of Kerala Raj Bhavan was carried out. The Study carried out by Dr. A. Gangaprasad, and Mr. Akhilesh S. V. Nair, Research Scholar which involves the documentation and digitization of tree species of Kerala Raj Bhavan. All the documented data were digitized through website creation, QR code linking and Android App creation. This is the first Raj Bhavan in India with digital Garden. The document entitled 'Trees of Kerala Raj Bhavan- India's first Raj Bhavan with digital garden' authored by A. Gangaprasad and Akhilesh S.V. Nair was released by the Hon. Governor of Kerala Justice (Retd) P. Sadasivam.

Plant collection trip to Andaman & Nicobar Island

As part of the ongoing project entitled 'Establishment of a germplasm conservatory for economically important plant species of the Andaman-Nicobar islands and their sustainable utilization', a plant collection trip was conducted to Andaman Islands during March 7<sup>th</sup> to 20<sup>th</sup> March 2019 and collected more than hundred rare and endemic plants. All the collected species were planted in the Botany Department Botanic Garden.

**Name of faculty: Dr. E.A. Siril**

1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc : 4
2. No. of papers published in other peer reviewed journals with ISSN etc 2
3. No. of presentations in conferences/ seminars (indicate oral/ poster): 15 nos.
4. No. of PhD theses awarded: 4
5. No. of PhD thesis submitted: 1
6. No. of MPhil dissertations awarded : 1
7. No. of workshops/FDPs/short term courses/conferences attended: 5
8. Involvement in academic bodies as dean, academic council/ board of studies member etc.  
Member, Board of Studies (Botany; University nominee), FMN College, Kollam  
Member, Board of Studies (Botany), Vimala College, Trichur  
Member, Board of Studies (Botany), Bharathiar University, Coimbatore  
Member, Board of studies, Botany & Biotechnology, Mar Ivanios College, TVM  
Member, Board of studies, Botany, St. Albert's College, Ernakulam  
Member, Board of studies, Botany, St. Terasa's College, Ernakulam  
Member, Board of studies, Botany, St. Joseph's College, Irinjalakuda
9. Service as reviewer of journals/ seminar papers (give details)  
Acted as reviewer for Journal of Applied Microbiology (Wiley-Blackwell Publ IF 2.69)

Acted as reviewer for Industrial Crops and Products (Elsevier Journal IF 4.19)

10. Served as Chair/ member of committees/ boards/ councils/ commissions etc

Expert evaluator of the proposal(s) applied to 'BI-RAC Innovation Fellowships, University Innovation Cluster, Dept. of Plant Biotechnology, Centre for Plant Molecular Biology and Biotechnology, Tamil Nadu Agricultural University, Coimbatore. Acted as subject expert- in Kerala Public Service Commission

Served as subject expert in the interview Board for the selection of JRF in SERB project at FMN College, Kollam

Acted as editorial Board member, Vimala College Multi-disciplinary Journal. Published by Vimala College, Trichur

Served as subject expert in the interview Board for the selection of Project Fellow in JNTBGRI

Acted as Resource person in Academic Staff College, VIT, Vellore for the Faculty Development Programme and delivered a lecture on Metabolic Engineering Approaches in the production of biochemicals on April 29, 2019

Chaired a session in the International Seminar on Life Science for Sustainable development, held at Department of Botany, University College, Thiruvananthapuram on October 3-5, 2019.

Acted as organizing secretary and conducted National workshop on Tools and Techniques in Advanced Plant Science Research on December 5-12, 2019.

Member, Board of Examiners, M.Phil. Botany, University of Calicut

Member, Board of Examiners IV Sem M.Sc. Applied Plant Science, University of Calicut

Member, Board of Examiners III Sem M.Sc. Applied Plant Science, University of Calicut

Member, Board of Examiners, M.Sc. Biotechnology, University of Kerala

**Name of faculty: Dr. Bindu R. Nair**

1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc 7
2. No. of book edited/ published with ISBN 2
3. No. of papers published as chapters in books 1
4. No. of papers/ abstracts published in conference proceedings with ISBN: 5
5. No. of presentations in conferences/ seminars (indicate oral/ poster) 11
6. No. of MPhil dissertations awarded : 1
7. No. of workshops/FDPs/short term courses/conferences attended: 6
8. Service as reviewer of journals/ seminar papers (give details)  
Acted as reviewer for Applied Biological research Print ISSN: 0972-0979; Online ISSN: 0974-4517  
Acted as reviewer for 3biotech (Springer nature publication)  
Acted as reviewer for three papers in Plant Science today (e-Horizon Publishing group)  
Question paper setter, M.Sc Applied Plant Science, B.Sc Plant Science, University of Calicut

Thesis evaluation, M.ScAgriculture, College of Agriculture, Vellayani

Evaluated a project proposal for Basic Science Division, KSCSTE under SARD scheme

9. Served as Chair/ member of committees/ boards/ councils/ commissions etc

Member of the Judging Panel for the session Phytochemistry and Natural Products in the International Seminar on Life Sciences for Sustainable Development: Issues and Challenges from October 3-5,2019.

**Name of faculty: Dr. RAJALKSHMI R.**

- No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc 5
- No. of papers/ abstracts published in conference proceedings with ISBN 4
- No. of presentations in conferences/ seminars (indicate oral/ poster) 12

- No. of PhD thesis submitted: 1
- No. of MPhil dissertations awarded : 1
- No. of workshops/FDPs/short term courses/conferences attended: 5

**Name of faculty: DR. KAMARUDEENKUNJU**

- No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc: 2 nos.
- No. of papers/ abstracts published in conference proceedings with ISBN 7 nos.
- No. of presentations in conferences/ seminars (indicate oral/ poster) 36
- No. of MPhil dissertations awarded : 2
- 1No. of MPhil dissertations submitted : 2
- Activities in clubs, associations, NSS etc: Organized Department day celebration 2019 and KUBAA 10<sup>th</sup> Annual General Body meeting on 10<sup>th</sup> May 2019 as the president of KUBAA

## DEPARTMENT OF ZOOLOGY

Year of establishment: 1968

Faculty of Science

**A. DEPARTMENT PROFILE**

1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Dr. M C Subhash Peter	M	PhD, D.Sc	Professor
2	Dr. G Prasad	M	MPhil, PhD	Professor and Head
3	Smt. V K Jeejakumari	F	M.Sc	Assistant Professor
4	Dr. P Sreejith	M	M.Sc, PhD	Assistant Professor
5	Dr. F G Benno Pereira	M	M.Sc, PhD	Assistant Professor
6	Dr. S Synudeen Sahib	M	M.Sc, PhD	Assistant Professor

2. Administrative staff - 3 nos. (2M/1F)

3. Programmes offered

Name of programme	strength	Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actual							
MSc I Year	17	14	-	2	1	5			
MSc II Year	12	10	-	2	-	5			
M.Phil (.....)	7	7	-	1		6	-	-	
PhD	25	22		6		7			
Post Doc	2	2	-	-	-				

## B. COMMON ACTIVITIES

1. Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.

Dr. G Prasad

Sl. No.	Title of the Paper	Journal with ISSN No.	Month/Year	Impact Factor	Scopus/WoS/CARE
1.	New Report of five species of Ants ( Hymenoptera): Formicidae) from Kerala	Journal of Entomological Research	2019	0.14	SCOPUS
2.	Butterflies of the Myristica swamp forests of Shendurney Wildlife Sanctuary in the southern Western Ghats, Kerala, India	Journal of Threatened Taxa, 2019	2019	0.12	SCOPUS
3.	Diversity and distribution of ant fauna (Hymenoptera: Formicinae) in selected coastal region of central Kerala, India	Ecology. Environment. & Conservation, 2019	2019		SCOPUS
4.	Does mitochondrial dysfunction of hair follicle epithelial stem cells play a role in the pathobiology of lichen planopilaris (LPP)?	Journal of Investigative Dermatology	2019	6.28	

2. Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.

Dr. G Prasad

Sl.No.	Title of the Paper	Journal with ISSN No.	Month/Year
1.	Current distribution of Nilgiri grass yellow <i>Eurema nilgiriensis</i> Yata (Lepidoptera: Pieridae), with an updated taxonomic key to <i>Eurema</i> of Western Ghats, India	ENTOMON	2019
2.	Seasonal variation of Phytoplankton in Cherthala-Aroor-Edakochi Coastal Belt of Kerala, India	Ambient Science	2019

3. No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any.) - 6 nos.
4. Details of newsletters/ brochure/ bulletins/ published by the department. - 1 no.
5. No. of PhD theses submitted. - 5 nos.
6. No. of M. Phil dissertations awarded. - 5 nos.
7. No. of M. Phil dissertations submitted. - 6 nos.
8. Students who cleared GATE/NET/SET etc. - 1 CSIR/JRF
9. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	No
2.	No. of books in stock as on Jan 1,2019	6133
3.	No. of books added this year	80
4.	No. of offline journal subscribed	10
5.	No. of online journals subscribed	Access to UGC e-Journals
6.	No. of online books available	Nil
7.	Amount spend for purchase of books	Rs. 3,23,150

10. No of funded projects active during the year: (Project name, funding agency, total outlay)

**Ongoing**

Sl. No.	Title of the proposal	Funding agency	Amount
1.	Human- Wildlife Conflicts in Kerala: De-valuation of Present Status and Effective Mitigation Measures	Plan Fund of the University of Kerala 2019-20	Rs. 7,06,800.00
2.	Landscape Ecology and Biosphere Characterization of Western Ghats: A GIS Based Decision Support System for Biodiversity Management	State Planning Bd	Rs. 40,00,000.00
3.	Assessment of Native And Exotic Ichthyodiversity Status And Pesticide Level Of River Bharathapuzha, Periyar And Pamba	KSBB (Kerala State Biodiversity Board)	Rs. 570000
4.	Domestic Re-circulating Aquaculture System (RAS) suitable for Kerala	State Plan Grant	Rs. 400000
5.	Evaluate the disruption of Cholesterol Homeostasis on hair follicle cycling and Stem Cell function in alopecia	Dept of Health Research for Startup Project Grant	Rs.28,91,100
6.	Erudite Program 2019-2020	University of Kerala	2,15,000
7.	KSCSTE, Kerala Technology Commission Project 3rd Instalment	KSCSTE	Rs.4,73,220
8.	MPLADS Fund for Setting up Advanced Centre for Regenerative medicine and Stem Cell Research in Cutaneous Biology (ACRem-stem) at University of Kerala, Thiruvananthapuram	MPLADS	Rs. 50,00,000

11. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1	Workshop on Taxonomy of Mantids	National	University of Kerala	20-23, March 2019	30
2	National Seminar on Ecology and Conservation	National	University of Kerala	14-16 January, 2019	125
3	National Seminar on Biodiversity Conservation	National	University of Kerala	21-23 November, 2019	140
4	Workshop on Outcome Based Education (OBE)		University of Kerala	16 November 2019	40
5	Workshop on Innovative teaching in Zoology and Integrative Biology-WIT 2019	Regional	iCEIB	16-11-2019	33
6	National Seminar on Recent Advances in Biological Sciences	National	Department of Zoology	116-10-2010	76

12. Details of syllabus revisions during the year (indicate major/ minor)

Syllabus revised as per Outcome based Education.

13. Steps taken to make the department differently abled friendly.

Ramp constructed for wheelchair

14. Green initiatives/ waste management/ energy saving measures.

All the conferences, workshops and conferences are conducted as per the Green Protocol.

15. Details of alumni association.

Sl. No	Details	
1.	Name of the association	Zoology Alumni Association, University of Kerala
2.	Registered or not	No
3.	No. of meetings held this year	1
4.	No. of members added this year	20
5.	Details of alumni contributions, including endowments, talks, donation etc	NIL

16. Details of eminent personalities visited in the department.

Three

Farid A. Badria, Ph. D.

Professor of Pharmacognosy

Head of Liver Research Lab

Head of Drug Discovery Unit

Faculty of Pharmacy, Mansoura University,

Mansoura, Egypt

[faridbadria@yahoo.com](mailto:faridbadria@yahoo.com)

[faridbadria@gmail.com](mailto:faridbadria@gmail.com)

T:0020-123542193, Fax: 0020-402970471

<http://osp.mans.edu.eg/fab/>

• Subhash C. Chauhan, Ph. D

Professor and Inaugural Chairman

Department of Immunology and Microbiology

Founding Director, Institute for Cancer Immunotherapy

School of Medicine, UTRGV

Email: [subhash.chauhan@utrgv.edu](mailto:subhash.chauhan@utrgv.edu)

• **Albert P. Li, PhD, MBA**

President and CEO, In Vitro ADMET Laboratories, Inc,

Columbia, MD 21045, USA

C. CONTRIBUTION AT INDIVIDUAL LEVEL

**Name of faculty: Dr. G Prasad**

1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.

Sl.No.	Title of the Paper	Journal with ISSN No.	Month/Year	Impact Factor	Scopus/WoS/CARE
1.	New Report of five species of Ants ( Hymenoptera): Formicidae) from Kerala	Journal of Entomological Research	2019	0.14	SCOPUS
2.	Butterflies of the Myristica swamp forests of Shendurney Wildlife Sanctuary in the southern Western Ghats, Kerala, India	Journal of Threatened Taxa, 2019	2019	0.12	SCOPUS
3.	Diversity and distribution of ant fauna (Hymenoptera: Formicinae) in selected coastal region of central Kerala, India	Ecology. Environment. & Conservation, 2019	2019		SCOPUS

2. No. of papers published in other peer reviewed journals with ISSN etc.

Sl.No.	Title of the Paper	Journal with ISSN No.	Month/Year
1.	Current distribution of Nilgiri grass yellow <i>Eurema nilgiriensis</i> Yata (Lepidoptera: Pieridae), with an updated taxonomic key to <i>Eurema</i> of Western Ghats, India	ENTOMON	2019
2.	Seasonal variation of Phytoplankton in Cherthala-Aroor-Edakochi Coastal Belt of Kerala, India	Ambient Science	2019

3. No. of presentations in conferences/ seminars (indicate oral/ poster) 16 - Oral

4. No. of PhD thesis submitted - 1 no

5. No. of MPhil dissertations awarded - 2 nos.

6. No. of MPhil dissertations submitted - 2 nos.

7. No. of workshops/FDPs/short term courses/ conferences attended - 2 nos.

8. Involvement in academic bodies as dean, academic council/ board of studies member etc.

Member of Board of studies, PG Zoology

Chairman, Doctoral Committee, Kerala University

Chairman, Doctoral Committee, M G University

Member, Senate, Kerala University

9. Service as reviewer of journals/ seminar papers (give details)

Reviewed Papers for Journal of Environmental Biology, and Indian Journal of Fisheries.

10. Served as Chair/ member of committees/ boards/ councils/ commissions etc.

Member of Board of studies, PG Zoology

Chairman, Doctoral Committee, Kerala University

Chairman, Doctoral Committee, M G University

Member, Senate, Kerala University

11. Activities in clubs, associations, NSS etc

President, ZooForte, Nature Club of Department of Zoology, University of Kerala.

**Name of faculty: Dr. M C Subhash Peter**

1. No. of papers published in other peer reviewed journals with ISSN etc.

Sl.No.	Title of the Paper	Journal with ISSN No.	Month/Year
1.	Melatonin integrates differential $NA^+/K^+$ -ATPase-driven $NA^+$ signaling and promotes recovery response of ionocytes in immersion-stressed air-breathing fish ( <i>Anabas testudineus</i> Bloch)	Bio Open	2019
	<i>In vivo</i> action of ammonia on ion transport function in liver and heart mitochondria of immersion-stressed air-breathing fish ( <i>Anabas testudineus</i> Bloch)	J. Endocrinol. Reprod	2019

2. No. of presentations in conferences/ seminars (indicate oral/ poster) 21 - Oral

3. No. of MPhil dissertations awarded - 2 nos.

4. No. of MPhil dissertations submitted - 2 nos.

5. No. of workshops/FDPs/short term courses/ conferences attended - 3 nos.

6. Involvement in academic bodies as dean, academic council/ board of studies member etc.

Hon. Director iCEIB

**Name of faculty: Dr. Sreejith.P**

1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.

Does mitochondrial dysfunction of hair follicle epithelial stem cells play a role in the pathobiology of

lichen planopilaris (LPP)? J.A. Hardman<sup>1</sup>, T. Purba<sup>1</sup>, S. Panicker<sup>2</sup>, B Farjo<sup>3</sup>, N Farjo<sup>3</sup>, M.J. Harries<sup>1,4</sup>, R. Paus<sup>1,5,6</sup>

Journal of Investigative Dermatology, (6.28 impact factor)

2. No. of presentations in conferences/ seminars (indicate oral/ poster)

- International Conference on Reproduction, Endocrinology and Development and 37th Meeting of the Society for Reproductive Biology and Comparative Endocrinology (SRBCE), January 18<sup>th</sup> to 21<sup>st</sup>, 2019, Navarachana University, Vadodara

- Invited Talk Fourth "International Conference on Nutraceuticals and Chronic Diseases" held at IIT Guwahati from 23rd-25th September

- Invited Talk: 2<sup>nd</sup> National An Conference of the Society for Alternatives to Animal Experiemnts, Guru Nanak Khalsa College, Mumbai 13th to 14th December 2019
  - 32<sup>nd</sup> Annual Conference of Kairali Plastic Surgeons Association (KPSACON-2019) Unveiling the mystery of Hair loss through the Synergy between basic and Clinical Research, 8th to 9th February 2019
  - Attended Seminar Organised Regional Cancer Centre, Thiruvananthapuram in relation to National Technology Day 2019 10th and 11th May 2019
  - Attended “National Workshop on DNA Sequencing and Analysis Focus on DNA Sequencing by Sanger/NGS Method and Data Analysis 28th January 2019 to 1st February 2019
  - Attended Workshop on Popular Science Writingconducted by IQAC 11th and 12th March 2019
  - o Surya Suresh, Nikhila Leemon, Poornima Devi. S, Kavya Satheesh, Sreejith P. Potential role of cytokines in the pathogenesis of Alopecia. 4<sup>th</sup> International Conference on Nutraceuticals and Chronic Diseases. September 23-25, 2019, IIT Guwahati, Assam, India
  - o Kavya Satheesh, Surya Suresh, Nikhila Leemon, Poornima Devi. S, Sreejith P. Assessing *in vitro* and *in vivo* wound healing properties of ethanolic extract of Cinnamon cassia 4th International Conference on Nutraceuticals and Chronic Diseases. September 23-25, 2019, IIT Guwahati, Assam, India. 24<sup>th</sup> September 2019
  - o Nikhila Leemon, Surya Suresh, Kavya Satheesh, Poornima Devi. S, Sreejith P. Disrupted Cholesterol Biosynthetic Pathway Induced Hair Follicle Cycling Deficiency and Stem Cell Apoptosis in Hair follicle: Biochemistry Talks-“Targeting Metabolism in Non-Communicable Diseases”, Department of Biochemistry, Sree Chitra Thirunal Institute for Medical Sciences and Technology, Trivandrum. 2nd August 2019
  - o Poornima Devi. S., Nikhila Leemon, Surya Suresh, Kavya Satheesh, Sreejith P.TGF beta signaling induces PPAR gamma inhibition or AhR activation Alopecia. Biochemistry Talks-“Targeting Metabolism in Non-Communicable Diseases”, Department of Biochemistry, Sree Chitra Thirunal Institute for Medical Sciences andTechnology, Trivandrum. 2nd August 2019
- 3. Invited Talk:**
- International Conference on Reproduction, Endocrinology and Development and 37th Meeting of the Society for Reproductive Biology and Comparative Endocrinology (SRBCE), January 18<sup>th</sup> to 21<sup>st</sup>. 2019, Navarachana University, Vadodara
  - Invited Talk Fourth“International Conference on Nutraceuticals and Chronic Diseases” held at IIT Guwahati from 23rd-25th September
  - Invited Talk: 2<sup>nd</sup> National An Conference of the Society for Alternatives to Animal Experiemnts, Guru Nanak Khalsa College, Mumbai 13th to 14th December 2019
  - 32<sup>nd</sup> Annual Conference of Kairali Plastic Surgeons Association (KPSACON-2019) Unveiling the mystery of Hair loss through the Synergy between basic and Clinical Research, 8th to 9th February 2019
  - Attended Seminar Organised Regional Cancer Centre, Thiruvananthapuram in relation to National Technology Day 2019 10th and 11th May 2019
  - Attended “National Workshop on DNA Sequencing and Analysis Focus on DNA Sequencing by Sanger/NGS Method and Data Analysis 28th January 2019 to 1st February 2019
  - Attended Workshop on Popular Science Writingconducted by IQAC 11th and 12th March 2019
  - o Surya Suresh, Nikhila Leemon, Poornima Devi. S, Kavya Satheesh, Sreejith P. Potential role of cytokines in the pathogenesis of Alopecia. 4<sup>th</sup> International Conference on Nutraceuticals and Chronic Diseases. September 23-25, 2019, IIT Guwahati, Assam, India
  - o Kavya Satheesh, Surya Suresh, Nikhila Leemon, Poornima Devi. S, Sreejith P. Assessing *in vitro* and *in vivo* wound healing properties of ethanolic extract of Cinnamon cassia 4th International Conference on Nutraceuticals and Chronic Diseases. September 23-25, 2019, IIT Guwahati, Assam, India. 24<sup>th</sup> September 2019
  - o Nikhila Leemon, Surya Suresh, Kavya Satheesh, Poornima Devi. S, Sreejith P. Disrupted Cholesterol Biosynthetic Pathway Induced Hair Follicle Cycling Deficiency and Stem Cell Apoptosis in Hair follicle: Biochemistry Talks-“Targeting Metabolism in Non-Communicable Diseases”, Department of Biochemistry, Sree Chitra Thirunal Institute for Medical Sciences and Technology, Trivandrum. 2nd August 2019
  - o Poornima Devi. S., Nikhila Leemon, Surya Suresh, Kavya Satheesh, Sreejith P.TGF beta signaling induces PPAR gamma inhibition or AhR activation Alopecia. Biochemistry Talks-“Targeting Metabolism in Non-Communicable Diseases”, Department of Biochemistry, Sree Chitra Thirunal Institute for Medical Sciences andTechnology, Trivandrum. 2nd August 2019
  - o Surya Suresh, Nikhila Leemon, Poornima Devi. S, Kavya Satheesh, Sreejith P. Commercialization of potential therapeutic herbal Compounds and Nutracosmetics using Organoid Culture Idea Day organized byKeralaUniversity Technology BusinessStartupCentre (KU-TBSC) as part ofKeralaStart Up Mission’s (KSUM) IDEA FEST 2019
  - o Surya Suresh, Nikhila Leemon, Poornima Devi. S, Kavya Satheesh, Sreejith P Commercialization of potential therapeutic herbal Compounds and Nutracosmetics using Organoid Culture Kerala Development and Innovation Strategic Council

(K-DISC), Young Innovators Programme (YIP) 2019-2022 27 October 2019

4. No. of MPhil dissertations awarded - 1 no.
5. No. of MOOC/Online courses completed  
International Training Workshop on Invitro Toxicology: Concept and Practice with Emphasis on Hepatotoxicity, Enterotoxicity and Multiorgan Culture IdMOC  
National Workshop to study tissue regeneration using Zebrafish and Echinoderms as an Alternative Animal Models 25<sup>th</sup> November 29<sup>th</sup> November 2019  
Attended One Faculty Development Program Conducted by the Kerala State Higher Education Council from 29th August to September 2019
6. Involvement in academic bodies as dean, academic council/ board of studies member etc.
  - Chancellors Award Committee
  - AQAR Report Preparation Committee
  - Annual Report Preparation Committee
  - Coordinator: NAAC Directorate Committee Criterion 8
  - PG Exam Chairman: S1,S2,S3,S4 MSc. Bioinformatics
  - PG Diploma Biomedical Science Exam Chairman
  - Board of Studies: UG Zoology
  - Question Paper Preparation Calicut University
  - Course for Work Exam.

- Question Paper Preparation Fellowship Examination of KSCSTE
- Project Fellow Interviewer, JNTBGRI
- Technical Committee member for Evaluating instruments purchase JNTBGI

**Name of faculty: Dr. E.G. Benno Pereira**

1. No. of presentations in conferences/ seminars (indicate oral/ poster) - 1 no.
2. No. of PhD theses awarded - 2 nos
3. No. of PhD thesis submitted - 3 nos.
4. No. of MPhil dissertations awarded - 2 nos.
5. Involvement in academic bodies as dean, academic council/ board of studies member etc.
  - Member Board of Studies in Zoology (PG)
  - Member Board of Studies in Zoology (PG) FMN College, Quilon (Autonomous)
  - Member Board of Studies in Zoology (PG) St. Albert's College, Ernakulam (Autonomous)
6. Served as Chair/ member of committees/ boards/ councils/ commissions etc.
  - Member, Anti -ragging committee, University of Kerala
  - Member, Executive committee- Centre for Academic and Industrial Collaboration, University of Kerala.
  - Member, Malpractice Prevention Squad (CSS), University of Kerala

## **SCHOOL OF PHYSICAL & MATHEMATICAL SCIENCES** **DEPARTMENT OF CHEMISTRY**

**Established: 1937**

**Under School of Physical & Mathematical Science & Faculty of Science**

### **A. DEPARTMENT PROFILE**

#### **1. Teaching Staff**

Sl.No	Name	Designation	Qualifications	M/F
1	Dr. S.M.A. Shibli,	Associate Professor	Ph.D.	M
2	Dr. Sony George	Assistant Professor	Ph.D., PDF	M
3	Dr. E.G. Jayasree	Assistant Professor	Ph.D.	F
4	Dr. C.V. Suneesh	Assistant Professor	Ph.D.	M
5	Dr. Ani Deepthi	Assistant Professor	Ph.D.	F

#### **2. Technical Staff including librarian, guest faculty, emeritus scientists etc (1 no. F)**

Sl.No	Name	Designation	M/F
1	Kumari S. Mini	Reference Assistant (Library)	F



### 3. Administrative staff - 3 nos. (1 F, 2 M)

### 4. Programmes offered - Current Strength & Details

Programme & Seats	Strength		Females	Trans-gender	SC	ST	Other res. categories	Outside state	Foreign	Pass %
	Sanc-tioned	Actual								
M.Sc. (2019-21)	18	18	15	0	3	1	9	0	0	On going
M.Sc. (2018-20)	18	17	13	0	3	0	9	0	0	On going
M.Sc. (2017-19)	15	14	12	0	2	0	4	0	0	100%
M.Phil (2019-20)	9	8	6	0	1	0	5	0	0	On going
M.Phil (2018-19)	8	8	7	0	2	0	4	0	0	100%
Ph.D.	NA	23	20	0	1	Nil	NA	Nil	Nil	NA
Post doc	NA	5	2	0	0	0	NA	Nil	Nil	NA
Others: FIP	NA	2	2	0	Nil	Nil	NA	Nil	Nil	NA

### B: COMMON ACTIVITIES

#### 1. Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.

- Development of voltage gated transdermal drug delivery platform to impose synergistic enhancement in skin permeation using electroporation and gold nanoparticle. Anirudhan T.S., Syam S. Nair, *Materials Science and Engineering: C*, 102 (2019) 437-446. <https://doi.org/10.1016/j.msec.2019.04.044>. Impact Factor: 4.905
- Polyelectrolyte complexes of carboxymethyl chitosan/alginate based drug carrier for targeted and controlled release of dual drug. Anirudhan T.S., Chithra Sekhar V., Syam S. Nair, *Journal of Drug Delivery Science and Technology*, 51 (2019) 569-582. <https://doi.org/10.1016/j.jddst.2019.03.036>, Impact Factor: 2.606
- Effect of dual stimuli responsive dextran/nanocellulose polyelectrolyte complexes for chemophotothermal synergistic cancer therapy. Anirudhan T. S., Chithra Sekhar V., Shainy F., Jefin P. Thomas, *International Journal of Biological Macromolecules*, 135 (2019) 776-789. <https://doi.org/10.1016/j.ijbiomac.2019.05.218>, Impact Factor: 4.784
- Synthesis and evaluation of TiO<sub>2</sub> nanotubes/silylated graphene oxide-based molecularly imprinted polymer for the selective adsorption and subsequent photocatalytic degradation of 2,4-Dichlorophenoxyacetic acid. Anirudhan T.S., Anju S Madanan *Journal of Environmental Chemical Engineering*, 7, (2019) 103355. <https://doi.org/10.1016/j.jece.2019.103355>, Impact Factor :1.198
- Efficient carbon dioxide capture by nitrogen and sulfur dual-doped mesoporous carbon spheres from polybenzoxazines synthesized by a simple strategy, Raneesh Konnola, Anirudhan T.S., *Journal of Environmental Chemical Engineering*, Accepted Date: 15 December 2019, <https://doi.org/10.1016/j.jece.2019.103614>. Impact Factor : 4.02
- Novel pH/reduction responsive graphene oxide nanoparticles based hydrogel for targeted combination chemotherapy, Anirudhan T.S. and A. M. Manasa, *International Journal of Polymeric Materials and Polymeric Biomaterials*, Accepted date : 16 December 2019, <https://doi.org/10.1080/00914037.2019.170651>. Impact Factor : 2.263
- Temperature and pH sensitive multi-functional magnetic nanocomposite for the controlled delivery of 5-fluorouracil, an anticancer drug, Anirudhan, T.S., Christa J *Journal of Drug Delivery Science and Technology*, 2019, <https://doi.org/10.1016/j.jddst.2019.101476>. Impact Factor : 2.606
- Pseudomonas putida* RSS biopassivation of mild steel for long term corrosion inhibition.
- Suma, M. S., Basheer, R., Sreelekshmy, B. R., Vipinlal, V., Sha, M. A., Jineesh, P., Shibli, S. M. A. 2019, *International Biodeterioration & Biodegradation*, 137, pp. 59-67 (ISSN: 0964-8305; Publisher: Elsevier; IF = 3.824)
- Unfolding the anticorrosive characteristics of TiO<sub>2</sub>-WO<sub>3</sub> mixed oxide reinforced polyaniline composite coated mild steel in alkaline environment. Krishnan, A., Joseph, B., Bhaskar, K. M., Suma, M. S., & Shibli, S. M. A. 2019, *Polymer Composites*, 40(6), 2400-2409. (ISSN:1548-0569; Publisher: Wiley; IF = 2.268)
- Development of Nano-tetragonal Zirconia-Incorporated Ni-P Coatings for High Corrosion Resistance. Shibli, S. M. A., Chinchu, K. S., & Sha, M. A. 2019, *Acta Metallurgica Sinica*

- (English Letters), 32(4), 481-494. (ISSN:1006-7191; Publisher: Springer; IF = 1.828)
- Development of a novel method of NiCoP alloy coating for electrocatalytic hydrogen evolution reaction in alkaline media. Sumi, V. S., Sha, M. A., Arunima, S. R., & Shibli, S. M. A. 2019, *Electrochimica Acta*, 303, 67-77. (ISSN:0013-4686; Publisher: Elsevier; IF = 5.383)
  - Anti-corrosion and microstructural properties of Ni-W alloy coatings: effect of 3, 4- Dihydroxybenzaldehyde. Kumar, U. P., Shanmugan, S., Kennady, C. J., & Shibli, S.M.A. 2019, *Heliyon*, 5(3), e01288. (ISSN:2405-8440; Publisher: Elsevier; IF = 1.65)
  - Assessment of the role of  $\alpha$ - and  $\beta$ -phases in  $ZrO_2$ - $Al_2O_3$  composite based hot dip zinc galvanized coating by layer wise tuning. Riyas, A. H., & Shibli, S. M. A. 2019, *Applied Surface Science*, 481, 972-986. (ISSN:0169-4332; Publisher: Elsevier; IF = 5.155)
  - Exploration and Evaluation of Proton Sources Assisted Photocatalyst for Hydrogen Generation. Bhagya, T. C., Krishnan, A., Rajan, A., Ameen Sha, M., Sreelekshmy, B. R., Jineesh, P., Shibli, S. M. A. 2019, *Photochemical & Photobiological Sciences*, 18, 1716 – 1726. (ISSN:1474-9092; Publisher: Royal Society of Chemistry; IF = 2.408)
  - Synergistic action of *Bacillus subtilis*, *Escherichia coli* and *Shewanella putrefaciens* along with *Pseudomonas putida* on inhibiting mild steel against oxygen corrosion. Suma, M. S., Basheer, R., Sreelekshmy, B. R., Riyas, A. H., Bhagya, T. C., Sha, M. A., & Shibli, S.M.A. 2019, *Applied microbiology and biotechnology*, 103, 5891-5905. (ISSN: 2191-0855; Publisher: Springer; IF = 3.670)
  - Exploration of Mo incorporated  $TiO_2$  composite for sustained biocorrosion control on zinc coating Deepa, M. J., Arunima, S. R., Riswana, G., Riyas, A. H., Sha, M. A., Suneesh, C.V., & Shibli, S. M. A. 2019, *Applied Surface Science*, 494, 361-376. (ISSN:0169-4332; Publisher: Elsevier; IF = 5.155)
  - Tuning of electron transfer by Ni-P decoration on  $CeO_2$ - $TiO_2$  heterojunction for enhancement in photocatalytic hydrogen generation Sha, M. A., Meenu, P. C., Sumi, V.S., Bhagya, T. C., Sreelekshmy, B. R., & Shibli, S. M. A., 2020, *Materials Science in Semiconductor Processing*, 105, 104742. (ISSN:1369-8001; Publisher: Elsevier; IF = 2.722)
  - Krishnan, A., Bhagya, T. C., & Shibli, S.M.A., synthesis of a versatile Ti/Ti-W@PANI nanocomposite for sustainable hydrogen production under solar irradiation. 2019, *Applied Surface Science*, 145093 (In press, <https://doi.org/10.1016/j.apsusc.2019.145093>). (ISSN:0169-4332; Publisher: Elsevier; IF = 5.155)
  - Effect of rGO on  $Fe_2O_3$ - $TiO_2$  composite incorporated NiP coating for boosting hydrogen evolution reaction in alkaline solution. Sumi, V. S., Meera, M. S., Sha, M. A., & Shibli, S. M. A., 2019, *International Journal of Hydrogen Energy* (In press, <https://doi.org/10.1016/j.ijhydene.2019.11.167>). (ISSN:0360-3199; Publisher: Elsevier; IF = 4.084)
  - Anjali Devi J.S., Aparna R.S., Aswathy B., Nebu John., Aswathy A.O., and Sony George. "Understanding the Citric Acid-Urea Co-Directed Microwave Assisted Synthesis and Ferric Ion Modulation of Fluorescent Nitrogen Doped Carbon Dots: A Turn On Assay for Ascorbic Acid." *Chemistry Select* (Wiley) 4, no. 3 (January 23, 2019): 816–24. <https://doi.org/10.1002/slct.201803726>.
  - "Potassium Triiodide-Quenched Gold Nanocluster as a Fluorescent Turn-on Probe for Sensing Cysteine/Homocysteine in Human Serum." Nebu John, Anjali Devi J.S., Aparna R.S., Aswathy B., Lekha G.M., and Sony George *Analytical and Bioanalytical Chemistry* (Springer Nature) 411, no. 5 (February 2019): 997–1007. <https://doi.org/10.1007/s00216-018-1511-y>.
  - Abha, K., Nebu John, Anjali Devi J.S., Aparna R.S., Anjana R.R., Aswathy A.O., and Sony George. "Photoluminescence Sensing of Bilirubin in Human Serum Using L-Cysteine Tailored Manganese Doped Zinc Sulphide Quantum Dots." *Sensors and Actuators B: Chemical* (Elsevier) 282 (March 2019): 300–308. <https://doi.org/10.1016/j.snb.2018.11.063>.
  - Aparna, R. S., Anjali Devi J.S., Anjana R.R., Nebu John, and Sony George. "Reversible Fluorescence Modulation of BSA Stabilised Copper Nanoclusters for the Selective Detection of Protamine and Heparin." *Analyst* (RSC) 144, no. 5 (07 March 2019): 1799–1808. <https://doi.org/10.1039/C8AN01703D>.
  - "Potassium Triiodide Enhanced Turn-off Sensing of Tyrosine in Carbon Dot Platform." Nebu John, Anu K. Soman, J.S., Anjali Devi, Aparna R.S., Aswathy A.O., Lekha G.M., and Sony George. *Microchemical Journal* (Elsevier) 146 (May 2019): 12–19. <https://doi.org/10.1016/j.microc.2018.12.021>.
  - Aparna, R.S., Anjali Devi J.S., Nebu John, Syamchand S.S., and Sony George. "Rapid Response of Dopamine towards Insitu Synthesised Copper Nanocluster in Presence of  $H_2O_2$ ." *Journal of Photochemistry and Photobiology A: Chemistry* (Elsevier) 379 (June 15, 2019): 63–71. <https://doi.org/10.1016/j.jphotochem.2019.04.043>.
  - Aparna, R.S., Anjali Devi J.S., Anjana R.R., Nebu John, and Sony George. "Zn(II) Ion Modulated Red Emitting Copper Nanocluster Probe for the Fluorescence Turn on Sensing of RDX." *Sensors and Actuators B: Chemical* (Elsevier) 291 (July 15, 2019): 298–305. <https://doi.org/10.1016/j.snb.2019.04.051>.
  - Anjali Devi J. S., R. S. Aparna, Anjana R. R., Nebu John, Anju S. Madanan, and Sony George. "Solvent Effects: A Signature of J- and H-Aggregate of Carbon Nanodots in Polar Solvents." *The Journal of Physical Chemistry A* (ACS) 123, no. 34 (August 29, 2019): 7420–29. <https://doi.org/10.1021/acs.jpca.9b04568>.

- Anjali Devi, J. S., Aparna R.S., Anjana R.R., Vijila N.S., Jayakrishna J., and Sony George. "Amplified Luminescence Quenching Effect Upon Binding of Nitrogen Doped Carbon Nanodots to Transition Metal Ions." *Photochemical & Photobiological Sciences* (RSC), (Just accepted on December 24, 2019) <https://doi.org/10.1039/C9PP00420C>.
  - Surya Philip; Jayasree E. G.; K. Mohanan. "Antidiabetic, antioxidant, DFT and molecular docking studies of a triazine derivative and its transition metal complexes" *Research on Chemical Intermediates*, July 2019. 10.1007/s11164-019-03936-8 (IF: 2.064)
  - Balachandran, A. L.; Athira, C. S.; Deepthi, A.; Jayasree E.G. "A convenient synthesis of 2,5-diaroyl-4-hydroxy cyclopent-2-enones incorporating aromatic and heteroaromatic moieties" *Synthetic Communications* 2019, <https://doi.org/10.1080/00397911.2019.1670851> (IF: 1.439)
  - Jayasree, E. G.; Sreedevi, S. "A DFT Study on Protic Solvent Assisted Tautomerization of Heterocyclic Thiocarbonyls" *Chemical Physics*, 2019 accepted (IF: 1.822).
  - Saumya Krishnan and Suneesh, C. V., Fluorene – Triazine conjugated porous organic polymer framework for superamplified sensing of nitroaromatic explosives, *Journal of Photochemistry & Photobiology A: Chemistry*, 2019, 371, 414–422 (IF = 3.261)
  - Aswathy L. B, Ani Deepthi, Suneesh C.V., *Luminescence*, 2019 Tetrasubstituted cyclopentenone based fluorescent chemosensors for the selective detection of Fe<sup>3+</sup> and Cu<sup>2+</sup> ions, <https://doi.org/10.1002/bio.3695> (IF = 1.691).
  - Vidya, S.; Priya K., Jayasree, D. V.; Ani Deepthi and Biju, P. G. "Synthesis of heterocycle appended spiro(oxindole-3,2'-pyrrolidine) derivatives from heterocyclic ylidenes and azomethine ylide through 1,3-dipolar cycloaddition reactions" *Synthetic Communications* 2019, 49, 1592-1602. (IF: 1.377) (Taylor and Francis)
  - Ani Deepthi, Beneesh P. B and Aswathy L. B. "Synthesis of Furans – Recent Advances" *Organic Preparations and Procedures International* 2019, 51, 409-442. (IF: 1.520) (Taylor and Francis)
  - Vidya Sathi, Noble V. Thomas and Ani Deepthi, "An Unprecedented Synthesis of 3,3-Disubstituted Isochroman-1,4-Diones Using Nitrones as Oxygen Atom Donors" *Journal of Heterocyclic Chemistry* 2019, 56, 2333-2340. (IF: 1.241) (Wiley)
  - Ani Deepthi, Noble V. Thomas and Vidya Sathi. "Green Protocols for the Synthesis of 3,3'-spirooxindoles – 2016- mid 2019" *Current Green Chemistry* 2019, 6 (3), 198-213. Impact factor not yet assigned, (Bentham Science)
- 2. Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.**

    - Zn Wetted CeO<sub>2</sub> Based Composite Galvanization: An Effective Route to Combat Biofouling Sreelekshmy, B. R., Vijayan, A., Basheer, R., Arunima, S. R., Ameen Sha, M., Riyas, A.H., Bhagya, T. C., Manu, M. N., Shibli, S. M. A. 2019, *ACS Applied Bio Materials* [doi.org/10.1021/acsabm.9b00404](https://doi.org/10.1021/acsabm.9b00404). (ISSN:2576-6422; Publisher: American Chemical Society; IF = Yet to be awarded, New Journal)
  - 3. Details of papers published by the faculty members of the department as chapters in books with details such as title of the paper, title of the book, editors, publisher, etc.**

    - {Colloidal magnetic metal oxide nanocrystals and their applications
    - G.M. Lekha and Sony George, Pages 289-335, *Colloidal Metal Oxide Nanoparticles*
    - Synthesis, Characterization and Applications ISBN :978-0-12-813357 <https://doi.org/10.1016/C2016-0-03725-7>
  - 4. Details of papers/ abstracts published by the faculty members of the department in conference proceedings with ISBN, month/ year, indexing details if any etc.**

    - Shainy F, Anirudhan T.S., Facile fabrication of polypyrrole/carboxyl functionalized graphene oxide/ titanium dioxide composites for the effective degradation of rhodamine B from aqueous solutions, 17<sup>th</sup> Prof. K V Thomas Endowment Seminar & Second International Symposium on New Trends in Applied Chemistry (NTAC- 2019) held on 14-15 January 2019 at Crown Plaza, Kochi. (Poster Presentation)
    - Chithra Sekhar V, Anirudhan T S, Design and Evaluation of structural and in-vitro characterization of chitosan functionalized layered double hydroxide nanocomposite: A versatile nano-composite for dual responsive anti-cancer drug delivery at 31<sup>th</sup> Kerala Science Congress organized by the Kerala State Council for Science Technology and Environment and Jawaharlal Nehru Tropical Botanical Garden and Research Institute on February 2 – 3, 2019 at Fatima Mata National College, Kollam. (Poster Presentation)
    - Shainy F, Anirudhan T S, Synthesis and characterization of nano hydroxyl apatite decorated carboxyl functionalized graphene oxide/titanium dioxide composites for the effective degradation of Chlorpyrifos from aqueous solutions at 31<sup>th</sup> Kerala Science Congress organized by the Kerala State Council for Science Technology and Environment and Jawaharlal Nehru Tropical Botanical Garden and Research Institute on February 2 –3, 2019 at Fatima Mata National College, Kollam. (Oral Presentation)
    - Athira V S, Anirudhan T S, Molecularly Imprinted Conducting Polymer for Electrochemical Sensing of Chlorpyrifos at 31<sup>th</sup> Kerala Science Congress organized by the Kerala State Council for Science Technology and Environment and Jawaharlal Nehru Tropical Botanical Garden and Research Institute on February 2 – 3, 2019

- at Fatima Mata National College, Kollam. (Oral Presentation)
- Anirudhan T S, Athira V S, MWCNT based gold cross-linked molecularly imprinted Conducting polymers composite for the electrochemical sensing of Enrofloxacin, National Seminar on Advanced Functional Materials for Analytical, Energy, Environmental and Biomedical Applications (NSAFM 2019) sponsored by University of Kerala, Organized by Department of Chemistry, University of Kerala, Kariavattom on 25-27 March 2019. (Oral Presentation)
  - Anirudhan T S, Chithra Sekhar V, Layer by Layer Assembly of dual stimulairresponsive dextran/nanocellulose polyelectrolyte complexes for chemophothermal cancer therapy, National Seminar on Advanced Functional Materials for Analytical, Energy, Environmental and Biomedical Applications (NSAFM 2019) sponsored by University of Kerala, Organized by Department of Chemistry, University of Kerala, Kariavattom on 25-27 March 2019. (Poster Presentation)
  - Athira Mani, T. S. Anirudhan, Molecularly Imprinted Electrochemical Sensing Platform for 2-Aminoadipic Acid, A Biomarker for Diabetes, Advances in earth and environmental changes (AEES-2019), Organized by school of earth system sciences, University of kerala, 20 september 2019. (Oral Presentation)
  - Resmi K., T. S. Anirudhan Preparation and Charecterisation of Molecularly Imprinted Polymer for Epinephrine: Neurotransmitter, Advances in earth and environmental changes (AEES-2019), Organized by school of earth system sciences, University of kerala, 20 september 2019 (Oral Presentation)
  - Athira Mani, T. S. Anirudhan, Molecularly Imprinted Electrochemical Sensing Platform for 2-Aminoadipic Acid, A Diabetic Biomarker, "Recent Biochemical approaches in Therapeutics (RBAT VI), Organized by department of biochemistry, University of kerala, 11 december 2019. (Oral Presentation)
  - Rajimon K. J., T. S. Anirudhan, Synthesis and Charecterisation of a novel drug carrier based on graphene oxide for the controlled end targeted delivery of anticancer drug. "International Seminar on LIFE SCIENCES FOR SUSTAINABLE DEVELOPMENT: ISSUES AND CHALLENGES, Department of Botany, University college, Thiruvananthapuram, October 3-5, 2019. (Oral Presentation)
  - Rajimon K. J., T. S. Anirudhan, Synthesis and Charecterisation of a novel drug carrier based on graphene oxide for the controlled end targeted delivery of anticancer drug. ONEDAY SEMINAR Twinning Ozone with Life OZONE DAY CELEBRATIONS 2019, Organised by the Department of education, University of Kerala in Collaboration with KSCST, 8 september 2019. (Oral Presentation)
  - Bhagya T. C., Arunima Rajan S., Shibli, S. M. A., 'In Situ Tuning of Band Gap of Sn Doped Composite for Sustained Photocatalytic Hydrogen Generation under Visible Light Irradiation', ICNAN 2019, 2<sup>nd</sup> International Conference on Nanoscience and Technology, Organized by Centre for Nanotechnology Research, Vellore Institute of Technology, Vellore, 29<sup>th</sup> – 1<sup>st</sup> December 2019. (Oral presentation)
  - Riyas, A. H., Arunima, S. R., Sreelekshmi, B. R., Deepa, M. J., Bhagya, T. C., Shibli, S. M. A., 'Layer Wise Identification and the Role of Mixed □-and □-Phases in ZrO<sub>2</sub>– Al<sub>2</sub>O<sub>3</sub> Composite Based Hot Dip Zinc Coating for Corrosion Prevention', CORCON 2019, International Conference Organized by NACE INTERNATIONAL Gateway India Section, Mumbai, India, 23-26 September 2019. (Oral presentation)
  - S. R. Arunima, S. M. A. Shibli, "SKP-based surface survey of electrogalvanic active sites" NSAFM-2019, Department of chemistry, Unversity of Kerala, Kariavattom, (Oral presentation), (National).
  - S. R. Arunima, S. M. A. Shibli, "A sustainable bio passivation method for protection of mild steel by *Pseudomonas putida* biofilm" GACS-2019, PG Department of Chemistry, St. Gregorios College, Kottarakkara, Oral presentation, (National).
  - S. R. Arunima, S. M. A. Shibli, "Development and exploration of composite incorporated galvanic zinc coating with improved hydrophobicity" iCEE-2K19, TKM College of Arts and Science, Kollam, poster presentation, (International).
  - J. S. Anjali Devi, R. S. Aparna, B. Aswathy, John Nebu, A. O. Aswathy, and Sony George "Understanding the Citric Acid–Urea Co–Directed Microwave Assisted Synthesis and Ferric Ion Modulation of Fluorescent Nitrogen Doped Carbon Dots: A Turn On Assay for Ascorbic Acid", State level seminar conducted at Fatima Mata National College, Kollam in association with the Academy of Chemistry Teachers (ACT) on 16<sup>th</sup> January, 2019. (Paper presentation)
  - J. S. Anjali Devi, R. S. Aparna, Nebu John, Anju S Madanan, Jayakrishna J, Sony George "Amplified Luminescence Quenching of Nitrogen Doped Carbon Dots", National Seminar on Advanced Functional Materials for Analytical, Energy, Environment and Biomedical Applications, (NSAFM 2019) Organised by Department of Chemistry, University of Kerala, from 25-27 March 2019. (Poster presentation)
  - J. S. Anjali Devi, Sony George "Investigation on Photoluminescence Behaviour of Carbon Dots and Gold nanoclusters for Sensing and Imaging Application", DST-INSPIRE Fellowship Review Meeting Organised by Gandhi Institute of Technology and Management (GITAM) Deemed to be University, Bengaluru campus, held during 13<sup>th</sup>-15<sup>th</sup> June 2019. (Thesis presentation, Poster)
  - Jayakrishna, J, Anjali Devi J. S, Anju. S. Madanan, Aswathy A.O, Vijila N.S, Sony George, Non-

- Enzymatic Sensing of Propofol Using Fluorescent Nitrogen-Doped Carbon dots, SANCAM-2019, *International Seminar on Supra and Nano Chemistry of Bio Active Molecules 2019* co-sponsored by the KSCTE organized by Department of chemistry, Christian college Kattakada, Thiruvananthapuram on 19-20 August 2019. (Best Oral Presentation)
- Chinthu Sukumar, Jayasree E.G., "A DFT Study on Reducing Properties of Disulfide Incorporated Bicyclic Hydrocarbons" in International Seminar on Recent Research and Developments in Material Science (RRDMS-2019) organized by Dept. of Chemistry, AllSaints' College, Thiruvananthapuram, Kerala, Nov 15<sup>th</sup> 2019. (Oral Presentation)
  - M. Aswathy, E.G. Jayasree, "Computational Study on the Atom-Economic Vinyl telluride Formation via Alkyne Hydrotelluration Reaction Using Benchmarked ECP for Te" in International Seminar on Recent Research and Developments in Material Science (RRDMS-2019) organized by Dept. of Chemistry, AllSaints' College, Thiruvananthapuram, Kerala, Nov 15<sup>th</sup> 2019. (Oral Presentation)
  - Chinthu Sukumar, Jayasree E.G., "A Theoretical Insight into the Reducing Properties of Dithia Bicyclic Hydrocarbons" in International Conference on Energy and Environment (ICEE-2K19) organized by TKM College of Arts & Science, Kollam, Kerala, Dec 12-14, 2019. (Oral Presentation).
  - E.G. Jayasree, S. Reshma, "A DFT Study Unleashing the Mechanism of Alkyne Hydrochalcogenation Reaction Catalyzed by NHC Coordinated Iron Complexes" in International Conference on Energy and Environment (ICEE-2K19) organized by TKM College of Arts & Science, Kollam, Kerala, Dec 12-14, 2019. (Oral Presentation)
  - Chinthu, S. & Jayasree, E.G., "A DFT study on the structure, stability and binding ability of aggregates of lithium enethiolates" in International Conference on Advanced Chemical and Structural Biology organized by PRIST university, Thanjavur, February 19-21, 2019 (Poster Presentations)
  - Chinthu Sukumar & Jayasree E.G., "A Theoretical Insight Into The Reducing Properties Of Disulfide Incorporated Cyclophanes" in International Conference on Materials for the Millennium-MATCON 2019, CUSAT, Kochi, 14<sup>th</sup> -16<sup>th</sup> March 2019. (Poster Presentations)
  - E.G. Jayasree, S. Soorya, S. N. Akhil, "A DFT study on the structure, stability and binding ability of aggregates of lithium enethiolates" in International Conference on Advanced Chemical and Structural Biology organized by PRIST university, Thanjavur, February 19-21, 2019 (Poster Presentations)
  - E.G. Jayasree, S. Soorya, S. N. Akhil, "A DFT study on the structure, stability and binding ability of aggregates of lithium enethiolates" in National seminar on Advanced Functional Materials for Analytical, Energy, Environmental and Biomedical Applications, NSAFM 2019 organized by Department of Chemistry, University of Kerala, March 25-27, 2019. (Poster Presentations)
  - E.G. Jayasree, S. Reshma "A DFT Study Exploring the Mechanism and Selectivity of Fe(CO)<sub>4</sub> Catalyzed Alkyne Hydrochalcogenation Reaction" in National Seminar on Advanced Functional Materials in Analytical, Energy, Environmental and Biomedical applications, NSAFM-2019 organized by Department of Chemistry, University of Kerala, Kariyavattom during March 25-27, 2019. (Poster Presentations)
  - M. Aswathy, E.G. Jayasree, "A DFT Study on alkyne hydrotelluration: Markovnikov and anti-Markovnikov Additions" in National Seminar on Advanced Functional Materials in Analytical, Energy, Environmental and Biomedical applications, NSAFM-2019 organized by Department of Chemistry, University of Kerala, Kariyavattom during March 25-27, 2019. (Poster Presentations)
  - K. S. Sumi, Deny Raju Princy, C. V. Suneesh\*, Distinct Aggregation Induced Emission Characteristics of Fluorinated DSA Derivatives for Multicolour OLED Device Technologies., National Conference on Recent Trends in Material Science and Technology (NCMST-2019), IIST, Thiruvananthapuram, 2019, December 18-19. (Best Poster Presentation award).
  - Saumya Krishnan, Suneesh C. V\*., Post – Synthetic Modification of Fluorenone Based Microporous Porous Organic Polymers for Carbon Dioxide Capture. International Conference on Energy and Environment (ICEE 2019), TKM college of Arts and Science, Kollam, 2019, December 12-14. (Oral presentation).
  - K. S. Sumi, Deny Raju Princy, C. V. Suneesh\*, The Development of a Reversible Mechanoluminescent DSA Derivative with Tunable AIE Characteristics., International Seminar on Recent Research and Developments in Material Science (RRDMS-2019), All Saints' Collge, Thiruvananthapuram, 2019, November 15. (Best Oral Presentation award).
  - M. R. Lekshmi, C. V. Suneesh\*, Novel AIE and TADF Emitters Based on Carbazole and Phenothiazine Conjugated Phthaloyl Derivatives, International Seminar on Recent Research and Developments in Material Science (RRDMS-2019), All Saints' Collge Thiruvananthapuram, 2019, November 15. (Best Poster Presentation).
  - K. S. Sumi, Chandran Amoolya, C. V. Suneesh\* Design, Synthesis and Photophysical Studies of AIE Active Tetraphenylethene Based Luminogens for OLED Device Applications., International Conference on Photochemistry and Sustainable Energy (ICPSE-2019), St. Michael's College, Cherthala, 2019, October 16-19, (Oral Presentation).
  - Athira Sreekumar, C. V. Suneesh\*, Environment-Friendly Solid State Emitters with Aggregation Induced Emission Properties for OLED and Biological Applications, National Seminar on ADVANCES IN EARTH AND ENVIRONMENTAL CHANGES (AEES-2019), School of Earth System Sciences, University of Kerala, 2019, September 20, (Oral Presentation).

- K. S. Sumi, B. Deepu, C. V. Suneesh\*, Design, Synthesis and Photophysical Studies of Fluorinated Luminogens with Aggregation Induced Emission Properties., International Seminar on Supra And Nano Chemistry of Bio Active Molecules (SANCBAM-2019), Christian College, Kattakkada, 2019, August 19-20. (Oral Presentation).
  - Saumya Krishnan, Suneesh C. V.\*, Post-Synthetic Modification Of Ketone Based Aromatic Microporous Organic Framework For Carbon Dioxide Capture, 31st Science congress, Fathima Matha College, Kollam, 2019, January 27-28, (Poster presentation).
  - Aswathy L.B and Ani Deepthi presented a paper on, "Chemosensors based on 4-hydroxycyclopent-2-enones for the selective detection of Fe<sup>3+</sup> and Cu<sup>2+</sup> by fluorescent turn-off and turn-on property" International conference on Photochemistry and Sustainable Energy (ICPSE-2019), 17-19 October, St. Michael's College, Cherthala.
  - Aswathy L.B and Ani Deepthi presented a paper on, "Small molecule fluorophores for the selective detection of Fe<sup>3+</sup> and Cu<sup>2+</sup>" International conference on MATCON 2019, 14-16 March, CUSAT
  - Vidya S and Ani Deepthi presented a paper on "Nitrene as an oxygen atom donor in the synthesis of isochroman-1,4-diones and their applications" at a National Seminar, NSAFM 2019, 25-27 March 2019 University of Kerala.
  - Vidya S and Ani Deepthi presented a paper on "Synthesis of spirooxetenes from thieno[2,3-b]indole-2,3-dione and its cycloaddition to azomethine ylide" at International Seminar, SANCBAM-2019, Christian College Kattakada, Tvm
  - Deepa Krishnan and Ani Deepthi presented a paper on "Synthesis of thiophene and quinoline appended ursolic acid derivatives-potential COX-2 inhibitors" at International Seminar, SANCBAM-2019, Christian College Kattakada, Tvm
  - Noble V Thomas and Ani Deepthi presented a poster on "Reaction of thieno[2,3-b]indole-2,3-dione with chalcone and isatilidene" at International conference on MATCON 2019, 14-16 March, CUSAT.
  - Vidya S and Ani Deepthi presented a poster on "Synthesis of novel isochromans-promising molecules to show plant growth regulating properties" at 31st Kerala science congress, 2-3 February 2019 at Fatima Mata National College, Kollam
5. **Details of articles published by the faculty members of the department in scholarly magazines, bulletins or news papers.**
    - Dr. Jayasree E.G. Published an invited popular article on 'Aavarthanappattikayude charithravazhikal' in Sasthrakeralam, Page no: 13-16, June, 2019
    - Dr. Ani Deepthi Published an article in Sasthrakeralam magazine (Kerala Sastra Sahitya Parishad) on "Adhunika aavarthana pattika"
  6. **No. of PhD theses awarded - 6**
  7. **No. of PhD theses submitted- 9**
  8. **No. of M. Phil dissertations awarded- 8**
  9. **Placement details of students.**
    - Sri. Prakash R. Research Scholar joined as High School Assistant (Chemistry) in Kerala Education Department
    - Dr. Anoop S. Nair joined as Assistant Professor in NSS College, Palakad.
    - Dr. Deepa J.R. Joined as Assistant Professor in SN College, Kollam
    - Smt. Surya Philip joined as Assistant Professor in Mar Thoma college Tiruvalla
    - Dr. Krishnapriya K.G. joined as UP School Assistant in Kerala Education Department.
  10. **Details of Library books/ journals**

Sl. No	Details	
1.	Whether the library is automated	Yes
2.	No. of books in stock as on Jan 1,2019	5054
3.	No. of books added this year	250
4.	No. of offline journal subscribed	9
5.	No. of online journals subscribed	Nil
6.	No. of online books available	Nil
7.	Amount spend for purchase of books	639692(State plan 492652/- Non plan 147040/- 2018-2019 Financial year)

11. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/ workshop	No. of participants (Show foreign and outside state participants separately)
1.	National Seminar on Advanced Functional Materials for Analytical, Environmental and Biomedical Applications, NSAFM-2019	National	University of Kerala	25/03/2019-27/03/2019,	100

2.	National Workshop On Magnetic Resonance and Imaging ( Workshop)	National	University of Kerala	25/02/2019-28/02/2019	Total participants: 87 Foregin participants: NIL Outside state: 2
3.	National workshop on Radiochemistry and Applications of Radio isotopes ( 100 <sup>th</sup> BRNS-DAE-IANCAS workshop)	National	University of Kerala & IANCAS, c/o BARC Mumbai	09/12/2019- 14/12/2019	Total participants: 95 Foregin participants: NIL Outside state: NIL

## 12. Details of consultancy work active during the year.

### Academic consultancy:

Academic Consultancy conducted in Computational Chemistry lab: (Dr. Jayasree E.G.)

1. "Computational study on hydrogen bonding interaction in 3, 6-dihydroxy benzene methyl tetra carboxylate using DFT method" by Anjana S. Sankar, B.A.M College Thuruthicad.
2. "Stability of Hg coordinated Mangostin derivatives" Deepthy Maria K. David, St. Mary's College, Thrissur
3. "Bonding analysis of Lithium Enethiolate Aggregates based on AIM and NBO approaches", Gibu George, Sacred Heart College, Thevara.
4. "A theoretical study on direct and solvent assisted thione-thiol tautomerism in thiosemicarbazone" Gouri V. Nair, Bishop Moore College, Mavelikkara
5. "A Comprehensive study on intramolecular hydrogen bonding interactions in Trans-3, 6-dihydroxy benzene methyl tetra carboxylate using DFT method" by Sreeranjini K.S., B.A.M College Thuruthicad.
6. "Computational Investigation on the Dimerization of Organoselenium Heterocyclic Intermediates", Avanthika S., Central University of Tamil Nadu.

### List of students who done their project work in the lab of Dr Ani Deepthi from outside campus

1. Ms Athulya A. S from S.N College, Varkala did her MSc project during the period April-July 2019

on the topic "Synthesis of thieno[2,3-b]indole derivatives"

2. Ms. Nivedya C. V from S.N College, Varkala did her MSc project during the period April-July 2019 on the topic "Synthesis of thiophene appended ursolic acid derivative – potential COX-2 inhibitor"
3. Ms. Husna K. A from St. Mary's college, Thrissur did her MSc project during the period April-May 2019 on the topic "A new method for synthesis of thiopyran".
4. Ms. Amrutha D. M from St. Mary's college, Thrissur did her MSc project during the period April-May 2019 on the topic "Reaction of thieno[2,3-b]indole-2,3-dione with ethyl propiolate".
5. Mr Chandrendu K. C from St. Thomas college, Kozhenchery did her MSc project during the period April-May 2019 on the topic "Reaction of thieno[2,3-b]indole-2,3-dione with phenyl acetylene and ethyl phenylpropiolate"
6. Ms Megha from TKM College, Kollam did her MSc project during the period March-June 2019 on the topic Excited state intramolecular proton transfer (ESIPT) studies of 3,6-dihydroxy benzene-1,2,4,5,-tetracarboxylic acid tetraethyl ester
7. Five 3rd year BSc students from Fatima College, Kollam did their BSc project on the topic "Green synthesis of Chalcones and imines" on the month of November 2019 in our lab.

### 13. Major equipments purchased during the year.

Sl. No	Name of the equipment	Cost	Source of fund	Purpose/ use
1.	Simultaneous Fluorescence Absorption spectrometer	21 Lakhs	Kerala govt. plan fund	Research grade instrument to measure absorption and emission of materials

## 14. Details of community outreach programmes (Please give a brief description)

1. Conducted 'Periodix'-National level quiz competition on periodic table for B.Sc. students on 01-03-2019.
2. **RASATHANTHRA 2019:** A national level quiz competition for under graduate and post graduate students in basic science and engineering on hydrogen and other renewable energy resources for graduate and post graduate students, organized by Department of Chemistry, University of Kerala,

in association with, IAHEAM on December 7, 2019 at Department of Chemistry, S. N. College, Chempazhanthy, Thiruvananthapuram. (Convenor: S.M.A. Shibli)

3. **HEAM Parliamentarian 2019:** A school level debate competition to create awareness about Hydrogen Energy. The event was organized by Department of Chemistry, Innovation & Start up Club and Debate Club of St. John's College, Anchal, in association with IAHEAM and Department of Chemistry, University of Kerala

on October 16, 2019 at St. John's College, Anchal, Kollam. (Convenor: S.M.A. Shibli)

15. Steps taken to make the department differently abled friendly.

Ramp enabled in the department, Request for Lift

**17. Details of alumni association.**

Sl. No	Details	
1.	Name of the association	Kerala University Department of Chemistry Alumni Association (KUDoCAA)
2.	Registered or not	No
3.	No. of meetings held this year	5
4.	No. of members added this year	15
5.	Details of alumni contributions, including endowments, talks, donation etc	Department of Chemistry along with Kerala University Department of Chemistry Alumni Association (KUDoCAA) jointly organizes an Orientation courses for CSIR examination in Chemistry for the M.Sc. students of the Department of Chemistry and the selected 40 M.Sc. students from colleges affiliated to University of Kerala on Saturdays at the Department of Chemistry M.Sc. Class room. The classes will be Voluntarily conducted by Faculties of Department of Chemistry and Alumni's of Department of Chemistry.

**18. Details of eminent personalities visited in the department.**

Prof. Bern Kohler, Professor and Ohio eminent scholar, Department of chemistry and biochemistry, Ohio state University, USA

**19. Details of awards received by faculty/ staff/ students.**

1. Ameen Sha, M. won first prize in 'THREE MINUTE THESIS COMPETITION', organized by University of Kerala as part of the Science Week Celebrations 2019. (Guide: S.M.A. Shibli)

**20. Other major achievements and activities, including invited lectures, interactions, get together etc.**

- An Invited Talk in 'Designed Peptides for Structural and Functional Applications' on 21-02-2019 at Department of Chemistry, Kariavattom Campus by Dr. Ramesh Ramapanicker, Department of Chemistry, IIT Kanpur.
- An Invited Talk in 'Artificial Intelligence' on 22-02-2019 at Department of Chemistry, Kariavattom Campus by Krishnamohan, Machine Learning Engineer, Banjo Inc, Park City, Utah.
- An Invited Talk in 'Energy Storage Materials Challenges for E- mobility' on 05-03-2019 at Department of Chemistry, University of Kerala, Kariavattom Campus by Dr. Vijayamohan K Pillai, Former Director, CSIR- CECRI, Karaikudi.
- A tutorial class in 'Origin Software' for the Research, Scholars, M.Phil Students & MSc students of Department of Chemistry on 12.04.2019 by Anjana R.R. (Former Student)
- As a part of the 5<sup>th</sup> International Yoga Day celebrations of the University of Kerala, the Department of Chemistry organized a programme on 21<sup>st</sup> June 2019 at the Seminar hall, Department

facility was under process

16. Green initiatives/ waste management/ energy saving measures.

Following Green Protocol of University of Kerala

of Chemistry. Sri. Adarsh National Yoga Champion & Referee was the demonstrator.

- An Invited Talk in the Induction Program for newly admitted students of the M.Sc. on 28-06-2019 at Department of Chemistry, Kariavattom Campus by Dr. P. Sujatha Devi, Senior Principal Scientist, CSIR- NIIST, Thiruvananthapuram.
- An Invited Talk in the Induction Program for newly admitted students of the M.Sc. on 28-06-2019 at Department of Chemistry, Kariavattom Campus by A.V. Sathish, Scientific Officer, Kudankulam Nuclear Power Plant, Tamilnadu.
- An Invited Talk in 'Moving Beyond lithium – ion Energy storage systems using Materials Modeling' on 30-07-2019 at Department of Chemistry, University of Kerala, Kariavattom Campus by Dr. Rajeev Surendran Assary Scientist Argonne National Laboratory 9700 S. Cass Avenue, Lemont
- An Invited Talk in 'Publishing in RSC Journals' on 03-08-2019 at Department of Chemistry, University of Kerala, Kariavattom Campus by Ershad Abubacker Assistant Editorial Development, Manager Royal Society of Chemistry
- An Invited Talk in 'Preparing Scientific Manuscript' on 03-08-2019 at Department of Chemistry, University of Kerala, Kariavattom Campus by Dr. Mahesh Hariharan, Associate Editor, RSC Advances (Assistant Professor, School of Chemistry, IISER, Trivandrum)

**21. Important society chapters like IEEE, Aquatic association etc.**

**IAHEAM (Indian Association for Hydrogen Energy and Advanced Materials)** A premier professional registered society, aims to play a catalytic role in ushering advanced material for energy applications. (President: S.M.A. Shibli)



### C. CONTRIBUTION AT INDIVIDUAL LEVEL

#### Name of faculty: Dr. T.S. Anirudhan

22. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. - 7 nos.

23. No. of presentations in conferences/ seminars (indicate oral/ poster)

Oral Presentation- 8

Poster Presentation - 3

24. No. of Ph.D. theses awarded - 3

25. No. of Ph.D. thesis submitted- 3

26. No. of M.Phil. dissertations awarded- 3

27. No. of M.Phil. dissertations submitted- 3 (3 submitted and are awarded)

28. Involvement in academic bodies as dean, academic council/ board of studies member etc.

- Member, Board of Studies in Chemistry, University of Kerala, Trivandrum.

- Member/ Chairman, Board of Studies in Polymer Chemistry, University of Kerala, Trivandrum.

- Member, Board of Studies in Applied Chemistry, CUSAT, Kochi.

- Member, Board of Studies in Marine Chemistry, Kerala University of Fisheries and Ocean Studies, Kochi.

- Academic council member, Fathima Mata National College, Kollam.

- Member, Board of studies in chemistry, Fatima Mata National College, Kollam.

- Member, Board of Studies in Chemistry, Mar Ivanious College, Trivandrum.

29. Service as reviewer of journals/ seminar papers (give details)

- Reviewed 3 research papers of International Journal of Biological Macromolecules (Elsevier Publication)

- Reviewed 2 research paper of Carbohydrate Polymer (Elsevier Publication)

- Reviewed 2 research paper of Journal of Drug Delivery Science and Technology ( Elsevier Publication)

- Reviewed 1 research paper of Indian Journal of Chemistry, Sec A (CSIR-NISCAIR publication)

30. Public talks/ discussions over AIR/ television channels

Introduction of Credits and Semester System : PG and M.Phil Programmes of Kerala University Teaching and Research Departments – 2019 Admissions : Doordarshan television Channel Live telecast from Trivandrum.

#### Name of faculty: Dr. S.M. A. Shibli

6. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. 12 nos.

7. No. of papers published in other peer reviewed journals with ISSN etc. - 1 no.

- Oral Presentation- 4

- Poster Presentation- 1

8. No. of Ph.D. thesis submitted- 3

9. No. of M.Phil. dissertations awarded- 1

10. No. of M.Phil. dissertations submitted- 1 (1 submitted and is awarded)

11. Involvement in academic bodies as dean, academic council/ board of studies member etc.-

Chairman, Board of Studies (PG Chemistry)

12. Any other activities.

- Mentor, Wellspring Technologies, Pvt. Ltd. – A joint startup venture with University of Kerala

- Editor, Surface and Coatings Technology (Elsevier)

- President, Indian Association for Hydrogen Energy and advanced Materials

- Hon. Director, Centre for Renewable Energy and Materials

#### Name of faculty: Dr. Sony George

2. No. of papers published as chapters in books - 1

3. No. of papers/ abstracts published in conference proceedings with ISBN- 1

4. No. of presentations in conferences/ seminars (indicate oral/ poster)

Oral Presentation -2

Paper Presentation- 2

5. No. of Ph.D. theses awarded-2

6. No. of Ph.D. thesis submitted-2

7. No. of M.Phil. dissertations awarded-1

8. No. of M.Phil. dissertations submitted-1 (1 submitted and is awarded)

9. No. of foreign visits for academic purposes – 1 (International Symposium on Trends in Radiopharmaceuticals (ISTR-2019) at Vienna, Austria)

10. Involvement in academic bodies as dean, academic council/ board of studies member etc.

Member board of studies BSc. Chemistry

11. Service as reviewer of journals/ seminar papers (give details)

Reviewer in ACS, ELSEWEIR and RSC publications

12. Any other activities.-

1. (Oral) paper “Methods of integration of Cu 64 label luminescent copper nanoclusters for pre and intra operative imaging and therapy of pancreatic cancer” – presented in International Symposium on Trends in Radiopharmaceuticals (ISTR-2019)] at Vienna, Austria

#### Name of faculty: Dr. Jayasree E.G.

2. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.- 3

3. No. of presentations in conferences/ seminars (indicate oral/ poster)

Oral Presentation -3

Poster Presentation -6

4. No. of articles published in scholarly magazines, bulletins or news papers - 1
  5. No. of Ph.D. thesis submitted-1
  6. No. of M.Phil. dissertations awarded-1
  7. No. of M.Phil. dissertations submitted- 1 (1 submitted and is awarded)
  8. No. of workshops/FDPs/short term courses/conferences attended- 1
  9. Involvement in academic bodies as dean, academic council/ board of studies member etc.
    - Member, BoS, PG (Chemistry), University of Kerala;
    - Member, BoS, St. Joseph's College, Irinjalakuda
  10. Service as reviewer of journals/ seminar papers (give details)
 

Reviewer of articles from journals such as 'RSC advances', 'Surface and Coatings Technology' and 'Molecular Systems Design and Engineering'
  11. Served as Chair/ member of committees/ boards/ councils/ commissions etc.
    - Member, Chancellor Award Committee
    - Member, Chancellor's Trimonthly report committee
    - Member, NAAC uploading committee and Committee for Centres
    - Member, Interview Board, authorized by the Govt.
  12. Any other activities.
    - Delivered a 'keynote address' to 'Panchayat level Sasthrolsavam' conducted by 'Sasthra Sahithya Parishat' at Govt. U.P.School, Kariavattom on 28-09-2019.
    - On 'Fundamental aspects of Computational Quantum Chemistry' at the KSCSTE sponsored National Seminar on Current Trends in Organic and Computational Chemistry, CTROC 2019 organized by Dept of Chemistry, Morning Star Home Science College, Angamaly held during 14-15 Feb, 2019.
    - On 'Enethiolization Reactions and Capricious Structures of Enethiolates' at the National conference on Frontiers in Chemical Sciences-2019 organized by Dept. of Chemistry, University of Calicut during 19-21 March, 2019.
    - On 'Hartree-Fock and post Hartree-Fock methods' at the 3 day state level workshop on Molecular modeling using Gamess and Gaussian organized by PG and Research Dept of Chemistry, Govt. College, Madappally during 19-21 March 2019.
    - Delivered lectures on various topics of 'Computational Chemistry' in a Faculty Development Programme organized by the Department of Chemistry, Amrita School of Arts and Sciences, Amrita Vishwa Vidyapeetham, Amrityapuri on June 21 and 22, 2019
    - Attended Refresher program on 'Materials science conducted by HRDC, University of Kerala [33<sup>rd</sup> refresher course in material science from 21/11/2019 to 04/12/2019]
  - Taken a class on "Quantum mechanics" in the CSIR orientation course conducted by Dept. of Chemistry, University of Kerala on 24-08-2019.
  - Chairman, PG BQPS of various Universities.
- Name of faculty: Dr. Suneesh C.V.**
11. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. -3
  12. No. of presentations in conferences/ seminars (indicate oral/ poster)
 

Oral Presentation – 5  
Poster Presentation - 3
  13. No. of articles published in scholarly magazines, bulletins or news papers.- 1
  14. No. of Ph.D. theses awarded- 1
  15. No. of M.Phil. dissertations awarded- 1
  16. No. of M.Phil. dissertations submitted- 1 (1 submitted and is awarded)
  17. No. of workshops/FDPs/short term courses/conferences attended- 1
  18. Involvement in academic bodies as dean, academic council/ board of studies member etc.
 

Member, Board of studies in chemistry, S. B. College, Changanassery.
  19. Served as Chair/ member of committees/ boards/ councils/ commissions etc.
    - Member, Executive committee, CLIF, University of Kerala
    - Member, University Level Monitoring Committee for the execution of ASAP programme of Life skills for Transformative Learning, University of Kerala
  20. Any other activities.
    1. Co-ordinated a one week long short term course (for PG students, research scholars and faculties) on 'Photochemistry and its Applications in Biology and Nanosciences' in association with Govt. College for Women, Thiruvananthapuram, supported by Erudite scholar in residence programme by KSHEC (Resource person: Prof. Bern Kohler, Department of chemistry and biochemistry, Ohio state University, USA), November 25- 29, 2019.
    2. Convener, National Seminar on Advanced Functional Materials for Analytical, Environmental and Biomedical Applications, NSAFM-2019, organized by department of chemistry, University of Kerala, March 25-27, 2019, Trivandrum.
    3. Gave invited lecture on "Introduction to Thermal Analysis" in *National Workshop* on CHNS Analyzer and Simultaneous Thermal Analyzer, CLIF, University of Kerala, 2019, December 17-18.
    4. Gave plenary invited lecture on "Functional organic materials for light emitting and environmental remediation applications" in National Conference on Material Chemistry, St. Joseph's College Devagiri, Kozhikode, 2019, December 9-10.

5. Attended Workshop for college chemistry teachers and students organised by FCBS Trivandrum and JNCASR Bangalore, Trivandrum, October 31-November 2, 2019.

**Name of faculty: Dr. Ani Deepthi**

22. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.- 5
23. No. of papers published in other peer reviewed journals with ISSN etc.- 1
24. No. of presentations in conferences/ seminars (indicate oral/ poster)  
Oral Presentation- 4  
Poster Presentation - 3
25. No. of articles published in scholarly magazines, bulletins or news papers.- 1
26. No. of workshops/FDPs/short term courses/ conferences attended- 1
27. Involvement in academic bodies as dean, academic council/ board of studies member etc. Nominated as Board of Studies member Assumption College, Changanassery.
28. Service as reviewer of journals/ seminar papers (give details)
- Served as a reviewer for the Journal of Heterocyclic Chemistry (Wiley)
  - Served as reviewer for the journal "Luminescence" (Wiley)
  - Served as a reviewer for the journal "Mini Reviews in Organic Chemistry" (Bentham Science)
29. Served as Chair/ member of committees/ boards/ councils/ commissions etc.
- Served as subject expert for PG syllabus revision, CMS college, Kottayam.

- Served as member, Project Implementation Group (PIG), Purse Phase II, University of Kerala.
  - Served as Executive Committee member, CLIF (formerly SICC), University of Kerala.
30. Any other activities.
- Served as question paper setter and examiner for evaluating answer sheets for MG Calicut and Kannur Universities.
  - Served as examiner for MPhil viva-voce, MG University, Kottayam.
  - Participated in Resource Generation Camp for National Chemistry Olympiad conducted by HBCSE (TIFR) at Mumbai Sept 22-25, 2019 after getting invited
  - Initiated CONTECH (Concept Test in Chemistry) at UG level by gathering college teachers from various colleges in the state in the capacity of Local co-ordinator. Exam to be conducted on 31.01.2020
  - Invited Talk on "Transition metal catalyzed coupling reactions" in a Colloquium on Catalysis: Trends and Applications organized by SRIBS at MG University, Kottayam on 22nd February 2019.
  - Invited General Talk on "Chemistry Beckons" in the eve of Chemistry Association inauguration at Assumption College, Changanassery, August 6, 2019.
  - Invited Talk on "Organic Spectroscopy" for the MSc students of Fatima Mata National College, Kollam on 29th August 2019
  - Invited Talk on "Synthesis of small molecule Chemosensors – our recent findings", National Seminar, Holycross college, Nagercoil, October 4, 2019

## DEPARTMENT OF DEMOGRAPHY

Year of establishment : 1979

Faculty of Science

### A. DEPARTMENT PROFILE

#### 1. Teaching Staff

Sl. No	Name (in the order of seniority)	Gender (M/F/TG)	Qualifications (Highest two)	Designation
1	Dr. P. Mohanachandran Nair	M	Ph.D, M.Sc.	Professor and Head
2	Smt. K. Preethi	F	M.Sc.B.Sc.	Assistant Professor
3	Dr. S. Anil Chandran	M	Ph.D, M.Phil.	Assistant Professor
4	Dr. A. Anjana	F	Ph.D, M.Phil.	Lecturer (Contract)
5	Sri. V.S. Arun Kumar	M	M.Phil., M.Sc.	Lecturer (Contract)

#### 1a. Guest Faculty

Dr. P. S. Nair	M	Guest Faculty
Mr. Adithya Varma Thampan	M	Guest Faculty
Mr. Lakshmanan M.	M	Guest Faculty

2. **Administrative staff 5 nos. (5 F)**

3. **Programmes offered**

Name of programme	strength		Female	Trans-gender	SC	ST	Other reserved categories	Out-side state	Foreign	Pass %
	Sanctioned (Including marginal increase)	Actual								
Masters (Demography & Biostatistics)	18	16	12	Nil	1	Nil	11	Nil	Nil	100
Masters (Actuarial Science)	15	10	6	Nil	Nil	Nil	4	Nil	Nil	100
M.Phil (Demography & Biostatistics)	3	3	2	Nil	Nil	Nil	Nil	Nil	Nil	66
M.Phil (Actuarial Science)	1	1	1	Nil	Nil	Nil	Nil	Nil	Nil	100
Ph.D Demography	16	10	6	Nil	2	Nil	2	Nil	1	NA

B. COMMON ACTIVITIES

- Journals, if any, published by the Dept. with ISSN, No of issues/year, index details, if any  
JANASAMKHYA ISSN NO: 0971-698X. 2 issues per year
- Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.
- Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.
  - Mohanachandran Nair, Asha T Chacko :Inequalities in the availability of housing amenities in India in Janasamkhya Vol XXXV, 2017 published February 2019
  - Nisha ND, Mohanachandran Nair : Status and Empowerment among Married Women in Kerala in Janasamkhya Vol XXXV, 2017 published February 2019
  - Preethi K: Role of socio economic determinants in the empowerment of women in Kerala in the

International Journal of Economic and Business review Volume - 7, Issue- 10, October 2019, e-ISSN : 2347 - 9671 | p- ISSN : 2349 – 0187, SJIF Impact Factor(2019): 8.045, ISI Impact Factor(2019): 1.433

- Preethi K Multiple health risk behaviours among adolescent males in India International Journal of Research and Development (IJRD) Volume: 4 | Issue: 11 | November | 2019 ISSN: 2455-7838
- Details of articles published by the faculty members of the department in scholarly magazines, bulletins or news papers.
  - Article in Desabhimani by Dr. P. Mohanachandran Nair
  - Janasamkhya: Oru avalokanam in the Magazine published by Karuna Charitable Society, Vembayam by Dr. Anil Chandran
- No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any.)

Sl No	Project Title	Funding Agency	Amount	Period	Status	PI
1	A Study of Elderly Living in Old Age Homes and within Family Setup	State Plan – University of Kerala	500,000	2019-20	On-going	Dr. P. Mohanachandran Nair
2	Rates of Caesarean Deliveries in Kerala – Are they Alarming and Does it Call for Remedial Action?	State Plan – University of Kerala	500,000	2019-20	On-going	Dr. Anil Chandran S

10. No. of PhD theses submitted : 1
11. No. of M. Phil dissertations awarded : 3
12. No. of M. Phil dissertations submitted : 1
13. Placement details of students.

Sl No	Name of student	Name of course	Designation	Name of the company	Annual Pay
1	V. Rajeev	Ph.D.	Lecturer	Govt. Medical College, Parippally	300,000
2	G. Sandeep	Ph.D.	Research Associate	Kerala Institute of Local Administration, Thrissur	480,000
3	A. Seena	Ph.D.	Lecturer	TD Medical College, Alappuzha	400,000

14. Students who cleared GATE/NET/SET etc. 1 no. (UGC NET)

15. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	No
2.	No. of books in stock as on Jan 1,2019	7474
3.	No. of books added this year	29
4.	No. of offline journal subscribed	3
5.	No. of online journals subscribed	Nil
6.	No. of online books available	Nil
7.	Amount spend for purchase of books	Non- plan -Rs.204811/- Plan - Rs.31172/-

16. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1	National Seminar on Population Ageing in Kerala	National	University of Kerala	11 October 2019	80
2	International Conference on Population Nutrition and Development in conjunction with the 40th Annual Conference of Indian Association for the Study of Population (IASP)	International	ICSSR University of Kerala	12-14 December 2019	270

17. Details of community outreach programmes (Please give a brief description)

Students of 3<sup>rd</sup> Semester MSc Demography students undertook a survey in the Ulloor ward of Trivandrum Corporation, the results of which were handed over to the Hon. Councilor of Ulloor ward on July 11, 2019.

18. Steps taken to make the department differently abled friendly.

Wheel chair and ramp are available in the department to enable differently abled persons to enter the department

19. Green initiatives/ waste management/ energy saving measures.

Segregation of wastes is being done and separate bins are available to deposit plastic and non-plastic wastes.

20. Details of alumni association.

Sl. No	Details	
1.	Name of the association	Alumini Association of Department of Demography(AADD)
2.	Registered or not	Not Registered
3.	No. of meetings held this year	2
4.	No. of members added this year	14
5.	Details of alumni contributions, including endowments, talks, donation etc	Every year on World Population day (July,11)AADD has conducted a quiz competition for PG students and distribute Cash award and certificates for winners on that day AADD has gave P.Krishnan Endowment award for M.Sc.students. Every year AADD has conducted DEMOFEST and intercollegiate quiz competition and distribute cash prize.Every year AADD donated best Ph.D. thesis award.Alumini has got contribution from some Alumini members – Rs.4500/-and received Rs.3250/- as membership fee in 2019.

### C. CONTRIBUTION AT INDIVIDUAL LEVEL

#### Name of faculty: Dr. P. Mohanachandran Nair

7. No. of papers published in other peer reviewed journals with ISSN etc. 2 nos.
8. No. of presentations in conferences/ seminars (indicate oral/ poster) 1 Oral
9. No. of articles published in scholarly magazines, bulletins or news papers. 1
10. No. of PhD theses awarded 1
11. No. of PhD thesis submitted 1
12. No. of MPhil dissertations awarded 3
13. No. of MPhil dissertations submitted 3
14. No. of workshops/FDPs/short term courses/ conferences attended 4
15. Service as reviewer of journals/ seminar papers (give details)  
Reviewed the articles for the Journal Demography India.
16. Served as Chair/ member of committees/ boards/ councils/ commissions etc.  
Served as Chairman Board of Studies in Demography and Doctoral Committee
17. Activities in clubs, associations, NSS etc  
Vice President, Indian Association for the Study of Population (IASP)  
Member, Indian Association for Social Sciences and Health (IASSH)
18. Public talks/ discussions over AIR/ television channels  
Gave a talk in AIR in connection with World Population Day Act as a invited guest for the Dooradarsan Programme and participated in a discussion in the Amrita T. V.

#### Name of faculty: Dr. Anil Chandran S

21. No. of presentations in conferences/ seminars (indicate oral/ poster) 2 Oral

22. No. of articles published in scholarly magazines, bulletins or news papers. 1
23. No. of MPhil dissertations awarded 1
24. No. of MPhil dissertations submitted 1
25. No. of workshops/FDPs/short term courses/ conferences attended 3
26. Involvement in academic bodies as dean, academic council/ board of studies member etc.  
Member of Academic Council, Member Board of Studies in Demography,
27. Service as reviewer of journals/ seminar papers (give details)  
Reviewed the articles for the Journal Demography India.
28. Activities in clubs, associations, NSS etc  
Member of Board of Trustees, Indian Association for the Study of Population (IASP)  
Treasurer, Indian Association for Social Sciences and Health (IASSH), 2018-20

#### Name of faculty: Preethi K

29. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. 0
  30. No. of papers published in other peer reviewed journals with ISSN etc. - 2 nos.
  31. No. of presentations in conferences/ seminars (indicate oral/ poster) 2 Oral
  32. No. of articles published in scholarly magazines, bulletins or news papers. 1
  33. No. of workshops/FDPs/short term courses/ conferences attended 4
- Any other activities.  
MSc thesis guided on the topic: Effect of sex composition of surviving children on subsequent fertility intentions of currently married women.

Name of contact lecturer	Dr Anjana A
Paper Presentation	“Determinant Factors of Duration of Chronic Diseases Among Elderly in Kerala” in the International Conference on “Population, Nutrition and Development” at the 40th Annual Conference of IASP held at Department of Demography, University of Kerala, Thiruvananthapuram on 12–14, December 2019.
Training/Workshop Attended	Participated in the Skill Development Workshop on “Qualitative Research Approaches” at the 40th Annual Conference of IASP held at University of Kerala, Thiruvananthapuram on 12–14, December 2019.
Thesis Guided (M.Sc)	Problems Faced by Migrant Workers in Adaption in Kerala : A Sample Based Study

Name of contact lecturer	Mr. Arun Kumar V S
Designation	Contract Lecturer in Actuarial Science Department of Demography University of Kerala
Paper Presentation	“Health Status of Elderly Population in India : A multi Dimensional Approach” in the International Conference on “Population, Nutrition and Development” at the 40th Annual Conference of IASP held at Department of Demography, University of Kerala, Thiruvananthapuram on 12–14, December 2019. “Living arrangement and health status of Kerala” Department level best presentation award for three minutes thesis presentation, conducted by Kerala University as part of Science week celebration on March 2019.
Training/Workshop Attended	Participated in the Skill Development Workshop on “Data for planning policies for elderly”, at the 40th Annual Conference of IASP held at University of Kerala, Thiruvananthapuram on 12–14, December 2019.
Thesis Guided (M.Sc)	Loss Ratio Status of Leading Five Life Insurance Companies in India.

## MATHEMATICS

Year of establishment: 1965

Faculty of Science

### A. DEPARTMENT PROFILE

#### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Dr. G. Suresh Singh	M		Professor
2	Dr. Ramesh Kumar.P	M		Assistant Professor
3	Smt.Thalmi.B	F		Assistant Professor
4	Smt. Manju.V.N	F		Assistant Professor

#### 2. Administrative staff 3 nos. (1 M - 2 F)

#### 3. Programmes offered

#### M.Sc, M.Phil, Ph.D

Name of programme	strength	Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %

	Sanc-tioned(In-cluding marginal increase)	Actual								
M.Sc. Mathe-matics	58	52	40	Nil	7	Nil		Nil	1	
M.Phil. Mathematics	7	7	7	Nil	2	Nil	1	Nil	Nil	
Ph.D.	13	19	8	Nil						

#### B. COMMON ACTIVITIES

- No. of PhD theses awarded. 4
- No. of PhD theses submitted. 1
- No. of M. Phil dissertations awarded. 5
- Students who cleared GATE/NET/SET etc. - 4 (NET-1, UGC-CSIR-2, GATE-1)
- Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	Yes
2.	No. of books in stock as on Jan 1,2019	7719
3.	No. of books added this year	56
4.	No. of offline journal subscribed	2
5.	No. of online journals subscribed	Nil
6.	No. of online books available	Nil
7.	Amount spend for purchase of books	₹ 2,82,897/-

#### 6. Details of international/ national conferences/ seminars/workshops organized by the department.

	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/ workshop	No. of partici-pants (Show foreign and outside state participants sepa-rately)
1.	“Novel Trends in Pure and applied Mathematics”	International Conference	Department of Mathematics	January 22-24,2019	Total-125 Outside-52
3.	Modern Breakthroughs in Number Theoretic & Discrete Geometric Problems(NTDG-2019)	National level Workshop	Department of Mathematics	December 10-13, 2019	75

- Details of community outreach programmes (Please give a brief description)

#### Mathematics Skill Development Programme for School students on 26<sup>th</sup> February 2019

- Adoption of villages/ colonies/ schools/

departments in colleges, if any with brief description.

#### Adopted School :- Govt. H.S. Sreekaryam

- Details of alumni association.

Sl. No	Details	
1.	Name of the association	The Mathematics Department Alum-ni Association
2.	Registered or not	Not Registered
3.	No. of meetings held this year	2
4.	No. of members added this year	14



## CONTRIBUTION AT INDIVIDUAL LEVEL

### Name of faculty: Dr. G. Suresh Singh

1. Number of papers published in journals
  - (xix) G. Suresh Singh, Sunitha Grace Zacharia, "Distance Transformation", International Journal of Mathematics Trends & Technology(IJMTT), Vol. 65, Issue 3, (May), ISSN: 2231-5373, Impact Factor- 2.53
  - (xx) Manju V N, G. Suresh Singh "Generalised Composition of Path Related Graphs", International Journal of Applied Engineering Research, Vol.14, No.8, ISSN 0973-4562
  - (xxi) G. Suresh Singh, Sunitha Grace Zacharia, " On Graph Transformations", International Journal of Applied Engineering Research, Vol.14, No.8, ISSN 0973-4562
2. No. of books edited/published with ISBN : 2  
Guest editor in International Journal of Applied Engineering Research, ISSN 0973-4562.
3. No. of presentations in conferences/ seminars (indicate oral/ poster)- 4 (invited talk)
  - (i) Presented a paper entitled " Mathematical Modelling" in the National Conference on recent trends in Mathematics @ St.Jerome's College, Kanyakumari Dist on 7<sup>th</sup> February, 2019
  - (ii) Presented a paper entitled "Applications of Mathematics" in the National Conference on recent trends in Pure & Applied Mathematics @ Govt Arts College for Women, Karaikudi on 13<sup>th</sup> February, 2019
  - (iii) Presented a paper entitled "Mathematical Modelling through graphs" in the International Conference on Recent Advances in Pure & Applied Mathematics @ Arul Anandar College, Madurai
  - (iv) Presented a paper entitled " Mathematics & its Coherence with Nature" in the National Mathematics Day celebration @ St. Joseph's College for Women, Alappuzha on 6<sup>th</sup> August, 2019
4. No. of Ph.D. theses awarded : 2
5. No. of M.Phil. dissertations awarded: 3
6. No. of workshops/FDPs/short term courses/ conferences attended: 3
  - (i) International Conference on Novel Trends in Pure and applied Mathematics, University of Kerala from 22-01-2019 to 24-01-2019.
  - (ii) National Seminar on Computational Mathematics & Machine Learning organized by the Centre for Quantitative Analysis, University of Kerala; from October 16-18, 2019.
  - (iii) National level Workshop on Modern Breakthroughs in Number Theoretic & Discrete Geometric Problems(NTDG-2019) from December 10-13, 2019.
7. Involvement in academic bodies as dean, academic council/ board of studies member.
  - (i) Member, PG & M.Phil Board of Studies in many institutions (both inside & outside Kerala)
  - (ii) Member, Academic Council, University of Kerala
  - (iii) Member, Academic Council, Mar Ivanious College
  - (iv) Member, Faculty of Science, CUSAT

8. Service as reviewer of journals/ seminar papers  
Member in the editorial board of
  - (i) International Journal of Applied Engineering Research
  - (ii) Graph Labelings, Madura College, Madura
  - (iii) GSTF Journal on Mathematics, Statistics & Operation Research(JMSOR)
  - (iv) Mapana Journal of Sciences(MJS), Christ University, Bangalore.
9. Served as Chair/ member of committees/ boards/ councils/ commissions etc.
  - (i) Doctoral Committee Chairman, University of Kerala
  - (ii) Doctoral Committee Chairman, M.G University
  - (iii) Served as a Member, selection committee of various Universities and Institutions including KPSC
10. Any other activities.
  - (i) Senate member, University of Kerala
  - (ii) Providing free UGC Coaching
  - (iii) Participation in Syllabus/ Curriculum development
    - M. S. University, Thirunelveli
    - M. K. University, Madurai

### Name of faculty: Dr. Ramesh Kumar P.

1. No. of papers published in other peer reviewed journals with ISSN etc.: 3
  - (xiii) Conjunctive Variety of  $I$ -fuzzy languages, International Journal of Applied Engineering Research, Volume 14, Number 10, 2019, 2436-2441
  - (xiv) Variety of monoid recognizable  $I$ -fuzzy languages, International Journal of Advanced Research in Engineering and Technology, Volume 10, Issue 3, May 2019, 103-111
  - (xv) On semiring recognizable  $I$ -fuzzy languages, International Review of Fuzzy Mathematics, Volume 14, No. 1, June 2019, 1-8.
2. No. of presentations in conferences/ seminars (indicate oral/ poster) – 2 (invited talk)
  - (i) On semigroups arising from rings, BODHI, Multidisciplinary National Seminar 2019, K. S. M. D. B. College, Sasthamcotta, 08-02-2019.
  - (ii) On semigroups over skewlattices, International Conference on Algebra and Related Topics (ICART 2019), Department of Mathematics, Panampilly Memorial Govt. College, Chalakudi, 13-12-2019 to 14-12-2019.
3. No. of Ph.D. theses awarded : 2
  - (vi) Dhanya S. R., A study on languages associated with some pseudosubvarieties of varieties of aperiodic monoids.
  - (vii) Ajitha Kumari K., A study on  $I$ -fuzzy languages associated with semirings.
4. No. of M.phil. dissertations awarded: 1
  - (i) Remya, A study on Wiener index of graphs.
5. No. of workshops/FDPs/short term courses/ conferences attended: 6
  - (i) International Conference on Novel Trends in Pure and applied Mathematics, University of Kerala from 22-01-2019 to 24-01-2019.

- (ii) Short term faculty development programme conducted by the UGC HRDC centre Savithribai Phule University from 06-05-2019 to 12-05-2019.
  - (iii) Annual interdisciplinary Academic meet (A IAM 2K19) organised by the School of Physical and Mathematical Sciences.
  - (iv) International Conference on Semigroups and Applications (ICSSA 2019), Department of Mathematics, CUSAT, 09-12-2019 to 12-12-2019.
  - (v) International Conference on Algebra and Related Topics (ICART 2019), Department of Mathematics, Panampilly Memorial Govt. College, Chalakudi, 13-12-2019 to 14-12-2019.
  - (vi) Workshop on Linear Algebra and Functional Analysis, Govt. College, Kariyavattom, 20-12-2019 to 21-12-2019.
6. Served as Chair/ member of committees/ boards/ councils/ commissions etc.
- (i) Member, Board of studies ( P. G.) of Mathematics.
  - (ii) Member, Board of studies ( Pass) of Mathematics.
  - (iii) Member, Board of studies, Fatima Matha National Collage, (autonomous) Kollam.
  - (iv) Member, Board of studies, Fatima Matha National College (autonomous), Kollam.
  - (v) Member, Board of studies, Marian College, (autonomous), Kuttikanam.
7. Any other activities.

Resource person for the NuMaTs programme of SCERT.

**Name of faculty: Mrs. Thalmi B**

- 1. No. of presentations in conferences/ seminars (indicate oral/ poster) : 3 (oral)
  - (i) Presented a paper entitled “Relation between totally positive functions & Taylor positive functions” in the international conference on Mathematical Modelling in Science @ Engineering (ICMMSE 2019) conducted by Department of Mathematics, Bharathiyar University, Coimbatore from 1-2, February 2019.
  - (ii) Resource person for National Seminar on “Recent Trends in Applicable Mathematics” conducted by Nanjil Catholic College of Arts & Science, Kaliyikkavila on 20<sup>th</sup> February, 2019 and given a talk on *Polynomial Approximation*
  - (iii) Presented a paper entitled “Generalised totally bounded functions with respect to a particular extended complete Tchebycheff space” in the International Conference on Mathematical Sciences & Applications (ICMSA 2019) during August 9-11, 2019 organized by Department of Mathematics, School of technology, GITAM(Deemed to be University), Hyderabad.
2. No. of MOOC/Online courses completed : 1
- Attended an online course on “Understanding Open Educational Resources” offered by the Commonwealth of Learning, Canada.
3. No. of workshops/FDPs/short term courses/ conferences attended : 2

- (i) International Conference on Novel Trends in Pure and applied Mathematics, University of Kerala from 22-01-2019 to 24-01-2019.
  - (ii) Attended the one week workshop on Design & Development of MOOCS organized by Department of Education from 2-8, December 2019
  - (iii) Participated the workshop on Professional & Research etiquette organized jointly by the School of Technology, University of Kerala & office of the Undergraduate Research Engagement, Research & Economic Development, Louisiana, USA during 25-29, March 2019.
4. Involvement in academic bodies as dean, academic council/ board of studies member etc.
- Board of studies member (PG and Pass)
- Member of board of Studies (PG) of Mathematics, University of Kerala.
5. Activities in clubs, associations, NSS etc
- Staff advisor, Skill Acquisition Club of the Department of Mathematics, University of Kerala

**Name of faculty: Mrs. V.N. Manju**

- 1. No. of papers published in other peer reviewed journals with ISSN etc.: 1

V.N. Manju, G. Suresh Singh, “Generalised Composition of Path Related Graphs”, International Journal of Applied Engineering Research, vol.14, No.8, ISSN 0973 – 4562

- 2. No. of books edited/published with ISBN :

Book edited : Proceedings of the National Level Workshop on Modern Breakthroughs in Number Theoretic & Discrete Geometric Problems.

- 3. No. of presentations in conferences/ seminars (indicate oral/ poster) : 1 (oral)

Presented a paper on the topic “Generalized Composition of Path Related Graphs” in the International Conference on Novel Trends in Pure & Applied Mathematics, Organized by the Department of Mathematics, University of Kerala; from 22-24, January 2019

- 4. No. of workshops/FDPs/short term courses/ conferences attended : 1

National Seminar on Computational Mathematics & Machine Learning organized by the Centre for Quantitative Analysis, University of Kerala; from October 16-18, 2019.

- 5. Any other activities.
- 1. Served as the Treasurer, International Conference on Novel Trends in Pure & Applied Mathematics, organized by the Department of Mathematics, University of Kerala; from 22-24, January 2019
- 2. Served as an Organizing Secretary in the National level Workshop on Modern Breakthroughs in Number Theoretic & Discrete Geometric Problems (NTDG-2019) from December 10-13, 2019.
- 3. Served as the coordinator for Extension activities (Free Mathematics coaching for school students)

# DEPARTMENT OF PHYSICS

Year of Establishment:1970

Faculty of Science

## A. DEPARTMENT PROFILE

### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender (M/F/TG)	Qualifications (Highest two)	Designation
1	Dr. I.N. Jawahar	M	M.Sc., Ph.D	Assistant Professor
2	Dr. V. Biju	M	M.Sc., Ph.D	Assistant Professor
3	Dr. Subodh G	M	M.Phil., Ph.D	Assistant Professor
4	Dr. K. S. Sibi	M	M.Sc., Ph.D	Assistant Professor
UGC Assistant Professors (Faculty Recharge program)				
5	Dr.Savitha Pillai	F	M.Sc., Ph.D	Assistant Professor
6	Dr. Mamata Sahoo	F	M.Sc., Ph.D	Assistant Professor
7	Dr.RakhiRaghavan Baby	F	M,Phil., Ph.D	Assistant Professor

### 2. Administrative staff - 2 nos. (1M, 1F)

### 3. Programmes offered

Programme& Seats	Strength		Females	SC	ST	Other res. categories	Outside state	Foreign	Pass %
	Sanc-tioned	Actual							
Masters (Physics)	18	18	17	3	0	6	0	0	100
MPhil (Physics)	4	4	2	1	0	1	0	0	100
PhD (Physics)	20	10	6	1	0	Nil	0	0	Nil
Postdoc		2	2	1		1			Nil

## B. COMMON ACTIVITIES

- Details of papers published by the faculty members of the department as chapters in books with details such as title of the paper, title of the book, editors, publisher, etc.
  - Thampy, U.U., Mahesh, A., Sibi, K.S., Jawahar, I.N. and Biju, V., 2019. Enhanced photocatalytic activity of ZnO–NiO nanocomposites synthesized through a facile sonochemical route. *SN Applied Sciences*, 1(11), p.1478.
  - Raj, A.A., Madhu, G. and Biju, V., 2019. Nanostructured CuO with antiferromagnetic core and weakly ferromagnetic shell. *Journal of Solid State Chemistry*, 278, p.120911. (IF-2.291)
  - Varsha Viswanath, Sreeja Sreedharan Nair, G. Subodh, C. I. Muneera "Emission features, surface morphology and optical limiting properties of semiconducting Toluidine Blue O dye poly(vinyl alcohol) nanocomposite architecture" *SN Applied Sciences* 1 (2019), 43

- Sariga C. Lal, A.M. Aiswarya, K.S. Sibi, G. Subodh, "Insights into the structure, photoluminescence and Judd-Ofelt analysis of red emitting SrLaLiTeO<sub>6</sub>: Eu<sup>3+</sup> phosphors" *J. Alloys and Compounds* 788 (2019) 1300.
- Athira Rajan, Sikha L. Das, K. S. Sibi, G. Subodh "Influence of Bi Substitution on the Microstructure and Dielectric Properties of Gd<sub>3</sub>Fe<sub>5</sub>O<sub>12</sub> Ceramics" *J. Elect. Mater.* 48 (2019) 1133.
- Varsha Viswanath, Sreeja Sreedharan Nair, G. Subodh, C. I. Muneera "Zinc oxide encapsulated poly (vinyl alcohol) nanocomposite films as an efficient third-order nonlinear optical material: Structure, microstructure, emission and intense low threshold optical limiting properties" *Mater. Res. Bull.* 2 (2019) 281–291.
- M. Sahoo "Transport coherence and Diffusion in a Temporal Asymmetric Rocked Ratchet Model" *Int. J. Mod. Phys B (Accepted, 2019)*.
- Vidhya Lalan, Aparna P. N., K. P. Surendran, Subodh G "Room-Temperature Ferromagnetic

Sr<sub>3</sub>YCo<sub>4</sub>O<sub>10+□</sub> and Carbon Black-Reinforced Polyvinylidene fluoride Composites toward High-Performance Electromagnetic Interference Shielding” ACS Omega 4, 8196–8206 (2019). I. F.= 2.5.

- Anooja J. Babu, Dijith K. S, Surendran K. P, Subodh G\*, A simple strategy for flexible electromagnetic interference shielding: Hybrid rGO@CB-Reinforced polydimethylsiloxane, J. Alloys and Compds. 807, 151678, (2019). IF 4.1
- A. S. Aishwarya Raj, G. Madhu, V. Biju “Nanostructured CuO with antiferromagnetic core and weaklyferromagnetic shell” J. solid State Chem. 278 120911 (2019)IF 2.3
- S. Guchhait, U. Arjun, P.K. Anjana, M. Sahoo, et al. “A case study of bilayered spin-1/2 square lattice compound [VO(HCOO)2.(H2O)]”, *Phys. Rev. Materials*(accepted-2019) (arXiv:1908.06032v1).
- J. Kavil, P.M. Anjana, D. Joshy, A. Babu, G. Raj, P Periyat, R.B. Rakhi\* (2019) gC3N4/CuO and

gC3N4//Co304 nanohybrid structures as efficient electrode materials in symmetric supercapacitors, RSC Advances 9 (66),38430-38437. (IF:3.049)

- M. Manuraj, K.V.K. Nair, K.N.Narayanan Unni, R.B. Rakhi\* (2019) High performance supercapacitors based on MoS2 nanostructures with near commercial mass loading, *Journal of Alloys and Compounds*, 152963. (IF:4.175)
  - Vilesh V. L, Rukzana K, Subodh G\*, “Vibrational studies and microwave dielectric properties of Ca<sub>3</sub>Te<sub>2</sub>Zn<sub>3</sub>O<sub>12</sub> ceramic with garnet structure” J. Mater. Mater. Electr. 30, 18936 (2019) (I. F= 2.2).
  - Vidhya Lalan, Subodh G\* “Broadband Electromagnetic Response and Enhanced Microwave Absorption in Carbon Black and Magnetic Fe3O4 Nanoparticles Reinforced Polyvinylidene fluoride Composites” J. Electr. Mater. (2019).I. F=1.6
2. Students who cleared GATE/NET/SET etc. - 4 nos. (NET-1 no., JRF-2 nos. (GATE-1 no.)

Sl No	Name of student	Name of course	Name of exam cleared
1.	Muhsin Ibn Al Azeez	PG Physics	NET
2.	Dhanush S R	P G Physics	JRF-CSIR
3.	Aswini Thampi	PG Physics	GATE
4.	Reji R V	P G Physics	KSCSTE JRF

### 3. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	Yes
2.	No. of books in stock as on Jan 1,2019	8046
3.	No. of books added this year	387
4.	No. of offline journal subscribed	7
5.	No. of online journals subscribed	7
6.	No. of online books available	Nil
7.	Amount spend for purchase of books	Rs. 7,78,529/-

### 4. No of funded projects active during the year:

(Project name, funding agency, total outlay)

- SERB YSS 000868, SERB, 28 Lakhs
- KSCSTE SRS, KSCSTE, 22 Lakhs

3. KSCSTE SAR, KSCSTE, 31.5 Lakhs

- DST Women Scientist, DST, 28.7 Lakhs
- Driven Non-Equilibrium Systems and Biological Processes, DST-Inspire, 7.15 Lakhs
- Major equipments purchased during the year.

Sl. No	Name of the equipment	Cost	Source of fund
1.	Raman Microscope	100 Lakhs	State Plan
2.	FTIR Spectrometer	44 Lakhs	State Plan
3.	Photoluminescence Spectrometer	70 Lakhs	State Plan
4.	Impedance Analyser (10MHz-3 GHz)	40 Lakhs	State Plan

6. Details of eminent personalities visited in the department.
    - November 7, 2019, Department of Physics, in association with Department of optoelectronics, conducted an invited talk and interactive session on “Adaptive optics” by Professor Chris Dainty, Emeritus Professor, Institute of Ophthalmology, Faculty of Brain Sciences, Auditorium, Department of Physics, became the venue for the discussion in connection with celebrating 50 years of existence of Department.
    - Prof. Paula M. Vilarinho of University of Aviero, Portugal visited Department
    - November 6, 2019, Department of Physics could organize an invited talk celebrating 50 years of existence of the Department, Department of Physics on Nobel Prize in Physics 2019. Dr. Soumen Basak, Associate professor, IISER, was the speaker.
  7. Details of awards received by faculty/ staff/ students.
    - Award: Ms. Indujalekshmi J won the best oral presentation award (First prize) in the National Seminar on Interdisciplinary advancements in Physics (SIAP-2019) organized by Department of Physics, Government College for Women, Trivandrum on 10 – 11 October 2019.
    - Ms. Indujalekshmi J won the best oral presentation award (First prize) in the National Seminar on Fundamental and Applied Physics (NSFP-2019) organized by Department of Physics, University College, Trivandrum on 12 – 13 November 2019.
  8. Other major achievements and activities, including invited lectures, interactions, get together etc.
    - Department of Physics along with KSCSTE organized the preliminary screening of the Documentary on Trivandrum Observatory on 16-03-2019. Dr. Sibi K. S coordinated the event.
    - Six students from Kannur University visited the department of physics as a part of the walk with the scholar program on 25-01-2019. All were introduced to research facilities like XRD, VSM, PL, UV as well as Electronics and Advanced Physics Lab.
    - Department of Physics conducted Alumni Meet on 19-02-2019.
    - Department of Physics organized invited lectures and open day on February 26 & 28 and March 1 during Science week celebrations 2019.
    - Climate Change: Natural Versus Anthropogenic Sources by Dr Rajeew K (Scientist G, Space Physics Laboratory, VSSC)
    - Raman Effect Revisited, by Dr. Manoj Kammath (BMT Wing, SCTIMST, Trivandrum)
    - Physics of Laser Materials: Processing and its Applications by Prof. Murukeshan Vadakke Matham (Director, COLE, Nanyang Technological University, Singapore)
    - A project entitled “Development of polymer nanocomposites based micave absorbers for L and S band frequencies” with total cost of 41.32 lakhs is sanctioned to Dr. Subodh G (PI) under Research Grant Scheme of Kerala State Young Scientist Award program.
- Alumni day celebrated on 18-05-2019.
  - Dr. Rakhi R. B. joined the Department as Assistant Professor under UGC faculty recharge scheme. She is the first Ramanujan fellow to join university of Kerala.
  - Dr. Mamata Sahoo delivered a talk on “Interaction of RNA Polymerase molecular motors on DNA track at Institute of Physics, University of Augsburg, Germany in May 2019.
  - On 18.06.2019, A half-day orientation Program related to the topic “Stress Management” was organized in the Department of Physics for PG as well as Research scholars. Shri. Jobi Kondoor, Child Rights activist /Childline District Coordinator/ ORC coordinator was the invited resource person.
  - On 11.06.2019, Dr. Sibi K S delivered a lecture on “Fundamentals of Electron Microscopy” at Central Laboratory for Instrumentation and Facilitation, University of Kerala.
  - A Seminar about Mathematica software was conducted on 20-06-2019 2 PM at the Department of Physics, University of Kerala.
  - Department of Physics conducted four invited lectures as a part of Golden Jubilee celebration Lecture Series during July-September 2019.
  - On 20.09.2019, Lecture on topic Biophysics titled “Mechanics of living matter at different length scales.” was conducted. The invited expert was Dr. Bibhu Ranjan Sarangi, Assistant Professor, IIT, Palakad.
  - On 24.09.2019, Lecture on Moon Mission titled “Chandrayaan 2” was conducted. The invited speaker was Dr. Prince P R, Assistant Professor, Department of Physics, University College, Thiruvananthapuram.,
  - On 25.07.2019, Lecture on Moon Mission titled “50 Years of Moon Landing”. was conducted The Invited speaker was Dr. C Jasper Lal, Rtd. Group Head, Fluid Mechanics, and Heat Transfer Group, VSSC.
  - On 25.07.2019, Lecture on Moon Mission titled “Why we select south pole for Chandrayaan 2?” was conducted. The invited speaker was Dr. Rakesh Chandran S B, Assistant Professor, Department of Physics, S D College, Alappuzha.
  - Department of Physics conducted two Orientation Program for First-Year Students.
  - On 18.06.2019, An orientation Program on the topic “Stress Management” was organized in the Department of Physics. Shri. Jobi Kondoor, Child Rights activist /Childline District Coordinator/ ORC coordinator, was the invited resource person.
  - On 15.07.2019 AN, Department of physics conducted induction program for PG first-year students. Professor Ramesh Chandra Nath, Assistant Professor in the school of physics, IISER Thiruvananthapuram was the chief speaker.

- MoU: Department of Physics signed an MoU with Korean Institute of Ceramic Engineering and Technology on 11-12-2019.

#### Visit of Foreign Faculty members

- November 7, 2019, Department of Physics, in association with Department of optoelectronics, conducted an invited talk and interactive session on “Adaptive optics” by Professor Chris Dainty, Emeritus Professor, Institute of Ophthalmology, Faculty of Brain Sciences, Auditorium, Department of Physics, became the venue for the discussion in connection with celebrating 50 years of existence of Department.
- Prof. Paula M. Vilarinho of University of Aviero, Portugal visited Department of Physics on 11-12- 2019 and gave a Talk on “Flash Sintering of Ceramics”

#### Visit of eminent Faculty members

- November 6, 2019, Department of Physics could organize an invited talk celebrating 50 years of existence of the Department, Department of Physics on Nobel Prize in Physics 2019. Dr. Soumen Basak, Associate professor, IISER, was the speaker.
- Department of Physics conducted an exhibition in connection with National Children’s Science Congress at Mar Ivanios College Trivandrum during Dec 27 to 31 2019.
- Dr. R. B. Rakhi, received an annual research grant of Rs. 6,80,000/- From DST-SERB for the Ramanujan project SB/S2/RJN-098/2015.
- Dr. V. Biju performed duties as a Resource person for the Very Rev. T. M. Samuel Remban Memorial Lecture Series – 2019 organized by the Post Graduate Department of Physics, St. Stephen’s College, Pathanapuram on 18-1-2019.
- Dr. V. Biju performed duties as a Resource person for the Sasthrapadham Camp organized by Samagra Shiksha Abhiyan Kerala (Alappuzha) at S. D. College, Alappuzha on 26-1-2019. and at K. S. M. D. B. College, Sasthamkotta on 27-1-2019.
- Dr Sibi K S was the chief guest at “Shastrajalakam” Initiative at NSS College, Pandalam on 07-01-2019, at SN College, Chempazhanthy on 05-01-2019 and at Government College, Ambalapuzha on 02-01-2019.
- Dr.Sibi K. S acted as resource person for walk with scholar program at MSM College, Kayamkulam on 19-01-2019, at St. Aloysius College Edathava on 18-01-2019, at St. Michael’s College, Cherthala 12-01-2019, and Sree Ayyappa College, Eramalikara on 10-01-2019.
- Dr Sibi K S Conducted Quiz on “Science for people” at KUCTE, Kumarapuram as the part of Science Day Celebration on February 22, 2019.
- Dr Sibi K S acted as an external expert for WWS program at TKMM College, Nagiarakulangara on 01-02-2019.
- Dr Sibi K S gave the keynote address for the Republic day celebration at St. Joseph’s College and delivered a talk on the topic scientific temperament as a part of Walk with the scholar program in the college on 26-01-2019.

- Dr.Subodh G attended Annual Technical Meeting of Materials Research Society of India (MRSI) Trivandrum Chapter held at CSIR-NIIST on 23/03/2019.
- On 27.06.2019, Dr. Sibi K S was invited to evaluate the project report of interns selected for the Instrumentation workshop at Central Laboratory for Instrumentation and Facilitation, University of Kerala
- R.B. Rakhi, RGO Based composites as efficient electrode Materials for high-performance supercapacitors, invited talk at ICAFM-2019 held at CSIR-NIIST, Thiruvananthapuram on 9- 10 December 2019
- Manuraj Mohan, K.N. narayanan Unni, RB Rakhi\*, High performance Supercapacitors based on MoS2 nanostructures with near commercial mass loading, poster presentation at ICAFM- 2019 held at CSIR-NIIST, Thiruvananthapuram on 9-10 December 2019.
- R.B. Rakhi delivered lectures on Supercapacitors at Refresher courses for college teachers, conducted by UGC-HRDC at Calicut University and University of Kerala
- Dr.Subodh G Delivered lecture on Functional Perovskite at Refresher courses for college teachers, conducted by UGC-HRDC of University of Kerala.
- Dr. Subodh G participated and presented a paper on DAE-Solid State Physics symposium held at IIT Rajasthan, Jodhpur during Dec 18-22 2019.
- Dr. V. Biju delivered an invited lectures in the National Seminar on Fundamental and Applied Physics (NSFP-2019) organized by Department of Physics, University College, Thiruvananthapuram during 12 – 13 November 2019.
- Dr. V. Biju delivered two invited lecture on National Seminar on Advances in Physics organized by Department of Physics, Government College, Karyavattom during 21 and 22 November 2019.
- Dr. V. Biju delivered an invited lecture in the National Seminar organized by IQAC, University College, Trivandrum on 5<sup>th</sup> December 2019.
- Dr. V. Biju performed duties as Co-ordinator for the Refresher course in Materials Science conducted by UGC-HRDC, University of Kerala during 16-10-2019 to 5-11-2019
- October 23, 2019, Dr. Sibi K S arranged initial Screening of the documentary “Travancore Observatory: in the hidden mist of time” for Vice-Chancellor, Pro-VC, and Syndicate members
- October 24, 2019, Dr. Sibi K S was appointed as Judge for Kerala Science Fest at Pala District conducted at St. Thomas HSS, Pala
- October 26, 2019, Dr. Sibi K S served as External Mentor for Walk with the Scholar (WWS) Program and also handled a session on “Scientific Temper” conducted at S.D. College, Alappuzha.
- October 29, 2019, Dr. Sibi K S and his team of PG students qualified for presenting their idea on Artificial Intelligence at Kerala State initiative

Young Innovators Program (2019) held at KSUM, Technopark.

- October 30, 2019, Dr. Sibi K S was instrumental in setting up a branch for Kerala Shastra Sahithya Parishad at University of Kerala, Karaivattom Campus. KSSP, Kariavattom Campus nominated Dr. Sibi K S as the President.
- November 4, 2019, Dr. Sibi K S served as Judge for Kerala State Science fest (State Level) conducted at VM HSS Kunnankulam, Guruvayoor.
- November 15, 2019, Dr. Sibi K S was the resource person for Two day National Seminar on the foundation of statistical Mechanics and celebration of 125th Birth Anniversary of S.N. Bose. Dr. Sibi K S delivered a talk on "Introduction to Quantum Statistics" at Seminar Hall, Maharaja's College, Ernakulam
- November 28, 2019, Dr. Sibi K S was the resource person for orientation program on Materials Science conducted by UGC-HRDC at Kerala University. Dr. Sibi K S delivered a lecture on Fuel Cells
- December 7, 2019, Dr. Sibi K S served as External Mentor for Walk with the Scholar (WWS) Program and also handled a session on "Scientific Temper" conducted at MSM College, Kayamkulam.
- December 13, 2019, Dr. Sibi K S served as External Mentor for Walk with the Scholar (WWS) Program and also handled a session on "Scientific Temper" conducted at St. Joseph's College, Alappuzha.
- Dr. Savitha Pillai S attended the Three-day Workshop on MOOCs, E-Content Development and Open Educational Resources for teachers conducted by UGCHRDC, University of Kerala from 19-3-2019 to 21-03-2019.
- Dr. Subodh G attended short-term course on disaster management during 23-07-2019 to 29-03-2019.
- Dr. I. N. Jawahar attended orientation programme conducted by UGC-HRDC, University of Kerala during 16-10-2019 to 5-11-2019
- Dr. I. N. Jawahar attended refresher programme on materials Science conducted by UGC-HRDC, University of Kerala during 21-11-2019 to 4-12-2019

### C. CONTRIBUTION AT INDIVIDUAL LEVEL

**Name of faculty: Dr. Jawahar. I. N**

5. No. of papers published in other peer reviewed journals with ISSN etc.: 1
6. No. of papers/ abstracts published in conference proceedings with ISBN: 1
7. No. of presentations in conferences/ seminars (indicate oral/ poster): 14 Oral: Poster: 7
8. No. of MPhil dissertations awarded - 1 no.
9. No. of workshops/FDPs/short term courses/ conferences attended: two (one orientation and one refresher)
10. Involvement in academic bodies as dean, academic council/ board of studies member etc.: Member, BOS (pass) in physics, University of Kerala

**Name of faculty: Dr. S. Savitha Pillai**

16. No. of presentations in conferences/ seminars (indicate oral/ poster)-1
  - Poster presented at International Conference on Advanced materials for sustainable energy and sensors organized by Department of Physics, Alagappa University
17. No. of MPhil dissertations awarded: One [ Studies on multiferroic properties of BiFeO<sub>3</sub>-B<sub>2</sub>O<sub>3</sub> composites]
18. No. of MPhil dissertations submitted - 1
19. Attended the Three-day Workshop on MOOCs, E-Content Development and Open Educational Resources for teachers conducted by UGC HRDC, University of Kerala from 19-3-2019 to 21-03-2019
20. Any other activities. Prepared question papers for Kannur university MSc exam. Projects submitted for external funding agencies.

**Name of faculty: Dr. Sibi K S**

21. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.
  - Sariga C. Lal, A.M. Aiswarya, K.S. Sibi, G. Subodh, "Insights into the structure, photoluminescence and Judd-Ofelt analysis of red emitting SrLaLiTeO<sub>6</sub>: Eu<sup>3+</sup> phosphors" J. Alloys and Compounds 788 (2019) 1300. IF: 3.779.
  - AthiraRajan, Sikha L. Das, K S Sibi, Subodh G "Influence of Bi Substitution on the Microstructure and Dielectric Properties of Gd<sub>3</sub>Fe<sub>5</sub>O<sub>12</sub> Ceramics" J. Electr.Mater. 48, No. 2, 1133, (2019). IF: 2.195
  - Enhanced photocatalytic activity of ZnO-NiO nanocomposites synthesized through a facile sonochemical route U. S. Udayachandran Thampy, A. Mahesh, K. S. Sibi, I. N. Jawahar, V. Biju, SN Applied Sciences (2019) 1:1478 Springer Nature Switzerland AG 2019 IF: 1.310
22. Involvement in academic bodies as dean, academic council/ board of studies member etc.: Member, BOS (pass) in physics, University of Kerala
  - Activities in clubs, associations, NSS etc : Coordinator of Illuminati, XERXES, Enigma Clubs. They coordinate Nature Club, Yoga Day Celebrations, Film Festivals etc.
23. Public talks/ discussions over AIR/ television channels:
  - The chief guest at "Shastrajalakam" Initiative at NSS College, Pandalam on 07-01-2019, at SN College, Chempazhanthy on 05-01-2019 and at Government College, Ambalapuzha on 02-01-2019.
  - Acted as resource person for walk with scholar program at MSM College, Kayamkulam on 19-01-2019, at St. Aloysius College Edathava on 18-01-2019, at St. Michael's College, Cherthala 12-01-2019, and Sree Ayyappa College, Eramalickara on 10-01-2019.
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- December 13, 2019, Dr. Sibi K S served as External Mentor for Walk with the Scholar (WWS) Program and also handled a session on "Scientific Temper" conducted at St. Joseph's College, Alappuzha.

### 3. Any other activities.:

Major Academic Activities during the year (including details of teaching)

Courses handled during January 2019 to December 2019

PG Physics

Semester 1

PHY-C- 411 Mathematical Physics I (4 Credits-5 hours)

Semester 2

PHY-C-423 Thermal and Statistical Physics (4 Credits-5 Hours)

PHY-C-425 Lab-Advanced Physics (4 credits - 6 Hours)

Semester 3

PHY-C-433 Nuclear and Particle Physics (4 Credits- 5 Hours)

Semester 4

PHY-D-444 Project (6 Credits)

10 PG Projects Completed

Extra departmental Elective Course

PHY-X-411 Foundation of Astronomy (2 Credits-3 Hours) Around 80 students joined and actively in the course

M Phil Physics

PHY 711 Theoretical Physics (4 Credits – 5 Hours)

Research activity in the area of Fuel cells and Non Linear optics are presently carried out.

Faculty in Charge-SEM facility at CLIF, Kariavattom Campus

**Name of faculty: Dr.Subodh G**

8. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. 8

### List of Publications

- Sariga C. Lal, A.M. Aiswarya, K.S. Sibi, G. Subodh\*, "Insights into the structure, photoluminescence and Judd-Ofelt analysis of red emitting SrLaLiTeO<sub>6</sub>: Eu<sup>3+</sup> phosphors" J. Alloys and Compds 788 (2019) 1300. IF= 4.2
- Varsha Viswanath, Sreeja Sreedharan Nair, G. Subodh\*, C. I. Muneera\* "Zinc oxide encapsulated poly (vinyl alcohol) nanocomposite films as an efficient third-order nonlinear optical material: Structure, microstructure, emission and intense low threshold optical limiting properties" Mater. Res. Bull. 2 (2019) 281–291. IF=3.3
- 3 Athira Rajan, Sikha L. Das, Sibi K. S, Subodh G\* "Influence of Bi Substitution on the Microstructure and Dielectric Properties of Gd<sub>3</sub>Fe<sub>5</sub>O<sub>12</sub> Ceramics" J. Electr. Mater. 48, No. 2, 1133, (2019). IF= 1.6
- Vidhya Lalan, Aparna P. N., K. P. Surendran, Subodh G\* "Room-Temperature Ferromagnetic Sr<sub>3</sub>YCo<sub>4</sub>O<sub>10+□</sub> and Carbon Black-Reinforced Polyvinylidene fluoride Composites toward High-Performance Electromagnetic Interference Shielding" ACS Omega 4, 8196–8206 (2019). IF= 2.5.
- Anooja J. Babu, Dijith K. S, Surendran K. P, Subodh G\*, A simple strategy for flexible electromagnetic interference shielding: Hybrid rGO@CB-Reinforced polydimethylsiloxane, J. Alloys and Compds. 807, 151678, 2019. IF= 4.2



- Sibi N. Athira Rajan, Subodh G\* Garnet Mineral Based Composites through Cold Sintering Process: Microstructure and Dielectric Properties” J. Eur. Ceram. Soc. 40 371-375 (2020) IF= 4.
- Vilesh V. L, Rukzana K, Subodh G\*, “Vibrational studies and microwave dielectric properties of  $\text{Ca}_3\text{Te}_2\text{Zn}_3\text{O}_{12}$  ceramic with garnet structure” J. Mater. Mater. Electr. 30, 18936 (2019) (I. F= 2.2).
- 8.Vidhya Lalan, Subodh G\* “Broadband Electromagnetic Response and Enhanced Microwave Absorption in Carbon Black and Magnetic  $\text{Fe}_3\text{O}_4$  Nanoparticles Reinforced Polyvinylidene fluoride Composites” J. Electr. Mater. (accepted 2019). I. F=1.6.
- 9. No. of presentations in conferences/ seminars (indicate oral/ poster): 23
- Vidhya lalan, Subodh G -Synergically Enhanced Microwave Absorption of Polyvinylidene fluoride Composites with  $\text{Sr}_3\text{YCo}_4\text{O}_{10+\delta}$  and Carbon Black, Annual Technical Meeting-2019, Materials Research Society of India Thiruvananthapuram Chapter, NIIST, Trivandrum, March 23, 2019.
- Vidhya lalan, Amritha P. Subodh G Green – Fluorescent Carbon Nanoparticles from Pith of Manihot esculenta (Tapioca) Stem for Fe(III) Detection, 31<sup>st</sup> Kerala Science Congress-2019, Fatima Mata National College, Kollam February 2-3, 2019.
- Vidhya lalan, Alish V G, subodh G Broad band dielectric response of polyvinylidene fluoride reinforced with carbon nano structures synthesized from the pith of tapioca stem, 64<sup>th</sup> DAE Solid state symposium, Indian Institute of Technology, Jodhpur, Rajasthan, 18-22 dec 2019.
- Amritha Krishnan B, Subodh G Insight into Interplay between Crystal Structure and Luminescent Properties of Garnet Phosphors, 31<sup>st</sup> Kerala Science Congress-2019, Fatima Mata National College, Kollam February 2-3, 2019.
- Amritha Krishnan B, Jawahar I. N, Subodh G Novel Self -Activated  $\text{Na}_2\text{BiMgZnV}_3\text{O}_{12}$  Yellow-Green Phosphor For N-UV Excited WLEDs Third international conference on Advanced Functional materials (ICAFM 2019), CSIR NIIST, 9-10 Dec 2019
- Amritha Krishnan B, Jawahar I. N, Subodh G Novel Self -Activated  $\text{Na}_2\text{BiMgZnV}_3\text{O}_{12}$  Yellow-Green Phosphor For N-UV Excited WLEDs 64<sup>th</sup> DAE Solid state symposium, Indian Institute of Technology, Jodhpur, Rajasthan, 18-22 dec 2019.
- Vilesh V L, Subodh G, Enhancement of Microwave dielectric properties of  $\text{Ca}_3\text{Te}_2\text{Zn}_3\text{O}_{12}$  Garnet Ceramics by Cold Sintering Process, 31<sup>st</sup> Kerala Science Congress-2019, Fatima Mata National College, Kollam February 2-3, 2019.
- Sariga C Lal, Jawahar I. N, Subodh G, Deciphering the Crystal Structure and Photoluminescence Properties of B Site Ordered Double Perovskites  $\text{Ba}_2\text{Ln}_{2/3}\text{TeO}_6$  (Ln = Y, Gd-Lu), 31<sup>st</sup> Kerala Science Congress-2019, Fatima Mata National College, Kollam, February 2-3, 2019.
- Sariga C Lal, Subodh G Insights into the Structure, Photoluminescence and Judd-Ofelt Analysis of  $\text{SrLaLiTeO}_6: \text{Eu}^{3+}$  Phosphors, National Seminar on Interdisciplinary Approaches in Materials and Biological Research (IAMBR 2019), Mahatma Gandhi College, Thiruvananthapuram, march 15-16, 2019.
- Sariga C Lal, Jawahar I. N, Subodh G Probing the Crystal Structure, Photoluminescence and Thermal Stability of Red Emitting  $\text{SrLaLiTeO}_6: \text{Eu}^{3+}$  phosphors for WLED, Annual Technical Meeting of Materials Research Society of India, Trivandrum Chapter, National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram, march 23, 2019
- Sariga C Lal, Jawahar I. N, Subodh G  $\text{SrLaLiTeO}_6: \text{Mn}^{4+}, \text{Mg}^{2+}$  red phosphors for Indoor plant growth LED Applications, Third international conference on Advanced Functional materials (ICAFM 2019), CSIR- NIIST, 9-10 Dec 2019
- Sariga C Lal, Jawahar I. N, Subodh G Far red emitting  $\text{SrLaLiTeO}_6: \text{Mn}^{4+}, \text{Mg}^{2+}$  phosphors for Indoor plant growth LED Applications 64<sup>th</sup> DAE Solid state symposium, Indian Institute of Technology, Jodhpur, Rajasthan, 18-22 dec 2019.
- Nima A M, Subodh G- Blue Fluorescent Carbon Nanoparticles From Pith of Tapioca Stem for Fe(III) Detection, National Seminar on Interdisciplinary Approaches in Materials and Biological Research (IAMBR 2019), Mahatma Gandhi College, Thiruvananthapuram, march 15-16, 2019.
- Nima A M, Subodh G Facile and Blue Fluorescence Carbon Nanoparticles from Pith of Tapioca (Manihot esculenta) Stem: Fe and pH Detection Applications, Nano India 2019, Mahathma Gandhi University, Kottayam, 26-27 april 2019.
- Nima A. M., Subodh G, Green Fluorescent Carbon nanoparticle from Circassian seed: Tool for Elemental Detection, INCAMSES-2019, Alagappa University, Karaikudi, Tamilnadu, September, 16-17 2019.
- Nima A M, Subodh G-Fluorescent Carbon nanoparticles From Circassian Seed: An Effective Tool For Fe(III) Detection in Aqueous Medium, SIAP-2019, Govt. College for Women, TVPM, October 10-11, 2019
- Rakhi. M, Subodh G, Crystal Structure, Microstructure And Microwave Dielectric Properties of Novel Glass Free  $\text{NaPb}_2\text{B}_2\text{V}_3\text{O}_{12}$  (B=Mg, Zn) Ceramics, 31<sup>st</sup> Kerala Science Congress-2019, Fatima Mata National College, Kollam, February 2-3, 2019.
- Rakhi. M, Subodh G, Cold sintered  $\text{NaCa}_2\text{Zn}_2\text{V}_3\text{O}_{12}$ -NaCl composites for microwave applications, Third international conference on Advanced Functional materials (ICAFM 2019), CSIR- NIIST, 9-10 Dec 2019
- Nithin J S, Subodh G Crystal structure and optical properties of  $\text{A}_2\text{CdTeO}_6$  [A=Ba, Sr, Ca] double perovskites, 64<sup>th</sup> DAE Solid state symposium, Indian Institute of Technology, Jodhpur, Rajasthan, 18-22 dec 2019.
- Adarsh Vijayan, Subodh G Broad band electromagnetic response of  $\text{MgFe}_{1.98}\text{O}_4$ - $\text{BaFe}_{12}\text{O}_{19}$

composites, 64<sup>th</sup> DAE Solid state symposium, Indian Institute of Technology, Jodhpur, Rajasthan, 18-22 Dec 2019.

- Sibi N, Subodh G Natural garnet based magneto dielectric composites for Radiofrequency Applications. Third international conference on Advanced Functional materials (ICAFM 2019), CSIR- NIIST, 9-10 Dec 2019
- Athira Rajan, Subodh G *Effect of Al Substitution on the Dielectric and Magnetic Properties of  $Sr_3YCo_4O_{10}$  and  $\square$  Double Perovskite*, One day Research Scholar Symposium on Materials Science and Engineering organized by IIM (Indian Institute of Metals) Trivandrum Chapter, CSIR NIIST, April 3, 2019.
- Athira Rajan, Subodh G Dielectric and magnetic properties of  $xSrFe_{12}O_{19}$ -(1-X) $Li_2MoO_4$  Cold sintered composites Towards microwave applications, DAE Solid state symposium, Indian Institute of Technology, Jodhpur, Rajasthan, 18-22 Dec 2019.

10. No. of MPhil dissertations awarded: 1

11. No. of workshops/FDPs/short term courses/conferences attended: 1

Short term course on disaster Management Conducted by UGC HRDC, UoK in July 2019.

12. Involvement in academic bodies as dean, academic council/ board of studies member etc.

Chairman, PG Board of studies UoK

Member, Academic council (upto July 2019)

Member, Board of studies in Physics, FMN College, Kollam

Member, Board of studies in Physics, Mar Ivanios college Thiruvananthapuram

Member, Board of Studies in Physics, Assumption College Changanassery

13. Service as reviewer of journals/ seminar papers (give details)

- ACS Omega
- RSC Advances
- Journal of Physical Chemistry C
- Journal of Materials Science
- Optical Materials
- ACS Applied Materials and Interfaces
- ACS Applied Nanomaterials
- Journal of American Ceramic Society
- Materials Chemistry and Physics
- Journal Alloys and Compounds
- International Journal of Applied Ceramic Technology
- Materials Science and Engineering
- Material Research Bulletin
- Journal of Luminescence
- Journal of Electronic Materials
- Journal of Magnetism and Magnetic Materials
- Journal of Physics D Applied Physics

- Materials Research Express

14. Served as Chair/ member of committees/ boards/ councils/ commissions etc.

- Assistant Director CLIF, UoK
- Faculty in charge XRD, XPS, Photoluminescence Spectrometer

**Name Of Faculty: Dr. Mamata Sahoo**

#### 1. **Publications:**

- Transport coherence and diffusion in a temporal asymmetric rocked ratchet model.

**M. Sahoo** *Int. J. Mod. Phys B* **33**, 1950096 (2019).

- A case study of bilayered spin-1/2 square lattice compound  $[VO(HCOO)_2$ .

( $H_2O$ )]. S. Guchhait, U. Arjun, P.K. Ajana, **M.Sahoo**, A. Thirumurugan, A. Medhi, Y. Skourski, B. Koo, J. Sichelschmidt, B. Schmidt, M. Baenitz, R. Nath, *Phys. Rev. Mater.* **3**, 104409 (2019).

#### 2. **Invited Talks:**

- Invited talk on “ Transcriptional Interference with Pausing” in Indian Statistical Physics discussion meeting held at ICTS Bangalore on 15<sup>th</sup> Feb 2019.

- Delivered a talk on “ Transcription: Backtracking and Error Correction” in Institute of Physics, University of Augsburg, Germany on 2nd May 2019.

- Invited talk on “Brownian Motor at Nano Scale” on the Refresher Course on Material Science held at HRDC, University of Kerala on Nov 2019.

#### 3. **Conference:**

“Velocity Auto-Correlation of a confined Brownian Particle” **Arsha N.** Sabina S, and M. Sahoo\* on Recent Topics in Statistical Mechanics held at NISER, Bhubaneswar during the period December 11-13, 2019

#### 4. **G. Service as reviewer of journals (List name of Journal & Publisher)**

Dr. Mamata Sahoo *J. Phys. A: Math. Theor.* (Institute of Physics, Science)

**Name of Faculty: V Biju**

#### 1. **List of Papers**

- Thampy, U.U., Mahesh, A., Sibi, K.S., Jawahar, I.N. and **Biju, V.**, 2019. Enhanced photocatalytic activity of ZnO–NiO nanocomposites synthesized through a facile sonochemical route. *SN Applied Sciences*, 1(11), p.1478.

- Raj, A.A., Madhu, G. and **Biju, V.**, 2019. Nanostructured CuO with antiferromagnetic core and weakly ferromagnetic shell. *Journal of Solid State Chemistry*, 278, p.120911. (**IF-2.291**)

#### 2. **List of Papers in Conferences/Seminars**

- A. Mahesh, G. Pradeep Kumar, I. N. Jawahar and V. Biju\*, “Photocatalytic performance of ZnO decorated exfoliated graphite oxide for the degradation of methylene blue under solar irradiation”, International Workshop on Crystalline Materials and Applications (IWCMA-2019), 3-5 January 2019, Crystal Growth Centre, Anna University, Chennai.

- Pradeep Kumar G., Pinku Krishnan, I. N. Jawahar, V. Biju\*, "Improving the Performance  $\text{Co}_3\text{O}_4$  based Supercapacitor with addition of Reduced Graphite Oxide", International Workshop on Crystalline Materials and Applications (IWCMA-2019), 3-5 January 2019, Crystal Growth Centre, Anna University, Chennai.
  - Indujalekshmi J, Reji R. V., V. Biju\*, "A flexible, porous, environment friendly, integrated Supercapacitor using rGO-modified filter paper", 31 st Kerala Science Congress, 2-3 February 2019.
  - Arsha M.S, V. Biju\*, "Tunnel Structured  $\text{MnO}_2$  For Electrochemical Supercapacitors", National Conference on Energy and Environment (NCEE-2019), 25-26 February 2019, Sree Ayyappa College, Eramallikkara (ISBN: 978-81-936117-9-1).
  - Pinku Krishnan, V. Biju\*, "Synergistic Effect of rGO- $\text{Mn}_3\text{O}_4$  Composite as Active Material for Electrochemical Supercapacitors", National Conference on Energy and Environment (NCEE-2019), 25-26 February 2019, Sree Ayyappa College, Eramallikkara (ISBN: 978-81-936117-9-1).
  - Pradeep Kumar G., Pinku Krishnan, I. N. Jawahar, V. Biju\*, "Thermally Exfoliated and Reduced Graphite Oxide for Potential Supercapacitor Applications", National Conference on Energy and Environment (NCEE-2019), 25-26 February 2019, Sree Ayyappa College, Eramallikkara (ISBN: 978-81-936117-9-1).
  - Pradeep Kumar G., Pinku Krishnan, I. N. Jawahar, V. Biju\*, "Symmetric Supercapacitor Based on Thermally Prepared rGO- $\text{Co}_3\text{O}_4$  Composite", National Seminar on Interdisciplinary Approaches in Materials and Biological Research (IAMBR-2019), 15-16 March 2019, Mahatma Gandhi College, Thiruvananthapuram.
  - Indujalekshmi J, Reji R. V., V. Biju\*, "A flexible, eco-friendly, integrated supercapacitor from modified filter paper using rGO as active material", National Seminar on Interdisciplinary Approaches in Materials and Biological Research (IAMBR-2019), 15-16 March 2019, Mahatma Gandhi College, Thiruvananthapuram.
  - Indujalekshmi J, Pradeep Kumar G, Arsha M S, V. Biju\*, "Effect of NaOH, a Mild Reducing Agent on the Properties and Supercapacitor Action of Hydrothermally Reduced Graphite Oxide", International Conference on Advanced Materials for Sustainable Energy and Sensors (INCAMSES-2019), 16-17 September 2019, Department of Physics, Alagappa University, Karaikkudi.
  - Pradeep Kumar G., I. N. Jawahar, V. Biju\*, "Fabrication of Symmetric Supercapacitor Using Thermally Reduced Graphite Oxide", International Conference on Advanced Materials for Sustainable Energy and Sensors (INCAMSES-2019), 16-17 September 2019, Department of Physics, Alagappa University, Karaikkudi.
  - Sinu Kurian, A. Mahesh, I. N. Jawahar, V. Biju\*, "Surface Passivated Sulfur Quantum dots : Preparation and Luminescence studies", International Conference on Advanced Materials for Sustainable Energy and Sensors (INCAMSES-2019), 16-17 September 2019, Department of Physics, Alagappa University, Karaikkudi.
  - Indujalekshmi J, V. Biju\*, "Layer structured materials for supercapacitor applications", National Seminar on Interdisciplinary Advancements in Physics (SIAP-2019), 10-11 October 2019, Department of Physics, Government College for Women, Thiruvananthapuram
  - Sinu Kurian, A. Mahesh, I. N. Jawahar, V. Biju\*, "Surface Passivated Sulfur Quantum dots : Preparation and Luminescence studies", National Seminar on Interdisciplinary Advancements in Physics (SIAP-2019), 10-11 October 2019, Department of Physics, Government College for Women, Thiruvananthapuram
  - Indujalekshmi J, Pradeep Kumar G, Arsha M S, V. Biju\*, "Effect of NaOH-Modification on Hydrothermally Reduced Graphite Oxide: Properties and Supercapacitor action", National Conference on Fundamental and Applied Physics (NFAP-2019), 12-13 November 2019, Department of Physics, University College, Thiruvananthapuram.
  - Pradeep Kumar G., I. N. Jawahar, V. Biju\*, "Effect of Fuel Oxidizer Ratio on Structure and Properties of Nanostructured  $\text{Co}_3\text{O}_4$  Prepared by Solution Combustion Synthesis", National Conference on Fundamental and Applied Physics (NFAP-2019), 12-13 November 2019, Department of Physics, University College, Thiruvananthapuram.
- 3. Invited Talks**
- Delivered two invited talks (1) Nanostructured Materials and (ii) Supercapacitors at Two Day National Seminar on Advanced and Engineered Materials organised by Department of Physics, CMS College, Kottayam during 25<sup>th</sup> and 26<sup>th</sup> June 2019.
  - Delivered an invited talk on Supercapacitors in the National Seminar on Fundamental and Applied Physics (NSFP-2019) organized by Department of Physics, University College, Trivandrum on 12 – 13 November 2019.
  - Delivered two invited talks (i) XRD analysis of Nanomaterials and (ii) X-ray Photoelectron Spectroscopy at National Seminar on Advances in Physics organized by Department of Physics, Government College, Karyavattom during 21 and 22 November 2019.
  - Delivered an invited talk in the Seminar organized by IQAC, University College, Trivandrum on 5<sup>th</sup> December 2019.
  - Delivered the an invited lecture at St. Stephen's College, Pathanapuram in connection with the Very Rev. T. M. Samuel Renban memorial lecture series -2019 on 18-1-2019.

# DEPARTMENT OF STATISTICS

Year of establishment: 1945

Faculty of Science

## A. DEPARTMENT PROFILE

### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Dr.C.Satheesh Kumar	M	M.Phil., Ph.D.	Professor & Head
2	Dr.E.I.Abdul Sathar	M	M.Phil., Ph.D.	Associate Professor
3	Dr.Manoj Chacko	M	M.Phil., Ph.D.	Assistant Professor

### 2. Administrative staff - 3 nos. (3 F)

### 3. Programmes offered

Name of programme	strength		Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actual								
Masters 1.M.Sc Statistics	39 (21+18)	39 (in-cluding one sports quota)	35	Nil	5	Nil	15	Nil	Nil	100%
2.M.Sc Applied Statistics & Data Analytics	15	13	11	Nil	Nil	Nil	6	Nil	Nil	100%
MPhil(...)	6	6	5	Nil	1	Nil	4	Nil	Nil	100%
PhD (...)	18	18	12	Nil	1	Nil	3	Nil	Nil	
Postdoc	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	
Others	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	

## B. COMMON ACTIVITIES

- Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.
- Kumar, C.S. and Rosmi Jose, "On Double Lindley Distribution and Some of its Properties", *American Journal of Mathematical and Management Sciences*, Vol-38, No-1, Pages: 23 - 43, 2019 (Available Online) [Print ISSN:0196-6324 Online ISSN:2325-8454]  
Kumar, C.S. and Sreejakumari,S., "On Some Properties and Applications of Intervened Cluster Negative Binomial Distribution", *Communications in Statistics - Simulation and Computation*, 2019 (Available Online) [Print ISSN:0361-0918 Online ISSN:1532-4141] [DOI:10.1080/03610918.2018.1520866] (Impact factor: 0.501)

- Kumar, C.S. and Harisankar, S., "On Some Aspects of a General Class of Yule Distribution and its Applications", *Communications in Statistics-Theory and Methods*, 2019 [0361-0926(Print) 1532-415X (Online)] (Accepted for Publication) (Available Online) (Impact factor: 0.424)
- Kumar, C.S. and Rakhi Ramachandran, "On Some Aspects of a Zero-inflated Over-dispersed Model and its Applications.", *Journal of Applied Statistics*, 2019 (Available Online) [ISSN: 0266-4763 (Print) 1360-0532 (Online)] (Impact factor: 0.767)  
Kumar, C.S. and Rakhi Ramachandran, "On Zero-inflated hyper-Poisson Distribution and its Applications", *Communications in Statistics - Simulation and Computation*, 2019 (Available Online) (Accepted for Publication) [Print ISSN:0361-0918 Online ISSN:1532-4141] [DOI:10.1080/03610918.2018.1520866] (Impact factor: 0.501)

25. Kumar, C.S. and Harisankar, S., "Modeling Over-dispersed Datasets Using Generalized Geometric Distributions", *Journal of Statistical Computation and Simulation*, 2019 (Available Online)[ISSN: 0094-9655 (Print) 1563-5163 (Online)] (Impact factor: 0.767)
  26. Kumar, C.S. and Manju, L., "Gamma Generalized Logistic Distribution: Properties and Applications", *Journal of Statistical Theory and Applications*, 2019 (Published from USA) (Available Online) [ISSN: 1538-7887 (Print) 2214-1766 (Online)]
  27. Kumar, C.S. and Anila, G.V., "Asymmetric curved normal distribution", *Journal of Statistical Research*, Vol-53, 2019 (Available Online) [ISSN 0256 - 422 X]
  28. Kumar, C.S. and Sreejakumari,S., "On Some Properties and Applications of Intervened Gegenbauer Distribution", *SriLankan Journal of Applied Statistics*, Vol-19, No-1, 2019 (Available Online) [ISSN: 1391-4987]
  29. Kumar, C.S. and Manju, L., "A Generalized Logit Model – An Alternative to Probit and Logit Models", *The Aligarh Journal of Statistics*, Vol-38, Pages: 33 - 42, December 2018 [Published during 2019] [ISSN: 0971-0388]
  30. Kumar, C.S. and Jino Nainan, "On some properties of bivariate two-piece logistic distribution", *Journal of the Indian Statistical Association*, 2018 (Accepted for Publication) [ISSN: 0537-2585]
  31. Chacko, M and Shiny, M., Inference on  $P(X < Y)$  for bivariate normal distribution based on ranked set sample, *Metron*, 77, 239-252, 2019.
  32. Chacko, M. and Rakhi, M., Bayesian analysis of Weibull distribution based on progressive type-II censored competing risks data with binomial removals, *Computational Statistics*, 34, 234-252, 2019 [ISSN:0943-4062 (Print)1613-9658 (Online)] (Impact factor: 0.828)
  33. Chacko, M and Shiny, M. (2019) Inference on  $P(Y < X)$  based on record values for generalized Pareto distribution *Calcutta Statistical Association Bulletin*, (Accepted for publication).
  34. E.I., Abdul Sathar & K.V., Viswakala, "Non-parametric estimation of Kullback–Leibler discrimination information based on censored data," *Statistics & Probability Letters*, vol. 154(C), pages 1-9, 2019.
  35. E.I., Abdul Sathar & K.V., Viswakala, Rajesh G. (2019) Estimation of Past Inaccuracy Measure for the Right Censored Dependent Data, *Communications in Statistics -Theory and Methods*, 2019, <https://doi.org/10.1080/03610926.2019.1651859>.
  36. Rohini S Nair and E.I., Abdul Sathar, Bivariate Dynamic Weighted Survival Entropy of Order  $\alpha$ , *Stochastics and Quality Control*, 2019, DOI: <https://doi.org/10.1515/eqc-2018-0032>.
  37. E.I., Abdul Sathar & Dhanya Nair R. On Dynamic Survival Extropy, *Communications in Statistics -Theory and Methods*, 2019, <https://doi.org/10.1080/03610926.2019.1649426>.
  38. K.K.Ajith & E.I., Abdul Sathar, Some Results on Dynamic Weighted Varma's Entropy and its Applications, *American Journal of Mathematical and Management Sciences*, 2019, <https://doi.org/10.1080/01966324.2019.1642817>.
  39. E.I., Abdul Sathar and R.B.Athirakrishnan, E-Bayesian and Hierarchical Bayesian Estimation for the Shape Parameter and Reversed Hazard Rate of Power Function Distribution Under Different Loss Functions, 20:2, 227-253, *Journal of the Indian Society for Probability and Statistics*, 2019, <https://doi.org/10.1007/s41096-019-00069-4>.
  40. E.I., Abdul Sathar and G.S.Sathyareji, Estimation of Dynamic Cumulative Past Entropy for Power Function Distribution, 78:4, 319-334, *Statistica*, 2019, DOI: 10.6092/issn.1973-2201/7819.
2. Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.
    1. Kumar, C.S. and S.R. Nair, "On some properties of generalized Kumaraswamy inverse Weibull distribution", *Biostatistics and Biometrics Open Access Journal*, 2019 (Accepted for Publication) (Available Online) [ISSN: 2573-2633] (Impact factor: 0.883)
    2. Kumar, C.S. and Harisankar, S., "Bivariate Version of Yule Distribution and Some of its Properties", *Journal of Statistics and Mathematical Engineering*, Vol-5, No-1, Pages: 7 - 15, April 2019 [e-ISSN: 2581-7647]
    3. Kumar, C.S. and Dharmaja, S.H.S., "On Generalized Log-Weibull Distribution and its Applications", *Echoes of Research*, 2019 (Accepted for Publication).
    4. Laji M. and Chacko, M., Inference on generalized Lindley distribution based on lower k records, *Journal of the Kerala Statistical Association*, 2019 (Accepted for publication).
  3. Details of papers/ abstracts published by the faculty members of the department in conference proceedings with ISBN, month/ year, indexing details if any etc.
    1. Kumar, C.S. and Harisankar, S., "An Alternative to Zero-inflated Yule Distribution", *Proceedings of the National Conference on Advances in Statistical Methods*, Pages: 79 - 88, 2019
    2. Kumar C.S. and Harisankar, S., "On some properties of modified zero-inflated alternative Yule distribution", *Proceedings of the International Conference on Numerical Analysis, Computing and Applications in Science, Engineering and Technology (ICNumACA'18)*, 2019
    4. No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any.)- 2

1. Project Name: "A Study on Certain Hyper-Poisson Related Distributions"

Funding Agency: Department of Science and Technology, Government of India

Total Outlay: 6,60,000

Duration: 2018-2021 (Three years)

Principal Investigator: Dr C. Satheesh Kumar

2. Project Name: "Bayesian density estimation based on ranked set sampling"

Funding Agency: Department of Science and Technology, Government of India

Total Outlay: 6,60,000

Duration: 2019-2022 (Three years)

Principal Investigator: Dr Manoj Chacko

5. Details of newsletters/ brochure/ bulletins/ published by the department.

1. Published a Souvenir in connection with the Second National Seminar on "Recent Trends in Statistical Sciences [RTSS-2019]" held during 07-09 March 2019.

2. Published a Souvenir in connection with the Third National Seminar on "Recent Trends in Statistical Theory and Applications [NSSTA-2019]" held during 27-29 June 2019.

3. Published a Souvenir in connection with the Fifth International Conference on "Statistics for Twenty-first Century-2019 [ICSTC-2019]" held during 18-20 December 2019.

6. No. of PhD theses awarded. 1

7. No. of PhD theses submitted. 1

8. No. of M. Phil dissertations awarded. 4

9. No. of M. Phil dissertations submitted. 4

10. Placement details of students.

Sl No	Name of student	Name of course	Designation	Name of the company	Annual Pay
1	M.R. Irshad	M.Sc., M.Phil., Ph.D.	Assistant Professor	CUSAT, Kochi	UGC Scale
2	M.R. Anusree	M.Sc., M.Phil., Ph.D.	Assistant Professor	St Thomas College, Thrissur	UGC Scale
3	Halek Kumar Suresh	M.Sc.	Associate Data Scientist	Skoruz Technologies Private Limited, Bangalore	Rs. 8 Lakhs
4	R.S. Priya	M.Sc., M.Phil., Ph.D.	Lecturer (Contract)	University of Kerala	Rs. 3.84 Lakhs
6	A. Riyaz	M.Phil., Ph.D.	Lecturer (Contract)	University of Kerala	Rs. 3.84 Lakhs
7	RakhiRamachandran	M.Phil., Ph.D.	Lecturer (Contract)	University of Kerala	Rs. 3.84 Lakhs
8	Renjini K.R.	M.Phil., Ph.D.	Lecturer (Contract)	KUFOS, Panangad, Kochi	Rs. 4 Lakhs
9	Maya, R.	M.Sc., M.Phil., Ph.D.	Guest lecturer	Govt. Womens College, Trivandrum	Rs. 3 Lakhs
10	Gopika, S	M.Sc.	Guest lecturer	S. N. College, Chempazhanthy	Rs. 3 Lakhs
11	Reeba Mary Alex	M.Phil.	JRF	M.G. University	Rs. 3.6 Lakhs
12	Aswathy,K.P.	M.Phil.	JRF	IIM, Calicut	Rs. 3.6 Lakhs
13	Jiji Jose	M.Sc.	JRF	Calicut University	Rs. 1.6 Lakhs

11. Students who cleared GATE/NET/SET etc. - 5 (GATE-5)

12. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	YES
2.	No. of books in stock as on Jan 1,2019	10652
3.	No. of books added this year	65
4.	No. of offline journal subscribed	1
5.	No. of online journals subscribed	-
6.	No. of online books available	-
7.	Amount spend for purchase of books	4,00,000

13. No of funded projects active during the year:2  
(Project name, funding agency, total outlay)  
1. Project Name: “A Study on Certain Hyper-Poisson Related Distributions”  
Funding Agency: Department of Science and Technology, Government of India  
Total Outlay: 6,60,000  
Duration: 2018-2021 (Three years)  
Principal Investigator: Dr C. Satheesh Kumar

2. Project Name: “Bayesian density estimation based on ranked set sampling”  
Funding Agency: Department of Science and Technology, Government of India  
Total Outlay: 6,60,000  
Duration: 2019-2022 (Three years)  
Principal Investigator: Dr Manoj Chacko  
14. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1	Recent Trends in Statistical Sciences (RTSS-2019)	National Seminar	Univ Kerala and Centre for Mathematical and Statistical Sciences Trust	07-09 March 2019	150 participants; 20 Out side State
2	Recent Trends in Statistical Theory and Applications(NSSTA-2019)	National Seminar	Univ Kerala	27-29 June 2019	150 participants;25 Out side State
3	Statistical Methods for Data Analysis Using R and PYTHON (SMDA-2019)	National level one week workshop	Univ Kerala	23-27 September 2019	100 participants; 30 Out side State
4	Distribution Theory and its Applications	International Workshop	Univ Kerala	16–17 December 2019	100 participants;20 Out side State
5	Statistics for Twenty-first Century [IC-STC-2019]	International Conference	Univ Kerala and KSCSTE	18–20 December 2019	250 participants; 25 Foreign and 70 Out side State

15. Details of community outreach programmes (Please give a brief description)  
1. In connection with “National Science Day” Celebrations of 2019, department has organized an “Interaction cum Motivation Programme” along with a “Statistics Exhibition” for school students on 28 February 2019.  
2. In connection with “National Science Day” Celebrations of 2019, department has organized an “Interaction Programme” for science graduates of various colleges/universities in the Afternoon session on 28 February 2019.  
3. In connection with “National Science Day” Celebrations of 2019, department has organized an “Open House Programme” for the public on 28 February 2018 for introducing the academic/ research/extension activities of the department as well as for highlighting the relevance and power of the subject “Statistics” for the well-being of the society.  
4. International yoga day was observed by the Department of Statistics in association with Department of Psychology, on 21 June 2017 at 10.00 a.m. in the Seminar hall, Department of Statistics.

5. In connection with the observance of the “National Statistics Day” Celebrations of 2019, department has organized an all Kerala Quiz Competition in “Statistics” in the name of “Professor P.C. Mahalanobis Memorial Quiz Competition” for Mathematics/Statistics/ Physics/ Computer Science Main students in B.Sc. Program of various colleges in Kerala and held it on 28 June 2019. Students from Bishop Moor College won the First Prize in this Competition.  
6. In connection with the observance of the “National Statistics Day” Celebrations of 2019, department has organized a National level Project Competition Award in “Statistics” in the name of “Professor R.N. Pillai Memorial Project Competition” for Post-graduate students in Statistics Program of various colleges/Universities in India on 28 June 2019. Mr. Prince Sathyan M.Sc. (Statistics) Students from Department of Statistics University of Kerala won the Award.  
7. Dept of Statistics organized the Annual General Body Meeting of Alumni Association of Dept. of Statistics University of Kerala (AADSUK) on 13 July 2019.  
16. Details of alumni association.

Sl. No	Details	
1.	Name of the association	Alumni Association of Department of Statistics University of Kerala (AADSUK)
2.	Registered or not	Not
3.	No. of meetings held this year	1
4.	No. of members added this year	14
5.	Details of alumni contributions, including endowments, talks, donation etc	Distributing Several Awards through Alumni Association

17. Details of eminent personalities visited in the department.

Dr N. Balakrishnan (Distinguished University Professor, McMaster University, Canada),

Dr J.S. Rao (Distinguished University Professor, University of California, USA), Dr. Jaya Sathagopan (Professor, State University of New Jersey, Piscataway, USA), Dr. A. M. Mathai (Emeritus Professor of McGill University, Canada and Director, Centre for Mathematical and Statistical Sciences), Dr A.M. Variyath (Memorial University, Canada), Dr Atanu Biswas (ISI, Kolkata), Dr Kalyan Das and Dr Sabnis (of IIT, Bombay) etc, visited the department during 2019 and interact with faculties and students.

18. Details of awards received by faculty/ staff/ students.

- Ms Rakhi Ramachandran (Research Scholar of this department) won Professor C.R. Rao Gold Medal for best paper presentation (of ISPS) held at PG Department of Statistics, Utkal University, Bhubaneswar, Odisha held during 21-23 December 2019.

19. Other major achievements and activities, including invited lectures, interactions, get together etc.

1. In connection with “National Science Day” Celebrations of 2019, department has organized Lecture Series (i) on the topic “Role of Statistics and Society” by Dr Sheela Misra, Professor and Head, Department of Statistics, University of Lucknow on 06 February 2019 and (ii) on the topic “Transmuted Distributions and Their Applications” by Dr K. Jayakumar, Professor and Head, Department of Statistics, University of Calicut on 18 February 2019.
2. Organized a talk on “Time Series Analysis and its Applications” by Dr. K. Jayakumar, Professor and Head, Dept. of Statistics, University of Calicut during 30-31 May 2019 in the department seminar hall for M.Sc., M.Phil. and research students of this department.
3. Arranged an Interaction Programme with Professor R.N. Misra of Patna University on 29 November 2019 at 02.00 pm in the department seminar hall.

4. Dept of Statistics arranged a get-together of Alumni Members of the department on 13 July 2019.

20. Details of International/ National/ State awards/ recognitions received

1. This Department has initiated a best PhD thesis award at the national level in the name of “Professor A.M. Mathai Best Ph.D. Thesis Award” for the year 2019 among the applicants who did their research in India, irrespective of the age of the candidate.
2. This Department has initiated a best PhD research thesis presentation award at the national level in the name of “Professor T.S.K. Moothathu Young Statistician Award” for the second time for the year 2019 among the applicants of researchers below 40 years of age in India who have been awarded their PhD’s during 2017-2019 period. Also, the Department has initiated six Best Paper Presentation Awards in honour of Professor U.S. Nair, Professor Aleyamma George, Professor R. Krishna Pillai, Professor P.S.J. Nayar, Professor Jacob Sundara raja and Professor R.N. Pillai (former Heads of the department) among the contributory presentations of researchers below 40 years of age in the International Statistical Conference: ICSTC-2019. Dr. Moumitha Chatterjee of Calcutta University won Professor T.S.K. Moothathu Young Statistician Award-2019, Ms. Ashly Elizabeth Koshy (former MPhil Scholar of this department) won “Professor U.S. Nair Best Paper Presentation Award-2019”, Ms. Albin Paul (Research Scholar of St Thomas College, Pala) won “Professor Aleyamma George Best Paper Presentation Award-2019”, Ms. Ajitha Sasi (Research Scholar of St Thomas College, Pala) won “Professor R. Krishna Pillai Best Paper Presentation Award-2019”, Rohini, S. Nair (former Research Scholar of this department) won “Professor P.S.J. Nayar Best Paper Presentation Award-2019”, Ms. Rosmi Jose (Research Scholar of this department) won “Professor R.N. Pillai Best Paper Presentation Award-2019” and Ms. Ambili Jose (Research Scholar of St Thomas College, Pala) won “Professor Jacob Sundara raja Best Paper Presentation Award-2019”.



## C. CONTRIBUTION AT INDIVIDUAL LEVEL

### Name of Faculty: Dr. C. Satheesh Kumar

1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.: 11
2. No. of papers published in other peer reviewed journals with ISSN etc.: 3
3. No. of papers/ abstracts published in conference proceedings with ISBN: 2
4. No. of presentations in conferences/ seminars (indicate oral/ poster): oral - 6
5. No. of MPhil dissertations awarded:2
6. No. of MPhil dissertations submitted:2
7. No. of workshops/FDPs/short term courses/ conferences attended:3
8. No. of foreign visits for academic purposes: 1
9. Involvement in academic bodies as dean, academic council/ board of studies member etc.:  
Member, Academic Council of Kerala University; Board of Studies Chairman in Statistics (PG) as well as Board of Studies Member Demography (PG) of Kerala University, Statistics (PG) of Cochin University of Science and Technology, Bharathiar University, M.S. University, Kannur University, Kerala University of Fisheries and Ocean Studies (KUFOS), FMN College, Kollam (Autonomous), Mar Ivanious College, Trivandrum(Autonomous),etc.  
Service as reviewer of journals/ seminar papers (give details)  
Permanent Reviewer-Mathematical Reviews (USA) and *Zentralblatt MATH-Springer*  
AND Referee to several journal during this period including International journal like:  
(1) "Communications in Statistics-Theory and Methods" (Taylor & Francis journal) published from USA,  
(2) "Journal of Statistical Computation and Simulation" (Taylor & Francis journal) published from USA,  
(3) "Statistics: A Journal of Theoretical and Applied Statistics"(Taylor & Francis) published from UK  
(4) "Bulletin of Malaysian Mathematical Sciences Society"  
(5) "The Aligarh Journal of Statistics" etc.
10. Served as Chair/ member of committees/ boards/ councils/ commissions etc.  
Member - Expert Technical Advisory Committee -Kerala State Electricity Board Ltd (KSEBL),  
Expert Group Member State Planning Board, Govt. of Kerala  
Member of the Standardization Committee of Statisticians-Commissionerate of Entrance Examinations, Govt. of Kerala  
Research Advisor- KIRTADAS, Kozhikode (Govt of Kerala)  
Member of the Standardization Committee of Statisticians-Kerala Public Service Commission

Advisor –UPSC, Govt of India; KPSC Govt of Kerala

Member of the Governing Council -Centre for Mathematical Sciences since2010,

Member of the Governing Council of the Mathematical and Statistical Sciences Trust 2011onwards

Senate Member of Kerala University; Member, Academic Council of Kerala University; Member, Academic Audit Committeeof Kerala University, President, Kerala Statistical Association (KSA)

Joint Secretary - Indian Society for Probability and Statistics (ISPS); Former Joint Secretary of KSA, etc.

Convener/Chairman - Professor A.M. Mathai Endowment Committee, Professor T.S.K. Moothathu Endowment Committee, Professor C.R. Rao Endowment Committee, Professor R. Krishna Pillai Endowment Committee, Professor R.N. Pillai Endowment Committee etc.

MATRICES Fellow –Dept of Science and Technology (DST), New Delhi (for the period: 2018-2020)

President, AADSUK, Kerala University; Secretary, Statistics Fraternity Kerala

11. Details of international/ national/ state awards/ recognitions received.

Acted as the Technical Advisory Committee Member of the following International Conferences: (1) International Conference on "Recent Advances in Statistics and Data Science for Sustainable Development" in conjunction with 39<sup>th</sup> Annual Convention of Indian Society for Probability and Statistics organized by PG Department of Statistics, Utkal University, Bhubaneswar, Odisha held during 21-23 December 2019 (2) International Conference on "Statistical Distributions and Applications" organized by Central Michigan University, USA held during 10-12, October 2019.

Editorial Board member - "International Journal of Statistical Distributions"; "Journal of Statistics and Mathematical Engineering", "Biostatistics and Biometrics Journal"

12. Any other activities.

- Dr. C. Satheesh Kumar has been nominated as the President of Kerala Statistical Association (KSA)
- Dr. C. Satheesh Kumar has been nominated as the Joint Secretary of Indian Society for Probability and Statistics (ISPS)
- Dr. C. Satheesh Kumar has been nominated as a Member of the Advisory Committee of the National Conference on "Statistical Theory, Modeling and Applications (NCoSTMaA)" organized by Dept of Statistics, Bharathiyar University, Tamil Nadu during 14-15 March 2019.
- Dr. C. Satheesh Kumar has been nominated as a Member of the Advisory Committee of the National Workshop on "Statistical Machine Learning Techniques" organized by Dept of

Statistics, Bharathiyar University, Tamil Nadu held during 13 March 2019.

- Dr. C. Satheesh Kumar attended and delivered an Keynote address on “Beyond Uncertainty” in National Seminar on “Design of Experiments” organised by Dept of Statistics, Govt. Women’s College, Trivandrum during 21-23 January 2019.
- Dr. C. Satheesh Kumar has been nominated as a Member of the Advisory Committee of the National Conference on “Recent Developments in Applied Statistics” organized by Madras Christian College, Chennai during 13-14, February 2020.
- Dr. C. Satheesh Kumar delivered a talk on “Why Statistics?” in the International Seminar on “Advanced Mathematics and Statistics” held during 08-09 August 2019 at Post Graduate Department of Mathematics and Department of Statistics, Little Flower College, Guruvayoor.
- Dr. C. Satheesh Kumar given lectures on “Beyond Poisson Family of Distributions” to students, faculties and research scholars at Madras University on 20 August 2019.
- Dr. C. Satheesh Kumar has organized an invited session on “Distribution Theory” in the International Conference on “Statistical Distributions and Applications” organized by Central Michigan University, USA during 10-12, October 2019.
- Dr. C. Satheesh Kumar participated and gave an invited talk on “On a Wide Class of Discrete Distributions” in the International Conference on “Statistical Distributions and Applications” organized by Central Michigan University, USA during 10-12, October 2019.
- Dr. C. Satheesh Kumar participated and gave a Plenary talk on “On Some Contributions to the Study of Bivariate Count Data Models” in the International Conference on “Recent Advances in Statistics and Data Science for Sustainable Development” in conjunction with 39<sup>th</sup> Annual Convention of Indian Society for Probability and Statistics organized by PG Department of Statistics, Utkal University, Bhubaneswar, Odisha held during 21-23 December 2019.
- Dr. C. Satheesh Kumar participated and Chaired a Technical Session on ‘Design of Experiments’ in the the International Conference on “Recent Advances in Statistics and Data Science for Sustainable Development” in conjunction with 39<sup>th</sup> Annual Convention of Indian Society for Probability and Statistics organized by PG Department of Statistics, Utkal University, Bhubaneswar, Odisha held during 21-23 December 2019.

## II Name of faculty: Dr. Manoj Chacko

1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.: 3
2. No. of papers published in other peer reviewed journals with ISSN etc.: 1

3. No. of MPhil dissertations awarded:1
4. No. of MPhil dissertations submitted:1
5. No. of workshops/FDPs/short term courses/ conferences attended:3
6. No. of foreign visits for academic purposes: 2
7. Involvement in academic bodies as dean, academic council/ board of studies member etc.:  
Board of Studies Member in Statistics (PG) of Kerala University
8. Details of international/ national/ state awards/ recognitions received.  
Received world Bank Trust Fund of International Statistical Institute, The Netherlands for attending the 62<sup>nd</sup> World statistics congress held during 18-23 August 2019 at Kuala Lumpur, Malaysia.
9. Any other activities.
1. Chaired an Invited Paper Session on ‘Financial time series modelling, count data, high frequency and Volatility’ in the 62<sup>nd</sup> ISI World Statistics held during 18-23 August 2019 held at Kuala Lumpur, Malaysia.

## Name of faculty: Dr. E.I. Abdul Sathar

1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.: 7
2. No. of presentations in conferences/ seminars (indicate oral/ poster): Oral- 3; Poster -0
3. No. of PhD theses awarded:1
4. No. of PhD thesis submitted: 1
5. No. of MPhil dissertations awarded:1
6. No. of MPhil dissertations submitted:1
7. No. of workshops/FDPs/short term courses/ conferences attended:3
8. Involvement in academic bodies as dean, academic council/ board of studies member etc.:  
Board of Studies Member in Statistics (PG & PASS) of Kerala University
9. Any other activities.

Resource person to the following workshops:

1. UGC Sponsored Two day National Workshop on Data Analysis Using R Dept. of Statistics and Computer Science, Mar Athanasius College, Kothamangalam on 12th February 2019.
2. Time series Analysis Using R Training on Developing Professional Competencies in Statistical Data Scientists & Practical Statistics for Data Scientists organized by State Academy on Statistical Administration (SASA), Govt. of Kerala on 15th February 2019
3. One-day workshop for the Annual Interdisciplinary Academic Meet (AIAM-2K19) School of Physical and Mathematical Sciences in association with IQAC, University of Kerala on 20th March 2019.  
Faculty coordinator of 12<sup>th</sup> Statistics Olympiad 2020 organizing by C.R.Rao Advanced Institute of Mathematics, Statistics and Computer Science.

# SCHOOL OF SOCIAL SCIENCES

## DEPARTMENT OF ARCHAEOLOGY

Year of Establishment: 1997

Faculty of Social Science

### A. Department Profile

#### 4. Teaching Staff

S. No.	Name	Designation	Highest Two Qualification	Gender
1	Dr. Ajit Kumar	Professor	PhD., MA, Post Graduate Diploma in Archaeology	Male
2	Dr. Preeta Nayar	Reader and Head	PhD., MA	Female
3	Dr. S.V. Rajesh	Assistant Professor	PhD., MA, Post-Doctoral Research	Male
4	Dr. G.S. Abhayan	Assistant Professor	PhD., MA, Post Graduate Diploma in Archaeology	Male
5	Dr. V.R. Sheena	Contract Lecturer	PhD., MPhil, MA	Female
6	Mr. S.R. Renjeshlall	Contract Lecturer	MPhil, MA	Male

#### 5. Administrative staff - 2 nos. (F)

#### 6. Programmes offered - Current Strength & Details

List Nomenclatures of Programmes offered, with specialisation

Programme and Seats	Strength	Females	SC	ST	Other res. categories	Outside state	Foreign	Pass %
Masters (Archaeology)	15	12	3	Nil	OEC- 1 OBC- BPL-2	Nil	Nil	100%
MPhil (Archaeology)	4	3	3	Nil	Nil	Nil	Nil	100%
PhD (Archaeology)	12	5	1	Nil	OEC-1 OBC-5	Nil	2	Nil
Postdoc	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

### B. COMMON ACTIVITIES

#### 1. Journals, if any, published by the Dept, with ISSN and no of issues

Heritage: Journal of Multidisciplinary Studies in Archaeology Volume 7. ISSN 2347-5463 (Editors: Rajesh S.V., Abhayan G.S., Ajit Kumar and Preeta Nayar)

#### 2. Placement details

- Ms. Malooty S. Contract Lecturer, Centre for Heritage Studies, Hill Palace, Thrippunithura, Ernakulam
- Ms. Hasnath K. P., Contract Lecturer, Assumption College, Changanassery, Kottayam
- Ms. Najmi V. N., Guest Lecturer, Department of History, Union Christian College, Aluva, Ernakulam

#### 3. Students who cleared GATE/NET/SET etc with names

NET – 6 Nos.

#### 4. Library Details

- No of Books in stock on Jan 1: 4993
- No of books added this year: 463
- No of Journals Subscribed: 3
- Average Books issued/member: 40

#### 5. Major Conferences/Seminars etc. organised by the Dept

(Give name, no of days, number of participants etc)

##### Organization of International Conference

Dr. Ajit Kumar, Dr. G.S. Abhayan, Dr. S.V. Rajesh, and Dr. Preeta Nayar acted as coordinators of the **International Joint Annual Conference- 52<sup>nd</sup> Annual Conference of the Indian Archaeological Society (IAS), 47<sup>th</sup> Annual Conference of the Indian Society for Prehistoric and Quaternary Studies (ISPQS), 43<sup>rd</sup> Annual Conference of the History and Culture Society (HCS) organized by the Department of Archaeology, University of Kerala at Kazhakootam during 7<sup>th</sup> - 10<sup>th</sup> November 2019.**

### Organization of International Workshop

Dr. S.V. Rajesh and Dr. G.S. Abhayan acted as coordinators of the Seven Day International Workshop on 'Conservation of Cultural Heritage' at Department of Archaeology, University of Kerala, in collaboration with Department of Museology, The Maharaja Sayajirao University of Baroda, Vadodara, Oriental Research Institute and Manuscripts Library, University of Kerala and Central Cultural Fund, Sri Lanka during 9<sup>th</sup>-15<sup>th</sup> December 2019.

Dr. Abhayan G. S. and Dr. Rajesh S.V. acted as coordinators of the Seven Day International Workshop on 'Geographic Information System – Applications in Archaeology' at Department of Archaeology, University of Kerala, in Collaboration with McDonald Institute for Archaeological Research, University of Cambridge and Archaeological Micromorphology and Biomarker Research Lab, University of La Laguna during 14<sup>th</sup> – 20<sup>th</sup> November 2019.

### Organization of Exhibition

Dr. Rajesh S.V. and Dr. Abhayan G.S. curated an archaeological exhibition titled '*Paitrukam Puravastukkalilude*' in connection with the Centenary Celebrations of the Higher Secondary School for Girls, Venganoor, Thiruvananthapuram during 05.12.2019 to 07.12.2019.

### 6. No of funded projects active during the year

Project name, funding agency, total outlay

**21-12-2019 Onwards:** Multidisciplinary Archaeological Research project entitled "Experimental Archaeology and Ethnoarchaeology for Reconstruction of Traditional Crafts" (Director: Dr. Rajesh S.V., Co-Director: Dr. Abhayan G.S.). Rs. 2500000/ State Plan Fund (Order No Pl.A1/32997/ARC/2019 dated 21.12.2019).

### 7. Major Equipments purchased during the year (>5 lakhs)

(name, cost, source of funds)

- Research Automated Polarising Microscope with Camera and Computer: Euro 50897.00 (State Plan Fund, University of Kerala)
- Automatic Sample Preparation Machine for thin section (Grinding and Polishing): USD 72573.01 (State Plan Fund, University of Kerala)
- Research Semi automated Polarising Microscope with Camera and Computer: Yen 4500000/- (State Plan Fund, University of Kerala)
- Automatic Point Counting Stage with Complete Software -GBP 8024 (State Plan Fund, University of Kerala)
- Routine Polarising Microscope, Routine Microscope Model Stereo Microscope, Student Polarising Microscope and Student Stereo Microscope – Euro 18094 (State Plan Fund, University of Kerala)

### 8. Major developmental activity like construction etc.

Construction of new block for Archaeology is progressing.

### 9. Community Outreach Programmes

(To society in general/ Schools in Particular)

Dr. Rajesh S.V. and Dr. Abhayan G.S. curated an archaeological exhibition titled '*Paitrukam Puravastukkalilude*' in connection with the Centenary Celebrations of the Higher Secondary School for Girls, Venganoor, Thiruvananthapuram during 05.12.2019 to 07.12.2019.

### 10. OTHER EVENTS IN DEPT (Invited lectures, interactions, get together etc).

**Title, full name of speaker with affiliation and date alone.**

Department of Archaeology, University of Kerala in association with PAMA - Institute for the Advancement of Transdisciplinary Archaeological Sciences, Kerala organized a Special Lecture entitled 'The Diachronic Landscape: Recent Research at Tekkalakota and Future Plans' by Dr. Namita Sanjay Sugandhi, Associate Professor, Department of Anthropology, Hartwick College, Oneonta, New York, USA (Date: 04<sup>th</sup> July 2019, Time: 02.30 pm to 04.00 pm) at the Department of Archaeology University of Kerala, Kariavattom Campus, Thiruvananthapuram.

Department of Archaeology, University of Kerala in association with PAMA - Institute for the Advancement of Transdisciplinary Archaeological Sciences, Kerala organized a Special Lecture entitled "South Asia in the Atlantic: a Global Archaeology" by Dr. Mark W. Hauser, Associate Professor, Department of Anthropology Northwestern University, Evanston, Illinois, USA (Date: 27<sup>th</sup> August 2019, Time: 10.30 am to 12.30 pm) at the Department of Archaeology University of Kerala, Kariavattom Campus, Thiruvananthapuram.

### 11. Any other major achievement

#### Media Productions

Created a Video entitled Professor Ajit Kumar Felicitation Video by the Students, Department of Archaeology, University of Kerala

#### Student Activities, Journal Clubs etc.

**Beats of Past** – Students' Club

**Film Club** - Eyes Wide Shut

#### Journals Published by Dept (Vol, Issue, Month and Year) for each issue

Editors (Rajesh S.V., Abhayan G.S., Ajit Kumar and Preeta Nayar), international journal entitled Heritage: Journal of Multidisciplinary Studies in Archaeology (ISSN 2347 – 5463) published by the Department of Archaeology, University of Kerala, Thiruvananthapuram. (Vol. 7. 2019)

### C. CONTRIBUTION AT INDIVIDUAL LEVEL

#### Prof. Ajit Kumar

1. **JOURNAL PUBLICATIONS, give in standard citation style, (In case of Science/Applied Science, impact factor to be shown at end in brackets). This section is to be carefully edited to ensure research citation style.**

- Akinori Uesugi, C. S. Ambily, Ajit Kumar, S. V. Rajesh and G. S. Abhayan. 2019. A Study on the

- Ceramic Sequence in the Megalithic Culture of Kerala, *Man and Environment* XLIV (1): 21-32. (ISSN 0258-0446)
- Ajit Kumar. 2019. Petroglyphs of bulls at Ettukudukka near Payyanur, Dist. Kannur, Kerala: A Review in *ICON, Journal of Archaeology and Culture*, Vol.5. Delhi: B.R.Publishing Corporation, pp.27-32.
  - Ajit Kumar. 2019. Buddhism in Kerala a reappraisal of Buddha images, in *Bharati Bulletin* of the Department of Ancient Indian History Culture & Archaeology published by the Center of Advanced Studies, BHU, Varanasi pp.51-58.
  - Ajit Kumar. 2019. Ayyappa image from Sabarimala temple and mural paintings in Kerala in *KALA the journal of Indian Art History Congress*, Guwahati.
  - Ajit Kumar. 2019. Icons of Buddha Shasta and Ayyappa: Paradigms of Paradoxical identifications and Sectarian Association, in *Heritage the journal of Multidisciplinary studies in Archaeology VII*, Trivandrum: University of Kerala.
- 2. BOOK/JOURNAL EDITED**
- *The Archaeology of Burials: Examples from Indian Subcontinent Volumes 1&2* (2020) (Eds. Rajesh S. V., Abhayan G. S., **Ajit Kumar**, and Ehsan Rahmath Ilahi), New Bharatiya Book Corporation, New Delhi. (ISBN 978-81-8315-366-9).
  - Rajesh S.V., Abhayan G.S., **Ajit Kumar** and Preeta Nayar (Eds.). 2019. *Heritage: Journal of Multidisciplinary Studies in Archaeology. Vol. 7* (ISSN 2347 – 5463).
- 3. BOOK CHAPTERS**
- Aswani O.K, Ajit Kumar and Vinuraj B. 2019. An appraisal of megalithic religion, belief and practices with specific reference to Kerala in *Human and Heritage: An Archaeological Spectrum of Asiatic Countries* (Felicitation to Professor Ajit Kumar) Eds. Rajesh S.V, Abhayan G.S Preeta Nayar and Ehsan Ramhat Ilahi, pp.911-921. New Delhi: New Bharatiya Book Corporation. ISBN:978-81-8315-361-4.
  - Mohammed Muhaseen B.S. Ajit Kumar and Vinuraj B. 2019. Kerala's medieval Society and Trade as gleaned from literary works like Sandesha Kavyas, Achicharithams, and Ananthapuravarnam. *Human and Heritage: An Archaeological Spectrum of Asiatic Countries* (Felicitation to Professor Ajit Kumar) Eds. Rajesh S.V, Abhayan G.S Preeta Nayar and Ehsan Ramhat Ilahi, 404-413. New Delhi: New Bharatiya Book Corporation. ISBN:978-81-8315-361-4.
  - Vinuraj B, Ajit Kumar, Aswani O.K and Mohammed Muhaseen B.S. 2019. Royal titles epithets and Kingship: An Archaeological Analysis into the epigraphical records of Venad kings. *Human and Heritage: An Archaeological Spectrum of Asiatic Countries* (Felicitation to Professor Ajit Kumar) Eds. Rajesh S.V, Abhayan G.S Preeta Nayar and Ehsan Ramhat Ilahi. 170-183. New Delhi: New Bharatiya Book Corporation. ISBN:978-81-8315-361-4.
  - Ajit Kumar, Abhayan.G.S, Rajesh S.V and Akinori Uesugi. 2020. Megaliths in Kerala with Pictographs and Petroglyphs with specific reference to dolmens at Anakottapara in *The Archaeology of Burials: Examples from Indian Subcontinent*, Delhi: New Bharatiya Book Corporation, pp.154-161.
  - Ajit Kumar, Aswani O.K and Vinuraj. B. 2020. 'Evidence of animal sacrifices in Megalithic and Burial contexts with specific reference to India', in *The Archaeology of Burials: Examples from Indian Subcontinent*, Delhi: New Bharatiya Book Corporation, pp.464-472.
  - Ambily. C.S, Ajit Kumar, and Nazarudeen S. 2020. 'Excavation of a megalithic cist burial at Niramakulam, District. Pathanamthitta, Kerala', *The Archaeology of Burials: Examples from Indian Subcontinent*, Delhi: New Bharatiya Book Corporation, pp.524-535.
  - Ajit Kumar. 2019. Narratives of Hunting and Human-Animal conflicts as depicted in the Ayyappa panels with specific reference to Pundareekapuram temple in Kerala, in the *Proceeding of the Indian Art History Congress, XXVII Session 2018*, Ed.Preeta Nayar ISSN No.2454-8871. Pp.31-35
- 4. PRESENTATIONS IN CONFERENCES/ SEMINARS (Indicate Oral/Poster)**
- Oral Presentations**
- Dr.Ajit Kumar, Attended the National conference organized by the Manonmaniam Sundarnar Center for Dravidian Cultural Studies, University of Kerala, in the Tamil Department, on 28.1.2019 and presented a paper 'Tamil Literature and Inscription as source for Archaeological and Historical Studies with special reference to Kerala'.
  - Dr.Ajit Kumar, Attended the National Seminar on 'Rock Art of South India with Special Reference to Kerala' by IGNC in collaboration with Muziris Projects Ltd., Department of Tourism, Govt. of Kerala, Kodungallur, at Muziris International Research and Convention Centre (MRCC), Kodungallur, Thrissur district from 26th – 28th February, 2019 and presented a paper, 'A Reappraisal of Pictographs at Ezuthupara or Pathipara, Marayoor, Dist Idukki'
  - Dr.Ajit Kumar Chaired the IV Session, on day 2: 20/3/2019, of the 3 day International Seminar on Secularism, Democracy and Nation building: Nehru's vision and Philosophy, organized by the UGC-Nehru Studied Centre, Department of Political Science, University of Kerala.
  - Dr. Ajit Kumar, attended the UGC-SAP (DRS-II) National Seminar Inland and Maritime Trade in Peninsular India (from earliest times up to 16th century, jointly organized by Dept. of History, Pondicherry University and IGNC, Delhi on 11th and 12th April and presented a paper Medieval Maritime trade and Urbanization in Ancient Kerala, (9th -15th Cent.CE).

- Dr. Ajit Kumar, Attended the National Seminar on Rock Art Research in India, organized by the IGNC, New Delhi, from 2nd-4th May 2019 and presented a paper Rock art of Kerala: Concord and Contentions and also chaired the IVth Session
- Attended the Indian Art History Congress organized by the Panjabi University Patiala, from November 14th -16th 2019, Chaired and also presented a paper

#### 5. Participation in Workshop

- Attended the workshop for development and paper setting organized by the Ministry of Human resource and Development (GOI) established National Testing Agency (NTA) New Delhi from 11th to 15th March, 2019

#### 6. Special/Invited Lectures

- Dr. Ajit Kumar, was **invited by** the Center for Central Asian Studies, University of Kashmir, Srinagar to deliver a lecture on Megaliths of Kerala, as part of their Special lecture Series from 6th to 10th May.
- Delivered the prestigious H.D.Sankalia memorial lecture of the ISPQS, in the Joint Annual Conference organized at Trivandrum from 7<sup>th</sup> -9<sup>th</sup> Dec.

#### 7. SERVICE AS REVIEWER OF JOURNALS (List name of Journal & Publisher)

- Member of the editorial board of the journal ICON

#### 8. SERVED AS CHAIR/ MEMBER OF COMMITTEES/ BOARDS/COUNCILS /COMMISSIONS etc

- Attend the Screening Committee Meeting as a subject expert with regards to promotion of Dr. Cyriac Jose, Asst. Professor, Dept. of Archaeology, St. Thomas College, Pala on 28th March.
- Served as Director School of Social Sciences with effect from 13<sup>th</sup> Dec. 2017
- Executive committee member in the Indian Art History Congress, Guwahati.
- External evaluator of PhD works submitted in Thanjavur University, Madras University and Pondicherry University.
- Chairman, Board of Studies in Archaeology, University of Kerala
- Chairman, Doctoral Committee in Archaeology, University of Kerala
- Chairman, Departmental Council in Archaeology, University of Kerala
- Member, Academic Council, University of Kerala

#### 9. MISCELLANEOUS ACTIVITIES

- Participated in the archaeological excavation (10 days) of Juna Khatiya (Early Harappan Cemetery) in Lakhpat taluka, Kachchh District, Gujarat

#### Dr. Preeta Nayar

1. **JOURNAL PUBLICATIONS, give in standard citation style, (In case of Science/Applied Science, impact factor to be shown at end in brackets) This section is to be carefully edited to ensure research citation style.**

- **Preeta Nayar**, 2019-2020. Shakatabhanga and Shakatasuravadha sculptures of India; An Appraisal. *KALA*. Vol: XXV, 9-14. Guwahati: Indian art History Congress.

- Kumbodharan S. and **Preeta Nayar**, 2019. *Kiratarjuniyam: Diversity of Characters and Relevance of Nara-Narayana and Harihara in the Sculptural Depiction in Avittathoor Mahadeva Temple in Thrissur District, Kerala. Heritage: Journal of Multidisciplinary Studies in Archaeology*. Vol. 7. Department of Archaeology, University of Kerala.

#### 2. BOOK/JOURNAL EDITED

- Preeta Nayar (ed.). 2019. 'Proceedings of Indian Art History Congress'. 27<sup>th</sup> Session, Indian Art History Congress, Thiruvananthapuram.
- Rajesh, S.V, Abhayan, G.S, Ajit Kumar and **Preeta Nayar**. 2019. *Heritage: Journal of Multidisciplinary Studies in Archaeology*. Vol. 7. Department of Archaeology, University of Kerala.
- Rajesh, S.V, Abhayan, G.S, Preeta Nayar and Ehsan Rahmath Ilahi (eds.). 2019. *Human and Heritage: An Archaeological Spectrum of Asiatic Countries (Felicitation to Professor Ajit Kumar)*, Vol. 1 & 2. Department of Archeology, University of Kerala, Thiruvananthapuram.

#### 3. BOOK CHAPTERS

- Akhil K.N., **Preeta Nayar** and Kumbodharan S. 2019. Bronze Casting at Mannar in Alappuzha, Kerala - An Ethnographic Study. *Human and Heritage: An Archaeological Spectrum of Asiatic Countries*. Eds. Rajesh S. V., Abhayan G.S., Preeta Nayar and Ehsan Rahmath Ilahi. New Delhi: New Bharatiya Book Corporation.
- Arya P N. and **Preeta Nayar**, 2019. Temple Car of Kukulam Neelakanda Swami Temple of Tamil Nadu and its Sculptural Depictions. *Human and Heritage: An Archaeological Spectrum of Asiatic Countries*. Eds. Rajesh S. V., Abhayan G.S., Preeta Nayar and Ehsan Rahmath Ilahi. New Delhi: New Bharatiya Book Corporation.
- Anjana S Nair and **Preeta Nayar**, 2019. A Brief History of Incense and Incense Burners *Human and Heritage: An Archaeological Spectrum of Asiatic Countries*. Eds. Rajesh S. V., Abhayan G.S., Preeta Nayar and Ehsan Rahmath Ilahi. New Delhi: New Bharatiya Book Corporation.
- Kumbodharan S. and **Preeta Nayar** 2019. An Interesting form of Nataraja in the Wooden panel of Eranakulam Shiva Temple in Kerala. *Human and Heritage: An Archaeological Spectrum of Asiatic Countries*. Eds. Rajesh S. V., Abhayan G.S., Preeta Nayar and Ehsan Rahmath Ilahi. New Delhi: New Bharatiya Book Corporation.

#### 4. PRESENTATIONS IN CONFERENCES/ SEMINARS (Indicate Oral/Poster)

##### Oral Presentations

- **Preeta Nayar**, 2019 November. Celadon: A Cultural Bond in Indo-Chinese Maritime Relationship — Evidences from Ancient Malabar Coast, India. International symposium on Longquan of the

World: Longquan Celadon and Globalization organized by the Palace Museum, Zhejiang Provincial Museum and Longquan Museum, China at Longquan, China.

- Kumbodharan and **Preeta Nayar**, 2019 November. *Iconography of Vettakkorumakan- The lesser known son of Shiva*. International Joint Annual Conference of IAS, ISPQS and HCS organized by Department of Archaeology, University of Kerala at Kazhakkootam.

#### Resource Person in Workshop

- Main resource person in the National workshop on Iconography *Pratima lakshanam* conducted by State Department of Archaeology, Government of Kerala from 5<sup>th</sup> to 7<sup>th</sup> December 2019.

#### Participation in Workshop

- International Workshop on conservation of Cultural Heritage conducted by Department of Archaeology, University of Kerala, Department of Museology, MS University of Baroda, Oriental Research Institute and Manuscript Library, University of Kerala and Central Cultural Fund, Sri Lanka from 9<sup>th</sup> -15<sup>th</sup> December 2019 in the Department of Archaeology, University of Kerala, Kariavattom Campus, Thiruvananthapuram, Kerala.
- Workshop on Outcome based Education conducted by University of Kerala on 23<sup>th</sup> July 2019 at Department of Aquatic Biology and Fisheries, Kariavattom Campus, Thiruvananthapuram, Kerala.

#### 5. SERVED AS CHAIR/ MEMBER OF COMMITTEES/ BOARDS/COUNCILS/ COMMISSIONS etc

- Attend the Screening Committee Meeting as a subject expert with regards to promotion of Dr. Cyriac Jose, Asst. Professor, Dept. of Archaeology, St. Thomas College, Pala on 28<sup>th</sup> March.
- Executive Committee Member in the Indian Art History Congress, Guwahati.
- Member, Board of Studies in Archaeology, University of Kerala
- Member of Department Doctoral Committee, Department of Archaeology, University of Kerala

#### 6. MISCELLANEOUS ACTIVITIES

- Participated in the archaeological excavation (15 days) of Juna Khatiya (Early Harappan Cemetery) in Lakhpat taluka, Kachchh District, Gujarat

#### Dr. S.V. Rajesh

#### 1. JOURNAL PUBLICATIONS, give in standard citation style, (In case of Science/Applied Science, impact factor to be shown at end in brackets). This section is to be carefully edited to ensure research citation style.

- Kumbodharan S., **S.V. Rajesh**, Abhayan G. S. and Bhanuprakash Sharma. 2018 (Published in 2019). Medieval Terracotta Horse Figurines from Mundra Taluka, Kachchh District, Gujarat, India. *Journal of the Centre for Heritage Studies* 1: 229-240.

- Arya P. N., Ananthu V. Dev, **S.V. Rajesh** and Abhayan G. S. 2018 (Published in 2019). Chumaduthangi (Load Relieving Stones) of Thalappilly Taluk in Thrissur District, Kerala, India. *Pakistan Heritage* 10: 127-144.
- Akinori Uesugi, Ambily C. S., Ajit Kumar, **S.V. Rajesh** and Abhayan G. S. 2019. A Study on the Ceramic Sequence in the Megalithic Culture of Kerala. *Man and Environment* XLIV (1): 21-32. (ISSN 0258-0446).

#### 2. BOOK/JOURNAL EDITED

- **S.V. Rajesh**, Abhayan G.S., Ajit Kumar and Preeta Nayar (Eds.). 2019. *Heritage: Journal of Multidisciplinary Studies in Archaeology*. Vol. 7 (ISSN 2347 – 5463).
- Human and Heritage: An Archaeological Spectrum of Asiatic Countries (Felicitation to Professor Ajit Kumar). 2019. Editors: **S.V. Rajesh**, Abhayan G.S., Preeta Nayar and Ehsan Rahmath Ilahi. Volume – I and II. New Delhi: New Bharatiya Book Corporation. (ISBN: 978-81-8315-361-4).
- The Archaeology of Burials: Examples from Indian Subcontinent Volume – I and II (2020) (Editors: **Rajesh S. V.**, Abhayan G. S., Ajit Kumar, and Ehsan Rahmath Ilahi), Publisher: New Bharatiya Book Corporation, Delhi. (ISBN 978-81-8315-366-9).

#### 3. BOOK CHAPTERS

- Akinori Uesugi, Ambily C. S., Ajit Kumar, Abhayan G. S. and **S.V. Rajesh** 2019. Stone Beads from Megalithic Burial at Niramakulam, Kerala. *Human and Heritage: An Archaeological Spectrum of Asiatic Countries (Felicitation to Professor Ajit Kumar)*. Eds. Rajesh S. V., Abhayan G.S., Preeta Nayar and Ehsan Rahmath Ilahi. Vol. 1: 1-22. New Delhi: New Bharatiya Book Corporation.
- Soorya P., **S.V. Rajesh**, Abhayan G. S., Subhash Bhandari and Bhanu Prakash Sharma. 2019. Shells and Shell Objects from Moti Chher in Lakhpat Taluka, Kachchh District, Gujarat. *Human and Heritage: An Archaeological Spectrum of Asiatic Countries (Felicitation to Professor Ajit Kumar)*. Eds. Rajesh S. V., Abhayan G.S., Preeta Nayar and Ehsan Rahmath Ilahi. Vol. 1: 124-145. New Delhi: New Bharatiya Book Corporation.
- Sandra M. S., **S.V. Rajesh**, Abhayan G. S., Sheena V. R. and Renjeshlal S. R. 2019. Megalithic Vestiges in Udumbanchola Taluk, Idukki District, Kerala. *Human and Heritage: An Archaeological Spectrum of Asiatic Countries (Felicitation to Professor Ajit Kumar)*. Eds. Rajesh S. V., Abhayan G.S., Preeta Nayar and Ehsan Rahmath Ilahi. Vol. 1: 196-223. New Delhi: New Bharatiya Book Corporation.
- Ehsan Rahmath Ilahi, **S.V. Rajesh** and Abhayan G. S. 2019. Indus Graffiti from Gujarat. *Human and Heritage: An Archaeological Spectrum of Asiatic Countries (Felicitation to Professor Ajit Kumar)*. Eds. Rajesh S. V., Abhayan G.S., Preeta Nayar and Ehsan Rahmath Ilahi. Vol. 1: 257-269. New Delhi: New Bharatiya Book Corporation.

- Ananthu V. Dev, **S.V. Rajesh**, Ajit Kumar and Abhayan G. S. 2019. Terracotta Roof Tiles from Vizhinjam, Kerala. *Human and Heritage: An Archaeological Spectrum of Asiatic Countries (Felicitation to Professor Ajit Kumar)*. Eds. Rajesh S. V., Abhayan G.S., Preeta Nayar and Ehsan Rahmath Ilahi. Vol. 1: 328-340. New Delhi: New Bharatiya Book Corporation.
- Arun Kumar K. S., **S.V. Rajesh** and Abhayan G. S. 2019. Glazed Ceramics and Indicators of Glazed Ceramic Production from Lashkarshah, Khambhat, Gujarat. *Human and Heritage: An Archaeological Spectrum of Asiatic Countries (Felicitation to Professor Ajit Kumar)*. Eds. Rajesh S. V., Abhayan G.S., Preeta Nayar and Ehsan Rahmath Ilahi. Vol. 1: 443-462. New Delhi: New Bharatiya Book Corporation.
- Ajith M., Abhayan G. S., **S.V. Rajesh** and Shad Matthias Gobinsingh. 2019. Analysis of Faunal Remains from Navinal, Gujarat. *Human and Heritage: An Archaeological Spectrum of Asiatic Countries (Felicitation to Professor Ajit Kumar)*. Eds. Rajesh S. V., Abhayan G.S., Preeta Nayar and Ehsan Rahmath Ilahi. Vol. 2: 525-540. New Delhi: New Bharatiya Book Corporation.
- Muhammed Fasal K., **S.V. Rajesh**, Abhayan G. S., Sheena V. R. and Renjeshlal S. R. 2019. Archaeological Monuments in Ponnani Taluk, Kerala: An Overview. *Human and Heritage: An Archaeological Spectrum of Asiatic Countries (Felicitation to Professor Ajit Kumar)*. Eds. Rajesh S. V., Abhayan G.S., Preeta Nayar and Ehsan Rahmath Ilahi. Vol. 2: 717-745. New Delhi: New Bharatiya Book Corporation.
- Reni P. Joseph, Abhayan G. S., **S.V. Rajesh**, Sheena V. R. and Renjeshlal S. R. 2019. Mural Legacy of St. Mary's Church at Kalloorkkad, Alappuzha, Kerala. *Human and Heritage: An Archaeological Spectrum of Asiatic Countries (Felicitation to Professor Ajit Kumar)*. Eds. Rajesh S. V., Abhayan G.S., Preeta Nayar and Ehsan Rahmath Ilahi. Vol. 2: 809-828. New Delhi: New Bharatiya Book Corporation.
- Renjinimol M. N., **S.V. Rajesh**, Abhayan G. S., Sheena V. R. and Renjeshlal S. R. 2019. Archaeology of Kottayam Taluk, Kerala. *Human and Heritage: An Archaeological Spectrum of Asiatic Countries (Felicitation to Professor Ajit Kumar)*. Eds. Rajesh S. V., Abhayan G.S., Preeta Nayar and Ehsan Rahmath Ilahi. Vol. 2: 833-853. New Delhi: New Bharatiya Book Corporation.
- Abhayan G. S., Rajesh S. V., Ajit Kumar, Ramya C. P., Muhammed Fasal K., Ananthu V. Dev, Haseen Raja R., Kumbhodaran S., Vinuraj B. and Mohammed Muhaseen B. S. 2020. Salvage Archaeological Operations of Megalithic Burial Urn at Nannangadikkunnu, Palakkad District, Kerala. *The Archaeology of Burials: Examples from Indian Subcontinent*. Eds. Rajesh S. V., Abhayan G. S., Ajit Kumar and Ehsan Rahmath Ilahi. Vol.1: 86-103. New Delhi: New Bharatiya Book Corporation.
- Durga Kale, Reni P. Joseph, Arya P. N., Renjinimol M. N., Soorya P., Het Joshi, Rajesh S. V., Abhayan G. S., Bhanu Prakash Sharma, and Vrushab Mahesh. 2020. Preliminary Report on Paliya in Kachchh District, Gujarat with Special Reference to Mandvi Taluka. *The Archaeology of Burials: Examples from Indian Subcontinent*. Eds. Rajesh S. V., Abhayan G. S., Ajit Kumar and Ehsan Rahmath Ilahi. Vol.1: 135-143. New Delhi: New Bharatiya Book Corporation.
- Ajit Kumar, Abhayan G. S., Rajesh S. V. and Akinori Uesugi. 2020. Megaliths in Kerala with Pictographs and Petroglyphs with Specific Reference to Dolmens at Anakottappara. *The Archaeology of Burials: Examples from Indian Subcontinent*. Eds. Rajesh S. V., Abhayan G. S., Ajit Kumar and Ehsan Rahmath Ilahi. Vol.1: 154-161. New Delhi: New Bharatiya Book Corporation.
- Kumbhodaran S., Rajesh S. V., and Abhayan G. S. 2020. A Preliminary Survey of the Iron Age Burials in Thiruvananthapuram District, Kerala with Special Reference to Nellanad Village. *The Archaeology of Burials: Examples from Indian Subcontinent*. Eds. Rajesh S. V., Abhayan G. S., Ajit Kumar and Ehsan Rahmath Ilahi. Vol.1: 218-234. New Delhi: New Bharatiya Book Corporation.
- Akinori Uesugi, Ajit Kumar, Abhayan G. S., Rajesh S. V. and Yasuji Shimizu. 2020. Excavations of Rock Cut Burials at Kuttikol, Kerala. *The Archaeology of Burials: Examples from Indian Subcontinent*. Eds. Rajesh S. V., Abhayan G. S., Ajit Kumar and Ehsan Rahmath Ilahi. Vol.2: 396-418. New Delhi: New Bharatiya Book Corporation.
- Arya P. N., Reni P. Joseph, Renjinimol M. N., Het Joshi, Rajesh S. V., Abhayan G. S., Durga Kale and Vrushab Mahesh. 2020. Paliya of Mundra Taluka, Kachchh District, Gujarat: A Preliminary Study. *The Archaeology of Burials: Examples from Indian Subcontinent*. Eds. Rajesh S. V., Abhayan G. S., Ajit Kumar and Ehsan Rahmath Ilahi. Vol.2: 481-523. New Delhi: New Bharatiya Book Corporation.
- Muhammed Fasal K., Soorya P., Rajesh S. V. and Abhayan G. S. 2020. A Glance into the Megalithic Monuments in Ponnani Taluk, Malappuram District, Kerala. *The Archaeology of Burials: Examples from Indian Subcontinent*. Eds. Rajesh S. V., Abhayan G. S., Ajit Kumar and Ehsan Rahmath Ilahi. Vol.2: 571-589. New Delhi: New Bharatiya Book Corporation.
- Vinuraj B., Ajit Kumar, Rajesh S. V., Abhayan G. S., Roshna C. R. and Kumbhodaran S. 2020. The Megalithic Burial Monuments in Kollam: A Preliminary Study. *The Archaeology of Burials: Examples from Indian Subcontinent*. Eds. Rajesh S. V., Abhayan G. S., Ajit Kumar and Ehsan Rahmath Ilahi. Vol.2: 639-646. New Delhi: New Bharatiya Book Corporation.
- M. S. Sujanal, Rajesh S. V. and Abhayan G. S. 2020. Preliminary Survey of Megaliths in Kasaragod District, Kerala. *The Archaeology of Burials: Examples from Indian Subcontinent*. Eds. Rajesh S. V., Abhayan G. S., Ajit Kumar and Ehsan



Rahmath Ilahi. Vol.2: 647-659. New Delhi: New Bharatiya Book Corporation.

#### 4. **Popular Articles**

- Article on 'Archaeology'. 2019. (Abhayan G.S., **Rajesh S.V.** and Ajit Kumar) in *Sarvavijnanakosam*-State Institute of Encyclopedic Publications, Government of Kerala (in Malayalam language).
- Article on 'Flinders Petrie'. 2019. (Abhayan G.S. and **Rajesh S.V.**) in *Sarvavijnanakosam*-State Institute of Encyclopedic Publications, Government of Kerala (in Malayalam language).
- Article on 'Stuart Piggot'. 2019. (Abhayan G.S. and **Rajesh S.V.**) in *Sarvavijnanakosam*-State Institute of Encyclopedic Publications, Government of Kerala (in Malayalam language).

#### 5. **PRESENTATIONS IN CONFERENCES/ SEMINARS (Indicate Oral/Poster)**

##### Oral Presentations

- Presented a paper entitled **Animal Remains from Harappan Context at Navinal, Gujarat.** (jointly with Ajith M. and Abhayan G. S.) in the International Joint Annual Conference of IAS, ISPQS and HCS at Thiruvananthapuram from 7-10 November 2019.
- Presented a paper entitled **Megalithic Remains in Kottarakkara and Pathanapuram Taluks in Kollam District, Kerala** (jointly with Arun Kumar K. S. and Abhayan G. S.) in the International Joint Annual Conference of IAS, ISPQS and HCS at Thiruvananthapuram from 7-10 November 2019.
- Presented a paper entitled **Typological Analysis of Megalithic Monuments in Thrissur District, Kerala** (jointly with Arya P. N., Ananthu V. Dev and Abhayan G. S.) in the International Joint Annual Conference of IAS, ISPQS and HCS at Thiruvananthapuram from 7-10 November 2019.
- Presented a paper entitled **An Analysis of the Indus Letters Found from Harappan Sites in Gujarat** (jointly with Ehsan Rahmath Ilahi and Abhayan G.S.) in the International Joint Annual Conference of IAS, ISPQS and HCS at Thiruvananthapuram from 7-10 November 2019.
- Presented a paper entitled **Shell Beads from Bhali Bhai no Timbo, A Chalcolithic Site in Kunwar Village, Patan District, Gujarat** (jointly with Muhammed Fasal K., Ananthu V. Dev and Abhayan G. S.) in the International Joint Annual Conference of IAS, ISPQS and HCS at Thiruvananthapuram from 7-10 November 2019.
- Presented a paper entitled **Remains of Late Medieval Trade from Northern Kerala, India** (jointly with Reni P. Joseph, M. S. Sujanjpal and Abhayan G. S.) in the International Joint Annual Conference of IAS, ISPQS and HCS at Thiruvananthapuram from 7-10 November 2019.
- Presented a paper entitled **Megalithic Remnants in the Museum Collection of P. S. M. O. College, Malappuram District, Kerala** (jointly with Soorya P., Abdul Razak P. P., Saleena M., Abdul Rasheed K., Saravanan R., and Abhayan G. S.) in the International Joint Annual Conference of IAS,

ISPQS and HCS at Thiruvananthapuram from 7-10 November 2019.

- Presented a paper titled '**Harappan Burials in Gujarat with Special Reference to Juna Khatiya**' in the *Three Day National Seminar on 'New Perspectives in South Indian Field Archaeology Studies'* organised by Sri C. Achutha Menon Govt College, Kuttanellur, Thrissur on 28<sup>th</sup> November 2019.

- Presented a paper entitled **Archaeological Excavations at Juna Khatiya (2018-2019): An Early Harappan Cemetery in Kachchh District, Gujarat, Western India** in the 48<sup>th</sup> International Annual Conference on South Asia at Madison – Wisconsin, USA from 17-20 October, 2019.

#### 6. **Resource Person in Workshop**

- Acted as Resource Person on the topic '**Documentation of Material Culture: A Glance into Indus Civilization**' in the Five Day National Workshop on 'Documentation of Dravidian Cultural Heritage Conservation Process and Digital Technology' organised by Manonmaniam Sundaranar Centre for Dravidian Cultural Studies, Department of Tamil, University of Kerala during 02-06 December 2019.
- Acted as Resource Person on the topic "**Ceramic Traditions of Indus Age**" in the workshop on Archaeological Ceramic Studies – 2019 organized by the Department of Maritime History and Marine Archaeology, Tamil University, Thanjavur during 24-26, September 2019.
- Acted as Resource Person on the topic '**An Introduction to Archaeological Methods and Practices**' in the workshop on Historical Ecology: A Concise Study on Pamba River Basin on 26-07-2019 organized by the Department of History, St. Thomas College, Kozhencherry and Pampa Parirakshana Samithy, Poovathoor, Thiruvalla at Kozhencherry, Kerala.
- Acted as Resource Person on the topic '**Recent Researches in Harappan Archaeology of Gujarat**' in the workshop on 'Archaeological Resources in the Reconstruction of Ancient History of Tamil Nadu and the Application of Recent Technologies in Archaeological Studies' organised by School of History and Tourism Studies, Tamil Nadu Open University, Saidapet, Chennai with the financial support of Indian Council of Historical Research on 27<sup>th</sup> June 2019.

#### 7. **Participation in Workshop**

- Participated in the one-day workshop on **Outcome Based Education** organized by the University of Kerala at the Aquatic Biology Hall, Department of Aquatic Biology and Fisheries, University of Kerala, Kariavattom held on 23-07-2019.
- Participated in two-day international workshop entitled "**Rice Workshop 2019**" from March 20-21, 2019 jointly organised by the Institute of Archaeology, UCL, London and The Maharaja Sayajirao University of Baroda at Vadodara.

## 8. Special/Invited Lectures

- Delivered Two Special Lectures (28-09-2019) on “**Archaeological Methods: An Introduction**” and “**Cultures and Traditions of Indus Age**” in the Higher Secondary School Teacher Transformation Programme (10 day Refresher Course) organized by the Department of General Education Higher Secondary Wing in Association with Higher Education Department at Government Arts College, Meenchantha, Kozhikode during 26-09-2019 to 06-09-2019.
- Delivered Special Lecture (26-03-2019) on “**Prehistory of Kerala**” to the Diploma students of Keralam Museum of History and Heritage, Government of Kerala, Palayam, Thiruvananthapuram.

## 9. SERVICE AS REVIEWER OF JOURNALS (List name of Journal & Publisher)

- Acting as reviewer of the Journal Archaeological Research in Asia, Elsevier
- Acting as reviewer of the Journal of Social Sciences – Sri Lanka (JSS), University of Kelaniya, Sri Lanka
- Acting as reviewer of the Journal of Archaeological Science, Elsevier
- Acting as reviewer of the Journal Sodh Patrika, J. R. N. Rajasthan Vidyapeeth, Udaipur
- Acting as reviewer of the Journal Sage Open, Sage Publishing.
- Acting as reviewer of Ancient Pakistan, Research Journal of the Department of Archaeology, University of Peshawar, Khyber Pakhtunkhwa, Peshawar, Pakistan.
- Acting as reviewer of Journal of Asian Civilizations, International Research Journal of the Taxila Institute of Asian Civilizations, Quaid-I-Azam University, Islamabad, Pakistan.
- Acting as reviewer of Pakistan Heritage, International Research Journal of the Department of Archaeology, Hazara University, Mansehra-Pakistan.

## 10. SERVED AS CHAIR/ MEMBER OF COMMITTEES/ BOARDS/COUNCILS /COMMISSIONS etc

- Acting as Executive Council Member of Indian Archaeological Society (IAS), New Delhi (2019 Onwards).
- Acting as member of the committee on “Student Support and Progression” of the NAAC Directorate of University of Kerala, Thiruvananthapuram (2019 Onwards).
- Warden of University Hostel for Men/Additional Men’s Hostel and Teacher’s Hostel (2018 Onwards).
- Acting as member of Board of Examiners (PhD Evaluation), Department of Archaeology, Shah Abdul Latif University Khairpur, Sindh, Pakistan (2018 Onwards).
- Member, Board of Examiners in Post Graduate Degree in Anthropology, University of Kannur (2018 Onwards).

- Acting as member of Executive Council of the Kerala Council for Historic Research, Nalanda, Thiruvananthapuram, Kerala (2015 Onwards).
- Acting as member of PG Board of Studies, Department of Archaeology, University of Kerala, Thiruvananthapuram (2012 Onwards).
- Acting as Course Co-ordinator, Department of Archaeology, University of Kerala, Thiruvananthapuram (2012 Onwards).
- Member of Department Doctoral Committee, Department of Archaeology, University of Kerala (2012 Onwards).

## 11. MISCELLANEOUS ACTIVITIES

- Directed the archaeological excavation (17.01.2019 to 17.03.2019) of Juna Khatiya (Early Harappan Cemetery) in Lakhpat taluka, Kachchh District, Gujarat.
- Co-directed the archaeological excavation (03.05.2019 to 19.05.2019) of Enadimangalam (Megalithic Site) in Adoor taluka, Pathanamthitta District, Kerala.

## Dr. Abhayan G. S.

### 1. JOURNAL PUBLICATIONS, give in standard citation style, (In case of Science/Applied Science, impact factor to be shown at end in brackets). This section is to be carefully edited to ensure research citation style.

- Uesugi, Akinori, C. S. Ambily, Ajit Kumar, S. V. Rajesh and **G. S. Abhayan** 2019. A Study on the Ceramic Sequence in the Megalithic Culture of Kerala, *Man and Environment* XLIV (1): 21-32. (ISSN 0258-0446)
- Kumbodharan, S., Rajesh S. V., **Abhayan G. S.** and Bhanu Prakash Sharma 2018 (published in 2019). Medieval Terracotta Horse Figurines from Mundra Taluka, Kachchh District, Gujarat, India, *Journal of the Centre for Heritage Studies* 1: 229-240. (ISSN 2682-7115)
- Arya, P. N., Ananthu V. Dev, Rajesh S. V. and **Abhayan G. S.** 2018 (Published in 2019). Chumaduthangi (Load Relieving Stones) of Thalappilly Taluk in Thrissur District, Kerala, India. *Pakistan Heritage* 10: 127-144.

### 2. BOOK/JOURNAL EDITED

- *The Archaeology of Burials: Examples from Indian Subcontinent Volumes 1&2* (2020) (Eds. Rajesh S. V., **Abhayan G. S.**, Ajit Kumar, and Ehsan Rahmath Ilahi), New Bharatiya Book Corporation, New Delhi. (ISBN 978-81-8315-366-9)
- *Human and Heritage: An Archaeological Spectrum of Asiatic Countries Volumes 1&2 (Felicitation to Professor Ajit Kumar)*. (2019) (Eds. Rajesh S. V., **Abhayan G.S.**, Preeta Nayar and Ehsan Rahmath Ilahi), New Bharatiya Book Corporation, New Delhi. (ISBN: 978-81-8315-361-4).
- Rajesh S.V., **Abhayan G.S.**, Ajit Kumar and Preeta Nayar (Eds.). 2019. *Heritage: Journal of Multidisciplinary Studies in Archaeology. Vol. 7* (ISSN 2347 – 5463).

### 3. BOOK CHAPTERS

- **Abhayan G. S.**, Rajesh S. V., Ajit Kumar, Ramya C. P., Muhammed Fasal K., Ananthu V. Dev, Haseen Raja R., Kumbhodaran S., Vinuraj B. and Mohammed Muhaseen B. S. 2020. Salvage Archaeological Operations of Megalithic Burial Urn at Nannangadikkunnu, Palakkad District, Kerala, In *The Archaeology of Burials: Examples from Indian Subcontinent Volume – I* (Eds. Rajesh S. V., Abhayan G. S., Ajit Kumar, and Ehsan Rahmath Ilahi), pp. 86-103. New Delhi: New Bharatiya Book Corporation. (ISBN 978-81-8315-366-9)
- Kale, Durga, Reni P. Joseph, Arya P. N., Renjinimol M. N., Soorya P., Het Joshi, Rajesh S. V., **Abhayan G. S.**, Bhanu Prakash Sharma, and Vrushab Mahesh. 2020. Preliminary Report on Paliya in Kachchh District, Gujarat with Special Reference to Mandvi Taluka. In *The Archaeology of Burials: Examples from Indian Subcontinent Volume – I* (Eds. Rajesh S. V., Abhayan G. S., Ajit Kumar, and Ehsan Rahmath Ilahi), pp. 135-143. New Delhi: New Bharatiya Book Corporation. (ISBN 978-81-8315-366-9)
- Kumar, Ajit, **Abhayan G. S.**, Rajesh S. V. and Akinori Uesugi 2020. Megaliths in Kerala with Pictographs and Petroglyphs with Specific Reference to Dolmens at Anakottappara. In *The Archaeology of Burials: Examples from Indian Subcontinent Volume – I* (Eds. Rajesh S. V., Abhayan G. S., Ajit Kumar, and Ehsan Rahmath Ilahi), pp. 154-161. New Delhi: New Bharatiya Book Corporation. (ISBN 978-81-8315-366-9)
- Kumbhodaran, S., Rajesh S. V., and **Abhayan G. S.** 2020. A Preliminary Survey of the Iron Age Burials in Thiruvananthapuram District, Kerala with Special Reference to Nellanad Village. In *The Archaeology of Burials: Examples from Indian Subcontinent Volume – I* (Eds. Rajesh S. V., Abhayan G. S., Ajit Kumar, and Ehsan Rahmath Ilahi), pp. 218-234. New Delhi: New Bharatiya Book Corporation. (ISBN 978-81-8315-366-9)
- Uesugi, Akinori, Ajit Kumar, **Abhayan G. S.**, Rajesh S. V. and Yasuji Shimizu. 2020. Excavations of Rock Cut Burials at Kuttikol, Kerala. In *The Archaeology of Burials: Examples from Indian Subcontinent Volume – II* (Eds. Rajesh S. V., Abhayan G. S., Ajit Kumar, and Ehsan Rahmath Ilahi), pp. 396-418. New Delhi: New Bharatiya Book Corporation. (ISBN 978-81-8315-366-9)
- Arya, P. N., Reni P. Joseph, Renjinimol M. N., Het Joshi, Rajesh S. V., **Abhayan G. S.**, Durga Kale and Vrushab Mahesh. 2020. Paliya of Mundra Taluka, Kachchh District, Gujarat: A Preliminary Study. In *The Archaeology of Burials: Examples from Indian Subcontinent Volume – II* (Eds. Rajesh S. V., Abhayan G. S., Ajit Kumar, and Ehsan Rahmath Ilahi), pp. 481-523. New Delhi: New Bharatiya Book Corporation. (ISBN 978-81-8315-366-9)
- Fasal K. Muhammed, Soorya P., Rajesh S. V. and **Abhayan G. S.** 2020. A Glance into the Megalithic Monuments in Ponnani Taluk, Malappuram District, Kerala. In *The Archaeology of Burials: Examples from Indian Subcontinent Volume – II* (Eds. Rajesh S. V., Abhayan G. S., Ajit Kumar, and Ehsan Rahmath Ilahi), pp. 571-589. New Delhi: New Bharatiya Book Corporation. (ISBN 978-81-8315-366-9)
- Vinuraj, B., Ajit Kumar, Rajesh S. V., **Abhayan G. S.**, Roshna C. R. and Kumbhodaran S. 2020. The Megalithic Burial Monuments in Kollam: A Preliminary Study. In *The Archaeology of Burials: Examples from Indian Subcontinent Volume – II* (Eds. Rajesh S. V., Abhayan G. S., Ajit Kumar, and Ehsan Rahmath Ilahi), pp. 639-646. New Delhi: New Bharatiya Book Corporation. (ISBN 978-81-8315-366-9)
- Sujjanpal, M. S., Rajesh S. V. and **Abhayan G. S.** 2020. Preliminary Survey of Megaliths in Kasaragod District, Kerala. In *The Archaeology of Burials: Examples from Indian Subcontinent Volume – II* (Eds. Rajesh S. V., Abhayan G. S., Ajit Kumar, and Ehsan Rahmath Ilahi), pp. 647-659. New Delhi: New Bharatiya Book Corporation. (ISBN 978-81-8315-366-9)
- Uesugi, Akinori, Ambily C. S., Ajit Kumar, **Abhayan G. S.** and Rajesh S. V. 2019. Stone Beads from Megalithic Burial at Niramakulam, Kerala. In *Human and Heritage: An Archaeological Spectrum of Asiatic Countries (Felicitation to Professor Ajit Kumar)* Vol. 1 (Eds. Rajesh S. V., Abhayan G.S., Preeta Nayar and Ehsan Rahmath Ilahi), pp. 1-22. New Delhi: New Bharatiya Book Corporation. (ISBN: 978-81-8315-361-4).
- Soorya, P., Rajesh S. V., **Abhayan G. S.**, Subhash Bhandari and Bhanu Prakash Sharma. 2019. Shells and Shell Objects from Moti Chher in Lakhpat Taluka, Kachchh District, Gujarat. In *Human and Heritage: An Archaeological Spectrum of Asiatic Countries (Felicitation to Professor Ajit Kumar)* Vol. I (Eds. Rajesh S. V., Abhayan G.S., Preeta Nayar and Ehsan Rahmath Ilahi), pp. 124-145. New Delhi: New Bharatiya Book Corporation. (ISBN: 978-81-8315-361-4).
- Sandra, M. S., Rajesh S. V., **Abhayan G. S.**, Sheena V. R. and Renjeshlal S. R. 2019. Megalithic Vestiges in Udumbanchola Taluk, Idukki District, Kerala. In *Human and Heritage: An Archaeological Spectrum of Asiatic Countries (Felicitation to Professor Ajit Kumar)* Vol. I (Eds. Rajesh S. V., Abhayan G.S., Preeta Nayar and Ehsan Rahmath Ilahi), pp. 196-223. New Delhi: New Bharatiya Book Corporation. (ISBN: 978-81-8315-361-4).
- Ilahi, Ehsan Rahmath, Rajesh S. V. and **Abhayan G. S.** 2019. Indus Graffiti from Gujarat. In *Human and Heritage: An Archaeological Spectrum of Asiatic Countries (Felicitation to Professor Ajit Kumar)* Vol. I (Eds. Rajesh S. V., Abhayan G.S., Preeta Nayar and Ehsan Rahmath Ilahi), pp. 257-269. New Delhi: New Bharatiya Book Corporation. (ISBN: 978-81-8315-361-4).
- Dev, Ananthu V., Rajesh S. V., Ajit Kmar and **Abhayan G. S.** 2019. Terracotta Roof Tiles from Vizhinjam, Kerala. In *Human and Heritage: An*

*Archaeological Spectrum of Asiatic Countries (Felicitation to Professor Ajit Kumar)* Vol. I (Eds. Rajesh S. V., Abhayam G.S., Preeta Nayar and Ehsan Rahmath Ilahi), pp. 328-340. New Delhi: New Bharatiya Book Corporation. (ISBN: 978-81-8315-361-4).

- Kumar, K. S. Arun, Rajesh S. V. and **Abhayam G. S.** 2019. Glazed Ceramics and Indicators of Glazed Ceramic Production from Lashkarshah, Khambhat, Gujarat. In *Human and Heritage: An Archaeological Spectrum of Asiatic Countries (Felicitation to Professor Ajit Kumar)* Vol. I (Eds. Rajesh S. V., Abhayam G.S., Preeta Nayar and Ehsan Rahmath Ilahi), pp. 443-462. New Delhi: New Bharatiya Book Corporation. (ISBN: 978-81-8315-361-4).
- Ajith, M., **Abhayam G. S.**, Rajesh S. V. and Shad Matthias Gobinsingh. 2019. Analysis of Faunal Remains from Navinal, Gujarat. In *Human and Heritage: An Archaeological Spectrum of Asiatic Countries (Felicitation to Professor Ajit Kumar)* Vol. II (Eds. Rajesh S. V., Abhayam G.S., Preeta Nayar and Ehsan Rahmath Ilahi), pp. 525-540. New Delhi: New Bharatiya Book Corporation. (ISBN: 978-81-8315-361-4).
- Fasalu, K. Muhammed, Rajesh S. V., **Abhayam G. S.**, Sheena V. R. and Renjeshlal S. R. 2019. Archaeological Monuments in Ponnani Taluk, Kerala: An Overview. In *Human and Heritage: An Archaeological Spectrum of Asiatic Countries (Felicitation to Professor Ajit Kumar)* Vol. II (Eds. Rajesh S. V., Abhayam G.S., Preeta Nayar and Ehsan Rahmath Ilahi), pp. 717-745. New Delhi: New Bharatiya Book Corporation. (ISBN: 978-81-8315-361-4).
- Joseph, Reni P., **Abhayam G. S.**, Rajesh S. V., Sheena V. R. and Renjeshlal S. R. 2019. Mural Legacy of St. Mary's Church at Kalloorkkad, Alappuzha, Kerala. In *Human and Heritage: An Archaeological Spectrum of Asiatic Countries (Felicitation to Professor Ajit Kumar)* Vol. II (Eds. Rajesh S. V., Abhayam G.S., Preeta Nayar and Ehsan Rahmath Ilahi), pp. 809-828. New Delhi: New Bharatiya Book Corporation. (ISBN: 978-81-8315-361-4).
- Renjinimol, M. N., Rajesh S. V., **Abhayam G. S.**, Sheena V. R. and Renjeshlal S. R. 2019. Archaeology of Kottayam Taluk, Kerala. In *Human and Heritage: An Archaeological Spectrum of Asiatic Countries (Felicitation to Professor Ajit Kumar)* Vol. II (Eds. Rajesh S. V., Abhayam G.S., Preeta Nayar and Ehsan Rahmath Ilahi), pp. 833-853. New Delhi: New Bharatiya Book Corporation. (ISBN: 978-81-8315-361-4).

#### **Popular Articles**

- Article on 'Archaeology'. 2019. (**Abhayam G.S.**, Rajesh S.V. and Ajit Kumar) in *Sarvavijnanakosam*-State Institute of Encyclopedic Publications, Government of Kerala (in Malayalam language).
- Article on 'Flinders Petrie'. 2019. (**Abhayam G.S.** and Rajesh S.V.) in *Sarvavijnanakosam*-State Institute of Encyclopedic Publications, Government of Kerala (in Malayalam language).

- Article on 'Stuart Piggot'. 2019. (**Abhayam G.S.** and Rajesh S.V.) in *Sarvavijnanakosam*-State Institute of Encyclopedic Publications, Government of Kerala (in Malayalam language).

#### **4. PRESENTATIONS IN CONFERENCES/ SEMINARS (Indicate Oral/Poster)**

##### **Oral Presentations**

- Presented a paper titled '**Iron Age/Megalithic Culture: Perspectives from Enadimangalam (Pathanamthitta)**' in the *Three Day National Seminar on 'New Perspectives* in South Indian Field Archaeology Studies' organised by Sri C. Achutha Menon Govt College, Kuttanellur, Thrissur on 28<sup>th</sup> November 2019.
- Presented a paper entitled '**Animal Remains from Harappan Context at Navinal, Gujarat**' (Ajith M., Abhayam G. S. and Rajesh S. V.) in the International Joint Annual Conference of IAS, ISPQS and HCS at Thiruvananthapuram from 7-10 November 2019.
- Presented a paper entitled '**Megalithic Remains in Kottarakkara and Pathanapuram Taluks in Kollam District, Kerala**' (Arun Kumar K. S., Abhayam G. S. and Rajesh S. V.) in the International Joint Annual Conference of IAS, ISPQS and HCS at Thiruvananthapuram from 7-10 November 2019.
- Presented a paper entitled '**Typological Analysis of Megalithic Monuments in Thrissur District, Kerala**' (Arya P. N., Ananthu V. Dev, Rajesh S. V. and Abhayam G. S.) in the International Joint Annual Conference of IAS, ISPQS and HCS at Thiruvananthapuram from 7-10 November 2019.
- Presented a paper entitled '**An Analysis of the Indus Letters Found from Harappan Sites in Gujarat**' (Ehsan Rahmath Ilahi, Rajesh S. V. and Abhayam G.S.) in the International Joint Annual Conference of IAS, ISPQS and HCS at Thiruvananthapuram from 7-10 November 2019.
- Presented a paper entitled '**Shell Beads from Bhali Bhai no Timbo, A Chalcolithic Site in Kunwar Village, Patan District, Gujarat**' (Muhammed Fasalu K., Ananthu V. Dev, Rajesh S. V. and Abhayam G. S.) in the International Joint Annual Conference of IAS, ISPQS and HCS at Thiruvananthapuram from 7-10 November 2019.
- Presented a paper entitled '**Remains of Late Medieval Trade from Northern Kerala, India**' (Reni P. Joseph, M. S. Sujanal, Rajesh S. V. and Abhayam G. S.) in the International Joint Annual Conference of IAS, ISPQS and HCS at Thiruvananthapuram from 7-10 November 2019.
- Presented a paper entitled '**Megalithic Remnants in the Museum Collection of P. S. M. O. College, Malappuram District, Kerala**' (Soorya P., Abdul Razak P. P., Saleena M., Abdul Rasheed K., Saravanan R., Abhayam G. S. and Rajesh S. V.) in the International Joint Annual Conference of IAS, ISPQS and HCS at Thiruvananthapuram from 7-10 November 2019.
- Presented a paper titled '**Role of Fish in the Food Economy of Harappans in Gujarat, India**'

in the 'Annual Conference on South Asia 2019' organised by University of Wisconsin – Madison, USA during 17-20 October 2019.

#### 5. Resource Person in Workshop

- Acted as Resource Person on the topic '**Zooarchaeology: Human-Animal Sphere in Archaeology**' in the regional workshop on 'Historical Ecology: A Concise Study on Pamba River Basin' at St. Thomas College, Kozhencherry, Kerala organised by Department of History, St. Thomas College, Kozhencherry in association with Pamba Parirakshna Samithi, Poovathoor, Thiruvalla on 26<sup>th</sup> July 2019.
  - Acted as Resource Person on the topic '**Ichthyoarchaeology: A Promising Tool for Understanding the Fish Utilization during the Harappan Period in Gujarat**' in the workshop on 'Archaeological Resources in the Reconstruction of Ancient History of Tamil Nadu and the Application of Recent Technologies in Archaeological Studies' organised by School of History and Tourism Studies, Tamil Nadu Open University, Saidapet, Chennai with the financial support of Indian Council of Historical Research on 27<sup>th</sup> June 2019.
  - Acted as Resource Person on the topic '**An Introduction to Field Oriented Activities in Archaeology**' in a workshop to the museum trainees organized by Keralam: Museum of History and Heritage, Park View, Thiruvananthapuram - 695033, on 14 January 2019.
- #### 6. Participation in Workshop
- Participated in the one-day workshop on **Outcome Based Education** organized by the University of Kerala at the Aquatic Biology Hall, Department of Aquatic Biology and Fisheries, University of Kerala, Kariavattom held on 23-07-2019.
- #### 7. Special/Invited Lecture
- Delivered an invited lecture on the topic '**Kerala Megalithic Gazetteer Project and Excavation of Cist Burial at Enadimangalam**' in the Public

Lectures organised by Kerala Council for Historical Research (KCHR) at Thiruvananthapuram on 20<sup>th</sup> August 2019.

#### 8. SERVICE AS REVIEWER OF JOURNALS (List name of Journal & Publisher)

- Acting as reviewer of the Journal Sodh Patrika, J. R. N. Rajasthan Vidyapeeth, Udaipur
  - Acting as reviewer of the Journal 'Archaeological Research in Asia', Elsevier
- #### 9. SERVED AS CHAIR/ MEMBER OF COMMITTEES/ BOARDS/COUNCILS /COMMISSIONS etc
- Member of Academic Council, University of Kerala
  - Member of P.G. Board of Studies in Archaeology, University of Kerala
  - Member of Department Doctoral Committee, Department of Archaeology, University of Kerala
  - Acting as the Faculty Co-ordinator of the Spoken Tutorial Software Training Programme (IIT Bombay sponsored) in the Department of Archaeology, University of Kerala.
  - Acting as the Faculty Advisor of the University Finishing School in the Department of Archaeology, University of Kerala.
  - Acted as external examiner (MA programme) at Department of Archaeology, Deccan College PGRI, Pune (29th and 30th May 2019).
  - Acted as external examiner (MA programme) at Department of Anthropology, Kannur University, Kerala (3rd April 2019).

#### 10. MISCELLANEOUS ACTIVITIES

- Directed the archaeological excavation (03.05.2019 to 19.05.2019) of Enadimangalam (Megalithic Site) in Adoor taluka, Pathanamthitta District, Kerala.
- Co-directed the archaeological excavation (17.01.2019 to 17.03.2019) of Juna Khatiya (Early Harappan Cemetery) in Lakhpat taluka, Kachchh District, Gujarat.

## DEPARTMENT OF ECONOMICS

Year of Establishment : 1959

Faculty of Social Sciences

### A. Department Profile

#### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Dr.Abdul Salim A.	Male	M.Phil,Ph.D	Professor and Honorary Director
2	Dr.Prasad A.K.	Male	M.A,Ph.D	Professor and Director
3	Dr.Manju S. Nair	Female	M.A,Ph.D	Professor
4	Dr.Anitha V.	Female	M.Phil, Ph.D	Professor, Head and Honorary Director
5	Mr. Siddik R.	Male	M.A,M.Phil	Assistant Professor

**2. Administrative staff - 3 (1 M/2 F)**

**3. Programmes offered**

Name of programme	strength	Female	Trans-gender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actual							
Masters:1 <sup>st</sup> M.A&IInd M.A	52	40	Nil	8	1	OBC-16	Nil	Nil	
Masters (Eco-nomics)2017-19	26	20	Nil	4	1	OBC-7	Nil	Nil	100%
Masters (Eco-nomics)2018-20	26	20	Nil	4	Nil	OBC-9	Nil	Nil	N.A
M.Phil (Economics)	9	7	Nil	1	1	3	Nil	Nil	100.00%
Ph.D(Full Time)	16	15	Nil	1	0	5	Nil	Nil	
Ph.D(Part-Time)	8	4	Nil						

**B. COMMON ACTIVITIES**

- Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.

  - Abdul Salim A. Performance of Area, Production and Productivity of Cashew in India and Kerala (Coauthor Binu Kumar), Productivity, Vol.60, No.1, April-June, 2019. *Journal DOI No.* <https://doi.org/10.32381/PROD> (ISSN:0032-9924) NAAS Rating: 3.49
  - Abdul Salim A. Competitive or Complementary: Impact of Inter State Migration on Native Workers of Kerala, (co-author Likhitha, K) Vol.60, No.2, July- September, 2019 *Journal DOI No.* <https://doi.org/10.32381/PROD> (ISSN:0032-9924) NAAS Rating: 3.49
  - Salini Mathews and Anitha V.(2019) Export Performance of Marine Fisheries Sector in Kerala was published in SS International Journal of Economics and Management, ISSN 2231-4962, Volume 9, Issue 2, March
  - Siddik R, Birth of Democracy and the Death Knell of Capitalism (with Aabid Firdausi MS) (2019) Economic and Political Weekly Vol LIV Nos. 26 & 27 pp. 86-87 June 29-July 6 ISSN - 0012-9976
  - Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.: 3

PuthiyaKeralathinayoruPuthiya Budget (New Budget for a New Kerala) 2019 Emerging Kerala: DC Books Vol 8 Issue 3 (March) ISSN: 2320 1622

Where to Indian Economy? (ഇന്ത്യൻ സമ്പദ് വ്യവസ്ഥ എങ്ങനെ?) 2019 Emerging Kerala: DC Books Vol 8 Issue 4 (April) ISSN: 2320 1622

PinnokamPaayunna Vahana The Retreat of Automobile Market) (2019) Madhyamam Weekly September 23

- Details of papers/ abstracts published by the faculty members of the department in conference proceedings with ISBN, month/ year, indexing details if any etc.: 1

  - IPR institutions, Innovation activities and Developmental Implications of IP Asset Intensive Industries (with PL Beena) (2019) in the Proceedings of XIV Annual Conference of Forum for Global Knowledge Sharing (Knowledge Forum) themed as Technology and Economy.
- Details of articles published by the faculty members of the department in scholarly magazines, bulletins or news papers. : 5

  - RCT and Development Economics: Some Thoughts on Nobel Prize in 2019 (2019) (ആർസിറ്റിയും വികസനസാമ്പത്തികശാസ്ത്രവും: ചില നോബൽ ചിന്തകൾ) *Moulikam: Journal on Politics and Communion*, November
  - Political Economy of Stimulus: Which Side are you on? (2019) Student Struggle, Journal of Student Federation of Indian, November
  - Is Budget 2019 *Nirmal*? Evaluating the Positive Aspect of the Budget (ബജറ്റ് 2019 നിർമ്മലമോ? ബജറ്റിലെ സകാരാത്മക ഇടപെടലുകൾ പരിശോധിക്കുമ്പോൾ) 2019 Kerala Service: Monthly of Kerala NGO Union July
  - Can Demonitisation lead De-Modi? (നോട്ട്ബന്ദി മോഡിബന്ദി ആകുമോ?) Kerala Service: Monthly of Kerala NGO Union, April 2019
  - Doubtful Indian Economy (ആശങ്കയുണ്ടാകുന്ന ഇന്ത്യൻ സമ്പദ്വ്യവസ്ഥ) 2019 *Emerging Kerala Online Portal* <http://emergingkerala.dcbooks.com/indian-economic-slowdown.html?fbclid=IwAR0zo8rqp-VOOAcqZR6upW3ET95xhEeRialLnUlB634jeCqh3jX2s2nECMdg>
- No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any.)

Sl. No	Project Name	Funding Agency	Total outlay	Duration	Principal Investigator
1	Conceptualizing Economic Development Through Judicial Institution: A Case of Kerala	Kerala University	Rs.600000	2019-2020	Dr. Anitha V
2	Full Cost Pricing of Drinking Water in Kerala	Kerala University	Rs. 600000	2019-2020	Dr. Anitha V
3	Unit Cost of Higher Education in Kerala: A Study of Kerala University	Kerala University	Rs.8,00,000	2019-2020	Dr.Abdul Salim A
4	Economics of Higher Education in Kerala: A Focus on Expansion, Efficiency and Equity,	UGC -MRP	Rs.8,26,600	Upto 2019	Dr. Abdul Salim A.

5. No. of PhD theses awarded.:5
6. No. of PhD theses submitted:5
7. No. of M. Phil dissertations awarded.: 9
8. Placement details of students.

Sl No	Name of student	Name of course	Designation	Name of the company	Annual Pay
1	Reshma Rajeevan	MPhil, 2019	Indian Economic Service	Government	
2	Lekshmi R Krishnan	MA (2016-18batch)	UPSC Combined Defence Service Examination	Indian Army	

9. Students who cleared GATE/NET/SET etc. - JRF - 6 nos., NET - 18 Nos.
10. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	Partially
2.	No. of books in stock as on Jan 1,2019	15057
3.	No. of books added this year	34
4.	No. of offline journal subscribed	25
5.	No. of online journals subscribed	-
6.	No. of online books available	-
7.	Amount spend for purchase of books	Rs.245518

11. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1	Workshop on Green Culture	National	University of Kerala	July 3rd and 4th, 2019	110
2	Agroecology Action Research and education	International	European Union	April 1st to 28th, 2019	12 participants (1 international and 11 national)

3	International Symposium on Agroecology : A New Lens to Sustainable Development Palliative Care	International	European Union and University of Kerala	March 29th 2019	120 ( three international)
4	Restructuring Kerala Economy:Alternative Perspectives	National	University of Kerala Govt. of Kerala	October 10th and 11th 2019	120
5	Workshop on Academic Writing and Doctoral Colloquium	International	University of Kerala	22-23/1/2019	132
6	Curriculum Revision Workshop of MA Business Economics	National	Department of Economics, University of Kerala	7-9 March 2019	65
7	Research Outreach Programme With RBI	National Inter University Level	Department of Economics	27.11.2019-2.12.2019 25/1/2019	36 26
8	Discussion on Researching South Asia: Challenges and Possibilities,	University level	University of Kerala	10/6/2019	65 70
9	Water Resource Management and Sustainable Development	National	University of Kerala	6-8 February 2019	120
10	Academic Writing Workshop and Doctoral Colloquium	National		25-27 November 2019	75
	Conference on Fiscal Sustainability	International	University of Kerala	18-19 November 2019 18-19 November 2019	220

12. Details of syllabus revisions during the year (indicate major/ minor): **Curriculum Revised for MA Business Economics, to be adopted from 2020 onwards as Chairman of Board of studies (PG) in Economics.**

13. Details of community outreach programmes (Please give a brief description) As part of SEBI, Financial Literacy programmes are conducted for self help group and middle income group

14. Steps taken to make the department differently abled friendly.: Got sanction from the University(Rs.4lakh) to construct toilets. Approched University Engineering for Estimation

15. Green initiatives/ waste management/ energy saving measures.: Implementing green protocol while conducting different programmes

16. Details of alumni association.

Sl. No	Details	
1.	Name of the association	
2.	Registered or not	No
3.	No. of meetings held this year	Two
4.	No. of members added this year	40
5.	Details of alumni contributions, including endowments, talks, donation etc	1.Formation of Alumni Association and Approval of Bye- Laws on 27/7/2019 2.Ramachandran Nair Memorial Lecture

17. Details of eminent personalities visited in the department: Prof Satyagi Roy,ISID, New Delhi



18. Details of online courses offered

Sl. No	Details	
1.	No. of MOOC courses offered	Nil
2.	No. of students enrolled for online/MOOC courses offered by other institutions	5

**C. CONTRIBUTION AT INDIVIDUAL LEVEL**

**Prof.(Dr.) A. Abdul Salim**

1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.:2
2. 7. No. of presentations in conferences/ seminars (indicate oral/ poster): 4 -oral
1. Chaired session in the interna\_onal seminar on 'Fiscal stability and State Policy: Recent Trends in India', 18.11.2019-20.11.2019
2. Restructuring Kerala Economy: Natural Resources and Human Development, 25-26 March2019, SN College, Varkala
3. Demographic Dividend and Higher Educa\_on in India, Government College, Kodenchery,15-17, 10.2019
4. Necessity of Revising the Syllabus of MA Business Economics,Workshop during for curriculum revision of
3. 9. No. of PhD theses awarded: 3
4. 10. No. of PhD thesis submitted:4
5. 11. No. of MPhil dissertations awarded:3
6. 17. No. of workshops/FDPs/short term courses/ conferences a\_ended:2
7. 19. Involvement in academic bodies as dean, academic council/ board of studies member etc. 4 as chairman BOS in Economics(PG)
8. 20. Service as reviewer of journals/ seminar papers (give details); 4
9. 21. Served as Chair/ member of committees/ boards/ councils/ commissions etc.: Chairman, BOS (PG) in Economics,
10. 27. Any other activities: Honorary Director, Inter University Centre for Alternative Economics(IUCAE)-guiding 4 research projects and 3 associate research programmes, organized one international seminar and two inter university lectures.

**Dr. V. Anitha, Professor**

4. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. One
5. No. of presentations in conferences/ seminars (indicate oral/ poster):6 Oral
6. No. of MPhil dissertations awarded: 2
7. No. of workshops/FDPs/short term courses/ conferences attended: One
8. Involvement in academic bodies as dean, academic council/ board of studies member etc.
- a. Attended Academic Council meeting as Head, Department of Economics

- b. Member, PG Board of Studies,Department of Economics, University of Kerala
- c. Member, Board of Studies, Fathima Matha National College, Kollam
- d. Member, ICC, University of Kerala
- e. Chairman, Doctoral Committee, University of Kerala
9. Service as reviewer of journals/ seminar papers (give details): AS part of Member, Scientific Advisory Committee of 10<sup>th</sup> Biennial Conference of INSEE, 6-8 November 2019, reviewed 6 papers
10. Public talks/ discussions over AIR/ television channels: one
11. Any other activities: Honorary Director, Cost of Cultivation Schemes

**Dr. A.K. Prasad, Professor**

**PRESENTATION / PARTICIPATION IN CONFERENCES / SEMINARS**

1. Presented a paper on "Marine Fisher Folk of Kerala: Causes being Marginalized" and chaired Technical Session-V at the National Seminar on "Water Resource management & Sustainable Development" held on February 6-8, 2019 at the Department of Economics, University of Kerala.
2. Participated and chaired a session at the National Seminar on "History of Kerala: Society and Law" organized by Department of History, University of Kerala on March 18, 2019.
3. Participated at the National Workshop on "Academic Writing and Doctoral Colloquium held on March 7-9, 2019 at the Department of Economics, University of Kerala.
4. Attended "Outcome-based Workshop" conducted by the University of Kerala held on 23/07/2019.
5. Participated and chaired the Technical Session-IX at the International Seminar on "Fiscal Stability and State Policy: Recent Trends in India" held on November 18 to 20, 2019 at the Department of Economics, University of Kerala.
6. Participated at the National Workshop on "Academic Writing and Doctoral Colloquium" held on November 25 to 27, 2019 at the Department of Economics, University of Kerala.
7. Interacted with students of Economics Department of Government College, Goa who visited the Department of Economics, University of Kerala on December 16, 2019.

**MEMBER OF COMMITTEES / BOARDS / COUNCILS / COMMISSIONS etc.**

1. Member, Board of Studies in Economics (PG), CUSAT, Kochi.

2. Member, Board of Studies in Economics (PG), University of Kerala.
3. Member, Research Council of the University of Kerala.
4. Member, IQAC of the University of Kerala.
5. Member, Vidyalaya Management Committee, Kendriya Vidyalaya, CRPF Campus, Pallipuram, Thiruvananthapuram.

### Miscellaneous

1. Acted as Director of School of Social Sciences, University of Kerala.
2. Acted as Member of Board of Adjudicators for evaluating Ph. D theses in Economics of Calicut University, M G University, Kottayam, and Bharathiar University, Coimbatore.
3. Acted as Chairman of Board of Adjudicators of Ph D theses of M.G. University, Kottayam and Bharathiar University, Coimbatore.
4. Acted as external examiner for evaluating answer scripts of M.A Economics examinations conducted by Economics Department of Central University of Kerala, Kasaragod, Economics Department of Calicut University and Economics Department of M G University (Dr. K N Raj Centre), Kottayam.
5. Acted as Co-ordinator of the Committee of NAAC Directorate on Criteria V of Accreditation.
6. Acted as subject expert in the Screening-cum-Evaluation Committee for CAS promotion of Assistant Professors in Economics of NSS College Nilamel, Christian College, Kattakkada, SN College, Varkala, and SN College, Chempazhanthi.
7. Attended additional meeting and annual meeting of BOS in Economics of the University of Kerala held on April 11 and November 21, 2019 respectively.
8. As Director of School of Social Sciences, collaborated with Department of Education, University of Kerala in organizing Human Rights Day Celebrations on December 12, 2019.
9. Attended the Research Council meeting of the University of Kerala held on November 14, 2019.
10. Helped organize, as organizing committee member, the National Seminar on “Water Resource Management & Sustainable Development” held on February 6-8, 2019 at the Department of Economics, University of Kerala.
11. Helped organize, as organizing committee member, the National Seminar on “Women and Development” held on February 18, 2019, at the Department of Economics, University of Kerala.
12. Helped organize, as organizing committee member, the National Workshop on “Academic Writing and Doctoral Colloquium held on March 7-9, 2019 at the Department of Economics, University of Kerala.
13. Helped organize, as organizing committee member, the International Seminar on “Fiscal Stability and State Policy: Recent Trends in India” held on November 18 to 20, 2019 at the Department of Economics, University of Kerala

14. Helped organize, as organizing committee member, the National Workshop on “Academic Writing and Doctoral Colloquium” held on November 25 to 27, 2019 at the Department of Economics, University of Kerala.

### Dr. Manju S.Nair, Professor

- a. No. of presentations in conferences/ seminars (indicate oral/ poster) : 2
- b. No. of PhD thesis submitted....1
- c. No. of MPhil dissertations awarded....2
- d. No. of foreign visits for academic purposes ....2
- e. Involvement in academic bodies as dean, academic council/ board of studies member etc....  
Board of Studies Member

### R. Siddik, Assistant Professor

15. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. 1  
Birth of Democracy and the Death Knell of Capitalism (with Aabid Firdausi MS) (2019) *Economic and Political Weekly* Vol LIV Nos. 26 &27 pp. 86-87 June 29-July 6 ISSN - 0012-9976
16. No. of papers published in other peer reviewed journals with ISSN etc. 3  
*PuthiyaKeralathinayoruPuthiya Budget* (New Budget for a New Kerala) 2019 *Emerging Kerala: DC Books* Vol 8 Issue 3 (March) ISSN: 2320 1622  
*Where to Indian Economy?* (ഇന്ത്യയുടെ ഭാവന) 2019 *Emerging Kerala: DC Books* Vol 8 Issue 4 (April) ISSN: 2320 1622  
*PinnokamPaayunna Vahana* The Retreat of Automobile Market) (2019) *Madhyamam Weekly* September 23
17. No. of papers/ abstracts published in conference proceedings with ISBN 1  
*IPR institutions, Innovation activities and Developmental Implications of IP Asset Intensive Industries* (with PL Beena) (2019) in the Proceedings of XIV Annual Conference of Forum for Global Knowledge Sharing (Knowledge Forum) themed as Technology and Economy
18. No. of presentations in conferences/ seminars (indicate oral/ poster) 6 Invited Talks, 7 Paper Presentations  
“Possibilities of Poverty Eradication: A Lecture on 2019 Nobel Prize in Economics”, IMG Lecture Series at Institute of Management in Governance, Thiruvananthapuram on 5<sup>th</sup> December 2019  
“Transforming Post Flood Kerala: Issue in Financing”, in One Day Seminar on “Transforming Post Flood Kerala: Public Policy and Finance” at Dr. John Mathai Centre, University of Calicut on 28<sup>th</sup> November 2019  
“Tackling the Economic Slowdown: Strategies Ahead” (on 28<sup>th</sup>) in the three day national seminar titled *Decoding India’s Economic Slowdown: Structural, Cyclical or Manmade?* Scheduled during 26<sup>th</sup> -28<sup>th</sup> November 2019, at the Department of Economics, University College, Thiruvananthapuram

“Role of Women in Economic Development and Planning” at ThunchathEzhuthachan Malayalam University, Tirur on 9<sup>th</sup> of August 2019

“Understanding Economic Issues through the Lens of Political Economy” at the *Young Women’s Writing Workshop* organised by Dynamic Action in Tiruvalla on 3<sup>rd</sup> August 2019

“Post Union Budget 2019: A Discussion Focusing on Decentralization and Women” jointly organised by Institute of Parliamentary Affairs, Government of Kerala and Department Political Science, Carmel College, Mala at Carmel College Mala on 2<sup>th</sup> July 2019

Presented a paper on “Loosing Autonomy in a Democratic Economy: A Case of State Finance under GST” in the three day national seminar on *Democratising Democracy: Seventy Years Experiences and Experiments in India* at the department of political science, University of Calicut during 12<sup>th</sup> – 14<sup>th</sup> December 2019

Presented a paper on “Stimulus Finance: Trend, Pattern and Rationale” in the Two-Day National Seminar on *Leading Issues in Indian Public Finance* held during 24<sup>th</sup> and 25<sup>th</sup> of October 2019 at Research and Post Graduate Department of Economics, Panampilly Memorial Government College, Thrissur University of Calicut.

*IPR institutions, Innovation activities and Developmental Implications of IP Asset Intensive Industries* (with PL Beena) (2019) in the XIV Annual Conference of Forum for Global Knowledge Sharing (Knowledge Forum) Conference Titled as “Technology and Economy” held at IIT Madras during 11<sup>th</sup>-13<sup>th</sup> October 2019

Presented a paper on “Exploring the Rationale of Kerala as a Modeled Experience” in the Two-Day National Seminar on *Fifty Years of Kerala: Questions of Egalitarianism, Social Justice and Development* held during 19<sup>th</sup> to 20<sup>th</sup> of February 2019 at EMS Seminar Complex organised by the Department of Political Science, University of Calicut.

Discussant and Chair of “Economics Analysis of Liability Rule” in the Two Day Conference on Economic Theory and Policy held during 14<sup>th</sup> to 15<sup>th</sup> of February 2019 at the Centre for Development Studies, Thiruvananthapuram

Delivered a Keynote Speech on “Is Economic Analysis of Climate Change a Sufficient Tool? A Comment” in the International Conference on Climate Change Resilience: Views from Economics and Environment held during February 14-15, 2019 at the Department of Economics, MES Asmabi College, Vemballur, Thrissur

Presented a paper on “Missing Institutions in the Modeled Experience: Revisiting the Past to Build a Better Kerala” in the International Conference on *Restructuring Kerala Economy: Alternative Perspective* held during 21<sup>st</sup> to 23<sup>rd</sup> January 2019 organised by the Inter University Centre for Alternative Economics, Department of Economics, University of Kerala

19. No. of articles published in scholarly magazines, bulletins or news papers. 5

RCT and Development Economics: Some Thoughts on Nobel Prize in 2019 (2019) (ആർസിറ്റി യും വികസന സാമ്പത്തികശാസ്ത്രവും: ചില നോബൽപിന്തകൾ) *Moulikam: Journal on Politics and Communion*, November

Political Economy of Stimulus: Which Side are you on? (2019) Student Struggle, Journal of Student Federation of Indian, November

Is Budget 2019 *Nirmal*? Evaluating the Positive Aspect of the Budget (ബജറ്റ് 2019 നിർമ്മലമോ? ബജറ്റിലെ സകാരാത്മക ഇടപെടലുകൾ പരിശോധിക്കുമ്പോൾ) 2019 Kerala Service: Monthly of Kerala NGO Union July

Can Demonitisation lead De-Modi? (നോട്ട്ബന്ദി മോഡിബന്ദി ആകുമോ?) Kerala Service: Monthly of Kerala NGO Union, April 2019

Doubtful Indian Economy (ആശങ്കയുഷ്മിക്കുന്ന ഇന്ത്യൻ സമ്പദ്വ്യവസ്ഥ) 2019 *Emerging Kerala Online Portal* <http://emergingkerala.dbooks.com/indian-economic-slowdown.html?fbclid=IwAR0zo8rqp-VOQAcqZR6upW3ET95xhEeRiaLnUlB634jeCqh3jX2s-2nECMdg>

20. No. of workshops/FDPs/short term courses/conferences attended 1 (Attended Three Day Faculty Orientation Program for Student Induction, sponsored by University Grants Commission, Ministry of HRD, South West Zone organised at the Satish Dhawan Auditorium in Indian Institute of Science during 30<sup>th</sup> May to 1<sup>st</sup> June 2019)

21. Involvement in academic bodies as dean, academic council/ board of studies member etc. Director of Student Services, MA and Mphil Course Coordinator, Department of Economics

22. Service as reviewer of journals/ seminar papers (give details)

International Editorial Board Member of Rowman & Littlefield International in association with Tricontinental Institute from August 2019

Subject Expert, Higher secondary (+1) Economics Text Books – Indian Economic Development (Malayalam) and Quantitative Techniques (Malayalam) (forthcoming), SCERT, Government of Kerala

Invited Expert, “Welfare to Right – Among Marginalised”, Administrative Reform Commission, Government of Kerala since May 2019

23. Served as Chair/ member of committees/ boards/ councils/ commissions etc.

Director, Department of Student Services, University of Kerala since 07/03/2018

Social Media Champion, University of Kerala since July 2019

PRO (i/c (additional charge)) from 13/05/2019 to 22/05/2019, University of Kerala

Member, Board of Adjudication for Student Grievances (BASG), University of Kerala Since February 2019

Subject Expert in Economics of the Text Book Translation for Higher Secondary, SCERT, Thiruvananthapuram in 2018 and 2019

Invited Expert, Administrative Reform Commission, for the preparation of policy for marginalised communities in Kerala, Government of Kerala 2019

Advisory Board Member of National Service Scheme, University of Kerala since 2018-19

National Institutional Ranking Framework Compilation Committee Member, University of Kerala 2019

**PROGRAMME CONDUCTED/INITIATED AS THE DIRECTOR OF STUDENT SERVICES**

- **Team Manager** of University of Kerala in the 35<sup>th</sup> Inter University South Zone Competition held at Alagappa University, Karaikudy, Tamil Nadu during 18<sup>th</sup>December 22<sup>nd</sup> December 2019
- Committee Convener of 2<sup>nd</sup> ONV Memorial Prize Distribution scheduled to be held on 18<sup>th</sup> December 2019 at ONV Block, Kariavattom Campus, University of Kerala
- Reception Committee Co-Convener of Special Convocation held on 10<sup>th</sup> December 2019 awarding DSc to Prof. CNR Rao
- Convener, Relevance of Gandhian Secularism in Contemporary Society” Three Day National Residential Seminar jointly organized by Centre for Gandhian Studies and Department of Student Services, University of Kerala during 1<sup>st</sup> to 3<sup>rd</sup> November, 2019 at Government College, Kariavattom
- **Convener, Two Day Residential Training on Palliative Care** during 10<sup>th</sup> and 11<sup>th</sup> October 2019 at Senate Chamber, University of Kerala, Thiruvananthapuram
- **Convener, Endowment Award Function for the Years 2011 & 2012** on 15<sup>th</sup> July 2019 at Senate Hall, University of Kerala, Thiruvananthapuram
- **Convener** of the Programme Inauguration of *Student Palliative Care, Talent Award, G Karthikeyan Memorial College Union Award and Other Award Distribution* for the Years 2016-17 to 2018-19 at VJT Hall, Thiruvananthapuram on 21<sup>st</sup> June 2019
- **Convener, Anti-Drug Campaign** (ലഹരിവിരുദ്ധ ക്യാമ്പയിൻ) in selected 70 Colleges under the University of Kerala during the year 2019-20. The programme kick started with the inauguration at Government College Kariavattom by Honorable Minister for Excise and Labour Sri TP Ramakrishnan on 22<sup>nd</sup> May 2019
- **Convener, Kerala University Youth Festival 2018-19** during 26<sup>th</sup> to 30<sup>th</sup> March 2019 at Kariavattom Campus, Thiruvananthapuram
- **Convener** Leadership Training Camp organised by the Department of Student Services during 21-22 March 2019 at Tibereas Coast, Thangassery, Kollam
- **Organising Committee member and Convener of Political Economy Session** of *Young Scholars*

*Congress* held during 16<sup>th</sup> and 17<sup>th</sup> of March 2019 in Thiruvananthapuram

- **Organised Felicitation Ceremony** for the Prize Winners of the South Zone Inter University and National Inter University Youth Festival during 2018-19 at Senate Chamber, University of Kerala on 22<sup>nd</sup> February 2019
  - **Team Manger** of University of Kerala in the 34<sup>th</sup> Inter University National Youth Festival held at Sri Chandigarh University, Chandigarh 01<sup>st</sup> February 05<sup>th</sup> February 2019 and won 8 Medals out of 10 contested by the University of Kerala
24. Public Lecture and TV/Radio Talks
1. Interaction with University Students and Research Scholars of Kariavattom Campus on “Citizenship Amendment Act and National Citizenship Registry and the Challenges of Indian Constitution” Campaign organised by Ladies Hostel Inmates, University of Kerala on 17<sup>th</sup>December 2019
  - Economic Slowdown and Political-economy of Stimulus Package (സാമ്പത്തികമാന്ദ്യവും ഉത്തേജനപാക്കേജുകളുടെ രാഷ്ട്രീയവും), organized by Kerala Shastra SahithyaParishath (KSSP), Kazhakkootam Sector, at Koor Memorial Library on 24<sup>th</sup> November 2019
  2. Interaction with research scholars on “Stand with Kashmir! Save Democracy!” Campaign organised by Research Scholars Union, University of Kerala on 05<sup>th</sup> August 2019
  3. Panelist in the Pre-Budget Discussion in Door Darshan Malayalam Live on 05<sup>th</sup> July 2019 during 10 AM – 11 AM
  4. A lecture was delivered on Student Services and Welfare in University of Kerala at the Student Induction Program conducted by IQAC, University of Kerala at Senate Hall, Palayam on 25<sup>th</sup> June 2019
  5. A lecture was delivered on Student Welfare in University of Kerala at the Department of Hindi University of Kerala as part of department level Induction programme on 20/06/2019.
  6. Interaction with Degree aspirants from coastal communities on “Prospects of Economics” in *NAIPUNYAM 2019* organised by Coastal Students Cultural Forum on 18<sup>th</sup> of May 2019 at Marian Engineering College, Menamkulam
  7. A public talk delivered on “Whereto Indian Higher Education” in the *Higher Education Convention* of AKPCTA, Thiruvananthapuram District Committee organised on 17<sup>th</sup> April 2019 at Pension Bhavan, Kesavadasapuram, Thiruvananthapuram
  - Public Talk on “Whereto Indian Economy? (ഇന്ത്യൻ സമ്പദ്ഘടന എങ്ങോട്ട്?)”, Organised by *Samashti: Arts and Culture Group of KSEB Officers* held on 28<sup>th</sup> of March 2019
  - Panelist in the programme titled “ഞങ്ങൾക്കും പറയാനണ്ട്” (*We too want to talk*) of Mathrubhumi Malayalam TV on the topic “widening inequality in India and across the glob (ഇന്ത്യയിലും ലോകത്തും വർ

മിഷ്യൻ വരുന്ന സാമ്പത്തിക അസമത്വം) Live Telecast on 27/01/2019 7.00 pm to 8.00 pm

8. Any other activities.

**Organizing Secretary** of the three day International Seminar on **Fiscal Stability and State Policy: Recent Trends in India** scheduled to be held during 18<sup>th</sup>, 19<sup>th</sup> and 20<sup>th</sup> November 2019 at the Seminar Hall, Department of Economics, University of Kerala.

**Organizing Secretary** of the one day National Seminar on **Women and Economic Development** scheduled on 18<sup>th</sup> of February 2019 at the Seminar Hall, Department of Economics, University of Kerala

**Organizing Secretary** of the three day International Seminar on **Development and Marginality of Fisher Folks** scheduled during 07<sup>th</sup>, 08<sup>th</sup> and 09<sup>th</sup> of January 2019 at the Seminar Hall, Department of Economics, University of Kerala

M A Dissertation Completed		
Candidate & Reg. No	Title of the Dissertation (29)	Year
Anuroop S Krishnan: 82417619003	Climate change and its impact on fisher folks: A special reference to Vizhinjam and Mariyanadu in Trivandrum District	2019
Arun Kumar R: 82417619006	A critical evaluation of new trends in disinvestment programme	2019
Ashitha KA: 82417619007	Water availability and water conservation among rural house hold	2019
Aswani SB: 82417619008	An analysis of response of customers to new innovation and technologies in banking sector: A study based in Trivandrum	2019
Athulya SU: 82417619011	Impact of nitaqat among return migrants in Kerala: A study with special reference to MunniorGrama Panchayat	2019
Megha MG: 82417619017	Impact of gig economy on gig workforce and consumer	2019
Ravikrishnan R: 82417619018	Self help group-bank linkage programme in India: A region wise analysis	2019

## DEPARTMENT OF EDUCATION

Year of establishment: 1956

Faculty of Education

### A. DEPARTMENT PROFILE

1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Prof. (Dr.) R L Bindu	Female	Ph.D.	Professor & Head
2	Dr. Geetha Janet Vitus	Female	Ph.D.	Associate Professor
3	Dr. D Bindu	Female	Ph.D.	Associate Professor
4	Dr. V Sindhya	Female	Ph.D.	Associate Professor
5	Dr. Divya C Senan	Female	Ph.D.	Associate Professor
6.	Dr. M Sameer Babu	Male	Ph.D.	Assistant Professor

2. Administrative staff - 4 (1M/3F)

### 3. Programmes offered

Name of programme	strength		Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actual								
Masters (Education)	70	41	32		3		29			
M.Phil (Education)	8	7	6		2		4			
PhD	40	18(full time)	12		4		10		1	
Post Doc	3	3	3							
Others	nil									

#### B. COMMON ACTIVITIES

- No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any.)
  - Principal investigator – Dr Sameer Babu M - Availing and Implementing
  - ICSSR Project under IMPRESS Scheme entitled “*Decisive Factors of College Success in the Midst of Quality Intervention of RUSA*”, 2018-19, Rs.10,00,000.00
  - Research Project under the scheme of PanditMadan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) entitled “*Technology Integration & Pedagogy for the Visually Challenged Students at Higher Secondary Level in Kerala: A Study on the Provisions & their*

*Expectations*”, Central University of Kerala, 2018-Rs.1,50,000.00

- Minor Research Project entitled “*Significant Challenges in Academics as Perceived by Visually Challenged Students of Secondary Schools*” under the scheme of PanditMadan Mohan Malaviya National Mission on Teachers and Training, Gandhi Gram Rural Institute, 2018-19, Rs.3,6,000.00
  - Center for Disability Studies, CeDS, Trivandrum,-2018-2, Rs.50,000.00
- Details of newsletters/ brochure/ bulletins/ published by the department.1
  - No. of PhD theses awarded 6
  - No. of PhD theses submitted 8
  - No. of M. Phil dissertations awarded.6

Sl No	Name of student	Name of course	Designation	Name of the company	Annual Pay

6. Students who cleared GATE/NET/SET etc. - 5 (NET)

7. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	Being automated
2.	No. of books in stock as on Jan 1,2019	19041
3.	No. of books added this year	118
4.	No. of offline journal subscribed	4
5.	No. of online journals subscribed	Nil
6.	No. of online books available	NIL
7.	Amount spend for purchase of books	237358

- No of funded projects active during the year:
  - (Project name, funding agency, total outlay)
  - Principal investigator – Dr Sameer Babu M - Availing and Implementing
  - ICSSR Project under IMPRESS Scheme entitled “*Decisive Factors of College Success in the Midst of Quality Intervention of RUSA*”, 2018-19, Rs.10,00,000.00

- Research Project under the scheme of PanditMadan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) entitled “*Technology Integration & Pedagogy for the Visually Challenged Students at Higher Secondary Level in Kerala: A Study on the Provisions & their Expectations*”, Central University of Kerala, 2018-Rs.1,50,000.00

- Minor Research Project entitled “*Significant Challenges in Academics as Perceived by Visually Challenged Students of Secondary Schools*” under the scheme of PanditMadan Mohan Malaviya National Mission on Teachers and Training, Gandhi Gram Rural Institute, 2018-19, Rs.3,6,000.00
- Center for Disability Studies, CeDS, Trivandrum,-2018-2, Rs.50,000.00
- 9. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants
1	One day Seminar on “ <i>Twining Ozone with Life</i> ”	State	Kerala State Council for Science, Technology & Environment	18 <sup>th</sup> September, 2019.	38
2	Three Day National Seminar on Research Culture: Refinement in Quality Assurance	National	University of Kerala	November 4 <sup>th</sup> ,5 <sup>th</sup> & 6 <sup>th</sup> 2019	149
3	Table Talk’ on Education System in Singapore	International	IQAC, University of Kerala	31 <sup>st</sup> December 2019	16
4	Distinguished Lecture on Online/Virtual Learning	International	IQAC, University of Kerala	31st December 2019	50
5	7 day workshop on “ <i>Design and Development of MOOCs</i> ”	National	University of Kerala	2-8 December 2019	35

10. Details of community outreach programmes (Please give a brief description)

- Talk on Sustainable Periods

A talk was conducted by Women’s Club of Department of Education, University of Kerala in collaboration with the Earth Foundation on 11<sup>th</sup> November 2019 at 2.00 pm at Department of Education. The talk as led by Dr. Divya S. Iyer. IAS (State Mission Director, Mahatma Gandhi NREGS, Kerala). The main emphasis was on breaking taboos and spreading awareness about issues that were considered taboos like menstruation, women hygiene and mental health of women. R. Keerthi, IFS and DhanyaSanal IIS also expressed their views on the issues faced by women in society. Gokul (Research Scholar, Department of Education, Kariavattom) emphasized on the need of

male community to be informed about the issues and be a constructive force behind building a community giving due respect and importance to women. Bharat Govind S (SDE, ASAP) concluded the session.

- Global Climate Education Month

Department of Education, University of Kerala in association with EARTH (Empowering Awakening Resilient THinkers) organized Global Climate Education Month from 29<sup>th</sup> November 2019 to 28<sup>th</sup> December 2019. The objective of the programme was to encourage students, the youth and the public to bring changes in their attitude and behavior against the backdrop of climate change and natural disasters and help them to adapt to climate change related trends.

11. Details of alumni association.

Sl. No	Details	
1.	Name of the association	Department Alumni Association
2.	Registered or not	Yes
3.	No. of meetings held this year	1
4.	No. of members added this year	15
5.	Details of alumni contributions, including endowments, talks, donation etc	nil

12. Details of eminent personalities visited in the department.

- Dr. Chen Der Thanq,

Professor and Head,  
Curriculum Teaching and Learning Academic Group,  
National Institute of Education,  
NIE1-02-08, 1 Nanyang Walk,  
Singapore 63761

Education Leadership Awards, Mumbai in February 2019

- Dr Geetha Janet Vitus - N.P Pillai Memorial Literary Award 2018 February 16/2019.
- Dr Divya C Senan - Outreach Lecturing Fund Travel Award, Institute of International Education, NY, USA, 2019.
- Dr Divya C Senan BECC Fellowship, Morris S. Smith Foundation, USA (2019)
- Nithya Prem - ICSSR Post-doctoral Research Fellow, 2019
- Jayapraveen - ICSSR Doctoral Research Fellow, 2019

13. Details of awards received by faculty/ staff/ students.

- Prof.(Dr.) Bindu R L - Award for the *Best Professor in Education Studies* presented by Innovative

- No. of students enrolled for online/MOOC courses offered by other institutions-15

#### C. CONTRIBUTION AT INDIVIDUAL LEVEL

##### Name of faculty: Prof.(Dr.) Bindu R L

- No. of papers published in other peer reviewed journals with ISSN etc. : 2
  - No. of papers published as chapters in books : 1
  - No. of papers/ abstracts published in conference proceedings with ISBN : 2
  - No. of presentations in conferences/ seminars (indicate oral/ poster) : 2
  - No. of PhD theses awarded : 2
  - No. of PhD thesis submitted 3
  - No. of M Phil dissertations awarded : 1
  - No. of workshops/FDPs/short term courses/ conferences attended : 6
  - Involvement in academic bodies as dean, academic council/ board of studies member etc.:
- Dean, Faculty of Education  
Member, Academic Council  
Member, BOS in Education(Pas)  
Chairperson, BOS in Education (PG)
- Served as Chair/ member of committees/ boards/ councils/ commissions etc.:
    - Hon. Director, Curriculum Development Centre University of Kerala
  - Details of international/ national/ state awards/ recognitions received.:
    - Award for the Best Professor in Education Studies Presented by Innovative Education Leadership Awards in February 2019

##### Name of faculty: Dr. Geetha Janet Vitus

- No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.
- No. of book edited/ published with ISBN. No. of papers published as chapters in books - 1
- No. of presentations in conferences/ seminars (indicate oral/ poster)-2
- No. of PhD theses awarded-1
- No. of PhD thesis submitted-3
- No. of M Phil dissertations awarded-1
  - Involvement in academic bodies as dean, academic council/ board of studies member etc.
  - Chairperson-Board of studies in Education (PASS)
  - Member Board of Studies (PG).
  - Member Board of studies in Special Education UG & PG Tamilnadu Teacher Education University
- Details of international/ national/ state awards/ recognitions received.
  - N.P Pillai Memorial Literary Award 2018 awarded on February 16/2019.

##### Name of faculty: Dr. Bindu. D

- No. of book edited/ published with ISBN 1
- No. of presentations in conferences/ seminars (indicate oral/ poster) 5

- No. of M Phil dissertations awarded 1
- No. of workshops/FDPs/short term courses/ conferences attended 1
- Involvement in academic bodies as dean, academic council/ board of studies member etc.
- Member, Board of studies, Education, (PG)
- Activities in clubs, associations, NSS etc (i/c, energy club)

Awareness class was given at primary level students (Govt. LP School, Thycaud) on the topic "Importance of energy conservation".

One day seminar & energy conservation day celebration. 2019 (December, 14)

##### Name of faculty: Dr. Sindhya V

- No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. 1
- No. of papers published in other peer reviewed journals with ISSN etc. 1
- No. of book edited/ published with ISBN 1
- No. of papers published as chapters in books 1
- No. of presentations in conferences/ seminars (indicate oral/ poster) 5
- No. of PhD theses awarded 2
- No. of workshops/FDPs/short term courses/ conferences attended 2
- Service as reviewer of journals/ seminar papers (give details)
  - Reviewer of Gurujyothi Research and Reflections, half yearly journal of Sree Narayana Training College, Nedunganda, ISSN-0976-0865

##### Name of faculty: Dr.Divya C. Senan

- No. of presentations in conferences/ seminars (indicate oral/ poster) 3
- No. of MPhil dissertations awarded 1
- No. of workshops/FDPs/short term courses/ conferences attended 2
- Activities in clubs, associations, NSS etc convener, Womens' Club
- Details of international/ national/ state awards/ recognitions received.
  - Outreach Lecturing Fund Travel Award, Institute of International Education, NY, USA, 2019.*
  - BECC Fellowship, Morris S. Smith Foundation, USA (2019)*

##### Name of faculty: Dr. Sameer Babu M

- No. of papers published in other peer reviewed journals with ISSN etc. 2
- No. of book edited/ published with ISBN 3
  - Babu M, Sameer, (2019), Enrollment and School drop out: A Study of Socio-Cultural Determinants. Mauritius: LAP LAMBERT Academic Publishing. ISBN: 978-3-330-34765-6
  - Babu M, Sameer. (2019). Innovative Teaching & Inclusive Classrooms. New Delhi: A.PH Publishing Corporation. ISBN: 978-93-88316-27-9.



- Babu M, Sameer. (2019). Educational Research. New Delhi: A.P.H. Publishing Corporation. ISBN:978-93-88316-28-6.
- 3. No. of papers published as chapters in books 1
- Babu M, Sameer, (2019). Women and Society: Access to Education, Literacy and Empowerment. In. Sudheer, S.V. (Ed.), Women Empowerment Context & Concerns, Better Book Publishers.(Pg: 120-126). ISBN: 978-81-908006-7-9.
- 4. No. of MPhil dissertations awarded 1
- 5. No. of MOOC/Online courses completed 4
- Curriculum Pedagogy and Evaluation in Higher Education
- Teaching and Learning in Higher Education
- Data Analysis in Social Sciences
- Leadership in Higher Education
- 6. No. of workshops/FDPs/short term courses/conferences attended 3
- 7. Service as reviewer of journals/ seminar papers (give details)
- Peer reviewer for publishing article in Common Ground Research Networks
- Associated with Peer reviewer for the Canadian Journal of Psychology

## DEPARTMENT OF HISTORY

**Year of Establishment : 1962**

### A. Department Profile

#### 15. Teaching Staff

Sl. No.	Name	M/F	Qualification	Designation
1	Dr. V.Sathish	M	M.A, LL.M, Ph.D, UGC - JRF plus Lectureship in Law & UGC - JRF plus Lectureship in History	Associate Professor & Head
2	Dr. P. Jinimon	M	M.A, M.Phil, Ph.D	Assistant Professor
3	Ms. A. Sajna	F	M.A, M.Phil, UGC-JRF	Assistant Professor

#### 16. Administrative staff - 3 nos. (M)

#### 17. Programmes offered - Current Strength & Details

##### Details

Programme & Seats	Strength		Females	SC	ST	Other res. categories	Outside state	Foreign	Pass %
	Sanc-tioned	Actual							
MA History (2017-19)	20	19	14	6	Nil	OBC - 7	Nil	Nil	89%
MA History (2018-20)	24	20	12	1	Nil	OBC -10	Nil	Nil	NA
MA History (2019-21)	24	23	18	4	Nil	OBC - 13	Nil	Nil	NA
MPhil History (2018-19)	6	6	3	1	1	OBC - 2	Nil	Nil	100%
MPhil History (2019-20)	6	6	5	2	Nil	OBC - 2	Nil	Nil	NA
PhD History		4	3	Nil	Nil	OBC - 4	Nil	Nil	NA

### B. COMMON ACTIVITIES

#### 1. Journals, if any, published by the Dept, with ISSN and no of issues

SL. No.	Name of Journal	ISSN Number	Year of first publication	Current Status	Remarks
1	Journal of Indian History	022-1775	1921	VOL. 93, 2014 Edition	
2	Journal of Kerala Studies	0377-0443	1973	VOL.41, 2014 Edition	

- Details of papers/ abstracts published by the faculty members of the department in conference proceedings with ISBN, month/ year, indexing details if any etc.

**Ms. Sajna.A, Assistant Professor**

- Paper on “Women in Environmental Protection: A Kerala experience on Eco-Feminism” Gender Responsive sustainable Development, ed. By Bushra Beegom, Trivandrum, ISBN-978-93-5300-499-6, 2018.**

- Details of articles published by the faculty members of the department in scholarly magazines, bulletins or news papers.

**Dr.V.Sathish, Associate Professor & Head**

- Published an article, entitled ‘Unearthing the Past’ along with Dr.P.Jinimon, Assistant Professor of this Department, in *Kerala Calling*, published by the Director & Public Relation Department, Government of Kerala, Thiruvananthapuram on 1<sup>st</sup> January 2019.

**Dr.P.Jinimon, Assistant Professor**

- Published an article, entitled ‘Unearthing the Past’ along with Dr.V.Sathish, Associate Professor & Head of this Department, in *Kerala Calling*, published by the Director & Public Relation Department, Government of Kerala, Thiruvananthapuram on 1<sup>st</sup> January 2019.

**Ms. Sajna.A, Assistant Professor**

- An article “Temple Entry Movement a Civic or Religious Right?” In *On the Contours of Marginalisation: Voice of the Voiceless*, ed. by Keerthana Santhosh, Walnut Publication, Thuthukudi, 2019.**

- No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any.)

**Specific Project Survey, Collection, Digitalization and Scientific Preservation of *Journal of Indian History* from the I Volume to Centenary Volume –**

**Funding Agency - Government of Kerala**

**Ongoing Project**

**Co-ordinator – Dr.P.Jinimon, Assistant Professor**

- No. of PhD theses awarded  
Dr.V.Sathish, Associate Professor & Head : 3
- No. of PhD theses submitted  
Dr.V.Sathish, Associate Professor & Head : 3
- No. of M. Phil dissertations awarded : 6
- No. of M. Phil dissertations submitted : 6
18. Students who cleared GATE/NET/SET etc. - JRF - 1 no., NET - 15 nos.
- Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	Partially
2.	No. of books in stock as on Jan 1, 2019	13,266
3.	No. of books added this year	547
4.	No. of offline journal subscribed	08
5.	No. of online journals subscribed	Nil
6.	No. of online books available	Nil
7.	Amount spend for purchase of books	5,30,083/-

- No of funded projects active during the year:

(Project name, funding agency, total outlay)

**Specific Project Survey, Collection, Digitalization and Scientific Preservation of *Journal of Indian History* from the I Volume to Centenary Volume**

**Funding Agency - Government of Kerala**

**Ongoing Project**

**Co-ordinator – Dr.P.Jinimon, Assistant Professor**

- Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1	<b>National Seminar on ‘History of Kerala: Society and Law’ &amp; Dr.K.K.Kusuman Commemoration Lecture</b>	National	University of Kerala	18 <sup>th</sup> March 2019	About 235
2	<b>Special Lecture, <i>Human Rights in the Context of Contemporary India</i></b>			16 <sup>th</sup> December 2019	About 52

27. Details of consultancy work active during the year.

Sl. No	Name of the project	Project Director	Sponsoring agency	Outlay	Duration
	Specific Project <b>Survey, Collection, Digitalization and Scientific Preservation of <i>Journal of Indian History</i> from the I Volume to Centenary Volume</b>	Dr.P.Jinimon Co-ordinator	Government of Kerala		

28. Details of syllabus revisions during the year (indicate major/ minor)

- **Workshop for the Revision of Syllabus of M.A Degree (Regular, CSS and Distance Education) Programme in History (Syllabus Revision from**

**2019 onwards)**

- **Workshop for the Revision of Syllabus of M.Phil Programme in History (Syllabus Revision from 2019 onwards)**

29. Details of alumni association

Sl. No	Details	
1.	Name of the association	Cliofest
2.	Registered or not	No
3.	No. of meetings held this year	2
4.	No. of members added this year	29

30. Details of eminent personalities visited in the department

**Dr.A.Paslithil, Dr.P.Sanal Mohan, Dr.M.Desayar, Dr.T.M.Vijayan, Dr.Maria John, Dr.N. Shaik Masthan, DR.S.S.Sundaram, Dr.M.T.Narayanan, Dr. P.Sarveswaran**

31. Details of awards received by faculty/ staff/ students.

**Dr.K.K.Kusuman Endowment Award 2019 to Ms. Reni Anna Philip**

32. Other major achievements and activities, including invited lectures, interactions, get together etc.

**1. Organised National Seminar on 'History of Kerala: Society and Law' & Dr.K.K.Kusuman Commemoration Lecture on 18<sup>th</sup> March 2019.**

**2. Organised Special Lecture, delivered by Dr.A.Paslithil, Professor & Head, Department of History, Sree Sankaracharya University of Sanskrit, Kalady, Thrissur on the topic *Human Rights in the Context of Contemporary India* on 16<sup>th</sup> December 2019 in the Department of History, University of Kerala, Kariavattom.**

#### **C. CONTRIBUTION AT INDIVIDUAL LEVEL**

(i) **Dr.V.Sathish**, Associate Professor & Head

(ii) **Dr.P. Jinimon**, Assistant Professor

(iii) **Ms.Sajna.A**, Assistant Professor—

25. Articles published in scholarly magazines.

**Dr.V.Sathish, Associate Professor & Head**

- Published an article, entitled 'Unearthing the Past' along with Dr.P.Jinimon, Assistant Professor of this Department, in *Kerala Calling*, published by the Director & Public Relation Department, Government of Kerala, Thiruvananthapuram on 1<sup>st</sup> January 2019.

**Dr.P.Jinimon, Assistant Professor**

- Published an article, entitled 'Unearthing the Past' along with Dr.V.Sathish, Associate Professor & Head of this Department, in *Kerala Calling*, published by the Director & Public Relation Department, Government of Kerala, Thiruvananthapuram on 1<sup>st</sup> January 2019.

**Ms. Sajna.A, Assistant Professor**

- **Published an article "Temple Entry Movement a Civic or Religious Right?" In *On the Contours of Marginalisation: Voice of the Voiceless*, ed. by Keerthana Santhosh, Walnut Publication, Thuthukudi, 2019.**

26. No. of PhD theses awarded.

Dr.V.Sathish, Associate Professor & Head : 3

27. No. of PhD theses submitted

Dr.V.Sathish, Associate Professor & Head : 3

28. No. of M. Phil dissertations awarded - 6 nos.

29. No. of M. Phil dissertations submitted - 6 nos.

30. No. of workshops/FDPs/short term courses/conferences attended

**Dr.V.Sathish, Associate Professor & Head**

- **Being the Chairman, Board of Studies (PG) in History, Organized Workshop for the Revision of Syllabus of M.A Degree (Regular, CSS and Distance Education) Programme in History (Syllabus Revision from 2019 onwards)**
- **Being the Chairman, Board of Studies (PG) in History, Organized Workshop for the Revision of Syllabus of M.Phil Programme in History (Syllabus Revision from 2019 onwards)**

**Dr.P.Jinimon, Assistant Professor**

- **Participated in One Day Workshop on outcome Based Education held on 23<sup>rd</sup> July 2019 at Aquatic Biology Hall, University of Kerala, Karyavattom**

- Attended the Workshop for the Revision of Syllabus of M.A Degree (Regular, CSS and Distance Education) Programme in History
- Attended the Workshop for the Revision of Syllabus of M.Phil Programme in History

**Dr.P.Jinimon, Assistant Professor**

No. of papers published as chapters in books - 1

- ‘Sree Narayana Prasthanathinte Charithra Douthyam’ in K.K.Shine (ed.), *Sree Narayana Guru Kerala Navodhanathinte Raja Shilpi*, ISBN 9387014932, Kerala Book Trust, Kozhikode.

31. Involvement in academic bodies as dean, academic council/ board of studies member etc.

**Dr.V.Sathish, Associate Professor & Head**

- Honorary Director, Mahatma Ayyankali Chair, University of Kerala, Thiruvananthapuram
- Editor, Journal of Indian History
- Editor, Journal of Kerala Studies
- Member, Academic Council, University of Kerala, Thiruvananthapuram
- Member, Board of Studies, University of Kerala, Thiruvananthapuram
- Nominee of Hon’ble Vice-Chancellor, University of Kerala, Thiruvananthapuram to the Board of Studies (BA), Mar-Ivanious College, Thiruvananthapuram (Autonomous)
- Nominee of Honourable Vice Chancellor, University of Kerala, Board of Studies for BA History, Fathima Matha College, Kollam (Autonomous)
- Nominee of Honourable Vice Chancellor to Indian Council for Cultural Relations, New Delhi to chair at Universities abroad
- Nominee of Honourable Vice Chancellor for the selection of Assistant Professor in History, University of Kerala
- Subject Expert, Kerala Public Service Commission, Thiruvananthapuram
- Member, Indian Historical Records Committee National Archives of India, dated 27<sup>th</sup> December 2017, Government of India, Ministry of Culture, Janpat, New Delhi.
- Member, Expert Committee of Departments of Cultural Affairs, Archives & Archaeology, Government of Kerala, Thiruvananthapuram.
- Member, Governing Council of Centre for Parliamentary Studies and Training, Kerala Legislative Secretariat, Thiruvananthapuram.
- Subject Expert, Affiliated Colleges coming under Collegiate Education Department, Thiruvananthapuram
- Subject Expert, Nominee of Honourable Vice Chancellor for the Screening cum Evaluation Committee for the promotion of Faculty Members
- Chairman, Doctoral Committee, University of Kerala, Thiruvananthapuram
- Chairman, Ph.D Course Work Examination, University of Kerala, Thiruvananthapuram

- Chairman, Entrance Examination for Post Graduate Course in History
- Convenor, Pre-Submission Seminar to Ph.D Thesis
- Life Member, South Indian History Congress
- Life Member, Association of Third World Studies (South Asia Chapter), Bangalore, India
- Member, Calcutta History Congress, Calcutta
- Member, Post Graduate Board of Studies, University of Kerala, Thiruvananthapuram
- Member, Faculty of Social Sciences, University of Kerala, Thiruvananthapuram
- Member, Expert Committee for the preparation of Master Plan for the Department of Cultural Archives & Archaeology, Government of Kerala, Thiruvananthapuram
- Chairman, PG Board of Studies University of Kerala, Thiruvananthapuram
- Chairman, Board of Adjudicators for Ph.D Viva-voce Examination in various Universities
- Chairman, MA Entrance Examination, University of Kerala, Thiruvananthapuram
- Chairman, M.Phil Entrance Examination, University of Kerala, Thiruvananthapuram
- Subject Expert nominated by Honourable Vice Chancellor for the affiliation of Degree & PG Courses in History, coming under Affiliated, Autonomous and Self-financing Colleges.
- Member of Advisory Committee of Research Journal of Department of History, Thunjathezhuthachan Malayalam University, Malappuram

**Dr.P.Jinimon, Assistant Professor**

- Member Pass Board BA (History)
  - Co-ordinator, of **Sree Narayana Guru and Kalavankodam Mirror Installation-Documentation** under International Centre for Sree Narayana Guru Studies, University of Kerala
32. Service as reviewer of journals/ seminar papers (give details)

**Dr.V.Sathish, Associate Professor & Head**

- Editor, Journal of Indian History
- Editor, Journal of Kerala Studies

**Dr.P.Jinimon, Assistant Professor**

- Member Advisory Board *Discourses on Social Sciences* Sree Sankara Vidya Peedam College, Irappuram, Ernakulam
33. Served as Chair/ member of committees/ boards/ councils/ commissions etc.

**Dr.V.Sathish, Associate Professor & Head**

- Honorary Director, Mahatma Ayyankali Chair, University of Kerala, Thiruvananthapuram
- Editor, Journal of Indian History
- Editor, Journal of Kerala Studies
- Member, Academic Council, University of Kerala, Thiruvananthapuram

- Member, Board of Studies, University of Kerala, Thiruvananthapuram
  - Nominee of Hon'ble Vice-Chancellor, University of Kerala, Thiruvananthapuram to the Board of Studies (BA), Mar-Ivanious College, Thiruvananthapuram (Autonomous)
  - Nominee of Honourable Vice Chancellor, University of Kerala, Board of Studies for BA History, Fathima Matha College, Kollam (Autonomous)
  - Nominee of Honourable Vice Chancellor to Indian Council for Cultural Relations, New Delhi to chair at Universities abroad
  - Nominee of Honourable Vice Chancellor for the selection of Assistant Professor in History, University of Kerala
  - Subject Expert, Kerala Public Service Commission, Thiruvananthapuram
  - Member, Indian Historical Records Committee National Archives of India, dated 27<sup>th</sup> December 2017, Government of India, Ministry of Culture, Janpat, New Delhi.
  - Member, Expert Committee of Departments of Cultural Affairs, Archives & Archaeology, Government of Kerala, Thiruvananthapuram.
  - Member, Governing Council of Centre for Parliamentary Studies and Training, Kerala Legislative Secretariat, Thiruvananthapuram.
  - Subject Expert, Affiliated Colleges coming under Collegiate Education Department, Thiruvananthapuram
  - Subject Expert, Nominee of Honourable Vice Chancellor for the Screening cum Evaluation Committee for the promotion of Faculty Members
  - Chairman, Doctoral Committee, University of Kerala, Thiruvananthapuram
  - Chairman, Ph.D Course Work Examination, University of Kerala, Thiruvananthapuram
  - Chairman, Entrance Examination for Post Graduate Course in History
  - Convenor, Pre-Submission Seminar to Ph.D Thesis
  - Life Member, South Indian History Congress
  - Life Member, Association of Third World Studies (South Asia Chapter), Bangalore, India
  - Member, Calcutta History Congress, Calcutta
  - Member, Post Graduate Board of Studies, University of Kerala, Thiruvananthapuram
  - Member, Faculty of Social Sciences, University of Kerala, Thiruvananthapuram
  - Member, Expert Committee for the preparation of Master Plan for the Department of Cultural Archives & Archaeology, Government of Kerala, Thiruvananthapuram
  - Chairman, PG Board of Studies University of Kerala, Thiruvananthapuram
  - Chairman, Board of Adjudicators for Ph.D Viva-voce Examination in various Universities
  - Chairman, MA Entrance Examination, University of Kerala, Thiruvananthapuram
  - Chairman, M.Phil Entrance Examination, University of Kerala, Thiruvananthapuram
  - Subject Expert nominated by Honourable Vice Chancellor for the affiliation of Degree & PG Courses in History, coming under Affiliated, Autonomous and Self-financing Colleges.
  - Member of Advisory Committee of Research Journal of Department of History, Thunjathezhuthachan Malayalam University, Malappuram
- Dr.P.Jinimon, Assistant Professor**
- Representative of Faculty, **Anti Ragging Committee**, University of Kerala, Thiruvananthapuram Vide U.Ono.Ad.DII/Anti Ragging -1/2018-19
  - Faculty Representative, **IQAC/NAAC Directorate**, Criteria V from History No.IQAC/NAAC Directorate, Thiruvananthapuram, dated 02/05/2019
34. Public talks/ discussions over AIR/ television channels
- Dr.P.Jinimon, Assistant Professor**
- Attended as Resource Person in the inauguration of **Sree Narayana Guru and Kalavankodam Mirror Installation- Documentation** under International Centre for Sree Narayana Guru Studies, University of Kerala on 14<sup>th</sup> March 2019 at Kakavankodam
35. Any other activities.
- Dr. V. Sathish, Associate Professor & Head**
- Published an article, entitled 'Unearthing the Past' along with Dr.P.Jinimon, Assistant Professor of this Department, in *Kerala Calling*, published by the Director & Public Relation Department, Government of Kerala, Thiruvananthapuram on 1<sup>st</sup> January 2019.
  - Being the Supervising Teacher, enabled the Research Scholar, Ms. Sandhya.M.Unnikrishnan (Part-time Research Scholar) who has pursued research leading to Ph.D under my supervision to conduct Pre-submission Seminar of Ph.D on the topic, *Re-reading Yakshi Cult in Kerala : A Historical Quest* on 18<sup>th</sup> January 2019.
  - Being the Chairman, Board of Studies (PG) in History, organized three days Workshop for the Revision of Syllabus of Postgraduate Degree (Regular, SDE and CSS) Programme on 23-25 January, 2019.
  - Being the Supervising Teacher, enabled the Research Scholar, Ms. Vijayakumari.K (Part-time Research Scholar) who has pursued research leading to Ph.D under my supervision to conduct Open Defence Examination, on the topic, **Koragas of Kasaragod : Education, Social Change and Cultural Identity** on 30<sup>th</sup> January 2019.
  - Being the Supervising Teacher, enabled the Research Scholar, Ms. Sandhya M.Unnikrishnan (Part-time Research Scholar) who has pursued research leading to Ph.D under my supervision to

- submit thesis, entitled *Re-reading Yakshi Cult in Kerala : A Historical Quest* on 31<sup>st</sup> January 2019.
- Being the Supervising Teacher, enabled the Research Scholar, Ms. Vijayakumari.K (Part-time Research Scholar) who had pursued research leading to Ph.D under my supervision for the awarded of Ph.D Degree by the University of Kerala, Thiruvananthapuram on 1<sup>st</sup> February 2019.
  - Submitted Evaluation Report of Ph.D Thesis of Archana.N on '*Social and Cultural Life of Kani Tribes in Kanyakumari District – A Study*' pursued under the supervision of Dr.B. Jayabalakrishnan, Assistant Professor, Department of History, Thirukolaniappara, Government Arts College, Vridhachalam, to Bharathiar University, Coimbatore, Tamilnadu on 15<sup>th</sup> February 2019.
  - Attended Board of Studies Meeting, held on 6<sup>th</sup> March 2019 in the Fatima Mata National College (Autonomous), Kollam as Nominee of Hon'ble Vice-Chancellor, University of Kerala, Thiruvananthapuram.
  - Convened meeting of Special Board of Studies (PG) in History on 1<sup>st</sup> March, 2019
  - Attended meeting of Faculty of Social Sciences, convened by Dean, Faculty of Social Sciences in the Department of Political Sciences, University of Kerala, Kariavattom on 1<sup>st</sup> March, 2019
  - Submitted Evaluation Report of Ph.D Thesis of Sri.S.R.Saumya Raj on *The Contributions of Nair Service Society (NSS) to the Empowerment of Women in Kerala – A Study* pursued under the supervision of Dr.C. Nadarajan, Associate Professor, Department of History, Annamalai University, to Annamalai University, Tamilnadu on 8<sup>th</sup> March 2019.
  - Attended meeting of the Academic Council held at University Buildings, Thiruvananthapuram on 13<sup>th</sup> March 2019
  - Being the Convener & Head, organized One day National Seminar on 'History of Kerala : Society and Law' & D
  - Dr.K.K.Kusuman Commemoration Lecture at the Senate Chamber, University of Kerala, Thiruvananthapuram on 18<sup>th</sup> March 2019.
  - Chaired Session on 20<sup>th</sup> March 2019 conducted in Department of Political Science, University of Kerala, Kariavattom by Dr.Anu Unni in connection with three day International Seminar on "Secularism, Democracy and Nation Building : Nehru's Vision and Philosophy".
  - Being the Supervising Teacher, enabled the Research Scholar, Ms. Sajini.P (Part-time Research Scholar) who had pursued research leading to Ph.D under my supervision for the awarded of Ph.D Degree by the University of Kerala, Thiruvananthapuram on 20<sup>th</sup> June 2019.
  - Participated in the Screening cum Evaluation Committee meeting for the promotion of Ms.P.S.Bindu, Assistant Professor, Department of History, MES College, Kayamkulam from Grade I to II as Subject Expert on 4<sup>th</sup> April 2019.
  - Participated in the Screening cum Evaluation Committee for assessing placement proposals of Teachers in the Department of History, University College, Thiruvananthapuram as Subject Expert on 14<sup>th</sup> June 2019.
  - Participated in the Screening cum Evaluation Committee meeting, convened at 2 pm on 14<sup>th</sup> May 2019 in the Christian College, Kattakkada in connection with the promotion of Dr.T.Rajesh, Assistant Professor of History, from Grade II to III as Subject Expert on 4<sup>th</sup> April 2019.
  - Participated in the Screening cum Evaluation Committee for assessing placement/Promotion proposals of Teachers in the Department of History, NSS College, Nilamel in respect of Dr.C.G.Rajasekharan Nair and Shri.S.Ajayakumar to Associate Professor & Assistant Professor Stage II respectively as Subject Expert on 14<sup>th</sup> June 2019.
  - Attended Screening cum Evaluation Committee for the placement of promotion of Ms.Sandhya.J.Nair, Assistant Professor, Department of History, Government College, Attingal as Subject Expert on 17<sup>th</sup> June 2019.
  - Attended Doctoral Committee Meeting (Advisory Board) on 5<sup>th</sup> April 2019, convened by Thunjath Ezhuthachan Malayalam University, Trissur, Malappuram in its premises as Subject Expert on 5<sup>th</sup> April 2019.
  - Attended Meeting of Chairman, Board of Studies, convened by Hon'ble Vice Chancellor at Senate Chamber, University of Kerala, Thiruvananthapuram on 14<sup>th</sup> May 2019 (10 am).
  - Being the Supervising Teacher, enabled the Research Scholar, Ms. Sajini.P (Part-time Research Scholar) who has pursued research leading to Ph.D under my supervision to conduct Open Defence Examination, on the topic, ***Making of Gender Identities in Colonial Travancore*** on 12<sup>th</sup> June 2019.
  - Attended Board of Studies (BA Pass) in History Meeting, in Faculty of Social Sciences convened at University of Kerala, Thiruvananthapuram on 18<sup>th</sup> June 2019
  - Participated in One day Workshop on 'Outcome Based Education' held at Department of Aquatic Biology on 23/07/21019 under the auspices of University of Kerala, Thiruvananthapuram
  - Conducted Ph.D Viva Voce Examination on 9<sup>th</sup> August 2019 in the Department of History and Tourism, Bharathiar University, Coimbatore, Tamil Nadu as External Examiner.
  - Attended Senate Meeting held at Senate Chamber, University of Kerala, Thiruvananthapuram on 22/08/2019 as well as the availing of D Lit to Shri. Chris Gopalakrishnan
  - Being the Supervising Teacher, enabled the Research Scholar, Ms. Gomathy.L.S (Full-time Research Scholar) who had pursued research leading to Ph.D under my supervision to conduct Open Defence Examination, on the topic,

***Historicising Tamil Brahmin Migrations and settlement in Kerala*** on 26<sup>th</sup> August 2019.

- Attended meeting of the “Study on Archives Guideline” held under the auspices of Department of Archives, Kerala State, Thiruvananthapuram on 05/09/2019.
- Participated in the meeting of Academic Council on 06/09/2019 at Senate Chamber, University of Kerala, Thiruvananthapuram
- Being the Supervising Teacher, enabled the Research Scholar, Shri. Ashik Pradeep.V Das (Full-time Research Scholar) who had pursued research leading to Ph.D under my supervision to conduct Pre-submission Seminar, on the topic, ***DEMISTIFYING TRANSITION AND INEQUALITY IN THE HEALTH SECTOR: A HISTORICAL ANALYSIS*** on 30<sup>th</sup> September 2019.
- Being the Supervising Teacher, enabled the Research Scholar, Ms. Lynas Das (Full-time Research Scholar) who had pursued research leading to Ph.D under my supervision to conduct Pre-submission Seminar, on the topic, ***Christian Missionaries and the Empowerment of Women in Travancore (1806-1949): A Historical Reading*** on 30<sup>th</sup> September 2019.
- Being the Supervising Teacher, enabled the Research Scholar, **Shri. Ashik Pradeep.V** (Full-time Research Scholar) who has pursued research leading to Ph.D under my supervision to submit thesis, entitled ***DEMISTIFYING TRANSITION AND INEQUALITY IN THE HEALTH SECTOR: A HISTORICAL ANALYSIS*** on 18<sup>th</sup> November 2019.
- Being the Supervising Teacher, enabled the Research Scholar, **Ms.Lyna Das** (Full-time Research Scholar) who has pursued research leading to Ph.D under my supervision to submit thesis, entitled ***Christian Missionaries and the Empowerment of Women in Travancore (1806-1949): A Historical Reading*** on 18<sup>th</sup> November 2019.
- Nominated as **Member of Advisory Committee of Research Journal of Department of History, Thunjathezhuthachan Malayalam University, Malappuram** by Hon’ble Vice Chancellor, Thunjathezhuthachan Malayalam University, Malappuram *Vide* U.O.No. 2825/A1/2019/Admn, dated, 22/10/2019.
- Submitted Ph.D. Thesis Evaluation Report of **Ms. Vijaya Chitra Devi**, entitled, ***Social and Educational works of Basic Christian Communities in Tamil Nadu*** to MS University, Tirunelveli in the discipline of History on 4<sup>th</sup> October 2019.
- Submitted Ph.D. Thesis Evaluation Report of **Mr.C. Chandrasekhar**, entitled, ***History and Culture of the Tribes in Tamil Nadu – A Study*** to Bharathiar University, Coimbatore in the discipline of History on 4<sup>th</sup> October 2019.
- Submitted Ph.D. Thesis Evaluation Report of **Shri. N.Kathiravan**, entitled, ***Water Rights and Irrigation System in Kaveri Delta from C.850***

***AD to 1300 AD*** to Bharathidasan University, Thiruchirappalli in the discipline of History on 11<sup>th</sup> October 2019.

- Participated in the Screening-cum-Evaluation Committee for the assessment/Placement/Promotion of Teacher of **Dr.TB. Premjith Kumar**, Promotion of Assistant Professor, Department of History, Christian College, Kattakada (from 1<sup>st</sup> to 2<sup>nd</sup> stage) on 1<sup>st</sup> October 2019.
- Participated in the Screening-cum-Evaluation Committee for the assessment/Placement/Promotion of Teacher, **Dr. N. Pramod**, Assistant Professor, VTMNSS College, Dhanuvachapuram from stage 1 to 2 on 4<sup>th</sup> October 2019.
- Participated in the Screening-cum-Evaluation Committee for the assessment/Placement/Promotion of Teachers, **Dr. S.Rahmath, Dr.A.Sanitha Beevi, Dr.Adabiya & Dr.Sumesh**, Assistant Professors, Iqbal College, Peringamala from stage 1 to 2 on 11<sup>th</sup> November 2019.
- Participated in the Screening-cum-Evaluation Committee for the assessment/Placement/Promotion of Teacher, **Ms. Lalini.M**, Assistant Professor, SN College for Women, Kollam from stage 1 to 2 on 25<sup>th</sup> November 2019.
- Being the Chairman, Doctoral Committee conducted Evaluation of Dissertation & Viva-Voce Examination of the candidates of M.Phil Programme (2018-19 Admission) of Department of History, Government University College, Thiruvananthapuram in the discipline of History on 30<sup>th</sup> and 31<sup>st</sup> December 2019.
- Attended meeting of Faculty of Social Sciences as Chairman, Board of Studies (PG) in History, conducted at Dean’s Room, University of Kerala, Thiruvananthapuram on 30<sup>th</sup> October 2019.
- Participated in Public Lectures of Prof. Jnan Fernando Calderon Gntieerez, Director of Research, National University of San Martin, Argentina, organized by the Kerala Council for Historical Research (KCHR) on 16<sup>th</sup> October 2019 at Mascot Hotel, Thiruvananthapuram.

**Dr.P.Jinimon, Assistant Professor**

- **Member, High level Committee** constituter under the Kerala Protection of River Banks and Regulation of removal of Sand Act 2001 Kerala Gazette ( Extra Ordinary) 25<sup>th</sup> February 2017 Government of Kerala, Thiruvananthapuram.
- Working as Co-ordinator, of **Sree Narayana Guru and Kalavamkodam Mirror Installation-Documentation** under International Centre for Sree Narayana Guru Studies, University of Kerala
- Participated in One Day Workshop on outcome Based Education held on 23<sup>rd</sup> July 2019 at Aquatic Biology Hall, University of Kerala, Karyavattom.

**Ms. Sajna.A, Assistant Professor**

- Submitted my Ph.D thesis on 4 April 2019 to the University of Kerala.
- Participated in one day workshop on ‘outcome based education held on 23-07-2019 organised by the University of Kerala.

# DEPARTMENT OF ISLAMIC STUDIES

Year of Establishment : 1991

Faculty of Islamic History

## A. Department Profile

### 1. Teaching Staff

Sl. No.	Name (in the order of seniority)	Gender (M/F/TG)	Qualifications (Highest two)	Designation
1.	Dr. A.K. Ampotti	M	MA Islamic History and English Ph.D in Islamic History	Assistant Professor
2.	Sri. A. Asharaf	M	MA Islamic History MPhil – West Asian Studies – JNU Fellowship, American University in Cairo (AUC)	Assistant Professor

### 2. Administrative Staff - 3 (2 M/1 F)

### 3. Programmes offered

Name of Programme	Strength		Female	Trans-gender	SC	ST	Other reserved Categories	Outside State	Foreign
	Sanctioned (including marginal increase)	Actual							
Masters Islamic History	12	10	07	Nil	02	Nil	09 SEBC	Nil	Nil
Masters West Asian Studies	14	10	04	Nil	Nil	Nil	06 SEBC	Nil	Nil
M.Phil Islamic History	01	01	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Ph.D	08	07	04	Nil	Nil	Nil	02 SEBC	Nil	Nil

**Note : Pass %: Not applicable**

## B. COMMON ACTIVITIES

1.	No. of Ph.D Thesis submitted	04
2.	No. of M.Phil dissertations awarded	01

### 3. Details of Library Books/Journals

Sl. o.	Details	
1.	Whether the library is automated	Yes
2.	No. of Books in Stock as on January, 1, 2019	7419
3.	No. of Books added this year	242
4.	No. of offline Journal subscribed	09
5.	No. of online Journals subscribed	Nil
6.	No. of online Books available	Nil
7.	Amount spend for purchase of books	4,49,499/-



4. Details of international / national conferences / seminars /workshops organized by the Department.

Sl. No.	Name of the Conferences / Seminars / Workshops	International / National	Sponsoring Agency	Date of the Conference / Seminar / Workshop	No. of participants (show foreign and outside state participants separately)
1.	Freedom and Partition: Problematising the Communal Question	National	University of Kerala	14 – 16 March, 2019	80 Nos. Foreign : Nil Outside : 5

5. Details of alumni Association

Sl. No.	Details	
1.	Name of the Association	IHSF – Islamic History Students Forum
2.	Registered or not	Not registered
3.	No. of meetings held this year	02
4.	No. of members added this year	02

**C. CONTRIBUTION AT INDIVIDUAL LEVEL**

Name of Faculty : Dr. A.K. Ampotti, Assistant Professor and HoD		
1	No. of Papers published in other peer reviewed journals with ISSN etc.	01
2	No. of presentations in conferences / seminars (indicate oral / poster)	05 – Oral
3	No. of Ph.D Thesis submitted	04
4	No. of M.Phil dissertations awarded	01
5	Involvement in academic bodies as dean, academic council / board of studies member etc.	Board of Studies Chairman
6	Served as Chair / Member of Committees / Boards / Councils / Commissions etc.	Member – Finance Committee

Name of Faculty : Asharaf A, Assistant Professor		
1	No. of papers / abstracts published in conference proceedings with ISBN	03
2	No. of presentations in conferences / seminars (indicate oral / poster)	04
3	No. of articles published in scholarly magazines, bulletins or news papers	04
4	No. of workshops / FDPs / short term courses / conferences attended	04
5	Public Talks / Discussions over AIR / Television channels	20
6	Any other activities	Contributed the service in shaping the Cheraman Museum for Kerala Muslim Heritage, a Muzris Project of Government of Kerala

# DEPARTMENT OF PHILOSOPHY

Year of establishment: 1985

Faculty of Arts

## A. Department Profile

### 33. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Dr. Beena Isaac	F	MA.Ph.D.	Professor
2	Dr. Binu G. Bheemnath	M	MA, M.Phil. PhD.	Assistant Professor

34. Administrative staff - 2 nos. (1M/1F)

35. Programmes offered

Name of programme	strength		Female	Transgender	SC	ST	Other reserved categories	Out-side state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actual								
Masters (MA)	24	16	12	0	1	0	7	0	1	
(M.Phil.)	4	4	3	0	1	0	3	0	0	
PhD	4	4	1	0	2	0	2	0	0	
Post Doc	2		0	0	0	0	1	0	0	

## B. COMMON ACTIVITIES

- Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.
  - Philosophical counselling for beginners published by Southern book star, Thiruvananthapuram-New Delhi – ISBN No. 81-86660-35-6**
- Details of book edited/ published by the faculty members of the department with title, ISBN, publisher, month/ year.
  - The words of wisdom for hermeneutical Awareness- Book-Philosophical perspectives of hermeneutical published by Govt. College for women- Thiruvananthapuram. ISBN No. 978-81923313-0-0**
- No. of PhD theses awarded. **1**
- No. of PhD theses submitted. **2**
- No. of M. Phil dissertations awarded. **2**
- No. of M. Phil dissertations submitted. **2**
- Students who cleared GATE/NET/SET etc. - 1 no (NET)
- No of funded projects active during the year: (Project name, funding agency, total outlay)
  - Innovative Project, Studying the counselling Aspects in Philosophy in Yogasutra, University of Kerala**
- Details of community outreach programmes (Please give a brief description)

- International Yoga day celebration**
- Other major achievements and activities, including invited lectures, interactions, get together etc.
- Started Centre for Philosophical Counselling & Research**

## C. CONTRIBUTION AT INDIVIDUAL LEVEL

- Name of faculty: 1. Dr. Beena Isaac, Professor
- Dr. Binu. G.Bheemnath, Assistant Professor
- No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.
  - The cogent mental health therapy: A Holistic Vision of Philosophical Counselling ISDA Journal-ISSN-09712550**
- No. of book edited/ published with ISBN
  - Philosophical counselling for beginners published by Southern book star, Thiruvananthapuram-New Delhi – ISBN No. 81-86660-35-6**
- No. of PhD theses awarded **1**
- No. of PhD thesis submitted **2**
- No. of MPhil dissertations awarded **2**
- No. of MPhil dissertations submitted **2**
- Any other activities.
  - Debate Club, Film Club, Sports Club
  - Post-doctoral fellow –Sponsored by Indian Council for Philosophical Research.

# DEPARTMENT OF POLITICAL SCIENCE

Year of establishment:1957

School of SOCIAL SCIENCE

## A. DEPARTMENT PROFILE

### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1.	Dr.Sajad Ibrahim.K.M	Professor&Head	Male	M.A & PhD
2	Dr. Shaji Varkey	Professor	Male	M.A & PhD
3	Dr. Suresh .R	Professor	Male	MPhil & PhD
4	Dr. Josukutty. C.A	Associate Professor	Male	MPhil & PhD
5	Dr.SamuelJ. Kuruvilla	Assistant Professor	Male	MPhil & PhD
6	Dr.Anu Unny	Assistant Professor	Female	MPhil & PhD

### 2. Administrative staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Designation
1.	Mr SANTHOSH.G.NAIR	(MALE)	ADMINISTRATIVE OFFICER
2.	Mrs.REJI.R.NATH	(FEMALE)	ASSISTANT

### 3. Programmes offered

Name of programme	strength	Fe- male	Trans- gender	SC	ST	Other re- served cate- gories	Out- side state	For- eign	Pass %
	Sanc- tioned(In- cluding marginal increase)	Actual							
Masters (.M.A.Po- litical Sci- ence..First and final year..)	63	45		12	1			3	
M.A Pub- lic Admin- istration	12	8	-----	2					
M.Phil (.....)	11	8		3	1				
PhD	38 26 (full time)	12(part time)	14	3	1			3	
Post Doc	1	1							
Others									

## B. COMMON ACTIVITIES

1. Journals, if any, published by the Dept. with ISSN, No of issues/year, index details, if any
2. Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.
- **K.M.Sajad Ibrahim (2019)**, “Decisive Vote for UDF in Kerala”, Economic and Political Weekly, Vol. 54, No. 34, 24 Aug, 2019, pp. 16-18 ISSN: 0012-9976
3. Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.

### Dr.Sajad Ibrahim.K.M

“UDF Wave Eliminated LDF and BJP in Kerala”, Social Science in Perspective ,Vol 11, Issue.3 & 4, July-December. ISSN: 0975-5497

**Dr.Josukutty C.A.** (2019), Nineteenth Lok Sabh Elections: Factors and Issues ( UGC approved .No. 63880 in Social Science ISSN 09755497) , Social Science in Perspective, October-December 2019, Vol. 10, No. 3 pp.315-334, ISSN 0975-5497

**Dr.Anu Unny** Article on ‘Crisis of Marxism and the New Left Project’; Anu Unny & Linesh V.V, “*Social Science Researcher*”, ISSN 2319-8362, P. 27 to 36, February 2019

Article on Historical Narrative of India’s STI Policy, Journal of Science, Technology and Innovation Policy, December 2019. ISSN 2550-2019, Universiti Teknologi Malaysia

4. Details of book edited/ published by the faculty members of the department with title, ISBN, publisher, month/ year.

**Dr.Sajad Ibrahim.K.M** K.M.Sajad Ibrahim (2019), Twenty First Century Unrest in West Asia: Socio-Economic and Political Scenario (Delhi: New Century Publications, 2019) ISBN: 9788177084788

### Dr.Samuel.J.Kuruville

- a. ‘Gender and Politics: Emerging Trends and Issues’ Kollam: Pravda Books, February 2019, ISBN: 9788194025139
  - b. ‘Politics and Gender: New Issues and Trends,’ Kollam: Pravda Books, February 2019, ISBN:9788194025146
5. Details of papers published by the faculty members of the department as chapters in books with details such as title of the paper, title of the book, editors, publisher, etc.

**Dr.SajadIbrahim.K.M:**“*Hamas-Fatah Contradictions and Their Impact on Palestinian Movements*”, in K.M.Sajad Ibrahim (2019), Twenty First Century Unrest in West Asia: Socio-Economic and Political Scenario (Delhi: New Century Publications, 2019)

### Dr.Josukutty C.A.

- “Nature and Dynamics of Religion Oriented Politics in Kerala”, in Narender Kumar(etc.),

Politics and Religion in India, Routledge, New York , pp-124-38.

- “The Maritime Transformation of Asia-Pacific: Interdependence and Security: Indian and Japanese Visions” in India and Japan ; Growing Partnership and Opportunities for Cooperation, CPPR-Centre for Strategic Studies, Kochi , pp- 27-37, 2018, ISBN (E-book edition):978-81-930004-6-5.
6. Details of papers/ abstracts published by the faculty members of the department in conference proceedings with ISBN, month/ year, indexing details if any etc.

### Dr.Anu Unny

Article on Historical Narrative of India’s STI Policy, Journal of Science, Technology and Innovation Policy, December 2019. ISSN 2550-2019, Universiti Teknologi Malaysia

7. Details of articles published by the faculty members of the department in scholarly magazines, bulletins or news papers.

**K.M.Sajad Ibrahim** (2019), “Socio-Economic Transformation of Saudi Arabia under Crown Prince Mohammed Bin Salman”, *Diplomacy& Beyond Plus (A Journal of Foreign Policy and National Affairs)*, April, pp.22-24.

“Strengthening Defence Ties”, *Diplomacy & Beyond Plus (A Journal of Foreign Policy and National Affairs)*, 26 January, pp.24-25.

### Dr.Josukutty C.A.

- Article on Shut down in the US on Wall , 12-01-2019 Kerala Kaumudi
- Article on Politics of Lok Sabha Elections 19-01-2019 Kerala Kaumudi
- Article on What wars leave Behind – Lokhaveedi 28-01-2019 Kerala Kaumudi
- Article on West Against China 14-02-2019 Kerala Kaumudi
- Article on Kashmir on the boil 16-02-2019 Kerala Kaumudi
- Article on diplomatic victory for India 02-03-2019 Kerala Kaumudi
- Article on alliance politics 14-03-2019 Kerala Kaumudi
- Article on China the Cheat 16-03-2019 Kerala Kaumudi
- Article on Perception creation in campaign politics 26-03-2019 Kerala Kaumudi
- Article on US election 29-04-2019 Kerala Kaumudi
- .Article on Ban Masood 03-05-2019 Kerala Kaumudi
- Article on India-US stand off 13-05-2019 Kerala Kaumudi
- Article on Kerala Lok Sabha Elections 20-05-2019 Kerala Kaumudi
- Article on G-20 Summit at Osaka Japan 02-07-2019 Kerala Kaumudi Article on
- Article on War Clouds in West Asia 11-07-2019 Kerala Kaumudi

- Article on Increasing tension in West Asia 24-07-2019 Kerala Kaumudi
- Article on U S Politics- "Go Back and Send Her Back" 01-08-2019 Kerala Kaumudi
- Article on Kashmir, To regain the Lost Heaven, 06-08-2019 Kerala Kaumudi
- Article on Kashmir and China 20-08-2019 Kerala
- Article on Protests in Hongkong 23-08-2019 Kerala Kaumudi
- Article on article on wrong signals in Indo-US relations 29-08-2019 Kerala Kaumudi
- Article on impeachment threat for Trump 30- 09-2019 Kerala Kaumudi
- Article on India- China Summit: From Wuhan to Mahabalipuram 09-10-2019 Kerala Kaumudi
- Article on India- China Summit: A Success 13-10-2019 Kerala Kaumudi
- Article on Setback for ISIS 28-10-2019 Kerala Kaumudi
- Article on Trump Impeachment 06-12-2019,
- Article on Death Penalty for Musharaf 18-12-2019,
- Article on An impeachment mired in political games. 21-12-2019, kerala kaumudi,
- Article on The world in the last decade , Kerala kaumudi 31-12-2019,

**Dr.Anu Unny**

Article on 'Citizenship Amendment Act 2019: Undoing of Secular India' in 'rEach:Teach, Research and Reach out', in Vol 12, No.12, December 2019, P.6-9

8. Details of patents granted in 2019.
9. Details of patents requests filed in 2019 but pending at patent office.

10. Details of technology transfers.
11. No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any.)

**Dr.Josukutty C.A.**

- "Emerging Debt Trap Diplomacy and People to people Bonds in Belt and Road Initiative" National Social Science Fund of China, Chinese RMB 200, 000 (Indian Rupees 2025000/-) , 2019-22, Ongoing, Josukutty C.A- co-Investigator.
  - State of Politics Survey Midway Evaluation of LDF Government in Kerala, University of Kerala, March 2019, Rs. 400000/- Four lakhs, 2019-20, Ongoing, Josukutty C.A- Principal Investigator.
  - Role of States in India's foreign Policy. University of Kerala, Rs. 300000/- , 2018 -20, Ongoing Josukutty C.A- Principal Investigator.
  - Opinion Study on Entry of Women into Sabarimala: Issues involved, University of Kerala, Rs/- 1,78,800/- March 20-18-19 , Completed, Josukutty C.A- Principal Investigator.
  - Pre-poll study Pala, by-election, University of Kerala, Rs 80000/- 2019-20, Completed, Josukutty C.A- Principal Investigator.
12. Details of newsletters/ brochure/ bulletins/ published by the department.
  13. No. of PhD theses awarded.- one
  14. No. of PhD theses submitted.
  15. No. of M. Phil dissertations awarded
  16. No. of M. Phil dissertations submitted.
  17. Placement details of students. **NIL**

Sl No	Name of student	Name of course	Designation	Name of the company	Annual Pay
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18. Students who cleared GATE/NET/SET etc.

Sl No	Name of student	Name of course	Name of exam cleared
1	Kiran Raj	MPhil(2018-2019)	NET
2	JohnPonnuJoseph	MPhil(2018-2019)	NET
3	Ammu.S.Anil	M.A(2019-2021)	NET
4	NithinRaj Adithyan	M.A (2019-2021)	NET
5	Keerthy.A.M	M.A (2018-2020)	NET
6	Asha Pradeep	M.A (2018-2020)	NET
7	Vinishy.PK PhD	NET	
8	Thomas Mathew	PhD	NET

19. Details of Library books/ journals-Librarian-Ms.Kumari Rejitha

Sl. No	Details
1.	Whether the library is automated No
2.	No. of books in stock as on Jan 1,2019 22477
3.	No. of books added this year 171
4.	No. of offline journal subscribed 10

5.	No. of online journals subscribed	Nil
6.	No. of online books available	Nil
7.	Amount spend for purchase of books	550000/-(from plan and nonplan)

20. No of funded projects active during the year:

(Project name, funding agency, total outlay)

21. Details of international/ national conferences/ seminars/workshops organized by the department.

**Dr.Samuel.J.Kuruville**

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/ seminar/ workshop	No. of participants (Show foreign and outside state participants separately)
Dr. Samuel J. Kuruville	'ELECTORAL POLITICS IN INDIA: DYNAMICS AND TRENDS,' two-day national seminar organised by the Dr. V. K. Sukumaran Nayar Chair for Parliamentary Affairs, Department of Political Science, University of Kerala	National	Dr. V. K. Sukumaran Nayar Chair for Parliamentary Affairs Endowment Fund	March 25-26, 2019	48 6 outside state participants 1 foreign participant
Dr.Anu Unny	Presented Paper on 'Women and Climate Change Vulnerability in India' at the International Conference in National University of Singapore on 13-14 November 2019 Presented Paper on Development of Science, Technology and Innovation in India: Opportunities and Challenges in Universiti Teknologi Malaysia, Malaysia on 7th and 8th November 2019				

22. Details of consultancy work active during the year.

Sl. No	Name of the project	Project Director	Sponsoring agency	Outlay	Duration
1	Mood of the Nation survey	Dr.Josukutty.C.A	Flowers channel, Kochi	15000/-	Two months

23. Major equipments purchased during the year.

Sl. No	Name of the equipment	Cost	Source of fund	Purpose/ use
1.	Sound System	80180	State Plan fund	Department seminar hall
2	Air conditioner	274316	State Plan fund	Department seminar hall
3	Wooden chair and table(14 each)	99203	State Plan fund	For students

24. Major developmental activity like construction etc.

Sl. No	Name of the activity	Cost	Source of fund	Purpose
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25. Details of syllabus revisions during the year (indicate major/ minor)
26. Details of community outreach programmes (Please give a brief description)
27. Adoption of villages/ colonies/ schools/ departments in colleges, if any with brief

- description.
28. Steps taken to make the department differently abled friendly.
29. Green initiatives/ waste management/ energy saving measures.
30. Details of alumni association.

Sl. No	Details
1.	Name of the association
2.	Registered or not
3.	No. of meetings held this year
4.	No. of members added this year
5.	Details of alumni contributions, including endowments, talks, donation etc

31. Details of eminent personalities visited in the department.
32. Details of awards received by faculty/ staff/ students.
33. Other major achievements and activities, including invited lectures, interactions, get

- together etc.
34. Details of International/ National/ State awards/ recognitions received
35. Important society chapters like IEEE, Aquatic association etc
36. Details of online courses offered

Sl. No	Details
1.	No. of MOOC courses offered
2.	Name of the coordinator
3.	No. of students enrolled for the course
4.	No. of students enrolled for online/ MOOC courses offered by other institutions

### C. CONTRIBUTION AT INDIVIDUAL LEVEL

1. Name of faculty: DR. Sajad Ibrahim K.M.
2. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.-One
3. No. of papers published in other peer reviewed journals with ISSN etc.-One
4. No. of book edited/ published with ISBN-One
5. No. of papers published as chapters in books -One
6. No. of papers/ abstracts published in conference proceedings with ISBN
7. No. of presentations in conferences/ seminars (indicate oral/ poster)-Three
8. No. of articles published in scholarly magazines, bulletins or news papers.-Three
9. No. of PhD theses awarded-One
10. No. of PhD thesis submitted
11. No. of MPhil dissertations awarded-Two
12. No. of MPhil dissertations submitted
13. No. of patents granted
14. No. of patents requests filed
15. No. of technology transfers

16. No. of MOOC/Online courses completed
17. No. of workshops/FDPs/short term courses/ conferences attended
18. No. of foreign visits for academic purposes
19. Involvement in academic bodies as dean, academic council/ board of studies member etc. Chairman of P.G.Board of Studies, University of Kerala, Member, Academic Council, University of Kerala
20. Service as reviewer of journals/ seminar papers (give details)
21. Served as Chair/ member of committees/ boards/ councils/ commissions etc.
22. Artistic performances held (fine arts faculty only)
23. Media productions (journalism only)
24. Activities in clubs, associations, NSS etc
25. Details of international/ national/ state awards/ recognitions received.
26. Public talks/ discussions over AIR/ television channels  
Leading contributions are in interviewed by Victers Channel on 17<sup>th</sup> March 2019.  
Interviewed by Media One in June 2019.

Participation in discussions in Asianet News, Media One and Doordarshan etc.

27. Any other activities.

1. Name of faculty: **Dr.Shaji Varkey**

2. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. Nil

3. No. of papers published in other peer reviewed journals with ISSN etc. Nil

4. No. of book edited/ published with ISBN Nil

5. No. of papers published as chapters in books Nil

6. No. of papers/ abstracts published in conference proceedings with ISBN

7. No. of presentations in conferences/ seminars (indicate oral/ poster)

Delivered a theme lecture on Post-Conflict Peace Building in Sri Lanka at the International Seminar on Political Dynamics of Sri Lanka: Implications for India and the Indian Ocean Region, Department of Political Science, Calicut University, 17-19 January, 2019.

Delivered a lecture on Marxism and Contemporary Global Crisis at the Marxism Conference, Bishop Moore College, Mavelikkara, 7-9 January, 2019.

Delivered the inaugural address on Dimensions of Political Science Teaching at the Syllabus Workshop, Department of Political Science, Government College, Kottayam, 10 January, 2019.

Delivered a special lecture on Political Dimensions of Intellectual Property Rights at the Three Day National Workshop on Intellectual Property Rights and Industry-Academia Interface at the Department of Political Science, St. Thomas College, Pala, 26-28 March, 2019.

Delivered a lecture on Contemporary Refugee Crisis at the inaugural session of the International Seminar on Forced Migrants, Refugees, Welfare Policies and State, Department of Sociology, University of Kerala, Thiruvananthapuram 2- 6 December 2019

Delivered the Valedictory address on the ' Dimensions of Secularism in Kerala' at the National Seminar on Civil Society, Secularism and Democracy: Contemporary Challenges, Department of Political Science, S N College, Kollam, 4-5 December, 2019.

Chaired the Valedictory meeting of the International Conference Geopolitics of Indo-Pacific: Perceptions, Opportunities and Challenges, Department of Political Science, University of Kerala, December 11-13, 2019..

8. No. of articles published in scholarly magazines, bulletins or news papers.

9. No. of PhD theses awarded

10. No. of PhD thesis submitted Nil

11. No. of MPhil dissertations awarded Two

12. No. of MPhil dissertations submitted Two

13. No. of patents granted Nil

14. No. of patents requests filed Nil

15. No. of technology transfers Nil

16. No. of MOOC/Online courses completed Nil

17. No. of workshops/FDPs/short term courses/ conferences attended Nil

18. No. of foreign visits for academic purposes Nil

19. Involvement in academic bodies as dean, academic council/ board of studies member etc.

Dean of Social Sciences, Kerala University; Dean of Social Sciences, Sree Sankara University of Sanskrit

Member Academic Council, Kerala University

Member, Senate, Kerala University

Director (I/C) Centre for Marxian Studies, Kerala University

Hon. Director, Centre for Latin American Studies

20. Service as reviewer of journals/ seminar papers (give details)

Reviewed seminar papers for Kerala State Higher Education Council

21. Served as Chair/ member of committees/ boards/ councils/ commissions etc.

Served as PhD adjudicator in JNU, Mahatma Gandhi University, Bangalore University, Osmania University and Madurai Kamaraj University

Member, Board of Studies in Political Science (Pass), Kerala University

22. Artistic performances held (fine arts faculty only) Nil

23. Media productions (journalism only)

24. Activities in clubs, associations, NSS etc

Executive Member, Kerala Sastra Sahitya Parishad, Campus Unit

25. Details of international/ national/ state awards/ recognitions received.

26. Public talks/ discussions over AIR/ television channels

Participated in discussions at AIR and Doordarshan

27. Any other activities.

1. Name of faculty: **Dr.Suresh.R**

2. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.

3. No. of papers published in other peer reviewed journals with ISSN etc.

4. No. of book edited/ published with ISBN-

• India's National Security: A Maritime Security Perspective, (Ed.) Vij Books India Pvt. Ltd. New Delhi 2020 ISBN 978-93-89620-06-1



- Globalization and Tribal Community's Rights in a Welfare State: Some Reflections on Kodagu (Coorg) , in Sudhir Singh (ed) Tribes of Coorg: The Changing Narratives, Gavrav Book Centre Pvt. Ltd. New Delhi 2019
  - Maritime Security and India's Indian Ocean Policy: From External Powers Elimination to Engagement, in India's National Security: A Maritime Security Perspective, (Ed.) Vij Books India Pvt. Ltd. New Delhi 2020 ISBN 978-93-89620-06-1
  - Sri Aurobindo's Ideas on Internationalism and Contemporary Globalization Process: Some Reflections in DrSudhir Singh (Ed) Relevance of Aurobindo Today, Shaikshik Foundation, Delhi, 2019 ISBN 978-81 -93878378
5. No. of papers published as chapters in books
  6. No. of papers/ abstracts published in conference proceedings with ISBN
  7. No. of presentations in conferences/ seminars (indicate oral/ poster)
    - The Right to Self-determination of the People: Some Reflections on Tibetan Refugees, Keynote Address in the International Seminar on Forced Migrants, Refugees, Welfare Policies and State, Department of Sociology, University of Kerala, Thiruvananthapuram 2- 6 December 2019
    - Maritime Security and India's Indian Ocean Policy, National Seminar on India's Maritime Security: Issues and Perspectives, Department of Defence and Strategic Studies, University of Madras, Chennai 18 &19 October 2019
    - SreeNarayana Guru and the Upliftment of Backward Classes: Some Reflections, National Seminar on SreeNarayana Guru and Mahatma Ayyamkali, Central University of Kerala, Thiruvananthapuram 27 & 28 September 2019
    - Writing a Research Proposal, ICSSR Capacity Building Programme, Department of National Institute of Technology, Department of Management Studies, Tiruchirappalli, 26 August 2019
    - Tibet and India-China Relations: A National Security Perspective, IAS Associate Seminar at Indian Institute of Advanced Study Shimla 18 Mar 2019
    - Maritime Security of India in the 21<sup>st</sup> Century; Some Reflections , National Seminar on Strategic Culture and Policy Options, Department of Politics & International Studies, Pondicherry Central University, Puducherry 25- 27 February 2019.
    - Maritime Security of India: Policy Options, National Seminar on Maritime Security of India: Challenges and Policy Options, organized by V K Krishna Menon Study Centre for International Relations, University of Kerala, Thiruvananthapuram 28 -30 January 20197
  8. No. of articles published in scholarly magazines, bulletins or news papers.
  9. No. of PhD theses awarded-1
  10. No. of PhD thesis submitted-1
  11. No. of MPhil dissertations awarded-2
  12. No. of MPhil dissertations submitted-2
  13. No. of patents granted
  14. No. of patents requests filed
  15. No. of technology transfers
  16. No. of MOOC/Online courses completed
  17. No. of workshops/FDPs/short term courses/ conferences attended
  18. No. of foreign visits for academic purposes
  19. Involvement in academic bodies as dean, academic council/ board of studies member etc.
  20. Service as reviewer of journals/ seminar papers (give details)
  21. Served as Chair/ member of committees/ boards/ councils/ commissions etc.
  22. Artistic performances held (fine arts faculty only)
  23. Media productions (journalism only)
  24. Activities in clubs, associations, NSS etc
  25. Details of international/ national/ state awards/ recognitions received.
  26. Public talks/ discussions over AIR/ television channels
  27. Any other activities.
    - India's National Security: A Coastal Security Perspective, Special Lecture delivered at the course on **Coastal Security for Intelligence Bureau Officers of Coastal States** held at South Zone Regional Training Centre (SZRTC) Intelligence Bureau, **Ministry of Home Affairs, Govt. of India**, Police Training College, Thiruvanthapuram 15 November 2019
    - Maritime Security of India: A Coastal Security Perspective Special Lecture delivered at the course on **Coastal Security for Intelligence Bureau Officers of Coastal States** held at South Zone Regional Training Centre (SZRTC) Intelligence Bureau, **Ministry of Home Affairs, Govt. of India**, Police Training College, Thiruvananthapuram 24 July 2019
1. Name of faculty: **Dr.Josukutty C.A.** Associate Professor
  2. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.
  3. No. of papers published in other peer reviewed journals with ISSN etc. One

Dr. Josukutty C.A. ( 2019) , Nineteenth Lok Sabha Elections: Factors and Issues ( UGC approved .No. 63880 in Social Science ISSN 09755497) , Social Science in Perspective, October-December 2019, Vol. 10, No. 3 pp.315-334, ISSN 0975-5497.

4. No. of book edited/ published with ISBN;
5. No. of papers published as chapters in books ; two
  - “Nature and Dynamics of Religion Oriented Politics in Kerala” , in Narender Kumar(etd.), Politics and Religion in India, Routledge, New York , pp-124-38.
  - “The Maritime Transformation of Asia-Pacific: Interdependence and Security: Indian and Japanese Visions” in India and Japan ; Growing Partnership and Opportunities for Cooperation, CPPR -Centre for Strategic Studies, Kochi , pp- 27-37, 2018, ISBN (E-book edition):978-81-930004-6-5.
6. No. of papers/ abstracts published in conference proceedings with ISBN
7. No. of presentations in conferences/ seminars (indicate oral/ poster); 7 ( Oral)
  - **India's US Policy: From No Stratey to Uncertain Strategy** at the Three Day National Conference on India's Strategic Culture and Policy Options February 25-27, 2019 organized by the Department of Political Science and Intenational Studies at Pndicherry.
  - Paper on *Rights of Indian Women: A Critical Review* at the international seminar on Human Rights Protection : Role of State, Media and Literature at the Department of Political Science Government College Kottayam on January 17, 2019.
  - Presented paper on India and US Strategic Partnership in the Indo-pacific : A Maritime Security Perspective at the three National Seminar on Maritime Security of India : Challenges and Policy Options orgained by the V.K.Krishana Menon Study Centre for International Relations Department of Politcal Science, University of Kerala 29, 30 &31, January st 2019
  - Paper on Growing Chinese Influence in Sri Lanka: What is at Stake for India at the three day international seminar on **Political Dynamics of Sri Lanka : Implications for India and the Indian Ocean Region** at the Department of Political Science University of Calicut during January 17-19, 2019.
  - **Paper on The Maritime Transformation of Asia-Pacific: Interdependence and Security: Comparing Indian and Japanese visions** at the **International Conference** on India- Japan relations organised by Centre for Strategic Studies of Centre for Public Policy Research, Consulate-General in Japan for Chennai, 26-27th of February 2019, Kochi, India
- Paper on **How Non-Nehruvian is Modi's Foreign Policy** at the three day **International Conference** on Secularism, Democracy and nation Building: Nehru's Vision and Philosophy , organised by the UGC Nehru Studies Centre, Department of Politics University of Kerala. 19 to 21 st March 2019, Trivandrum India
- Paper on Indo-US Strategic Alliance iin the Indo-Pacific at the international **Conference Geopolitics of Indo-Pacifc: Perceptions, Opportunities and Challenges Organised by the** Department of Political Science, University of Kerala. during December 11-13, 2019 at Hotel SP Grand Days Trivandrum, Kerala.
8. No. of articles published in scholarly magazines, bulletins or news papers. 30
  - Article on Shut down in the US on Wall , 12-01-2019 Kerala Kaumudi
  - Article on Politics of Lok Sabha Elections 19-01-2019 Kerala Kaumudi
  - Article on What wars leave Behind – Lokhaveedi 28-01-2019 Kerala Kaumudi
  - Article on West Against China 14-02-2019 Kerala Kaumudi
  - Article on Kashmir on the boil 16-02-2019 Kerala Kaumudi
  - Article on diplomatic victory for India 02-03-2019 Kerala Kaumudi
  - Article on alliance politics 14-03-2019 Kerala Kaumudi
  - Article on China the Cheat 16-03-2019 Kerala Kaumudi
  - Article on Perception creation in campaign politics 26-03-2019 Kerala Kaumudi
  - Article on US election 29-04-2019 Kerala Kaumudi
  - Article on Ban Masood 03-05-2019 Kerala Kaumudi
  - Article on India-US stand off 13-05-2019 Kerala Kaumudi
  - Article on Kerala Lok Sabha Elections 20-05-2019 Kerala Kaumudi
  - Article on G-20 Summit at Osaka Japan 02-07-2019 Kerala Kaumudi Article on
  - Article on War Clouds in West Asia 11-07-2019 Kerala Kaumudi
  - Article on Increasing tension in West Asia 24-07-2019 Kerala Kaumudi
  - Article on U S Politics- “Go Back and Send Her Back’ 01-08-2019 Kerala Kaumudi
  - Article on Kashmir, To regain the Lost Heaven, 06-08-2019 Kerala Kaumudi
  - Article on Kashmir and China 20-08-2019 Kerala
  - Article on Protests in Hongkong 23-08-2019 Kerala Kaumudi

- Article on article on wrong signals in Indo-US relations 29-08-2019 Kerala Kaumudi
  - Article on impeachment threat for Trump 30- 09-2019 Kerala Kaumudi
  - Article on India- China Summit: From Wuhan to Mahabalipuram 09-10-2019 Kerala Kaumudi
  - Article on India- China Summit: A Success 13-10-2019 Kerala Kaumudi
  - Article on Setback for ISIS 28-10-2019 Kerala Kaumudi
  - Article on Trump Impeachment 06-12-2019,
  - Article on Death Penalty for Musharaf 18-12-2019,
  - Article on An impeachment mired in political games. 21-12-2019, kerala kaumudi,
  - Article on The world in the last decade , Kerala kaumudi 31-12-2019,
9. No. of PhD theses awarded- One
  10. No. of PhD thesis submitted
  11. No. of MPhil dissertations awarded- one
  12. No. of MPhil dissertations submitted- two
  13. No. of patents granted
  14. No. of patents requests filed
  15. No. of technology transfers
  16. No. of MOOC/Online courses completed
  17. No. of workshops/FDPs/short term courses/ conferences attended: One
  18. No. of foreign visits for academic purposes;
  19. Involvement in academic bodies as dean, academic council/ board of studies member etc.
    - Member , Board of Studies , Political Science, mar Ivanios College, ( Autonomous) .
  20. Service as reviewer of journals/ seminar papers (give details):
    - Associate Editor, Journal of Polity and Society, Published by the Department of Political Science, University of Kerala.
    - Reviewer Journal named “TKM Arts college International Journal for Multidisciplinary Research (TIJMR).
  21. Served as Chair/ member of committees/ boards/ councils/ commissions etc.
    - Member, Vidyalaya Management Committee (VMC), Kendriya Vidyalaya, Akkulam. Trivandrum
  22. Artistic performances held (fine arts faculty only)
  23. Media productions (journalism only)
  24. Activities in clubs, associations, NSS etc
    - General secretary , Association of Political Scientists Kerala
    - Life Member, Kerala International Centre. Thiruvananthapuram, Keralas since 2011
- Life Member, Indian Political Science Association since 2008
  - Life Member, Institute for the Study of Developing Areas. Thiruvananthapuram, since 2007
  - Member of Executive Committee, SIASN (South India American Studies Network), Kerala Chapter since 2011
  - Coordinator of the Village Adoption – Amabalathinkara Settlement Colony- of the Department of Political Science University of Kerala.
25. Details of international/ national/ state awards/ recognitions received.
  26. Public talks/ discussions over AIR/ television channels;
    - Participated in over 30 Television Discussions in Door Darshan, Asianet News , Manorama News , Mathrubhumi News, NDTV, Jai Hind, News 18, and Janam and ACV .
    - Two discussions in All India Radio National Politics
    - Delivered Eight Lectures in UGC Human Resources Development Centre at Kannur and Kerala Universities.
    - Delivered three lectures at the Higher Secondary School Teachers Transformation Programme under the SCERT at St. John’s College Anchal and Govt. College Chalakudy.
    - One Special lecture on Introduction to Human Rights at the Induction Training Programme for college and university Teachers organised by the School of Education , Central University of Kerala , Kasargodu.
  27. Any other activities.
    - Have Initiated two MoUs with the University of Warsaw, Poland and Shandong University , China.
    - Have Initiated a Joint Project under Erasmus+ Programme Capacity Building in the Field of Higher Education ( funded by European Union) with Warsaw University for 2020.
1. Name of faculty: **Dr.SamuelJ.Kuruvilla**
  2. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.
  3. No. of papers published in other peer reviewed journals with ISSN etc.
  4. No. of book edited/ published with ISBN
    - a. ‘Gender and Politics: Emerging Trends and Issues’ Kollam: Pravda Books, February 2019, ISBN: 9788194025139
    - b. ‘Politics and Gender: New Issues and Trends,’ Kollam: Pravda Books, February 2019, ISBN: 9788194025146
  5. No. of papers published as chapters in books

6. No. of papers/ abstracts published in conference proceedings with ISBN
7. No. of presentations in conferences/ seminars (indicate oral/ poster) : One oral presentation
8. No. of articles published in scholarly magazines, bulletins or news papers.
9. No. of PhD theses awarded
10. No. of PhD thesis submitted
11. No. of MPhil dissertations awarded:: One
12. No. of MPhil dissertations submitted:: one
13. No. of patents granted
14. No. of patents requests filed
15. No. of technology transfers
16. No. of MOOC/Online courses completed
17. No. of workshops/FDPs/short term courses/ conferences attended: Two
18. No. of foreign visits for academic purposes
19. Involvement in academic bodies as dean, academic council/ board of studies member etc.  
Member, Board of Studies in Political Science, CMS College (Autonomous), Kottayam
20. Service as reviewer of journals/ seminar papers (give details)
21. Served as Chair/ member of committees/ boards/ councils/ commissions etc.
22. Artistic performances held (fine arts faculty only)
23. Media productions (journalism only)
24. Activities in clubs, associations, NSS etc
25. Details of international/ national/ state awards/ recognitions received.
26. Public talks/ discussions over AIR/ television channels
27. Any other activities.
  - Name of faculty: **Dr.Anu Unny**
  - No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.
  - No. of papers published in other peer reviewed journals with ISSN etc.  
Article on 'Crisis of Marxism and the New Left Project'; Anu Unny & Linesh V.V, "*Social Science Researcher*", ISSN 2319-8362, P. 27 to 36, February 2019  
Article on Historical Narrative of India's STI Policy, Journal of Science, Technology and Innovation Policy, December 2019. ISSN 2550-2019, Universiti Teknologi Malaysia
  - No. of book edited/ published with ISBN
  - No. of papers published as chapters in books
  - No. of papers/ abstracts published in conference proceedings with ISBN
  - No. of presentations in conferences/ seminars (indicate oral/ poster)
- Presented Paper on 'Women and Climate Change Vulnerability in India' at the International Conference in National University of Singapore on 13-14 November 2019
- Presented Paper on *Development of Science, Technology and Innovation in India: Opportunities and Challenges* in Universiti Teknologi Malaysia, Malaysia on 7<sup>th</sup> and 8<sup>th</sup> November 2019
- No. of articles published in scholarly magazines, bulletins or news papers.
- Article on 'Citizenship Amendment Act 2019: Undoing of Secular India' in '*rEach:Teach, Research and Reach out*', in Vol 12, No.12, December 2019, P.6-9
- No. of PhD theses awarded
- No. of PhD thesis submitted
- No. of MPhil dissertations awarded-One
- No. of MPhil dissertations submitted
- No. of patents granted
- No. of patents requests filed
- No. of technology transfers
- No. of MOOC/Online courses completed
- No. of workshops/FDPs/short term courses/ conferences attended
- No. of foreign visits for academic purposes
- Involvement in academic bodies as dean, academic council/ board of studies member etc.
- Service as reviewer of journals/ seminar papers (give details)
- Served as Chair/ member of committees/ boards/ councils/ commissions etc.
- Artistic performances held (fine arts faculty only)
- Media productions (journalism only)
- Activities in clubs, associations, NSS etc
- Details of international/ national/ state awards/ recognitions received.
- Public talks/ discussions over AIR/ television channels
- Delivered Independence Day Message for Akashavani, Thiruvananthapuram on Republic Day, 26/1/2019
- Served as Panellist in Kirali TV Channel Discussion, on the topic 'Lok Sabha Election 2019' on 23/2/2019
- Panellist in Asianet Cable TV Channel Talk show on the topic 'Pulwama Attack and India-Pak Tension' on 28/2/2019
- Panellist in News 18 TV Channel discussion on the topic 'India-Pak Relation in the context of Pulwama Attack on 28/2/2019
- Panellist in Asianet Cable TV Programme titled 'Agenda' on the topic 'Rahul Gandhi's Candidature from Wayanad: Implications' on 4<sup>th</sup> April 2019

- Panellist in the Asianet News Channel Discussion titled 'Katamba' on the topic 'Rahul Gandhi: The New Hope of India?' on 2<sup>nd</sup> May 2019
  - Panellist in the Asianet News Channel Discussion on the topic 'Analysis of Exit Poll Results 2019, on 22/5/2019'
  - Panellist in the Jaihind News Channel Discussion on the topic '2019 Lok Sabha Election Exit Polls' on 22/5/19
  - Panellist in the Asianet News Channel Discussion titled 'News Hour' on the topic 'Ind Modi Ministry: Expectations' on 31<sup>st</sup> May 2019
  - Panellist in the Jaihind News Channel Discussion on 'Election Result Analysis 2019' on 23/5/2019
  - Panellist in the Asianet News Channel Show titled 'VideshaVicharam' on 19/6/2019
  - Panellist in the Dooradarshan Channel show on the topic 'Scrapping 370: Implications' on 6/8/2019
27. Any other activities.
- Organised a Three-Day International Seminar on behalf of UGC-Nehru Studies Centre on the topic 'Secularism, Democracy and Nation Building: Nehru's Vision and Philosophy' from 19<sup>th</sup> to 21<sup>st</sup> March 2019
  - Delivered an Invited Lecture on 'Socio-Cultural Diversity of Kerala' for the visiting students from Michigan State University, USA at CMFRI, Kochi on 5/5/19
  - Article for '*The Civil Service*' on the topic 'Sthreekalum Navoohaavum: Marupuram', April 2019, P.27 to 31, Vol- 7, Issue No.4
  - Published an Article titled 'T.M Krishna: Maanaveekatayute Paattukaaran' in '*The Civil Service*, January 2019, P. 14-16
  - Published an Article on '*Hindu desheeyathayum, sthreeswatvanirmityum*' in the book titled 'LingabhaarathinteRashtreeyam', ISBN No: 978-81-939268-2-6, Pravda Books, P.No. 20-32
  - Chaired a Session on Media, Social Media, Cinema and Elections in the Two Day National Seminar on *Electoral Politics in India: Dynamics and Trends* organised on behalf of V.K Sukumaran Nair Chair for Parliamentary Affairs, University of Kerala on 25/3/19
  - Chaired a Session in the National Seminar organised by the Department of Sociology, University of Kerala and spoke on the theme 'Social Intervention and Sustainable Development' on 6/2/2019

## DEPARTMENT OF PSYCHOLOGY

Year of establishment: 1957

Faculty of Science

### A. DEPARTMENT PROFILE

#### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender (M/F/TG)	Qualifications (Highest two)	Designation
1	Dr Jasseer J	M	MA, PhD	Assistant Professor & Head
2	Dr Johnson R	M	MA, PhD	Assistant Professor
3	Dr Tissy Mariam Thomas	F	MA, PhD	Assistant Professor

#### 2. Administrative staff - 2 nos. (2 F)

#### 3. Programmes offered

Name of programme	Strength		Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actual								
Masters MSc Applied Psychology I M.Sc	25	26	21		4	Nil	10		1	100

II M.Sc	22	18	15	Nil	3	Nil	12	Nil	Nil	100
M.Phil Learning Disability	2	2	2							
100 MPhil Consulting Psychology	2	2	2	Nil	1		Nil	Nil	Nil	Nil
PhD	14	13	6	Nil					Nil	Nil
Post Doc	1		Nil						Nil	100
Others PG Diploma in Geriatric Counselling	40	23			Nil	Nil			NIL	100

## B. COMMON ACTIVITIES

- Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.
  - Remya, V. & Nair, Bindu, P. ( 2019). Interpersonal relationship and adjustment as predictors of acculturative stress among tribal students. *JIAAP*,45 (1), 27-36. ISSN No. 00194247.
- Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.
  - Remya, V. & Nair, Bindu, P. ( 2019). Adjustment problems among tribal and non-tribal students in Kerala. *Indian Journal of Psychology and Education*, 9(1), 89-94. ISSN No. 2231-1432.
  - Raj Surya, & Nair, Bindu P. (2019). Environmental future: collating spatial and temporal trends. *Zenith International Journal of Multidisciplinary Research*,9(6), 63-81. ISSN No. 2231-5780
- Details of articles published by the faculty members of the department in scholarly magazines, bulletins or news papers.
  - Tissy Mariam Thomas. 'Pregnancy, motherhood and paranormal heroism in horror movies: Feminine space redefined' (May 2019). Chalachitra Sameeksha. Publication of Kerala Chalachithra Academy.
- No. of PhD theses awarded: 2
- No. of PhD theses submitted: 4
- No. of M. Phil dissertations awarded: 3
- Students who cleared GATE/NET/SET etc. - 5 (NET-4 nos., SET-1)
- Details of Library books/ journals
  - Soumya, S. & Nair, Bindu P. ( 2019). Perceived parental bonding, rejection sensitivity and fear of negative evaluation among Male-to-Female transgender people. *Journal of Community Guidance & Research*, 36(1), 114-132.

Sl. No	Details	
1.	Whether the library is automated	Yes
2.	No. of books in stock as on Jan 1,2019	8103
3.	No. of books added this year	77
4.	No. of offline journal subscribed	4
5.	No. of online journals subscribed	1
6.	No. of online books available	NIL
7.	Amount spend for purchase of books	4,50,000

- Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/ workshop	International/ national	Sponsoring agency	Date of the conference/seminar/ workshop	No. of participants (Show foreign and outside state participants separately)
1	Understanding Learning Disability: Assessment, Diagnosis and Intervention	State Level Workshop – CRE programme	Sanctioned by Rehabilitation Council of India, Ministry of Social Justice and Empowerment, Government of India	4 <sup>th</sup> to 8 <sup>th</sup> February, 2019 & 25 <sup>th</sup> to 27 <sup>th</sup> March, 2019	30 30

2	Training Methodology for Psychologists	State Level Workshop	University of Kerala	23 <sup>rd</sup> to 27 <sup>th</sup> January 2019	40
3	Promotion of School Mental Health programmes	National Level CRE programme	Sanctioned by Rehabilitation Council of India	27-29 December 2019.	98 40
4	Cultural competence and evidence-based practices in Mental Health	State level workshop	In collaboration with Department of Psychology, CHRIST (Deemed-to-be-University), Bangalore and USIEF	8 <sup>th</sup> July 2019	

10. Details of community outreach programmes (Please give a brief description)

- National Science week celebrations have held with a series of programmes including lecture series, workshops, psychology exhibitions and demonstrations on topics related to the theme 'Science of Mental Hygiene' by experts and professionals from 25<sup>th</sup> February to 1<sup>st</sup> March 2019.
- **Day 1:** The first day programme (25.2.2019, Monday) started with a competition for research scholars at 10:30am. Sixteen research scholars have participated in the competition. The chief guest of programme was Dr Shabu B Raj, scientist, DRDO who gave a brief speech about the relevance of National Science day to the discipline of psychology. The first prize was secured by Mrs Priyanka S J, Department of Psychology, University of Kerala, Kariavattom campus on the thesis 'Social support, Social stigma and Coping Behaviour of Parents of children with Special Needs'. The second prize was secured by Mrs Anupama S R, Research Scholar, Department of Psychology, University of Kerala, Kariavattom campus on the thesis 'Mental Health and Spirituality in Relation to Emotional Influence and Personality Among Creative Artist'. The third prize was secured Mrs Sheril Elizabeth George on the thesis 'Efficacy of Mindfulness Based Intention in Amelioration of Psychological Wellbeing of Breast Cancer Patients'. The participants shared their experiences of three minute thesis presentation. The afternoon session was a demonstration of Guided Somato Psychic Relaxation (GSPR) developed by Dr Krishna Prasad Sreedhar. GSPR is a simplest relaxation technique which is highly applicable among people having anxiety. GSPR is experienced by the participants for 40minutes wherein all of them lied down on the floor and instructions were given by the resource person. Participants followed the instructions and could relax themselves accordingly. After the session was over, they were asked to reflect their experiences directly as well as to write them down.
- **Day 2:** On 24-02-19, Mr Anil Kumar Nair, rehabilitation psychologist, ICCONS, TVM conducted a lecture on the topic "Preventive mental health care for children and adolescence".

This lecture was really an eye opener regarding how people only focus on physical aspects of health where in our mental health is deteriorating day by day. The afternoon session was shared by two resource persons Mr Akhil R and Ms Kavery Pratap on Trauma counselling, understanding and managing complex trauma. They dealt with more real life practical trauma cases that she had come across and also shared her valuable experiences and her contributions as psychologist during the time of Kerala flood. Every one sat glued as they shared their proud moments of being a psychologist and washing out the tears of broken people and promising them a life that's colorful and giving them hope and motivation and a shoulder to rely on. As they shared their real life experiences, it prompted each one the budding psychologist to work hard and be a successfully and professional psychologist.

- **Day 3:** The third day (27-02-2019, Wednesday) started with the workshop on the topic 'Fundamentals of Social Sciences Research' from 10am to 1pm by Dr. Immanuel Thomas, Former Head, Department of Psychology. He gave the basics about quantitative methods in Scientific Research. The students from SN College, Calicut and Christu Jyothi College from Changanassery enriched the workshop. Afternoon session was started at 2pm onwards. The workshop was on the topic 'Qualitative Data Analysis' by Dr. Justine. K. James, Assistant Professor, Department of Psychology, University College, Thiruvananthapuram.
- **Day 4:** On 28<sup>th</sup> February 2019, a Psychology exhibition is conducted. Almost 200 participants, including students in their primary classes to those at the secondary level from the various schools in Thiruvananthapuram city, as well as students from the various teaching departments of the University of Kerala, and professionals visited the venue. There were more than ten stalls exhibiting different apparatuses used to measure intelligence, aptitude, brain and behaviour, learning, problem solving, sensation and perception. A separate stall was set up for behavioural assessment as well. In addition, to disseminate knowledge regarding the nature of research work being conducted in the department, ten outstanding theses were displayed, along with

a brief report of each. Through such an effort, we were not only strengthening our connection with the society, but also ensuring that the public can always stake a claim in the research activities, as it is the money of the public which indirectly feeds all research work. All the stalls captivated the interest of children who eagerly tried out the various exhibits. In particular, the stalls on intelligence, brain and behaviour, and sensation and perception enamoured the visitors. The feeling of appreciation, trust, and support rendered by the volunteers encouraged each participant to get closer to their innate potentials, and gave them a sense of personal expansion. The feedbacks received were literally overwhelming and encouraging, and was a testimony to the success of the programme. The open house day programme came to a close by 4pm.

- **Day 5:** On 01-03-2019, held the fifth day of the science week Dr Sangeetha Sajesh lecture on the topic “Women, body and mind “. Through her lecture, Dr Sangeetha depicted the physiological and psychological aspects of women as well as reproductive health of women. The session started on how stress affects women psychologically and physiologically and also the importance of healthy diet and physical exercise in reducing the stress related issues. There was also a question and answer session towards the end and all the students actively participated by raising many relevant and valid questions. The second session was conducted by Mr. Samuel George, Research Scholar, Department of Psychology, University of Kerala. The session included movie clips depicting various disorders and the discussion on these disorders.
- A vacation camp for children with specific learning disability “ Manjaadi-2019” was organized by the M.Phil( Learning Disability) scholars of the Department of Psychology, University of Kerala from 8<sup>th</sup> April, 2019 to 12<sup>th</sup> April 2019. A total of nine children with learning disabilities participated in the camp. Mr. Anil Kumar (Chief Consultant Psychologist, ICCONS) delivered the key note address. The children engaged in specific activities aimed at improving attention, eye hand coordination, phonemic awareness and letter identification skills in game

like situation, without the accompaniment of any frustration they experience in the regular school environment. Understanding self and others, being empathetic toward others, training in basic social skills and culinary skills were warmly received by the children. A parental counseling session, moderated by a Clinical Psychologist and LD specialist, was another highlighting feature of the camp, which served to alleviate the apprehensions of parents regarding the upbringing of their children.

- Observed International Yoga day on 21<sup>st</sup> June 2019 in association with Department of Statistics. Mr Sunil Kumar, Yoga therapist at the Institute of Communicative and Cognitive Neuroscience (ICCONS) who was the resource person depicted various postures and asanas in yoga and gave explanations for the importance of yoga in everyday life
  - Observed International Day against Drug Abuse and Illicit Trafficking on 26<sup>th</sup> June 2019 through poster exhibition for the students and staff of University of Kerala at Kariavattom campus.
  - MPhil and PhD scholars of the Department of psychology participated in the Exhibition in connection with Students’ Science Congress at Mar Ivanios College, Thiruvananthapuram during 27-30 December 2019
  - Inaugurated/ started Psychology Consulting Cell (PCC) and Care Counseling and Testing Centre (CCTC) on 04.12.2019.
  - MSc students of Department of psychology, University of Kerala have extended psychological support services to the contestants of Kerala University Youth Festival held from 26 March to 30 March 2019 at University of Kerala, Kariavattom campus. The Department initiated a psychological support desk at each venue and two post graduate students were posted for the same.
11. Green initiatives/ waste management/ energy saving measures.  
Purchased steel plates, tumblers, tiffin carrier, water jugs, avoid the use of plastics. We abolished single time use plastics in the department.
  12. Details of alumni association.

Sl. No	Details	
1.	Name of the association	Orma
2.	Registered or not	No
3.	No. of meetings held this year	One
4.	No. of members added this year	10
5.	Details of alumni contributions, including endowments, talks, donation etc.	Expertised alumni has been extending their academic support to the Department and current students through arranging internships, special lectures, career guidance and workshops.



13. Details of eminent personalities visited in the department.
    - Aswini, Director, Muktha Foundation, Bangalore
    - Shabu B Raj, Scientist, DRDO
    - Dr Romate John, Head, Central University of Karnataka, Gulbarga
    - Dr Baiju Gopal, Associate Professor & Mr Harishankar Moosath, Assistant Professor, Department of Psychology, CHRIST (Deemed-to-be-University), Bangalore
    - Mohammed Riyas M, Chief psychologist & career Coach, vLEAD Eduventures, Malappuram
  14. Details of awards received by faculty/ staff/ students.
    - Dr Tissy Mariam Thomas has received the best paper award titled 'Pregnancy, motherhood and paranormal heroism in horror movies: Feminine space redefined' on 17 March 2019 at Young Scholars Congress organized by Kerala State Higher Education Council
  15. Other major achievements and activities, including invited lectures, interactions, get together etc.
    - Organised a facilitating session on "Prevention of Child Sexual Abuse" as part of the national campaign by Muktha Foundation, Bangalore on 7<sup>th</sup> Jan 2019.
    - Organised an interactive session as part of University Finishing School on "Online database for research" by Dr Biju, Reference librarian, Campus library, Kariavattom campus on 21<sup>st</sup> March 2019.
    - Organised Special Lecture on "Case history taking" by Mr Shiju Joseph, Clinical Psychologist, Assistant Professor, Department of Psychology, Govt. College for Women, Vazhuthacaud, TVM on 4<sup>th</sup> April 2019.
    - Organised Student Induction Programme for I Sem MSc Psychology students on 12, 13 & 14 June 2019.
    - Organised Special Lecture on "Stress Management" by Dr Krishna Prasad Sreedhar, Clinical Psychologist, Professor & Head (Rtd), Department of Psychology, University of Kerala on 13<sup>th</sup> June 2019
    - Organised Special Lecture on "Relationships and competencies" by Dr Vimal, Clinical Psychologist, TVM on 14<sup>th</sup> June 2019
    - Organised Special Lecture on "Career options and higher studies in Psychology" by Mr Harikrishnan, Clinical Psychologist & Assistant Professor, Department of Psychology, University College, TVM on 14<sup>th</sup> June 2019
    - A workshop titled 'Psychology in 21<sup>st</sup> Century: Career, Trend and Future' is organized on 2<sup>nd</sup> August 2019 at the Department of Psychology, University of Kerala in collaboration with University Finishing School to develop the employability skills of the students. Dr. Sylaja, Head, Department of Psychology, Sree Sankaracharya University of Kaladi inaugurated the workshop. Mr Muhammed Riyas M, chief psychologist and career coach vLEAD Eduvntures, Malappuram was the resource person in the workshop who explained different higher studies and career options of Psychology and the relevance of additional training.
- A certificate program on Basic Psychological Statistics Level- I is conducted on 20 August, 19 September and 9 October 2019 and a Certificate will be issued based on the performance of students in a test at the end of the program.
  - On 3<sup>rd</sup> July NIRVANA- Psychology Association has conducted a Quiz competition facilitated by Mr Nikhil ZebuKumar, 1 Sem MSc Applied Psychology student and Ms Aswathi Murali, 2 Sem MSc Applied Psychology student. The entire Quiz consisted of 4 rounds; the first round was preliminary round, second - visual, and third round has general questions and final round. The whole students are participated in the preliminary round. The quiz master selected 6 teams from the whole class. At the third round of quiz, the quiz master eliminated and selected 4 teams for the final round among the six teams. After the final round the quiz master announced the winners of the competition. The first prize winners were Ms Shifa Saif and Ms Sissy S, I Sem MSc Applied Psychology and the second prize winners were Ms Joanna James and Mr Mohammed Favas, II Sem MSc Applied Psychology.
  - Organised an Interactive session on Digital library systems: How to access information and its challenges and problems by Dr Biju K.S., Reference librarian, Campus library, University of Kerala on 24<sup>th</sup> July 2019
  - Organised Meet the Scholar program on Art of Parenting: Issues and Challenges by Ms Ganga Kailas, Consultant Psychologist & Research scholar, Department of Psychology, University of Kerala on 24<sup>th</sup> July 2019.
  - Organised Journal Club by Ms Ancy Sara Mathew supervised by Dr Immanuel Thomas Professor & Head (Retd), Department of Psychology, University of Kerala on 25 September 2019.
  - Organised Special Lecture titled "Non-violent communication in counseling" by Dr Romate John, Associate Professor & Head, Department of Psychology, Central University, Karnataka on 12 November 2019
  - Observed World Mental Health Day on 10 October by organizing a public lecture by Guru Muni Narayana Prasad, Philosopher, Author and Head, Narayana Gurukul, Varkala titled Philosophy of Mental Health in Indian Psychology on 1 October 2019 and a workshop on "Food: The most forgotten medicine- Management of diabetes and lifestyle diseases" by Dr Arun Thejaus K P, BNYS, MD (Yoga), Research Fellow at Sri Chithra Institute for Medical Sciences and Technology, Thiruvananthapuram.

16. Details of International/ National/ State awards/ recognitions received

Dr Tissy Mariam Thomas has received the best paper award titled 'Pregnancy, motherhood and paranormal heroism in horror movies: Feminine space redefined' on 17 March 2019 at Young Scholars Congress organized by Kerala State Higher Education Council

C. CONTRIBUTION AT INDIVIDUAL LEVEL

Name of faculty: Dr Jasseer J

1. No. of presentations in conferences/ seminars (indicate oral/ poster)

Invited as a resource person at the National seminar on Educational Perspectives and Rehabilitation of Persons with Disabilities organised by HM College of Science and Technology, Manjeri, Malappuram and Rehabilitation Council of India during 24-27 July 2019. He has conducted a session on 'Psychological perspectives on special education'

2. No. of PhD theses awarded – 1

3. No. of PhD thesis submitted - 1

4. No. of MPhil dissertations awarded: 1

5. Involvement in academic bodies as dean, academic council/ board of studies member etc.

Member, Academic Council, Department of Psychology, University of Kerala

Member, Board of Studies, University of Kerala

Member, Board of Studies, Kannur University

Member, Board of Studies, Sree Sankaracharya University, Kaladi

Member, Board of Studies, Fathima Matha College (Autonomous College), University of Kerala

6. Any other activities:

- Submitted a research project proposal titled 'Psychosocial needs of senior citizens in Kerala' to UGC-STRIDE scheme for funding on 17<sup>th</sup> September 2019.

Principal investigator: Dr Jasseer J

Name of faculty: Dr Bindu P

1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.

- Remya, V. & Nair, Bindu, P. (2019). Interpersonal relationship and adjustment as predictors of acculturative stress among tribal students. *JIAAP*, 45 (1), 27-36. ISSN No. 00194247. Impact factor:

2. No. of papers published in other peer reviewed journals with ISSN etc.

- Remya, V.&Nair, Bindu, P. ( 2019). Adjustment problems among tribal and non-tribal students in Kerala. *Indian Journal of Psychology and Education*, 9(1), 89-94. ISSN No. 2231-1432.

- Raj Surya.,& Nair, Bindu P. (2019). Environmental future: collating spatial and temporal trends. *Zenith International Journal of Multidisciplinary Research*, 9 (6),63-81. ISSN No. 2231-5780

- Soumya, S. & Nair, Bindu P. (2019). Perceived parental bonding, rejection sensitivity and fear

of negative evaluation among Male-to-Female transgender people. *Journal of Community Guidance & Research*, 36(1), 114-132.

- Akhil, R &Nair, B P (2019). Cognitive impairment as a function of sleep. *Journal of Biomedical Sciences*. ISSN 2382-5545.

3. No. of PhD theses awarded – 1

4. No. of PhD thesis submitted - 1

5. No. of MPhil dissertations awarded: 1

6. No. of workshops/FDPs/short term courses/ conferences attended:

- Participated in the two day national workshop on 'Qualitative Research Methods and Analysis' conducted by Christ university (Nodal Office), Vazhuthacaud, Thiruvananthapuram on October 25-26, 2019.

7. Involvement in academic bodies as dean, academic council/ board of studies member etc.

- Member, Board of Studies, Psychology (Pass), University of Kerala

- Member, Board of Studies, Psychology (PG), St Therese's College, Ernakulam

8. Service as reviewer of journals/ seminar papers (give details)

- Reviewer, Psychological Studies, Springer

- Reviewer, Psychological Reports, Sage

9. Served as Chair/ member of committees/ boards/ councils/ commissions etc: NIL

- Subject expert at the screening cum evaluation community evaluation committee for the placement/promotion of Assistant Professors at the Dept of Psychology, Government college for women, Thiruvananthapuram on 31/5/2019.

10. Any other activities:

- Submitted a research project proposal titled 'Psychosocial factors affecting adaptation to pubertal changes: Comparison of early, on-time and late maturers' to UGC-STRIDE scheme for funding on 17<sup>th</sup> September 2019. The total estimated budget is Rs. 500000.00.

- Principal investigator: Dr Bindu P

- Co- investigator: Dr Archana Chandran

Name of faculty: Dr Tissy Mariam Thomas

1. No. of presentations in conferences/ seminars (indicate oral/ poster)

- Invited as a resource person at the National Seminar on "Unlocking the alleys of LGBTQ+" at Acharya Institute of Graduate Studies on 30<sup>th</sup> April 2019, Bangalore

- Invited as a resource person at the premier edition of Spaces Fest (Kerala Architecture Fest) held at Kanakakkunnu Palace from 29 Aug 2019 - 01 Sep 2019. She spoke at the session "Paraspace: The Paradox of Hyperspace" on 29th August 2019.

- Special lecture on Mental Health promotion and prevention of lifestyle diseases on 14<sup>th</sup> and 15<sup>th</sup> October 2019 at Ayusmat Naturopathy & Yoga Hospital, Andhakaranazhi, Cherthala, Alappuzha.

2. No. of PhD thesis submitted - 1
  3. No. of MPhil dissertations awarded: 1
  4. No. of workshops/FDPs/short term courses/conferences attended
    - Dr Tissy Mariam Thomas has participated in the Faculty Development Programme on Student Engagement Strategies in Today's Digital World on 4<sup>th</sup> May 2019 at Indian Institute of Psychological Research, Bangalore
    - Dr Tissy Mariam Thomas, participated in the UGC- sponsored 105<sup>th</sup> Orientation Programme held from 12 November to 9 December 2019 at Human Resource Development Centre (HRDC), Goa University.
  5. Involvement in academic bodies as dean, academic council/ board of studies member etc:
    - Member, Board of Studies, Psychology (PG), University of Kerala
    - Member, Board of Examinations, Farooq College, University of Calicut
    - Member, Board of Examinations, University of Calicut
    - Member, Board of Examinations, University of Kerala
  6. Service as reviewer of journals/ seminar papers (give details):
    - Reviewer, Culture & Psychology, Sage
    - Human Arenas, Springer
  7. Served as Chair/ member of committees/ boards/ councils/ commissions etc.
    - Question paper setter for LBS Centre for Science and Technology
    - Member of IQAC committee on research, innovations and extension, University of Kerala
    - External Examiner, Personal Interview/group discussion for selection of candidates for MSW / MAHRM at Loyola College of Social Sciences on 21 June 2019
  8. Activities in clubs, associations, NSS etc
    - Department co-ordinator of FOSS-spoken tutorial.
    - Coordinates Department Association Activities.
    - Coordinates Industrial/Clinical visits for students.
    - Coordinates Clinical internship for students.
    - Coordinates NAAC visit activities at Department.
  9. Details of international/ national/ state awards/ recognitions received
    - Best paper award received for the paper titled "Pregnancy, motherhood and paranormal heroism in horror moves: Feminine space redefined" on 17<sup>th</sup> March 2019 at Young Scholars Congress organized by Kerala Higher Education Council.
  10. Public talks/ discussions over AIR/ television channels
    - 'Pregnancy, motherhood and paranormal heroism in horror movies: Feminine space redefined' (May 2019). Chalachitra Sameeksha. Publication of Kerala Chalachithra Academy.
  11. Any other activities.
    - Submitted a research project proposal titled 'Paranormal monstrous pregnant women: Exploring psycho-analytic feminism in horror movies' to IMPRESS, ICSSR for funding on 11<sup>th</sup> October 2019. The duration of the project is proposed to be 24 months and the total estimated budget is Rs. 1318240.00.  
Principal investigator: Dr Tissy Mariam Thomas
    - Submitted a research project proposal titled 'Study of Disaster recovery and business continuity planning among flood affected business enterprises and action research on capacity building interventions among these companies' to UGC-STRIDE scheme for funding on 30<sup>th</sup> September 2019.
- Research team:
- Prof. Jagathy Raj V.P (Principal Investigator, Cochin University of Science and Technology), Dr Santhosh Kumar P K (Co-Investigator), Dr Tissy Mariam Thomas (Co-Investigator)
  - Development of an academic program for community counsellors organized by Kudumbashree, State Poverty Eradication Mission and KILA on 16<sup>th</sup> and 17<sup>th</sup> August 2019
  - **Online magazine- Thomas, T.M.** (January- March 2019). *Towards a public turn in mental health*. Inter-actions, Vol 1 Qtr 3. <https://lilainteractions.in/towards-an-indian-turn-in-mental-health/>
  - Presiding Officer, Polling Station No. 26, Govt. LPS, Hariharapuram, of 19 – Attingal Constituency on 22 – 23 April 2019
- Name of faculty: Ms Anupama S**
- No. of MOOC/Online courses completed: 1) NPTEL online certified course titled Gender justice and workplace security offered by IIT, Kharagpur 2) NPTEL online certified course titled Corporate social responsibility offered by IIT, Kharagpur.

# DEPARTMENT OF SOCIOLOGY

Year of establishment: 1969

## A. Department Profile

### 1. Teaching Staff

Sl.No.	Name (in order of seniority)	Gender (M/F/TG)	Qualifications (Highest Two)	Designation
1	Dr. ANTONY PALACKAL	M	M.A, Ph.D	Associate Professor & Head
2	Dr. M. PUSHPAM	F	M.A, Ph.D	Associate Professor
3	Dr. R.K. BUSHRA BEEGOM	F	M.A, Ph.D	Assistant Professor
4	Dr. M.S. JAYAKUMAR	M	M.Phil, Ph.D	Assistant Professor

### 2. Administrative staff - 2 nos. (1 M, 2 F)

3. Programmes Offered : a) M.A Sociology b) M.S.W. c) M.Phil Sociology d) Ph.D and PDF.

Name of Programme	Strength		Female	SC	ST	Trans-gender	Other reserved Categories	Foreign	Pass%
	sanctioned	actual							
I MSW	30	29	26	4	0	--	-----	---	100%
I MA	24	23	18	2	1	--	-----		100%
II MSW	33	32	22	4	1	--	-----	-----	100%
II MA	24	20	16	2	1	--	-----	1	100%
M.Phil	9	9	3	2	---	--	-----	-----	100%
Ph.D	Depends on the vacancy of guide	21	12	3	1	--	-----	1	100%

## B. COMMON ACTIVITIES

- Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc. and 3) Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.
  - 2019.Bounded Solidarity and Mobile Technology: The Decline of Core Networks in Kerala, Jiabin Fan, Oliver Garretson, Antony Palackal, Paige Miller, and Wesley Shrum. *Sociological Bulletin*
  - 2019.Antony Palackal. "Organic Agriculture in Kerala: A counter discourse from the margins" *Sociological Bulletin*, 68 (2) June Pp. 169-182. 0038-0229
  - Maternal Health Care and Health Seeking Behaviour of Kurumba Women in Attappadi Hills in Kerala, India :Heritage: Journal of Multidisciplinary Studies in Archaeology 7 (2019): Jesna George & Bushra Beegom, Department of Sociology, University of Kerala.
  - Vizhinjam Through the Ages: Situating the Development of Vizhinjam Port: Heritage: Journal

of Multidisciplinary Studies in Archaeology 7 (2019): Alphonsa Joseph & Bushra Beegom

- (a). Arunima Anil and M S Jayakumar "ICT Integration in Education: The Case of Secondary Schools in Kerala" in PEOPLE: International Journal of Social Sciences, Vol. 4, Issue 3, March 2019, ISSN -2454-5899, pp. 1948-1962.
  - (b). Arunima Anil and M S Jayakumar, "Improving Rural Health Care Services Using ICT: Telemedicine Facility in Kerala" in International Journal of Scientific & Technology Research, Vol. 8, Issue 04, April 2019. ISSN 2277-8616.
- Details of book edited/ published by the faculty members of the department with title, ISBN, publisher, month/ year.
    - Antony Palackal & Nisha Jolly Nelson (ed.) (2019). *Ageing Care and Wellbeing – Reinventing Social Gerontology*. New Delhi: Rawat Publications (Forthcoming 2019)
  - Details of papers published by the faculty members of the department as chapters in books with details such as title of the paper, title of the book, editors, publisher, etc.
    - "Dimensions of Care for Elderly" in the book on Ageing, Care Wellbeing, Reinventing Social

- Gerontology, edited by Antony Palackal and Nisha Jolly Nelson, Rawat Publication, New Delhi, 2019.
- “Tribal Women Empowerment: Human Rights Perspective “in the book on The Media World: Gender Perspective”, edited by Smitha Pillai, Cyber Tech Publications, New Delhi, 2019. (ISBN 978-93-5053-739-8).
  - Tribal Women’s Identity and Eco-Development Programme: A Case of Paliyan Tribe in Kerala” in the edited book by Antony Palackal on Making of Distinctions towards a Social Science of Inclusive Oppositions, Information age Publishing (USA) (forthcoming) in 2020.
  - 2019. Antony Palackal &Nisha Jolly Nelson, (2019) ‘Ageing Care and Well Being: Empowerment and Fulfillment’, Introductory Chapter in (2019). *Ageing Care and Wellbeing – Reinventing Social Gerontology*. Antony Palackal &Nisha Jolly Nelson (ed.), New Delhi: Rawat Publications
  - 2019. Antony Palackal (2019). ‘Graceful Ageing and Gracious Caring - Reinventing Social Gerontology’, Epilogue in *Ageing Care and Wellbeing – Reinventing Social Gerontology*. Antony Palackal &Nisha Jolly Nelson (ed.), New Delhi: Rawat Publications (Forthcoming)
  - 2019. Antony Palackal &Sunilkumar. (2019) ‘Absence, Agony and Agency - The Experience of Gulf Wives of the Low-End Job Migrants in Kerala’ in *Making of Distinctions: Towards A Social Science of Inclusion*. Antony Palackal, NanditaChaudhary, GiuseppinaMarsico (eds.) (2019)., North Carolina, USA Information Age Publishing, (Forthcoming)
  - 2019. Antony Palackal, Currents in Gender & Democracy – The Role of Media. Edited book by SmithaPillai on Media, Gender and Democracy.
4. Details of papers/ abstracts published by the faculty members of the department in conference proceedings with ISBN, month/ year, indexing details if any etc.
- Presented a paper on “Community Based Natural Resource Management and Sustainable Development” in the National seminar on “Social Interventions and Sustainable Development” organized by Dept of Sociology, University of Kerala from 4-6 February 2019.
  - Presented a paper on “Social Work Intervention on Institutionalized Women” in the National seminar on “Social Interventions and Sustainable Development” organized by Dept of Sociology, University of Kerala from 4-6 February 2019.
  - Presented a paper on “Sustainable Model of Water Resource Management : A Case Study” in the National seminar on “Water Resource Management and Sustainable Development” organized by Dept of Economics, University of Kerala from 6-8 February 2019.
  - Presented a paper on “Health Conditions of Paliyans in Idukki District: A Socio- Cultural Perspective” in the National Conference on “Doing Sociology in Kerala: Challenges and Possibilities” organized by Dept of Sociology, Thunchath Ezhuthachan Malayalam University, Thirur, Malappuram from 26-28 February 2019.
  - Presented a paper on “Role of Higher Education in Rural Development: Innovations and Best Practices” in the National seminar on “National seminar on “ Role of Higher in Rural Development”” organized by St. Xavier’s College, Palayamkottai, Thirunelveli, Tamil Nadu on 30<sup>th</sup> January 2019.
  - Presented a paper on “Sustainable Urban Ecology and Water Resource Management” in the National Seminar on “Smart, Sustainable and Inclusive Cities: Changing Urban Dynamics” organized by the Dept of Sociology, University of Kerala from 16-18 October 2019.
  - Presented a paper on “Addressing Livelihood Issues of Urban Poor through the Interventions of National Urban Livelihood Mission (NULM) Program and Kudumbashree” in the National Seminar on “Smart, Sustainable and Inclusive Cities: Changing Urban Dynamics” organized by the Dept of Sociology, University of Kerala from 16-18 October 2019.
  - Presented a paper on “Diaspora and ICT: Influence of Social Networking in Migration” in the three day national seminar on “Migration in the New Era: Hope or Despair?” organized by the Centre for Diaspora Studies in association with Department of Sociology, University of Kerala from 24-26 October 2019.
  - Presented a paper on “ Cultural Practices and Community Solidarity among Paliyan Tribes in Iduakki District of Kerala” in the three day National Seminar on “Contribution of South India to Indian Culture” organized by Manonmaniam Sundaranar Centre for Dravidian Cultural Studies, University of Kerala from 19-21 November 2019.
  - Presented a paper on “Community Mobilization through Kudumbashree” in the 46<sup>th</sup> Annual National Conference on Environment and Sustainability: Contestations and Confrontations” organized by Kerala Sociological Society at CMS College, Kottayam from 22-24 November 2019.
  - “Menstrual Hygiene and Related Health Concerns of Women During Disaster” in the 45<sup>th</sup> All India Sociological Conference on the theme “Environment, Culture and Development :Discourses and Intersections” organized by Dept of Sociology, University of Kerala as part of Golden Jubilee of the Dept from 27-29 December 2019.
  - “Role of Social Media during Disaster with Special Reference to Kerala Flood” in the 45<sup>th</sup> All India Sociological Conference on the theme “Environment, Culture and Development :Discourses and Intersections” organized by Dept of Sociology, University of Kerala as part of Golden Jubilee of the Dept from 27-29 December 2019.
  - (a) Abstracts of International Seminar on FORCED MIGRANTS, REFUGEES, WELFARE POLICIES AND THE STATE organized by Department of

Sociology, University of Kerala 02-06 December, 2019.

- (b) Book of Abstracts of 45<sup>th</sup> All India Sociological Conference on “ENVIRONMENT, CULTURE AND DEVELOPMENT: Discourses and Intersections” organized by Department of Sociology, University of Kerala, 27-29 December 2019.
- (c) “Indigenous Knowledge for Disaster Risk Reduction: Instances of Significance around the Globe” in Proceedings ‘Disaster and Crisis: Preparedness, Management and Resilience’. ISBN 978-81-927201-7-3- 2019.
- 2019. Antony Palackal. “The Voyage in Despair and the Flight in Joy: Unfolding the Gulf Magic, with Special Reference to the Kerala Model of Development”. The Valedictory Address in the National Seminar on *Gulf Migration in the New Era – Hope or Despair?* Organized by the Centre for Diaspora Studies, Department of Sociology, University of Kerala, 24-26 October 2019.
- 2019. “Land Issues and the Developmental Paradox” in the two day conference on *Sustainable Development and Social Work Intervention* Organized by the Dept. of Sociology, University of Kerala, Kariavattom. 4-6 February
- 2019. “Digital Selves and Shifting Identities” in the two day conference on *Environment, Technology and Sustainable Development: Issues and Challenges* Organized by the Dept. of Sociology, Deena DayalUpadhyaya Gorakhpur University, Gorakhpur 22-23 February
- 2019. “The Middle Class Phenomenon and the Low-End Job Gulf Migrants” in the two day conference on *Doing Sociology in Kerala – Challenges and Possibilities*. Organized by the Dept. of Sociology, ThunchathEzhuthachan Malayalam University, Tirur 27-28 February

5. No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any.)
  - Major research project on “Participatory Mode of Tribal Development: A Special Reference to Paliyans in Idukki District funded by University of Kerala for 2 Years from 2018-2020
  - (a) “Marriage Migration in India: Exploring the Dimensions”, IUCAE, 100000/-, one year, Completed, Dr. Krishnakumar C S and Dr. M S Jayakumar.
  - (b) “ICT and Transnational Family: The Situation in Kerala, India”, State Plan Fund, 1227000/-Completed, Dr. M S Jayakumar.
  - (c) “Exclusion Abroad: The Experience of Kerala Diaspora in the Middle East”, Annual Plan Fund, 1000000/-, Completed, Dr. M S Jayakumar.
  - Major Research Project on “Agriculture, Food Security and Health: A Study among Organic Farmers in Kerala”, funded by University of Kerala
  - World Science Project on the effects of ICT on Developing Countries, in association with Louisiana State University, Louisiana, USA. Since 2003 January
  - Presently engaged in the Research Project on “Study in related to khabarstan&Cemeteries in Kerala” for Minority Commission, Government of Kerala 2019.
6. No. of Ph.D thesis awarded - **5**
7. No. of Ph.D thesis submitted - **6**
8. No. of M.Phil dissertations awarded - **6**
9. No. of M.Phil dissertations submitted - **6**
- 10. Placement Details of Students.**

Sl.No.	Name of the Company	No of students recruited	Nature of Placement
1	KSACS	Veena B S	Social Worker
2	UAE	Reena R Pillai	Social Worker
3	KIMS, Tvpm	Nithin S Nair	ICU, Counsellor
4	Childline	Abin P Dennyson	Social Worker
5	St. John’s Hospital, Bangalore	Jilu Maria David	Assistant Professor
6	ICTC, Tvpm	Vishnu Prasad	Counsellor
7	KNM Govt.	Aruna U G	Assistant Professor
8	Medical College	Santhosh Kumar	Assistant Professor
9	Higher Secondary Education Department	Alphonsa Joseph	HSST, Kozhikode
10	Higher Secondary Education Department	Divya K S	HSST, Balussery.

**11. Students who declared GATE/NET/SET etc. - 25 nos. (NET 22, NET/JRF 3 nos.)**

**12. Details of Library Books**

- 1) Whether the Library is automated: **No.**  
 2) No. of Books in stock as on January 2019: **9037.**  
 3) No. of Books added this year: **94.**  
 4) No. of offline journals subscribed: **12**  
 5) No. of online journals subscribed: **Nil**  
 6) No. of online Books available: **Nil**  
 7) Amount spent for purchase of Books: **Rs. 4,24,905/-**  
 13. No of funded projects active during the year:

*(Project name, funding agency, total outlay)*

- Major research project on “Participatory Mode of Tribal Development: A Special Reference to Paliyans in Idukki District funded by University of Kerala for 2 Years from 2018-2020
- (a) “Marriage Migration in India: Exploring the Dimensions”, IUCAE, 100000/-, one year, Completed, Dr. Krishnakumar C S and Dr. M S Jayakumar.
- (b) “ICT and Transnational Family: The Situation in Kerala, India”, State Plan Fund, 1227000/-Completed, Dr. M S Jayakumar.
- (c) “Exclusion Abroad: The Experience of Kerala Diaspora in the Middle East”, Annual Plan Fund, 1000000/-, Completed, Dr. M S Jayakumar.
- Major Research Project on “Agriculture, Food Security and Health: A Study among Organic Farmers in Kerala”, funded by University of Kerala
- World Science Project on the effects of ICT on Developing Countries, in association with Louisiana State University, Louisiana, USA. Since 2003 January
- Presently engaged in the Research Project on “Study in related to khabarstan&Cemeteries in Kerala” for Minority Commission, Government of Kerala 2019.

**14. Details of international/ national conferences/ seminars/workshops organized by the department.**

- Organized a National seminar on “Social Intervention and Sustainable Development” from 4-6 February 2019.
- Co-ordinated the Alumni Meet as part of Golden Jubilee Celebration of the Department on 8<sup>th</sup> March 2019.
- Organized Three day induction programme for the new PG students of the Department of Sociology from 12-14 July 2019.
- Organized one day Blood Donation Camp on 11<sup>th</sup> July 2019 at the Kariavattom Campus.

- Organized a special lecturer as part of the Observation and Celebration of the International Yoga Day on 24<sup>th</sup> July 2019.
- Co-convened the three day national seminar on “Migration in the New Era: Hope or Despair?” organized by the Centre for Diaspora Studies in association with Department of Sociology, University of Kerala from 24-26 October 2019.
- Coordinate the Five day International seminar on “Migrants, Refugees, Policies and the State” organized by the Department of Sociology, University of Kerala from 2-6 December 2019.
- Co-ordinated one day pre- conference Conclave on “Environment Management: Policies and Strategies” on 12/12/2019 as part of the celebration of Golden Jubilee Celebrations of the Department of Sociology, University of Kerala.
- Co-ordinated 45<sup>th</sup> All India Sociological Conference on “Environment, Cultural and Development: Discourses and Intersections” from 27-29 December 2019 as part of the celebration of Golden Jubilee Celebrations of the Department of Sociology, University of Kerala
- Organizing Secretary, 45<sup>th</sup> All India Sociological Conference (45<sup>th</sup> AISC) from 27<sup>th</sup> to 29<sup>th</sup> December 2017, in connection with the Golden Jubilee Celebrations of the Dept. of Sociology, University of Kerala.
- Organizing Secretary and the Course Director of the Eight day Research Methodology Workshop in Qualitative Methodology and Writing and Publishing in Social Sciences, in collaboration with Indian Sociological Society from February 8-17, 2019
- Organizing Secretary a National Symposium on “Gender Displacements – Women’s Place-making in Modernity”, Dept. of Sociology, University of Kerala, 22<sup>nd</sup> February 2019.
- Co-ordinated the Alumni Meet as part of Golden Jubilee Celebration of the Department on 8<sup>th</sup> March 2019.
- Member, Organizing Team, three day induction programme for the new PG students of the Department of Sociology from 12-14 July 2019.
- Organized a special lecturer as part of the Observation and Celebration of the International Yoga Day on 24<sup>th</sup> July 2019.
- Organised a National Seminar entitled “Smart, sustainable and inclusive societies” funded by University of Kerala from October 16<sup>th</sup>, 17<sup>th</sup>& 18<sup>th</sup>
- Organised an International Seminar entitled “Forced Migrants, Refugees, Welfare policies and the state” funded by University of Kerala from December 2<sup>nd</sup> to December 6<sup>th</sup> 2019 at Senate chamber, University of Kerala.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
	Three Day National Conference “Migration in the New Era: Hope or Despair? 24-26 October 2019.	National	State Plan Fund	24-26 October 2019.	100

15. Major equipments purchased during the year.

Sl. No	Name of the equipment	Cost	Source of fund	Purpose/ use
1	Scanner come Printer	Rs.12,000/-		Photocopy and scanning.

16. Details of syllabus revisions during the year (indicate major/ minor): **Major Syllabus revision workshop forthcoming.**

17. Details of community outreach programmes (Please give a brief description)

- Tribal camp
- Old Age Home Visit
- PRA
- Gramiyata-Village adoption.
- Blood Donation Camp and Campaigning.

18. Adoption of villages/ colonies/ schools/ departments in colleges, if any with brief description

- Gramiyata-Village adoption---Ongoing programme.
- 19. Steps taken to make the department differently abled friendly- Proposal for the purchase of Wheel chair.
- 20. Green initiatives/ waste management/ energy saving measures.
  - Dept. follows Green Protocol.
  - Purchased Three different colours of waste bins.
  - Steel Plates and Glasses for the events.
  - Constructed Vertical Garden in the corridor of the dept.
- 21. Details of alumni association.

Sl. No	Details	
1.	Name of the association	ALMiSOC
2.	Registered or not	Registered
3.	No. of meetings held this year	2
4.	No. of members added this year	50
5.	Details of alumni contributions, including endowments, talks, donation etc	2 Talk "Chola" (Dept. Green Park-Open Stage)

22. Details of eminent personalities visited in the department.

- Prof. Jeffery C Alexander, Leading Sociologist, Yale University, U S A.
- Dr. Darryl Humble, Dept. of Social Sciences and Languages, Northumbria University, UK.
- Prof. Purushothama Bilimoria, South Asia Philosopher, University of California.
- Halina Greymala Moscrynske, Magiellonian University, Poland.
- Prof. Eisa Nowicka-Rusek & Prof. of Social Anthropology, University of Warsaw, Poland.
- B B Mohanty, Pondicherry University.
- Sri. Sumesh SS, Tezpur University, Assam.
- Sri.S. Srikanth, Social AuditConsultant, MORD, Govt. of India.
- Sri.Sally Bould, University of Delayre, USA.
- Sri.Roxana Eleta, France.
- Dr. G Srikanta Nayaka, Manglore University, Karnataka.
- Bhagyashri Shrimant Pawar, Central University Gujarath.
- Dr. N Kannan, M S University, Thirunelveli.

23. Details of awards received by faculty/ staff/ students.

- Shastri Indo Canadian Research mobility award from Centre for Refugee Studies, York University, Canada to Dr. Bushra Beegom R K.
- Natya Mayoore Award received by Smt. Abhirami (II MA Sociology student)
- Best Documentary Award received by Smt. Chandralekha C S, Research Scholar.
- 24. Other major achievements and activities, including invited lectures, interactions, get together etc.
  - The Department of Sociology has organized Blood Donation Camp named as **"JEEVADHAR BLOOD DONATION DRIVE"** in association with All Kerala Blood Donors Society on 11<sup>th</sup> July 2019 as part of observing World Population Day.
  - The Department of Sociology has organized special lecture on "Awareness and Practices of Yoga in Every Life" as part of International Yoga Day Observation on 24<sup>th</sup> July 2019.
  - Conducted Special panel discussion on Disaster management with Dept. of Political science&Dept. of Environmental sciences.
  - Organized three day Induction programme in the Dept. level for PG students, 2019 admin.
  - Organized welcome function for MA sociology.
  - Organized farewell function of MSW programme.



- Conducted Tribal Camp at Idukki.
  - Organized three day National seminar on “ Smart, sustainable and inclusive cities: changing Urban Dynamics.
  - Organized three days National seminar on “Migration in the New Era: Hope or Despair ?” by Center for Diaspora Studies and Dept. of Sociology.
  - Oath taken by the Dept. as part of Death Anniversary of Former Prime Minister Indira Gandhi.
  - Oath taken by the Dept. as part of :Kerala Pravi”.
  - Dept.received P K B Nair for Best Advanced Research Centre.
  - Special Lecture on “Mental Welbeing”by Dr. Sonny M S consultant, clinical,Psychiaartist, University Health Centre.
  - Pre – Conference Conclave in association with Dept. of Environmental Sciences.
  - 45<sup>th</sup> All India Sociological Conference from 27<sup>th</sup> to 29<sup>th</sup> December 2019. Inauguration by Shri. Arif Muhammed Khan, Hon’ble Governer, Kerala.
25. Details of International/ National/ State awards/ recognitions received
- Shastri Indo Canadian Research mobility award from Centre for Refugee Studies, York University, Canada to Dr. Bushra Beegom R K.
  - Natya Mayoore Award received by Smt. Abhirami (II MA Sociology student)
  - Best Documentary Award received by Smt. Chandralekha C S, Research Scholar.
- C) CONTRIBUTION AT INDIVIDUAL LEVEL**
- 1. Dr. Pushpam. M, Associate Professor**
- I. Research Guidance**
- i. Guiding MA dissertations – 4
  - ii. Guiding M.Phil Dissertations- 2
  - iii. M.Phil Dissertation Submitted (2018 Adm)- 2
  - iv. Guided 5 Ph.D students
  - v. Ph.D thesis Submitted by Jincy Elsy George
- 2. Resource Person**
- Participated as resource person in the three day Syllabus Revision Workshop for First Degree Programme in Sociology (CBCSS) organized by the Board of Studies (Pass), University of Kerala from 17-19 January 2019.
- 3. Positions Held**
- Head, Dept of Sociology, University of Kerala (2019 from May to Dece.)
  - Member, Senate, University of Kerala (2019- 21)
  - Coordinator, MSW programme of the Department of Sociology, UOK
  - Member, Research Ethical Committee, University of Kerala
  - Member, Board of Studies in Sociology (PG), CMS College
- Member, Board of Studies in Sociology (PG), University of Kerala
  - Chairman, Board of Studies in Social Work (Pass & PG),University of Kerala (2017-19)
- 4. Major research projects**
- Major research project on “Participatory Mode of Tribal Development: A Special Reference to Paliyans in Idukki District funded by University of Kerala for 2 Years from 2018-2020.
- 5. Organized /Co-coordinated seminar /Conferences /workshops etc**
- Organized a National seminar on “Social Intervention and Sustainable Development” from 4-6 February 2019.
  - Co-ordinated the Alumni Meet as part of Golden Jubilee Celebration of the Department on 8<sup>th</sup> March 2019.
  - Organized Three day induction programme for the new PG students of the Department of Sociology from 12-14 July 2019.
  - Organized one day Blood Donation Camp on 11<sup>th</sup> July 2019 at the Kariavattom Campus.
  - Organized a special lecturer as part of the Observation and Celebration of the International Yoga Day on 24<sup>th</sup> July 2019.
  - Co-convened the three day national seminar on “Migration in the New Era: Hope or Despair?” organized by the Centre for Diaspora Studies in association with Department of Sociology, University of Kerala from 24-26 October 2019.
  - Coordinate the Five day International seminar on “Migrants, Refugees, Policies and the State” organized by the Department of Sociology, University of Kerala from 2-6 December 2019.
  - Co-ordinated one day pre- conference Conclave on “Environment Management: Policies and Strategies” on 12/12/2019 as part of the celebration of Golden Jubilee Celebrations of the Department of Sociology, University of Kerala.
  - Co-ordinated 45<sup>th</sup> All India Sociological Conference on “Environment, Cultural and Development: Discourses and Intersections” from 27-29 December 2019 as part of the celebration of Golden Jubilee Celebrations of the Department of Sociology, University of Kerala.
- 6. Presented Papers**
- “Sustainable Urban Ecology and Water Resource Management” in the National Seminar on “Smart, Sustainable and Inclusive Cities: Changing Urban Dynamics” organized by the Dept of Sociology, University of Kerala from 16-18 October 2019.
  - “Addressing Livelihood Issues of Urban Poor through the Interventions of National Urban Livelihood Mission (NULM) Program and Kudumbashree” in the National Seminar on “Smart, Sustainable and Inclusive Cities: Changing Urban Dynamics” organized by the Dept of Sociology, University of Kerala from 16-18 October 2019.

- “Diaspora and ICT: Influence of Social Networking in Migration” in the three day national seminar on “Migration in the New Era: Hope or Despair?” organized by the Centre for Diaspora Studies in association with Department of Sociology, University of Kerala from 24-26 October 2019.
  - “ Cultural Practices and Community Solidarity among Paliyan Tribes in Iduakki District of Kerala” in the three day National Seminar on “Contribution of South India to Indian Culture” organized by Manonmaniam Sundaranar Centre for Dravidian Cultural Studies, University of Kerala from 19-21 November 2019.
  - “Community Mobilization through Kudumbashree” in the 46<sup>th</sup> Annual National Conference on Environment and Sustainability: Contestations and Confrontations” organized by Kerala Sociological Society at CMS College, Kottayam from 22-24 November 2019.
  - “Menstrual Hygiene and Related Health Concerns of Women During Disaster” in the 45<sup>th</sup> All India Sociological Conference on the theme “Environment, Culture and Development :Discourses and Intersections” organized by Dept of Sociology, University of Kerala as part of Golden Jubilee of the Dept from 27-29 December 2019.
  - “Role of Social Media during Disaster with Special Reference to Kerala Flood” in the 45<sup>th</sup> All India Sociological Conference on the theme “Environment, Culture and Development :Discourses and Intersections” organized by Dept of Sociology, University of Kerala as part of Golden Jubilee of the Dept from 27-29 December 2019.
- 7. Publications (Chapter in Book)**
- “Dimensions of Care for Elderly” in the book on Ageing, Care Wellbeing, Reinventing Social Gerontology, edited by Antony Palackal and Nisha Jolly Nelson, Rawat Publication, New Delhi, 2019.
  - “Tribal Women Empowerment: Human Rights Perspective “in the book on The Media World: Gender Perspective”, edited by Smitha Pillai, Cyber Tech Publications, New Delhi, 2019. (ISBN 978-93-5053-739-8).
  - Tribal Women’s Identity and Eco-Development Programme: A Case of Paliyan Tribe in Kerala” in the edited book by Antony Palackal on Making of Distinctions towards a Social Science of Inclusive Oppositions, Information age Publishing (USA) (forthcoming) in 2020.
- 8. Chaired and Presided over the Sessions in the National and International Conferences.**
- Chaired a session in the three day national seminar on “Migration in the New Era: Hope or Despair?” organized by the Centre for Diaspora Studies in association with Department of Sociology, University of Kerala from 24-26 October 2019.
  - Chaired a session in the 46<sup>th</sup> Annual National Conference on Environment and Sustainability: Contestations and Confrontations” organized by Kerala Sociological Society at CMS College, Kottayam from 22-24 November 2019.
  - Chaired a session in the three day national seminar on “Indian Women: Yesterday, Today and Tomorrow” organized by the Dept of History, School of Distance Education, University of Kerala from 27-26 November 2019.
  - Delivered a presidential address in the inaugural session of the International Seminar on “Forced Migrants, Refugees, Welfare Policies and the State” organized by the Dept of Sociology, University of Kerala from 2-6 December 2019.
  - Co-convended the three day national seminar on “Migration in the New Era: Hope or Despair?” organized by the Centre for Diaspora Studies in association with Department of Sociology, University of Kerala from 24-26 October 2019.
  - Co-convended the Five day International seminar on “Migrants, Refugees, Policies and the State” organized by the Department of Sociology, University of Kerala from 2-6 December 2019.
  - Co-convended one day pre- conference Conclave on “Environment Management: Policies and Strategies” on 12/12/2019 as part of the celebration of Golden Jubilee Celebrations of the Department of Sociology, University of Kerala.
  - Co-convended the 45<sup>th</sup> All India Sociological Conference on “Environment, Cultural and Development: Discourses and Intersections” from 27-29 December 2019 as part of the celebration of Golden Jubilee Celebrations of the Department of Sociology, University of Kerala.
- 9. VIII. Presented Research Papers in different Regional/National and International level Seminars/ Conferences/Workshops.**
- Presented a paper on “Community Based Natural Resource Management and Sustainable Development” in the National seminar on “Social Interventions and Sustainable Development” organized by Dept of Sociology, University of Kerala from 4-6 February 2019.
  - Presented a paper on “Social Work Intervention on Institutionalized Women” in the National seminar on “Social Interventions and Sustainable Development” organized by Dept of Sociology, University of Kerala from 4-6 February 2019.
  - Presented a paper on “Sustainable Model of Water Resource Management : A Case Study” in the National seminar on “Water Resource Management and Sustainable Development” organized by Dept of Economics, University of Kerala from 6-8 February 2019.
  - Presented a paper on “Health Conditions of Paliyans in Idukki District: A Socio- Cultural Perspective” in the National Conference on “Doing Sociology in Kerala: Challenges and Possibilities” organized by Dept of Sociology, Thunchath Ezhuthachan Malayalam University, Thirur, Malappuram from 26-28 February 2019.

- Presented a paper on “Role of Higher Education in Rural Development: Innovations and Best Practices” in the National seminar on “National seminar on “ Role of Higher in Rural Development”” organized by St. Xavier’s College, Palayamkottai, Thirunelveli, Tamil Nadu on 30<sup>th</sup> January 2019.
  - Presented a paper on “Sustainable Urban Ecology and Water Resource Management” in the National Seminar on “Smart, Sustainable and Inclusive Cities: Changing Urban Dynamics” organized by the Dept of Sociology, University of Kerala from 16-18 October 2019.
  - Presented a paper on “Addressing Livelihood Issues of Urban Poor through the Interventions of National Urban Livelihood Mission (NULM) Program and Kudumbashree” in the National Seminar on “Smart, Sustainable and Inclusive Cities: Changing Urban Dynamics” organized by the Dept of Sociology, University of Kerala from 16-18 October 2019.
  - Presented a paper on “Diaspora and ICT: Influence of Social Networking in Migration” in the three day national seminar on “Migration in the New Era: Hope or Despair?” organized by the Centre for Diaspora Studies in association with Department of Sociology, University of Kerala from 24-26 October 2019.
  - Presented a paper on “ Cultural Practices and Community Solidarity among Paliyan Tribes in Iduakki District of Kerala” in the three day National Seminar on “Contribution of South India to Indian Culture” organized by Manonmaniam Sundaranar Centre for Dravidian Cultural Studies, University of Kerala from 19-21 November 2019.
  - Presented a paper on “Community Mobilization through Kudumbashree” in the 46<sup>th</sup> Annual National Conference on Environment and Sustainability: Contestations and Confrontations” organized by Kerala Sociological Society at CMS College, Kottayam from 22-24 November 2019.
  - “Menstrual Hygiene and Related Health Concerns of Women During Disaster” in the 45<sup>th</sup> All India Sociological Conference on the theme “Environment, Culture and Development :Discourses and Intersections” organized by Dept of Sociology, University of Kerala as part of Golden Jubilee of the Dept from 27-29 December 2019.
  - “Role of Social Media during Disaster with Special Reference to Kerala Flood” in the 45<sup>th</sup> All India Sociological Conference on the theme “Environment, Culture and Development :Discourses and Intersections” organized by Dept of Sociology, University of Kerala as part of Golden Jubilee of the Dept from 27-29 December 2019.
- 10. Participation in the National /International Seminars /Conferences**
- Participated in the three day International Seminar on “Secularism, Democracy and Nation Building: Nehru’s Vision and Philosophy” organized by the Dept of Political Sciences, University of Kerala from 19-21 March 2019.
  - Participated in the one day National seminar on “Panmuganokkil Tamil Ilakkiyam” organized by the Dept of Tamil, University of Kerala on 27<sup>th</sup> March 2019.
- II) Dr. M S Jayakumar, Assistant Professor**
1. *Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.*
    - Arunima Anil and M S Jayakumar “ICT Integration in Education: The Case of Secondary Schools in Kerala” in PEOPLE: International Journal of Social Sciences, Vol. 4, Issue 3, March 2019, ISSN -2454-5899, pp. 1948-1962.
    - Arunima Anil and M S Jayakumar, “Improving Rural Health Care Services Using ICT: Telemedicine Facility in Kerala” in International Journal of Scientific & Technology Research, Vol. 8, Issue 04, April 2019. ISSN 2277-8616.
  2. *Details of papers/ abstracts published by the faculty members of the department in conference proceedings with ISBN, month/ year, indexing details if any etc.*
    - Abstracts of International Seminar on FORCED MIGRANTS, REFUGEES, WELFARE POLICIES AND THE STATE organized by Department of Sociology, University of Kerala 02-06 December, 2019.
    - (b) Book of Abstracts of 45<sup>th</sup> All India Sociological Conference on “ENVIRONMENT, CULTURE AND DEVELOPMENT: Discourses and Intersections” organized by Department of Sociology, University of Kerala, 27-29 December 2019.
    - “Indigenous Knowledge for Disaster Risk Reduction: Instances of Significance around the Globe” in Proceedings ‘Disaster and Crisis: Preparedness, Management and Resilience’. ISBN 978-81-927201-7-3- 2019.
  3. *No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co-investigator if any.)*
    - “Marriage Migration in India: Exploring the Dimensions”, IUCAE, 100000/-, one year, Completed, Dr. Krishnakumar C S and Dr. M S Jayakumar.
    - “ICT and Transnational Family: The Situation in Kerala, India”, State Plan Fund, 1227000/-Completed, Dr. M S Jayakumar.
    - “Exclusion Abroad: The Experience of Kerala Diaspora in the Middle East”, Annual Plan Fund, 1000000/-, Completed, Dr. M S Jayakumar.
  - 4) *Details of international/ national conferences/ seminars/workshops organized by the department.*

Sl. No	Name of the conferences/ seminars/workshops	International/national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
	Three Day National Conference "Migration in the New Era: Hope or Despair? 24-26 October 2019.	National	State Plan Fund	24-26 October 2019.	100

#### CONTRIBUTION AT INDIVIDUAL LEVEL

- No. of Ph.D theses awarded - 1
- No. of Ph.D thesis submitted - 1
- No. of M.Phil dissertations awarded - 1
- No. of M.Phil dissertations submitted - 1
- No. of workshops/FDPs/short term courses/conferences attended - 1
- Involvement in academic bodies as dean, academic council/ board of studies member etc.

#### Member, PG Board of Studies in Sociology, University of Kerala.

- Service as reviewer of journals/ seminar papers (give details)

#### Blind Reviewer,

- Media productions (journalism only)

Two Audio-visual documentaries.

- The Unwilling Retreat: Nitaqat and the Returned.
- Voyage in the High Seas: The Untold Narratives of Early Emigrants Part-1
- Activities in clubs, associations, NSS etc

NSS Programme Officer

- Blood donation camps conducted.
- Donated blood
- Arranged blood for patients of various hospitals.
- Collected above Rs. 200,000/- towards treatment fund of a student.
- Visited and interacted with inmates of Sai Gramam.
- E-waste management in the campus.
- Environment protection programmes.
- Implemented Green campus protocols
- Social activities in Govt. UPS, Kariavattom.
- Conducted National Seminar as per Green Protocol and got it certified from Corporation of Trivandrum.

#### III) Dr. Antony Palackal, Associate Professor, Dept of Sociology, University of Kerala

##### 1. Research Guidance

a) MA (ongoing) - 5

b) M.Phil:

Submitted :2  
Ongoing : 2

c) PhD:

Awarded :1  
Submitted :3  
Ongoing :6

##### 2. Resource Person

- Organized as the Chairman, Expert Committee, the Syllabus Revision Workshop in PG Sociology, MG University, at St. Teresa's College, Ernakulam; 23-25 January 2019
- Panelist in the Symposium on "Disasters – Preparing for the Unpredictable" in the 46<sup>th</sup> Annual National Conference of Kerala Sociological Society on the theme "Environment and Sustainability: Contestations and Contributions" held at CMS College (Autonomous) Kottayam from 22-24, November, 2019
- Chairman, Board of adjudicators for doctoral thesis at SreeSankaracharya University of Sanskrit
- Subject Expert, Syllabus revision workshop based on OBTE (Outcome Based Teaching and Evaluation) of Department of Sociology, SreeSankaracharya University of Sanskrit, 11-13 March 2019
- Participated as resource person in the three day Syllabus Revision Workshop for First Degree Programme in Sociology (CBCSS) organized by the Board of Studies (Pass), University of Kerala from 17-19 January 2019.
- Resource person at the three day National Seminar on "Seminar Intervention and Sustainable Development" organized by the Department of Sociology, University of Kerala, 4<sup>th</sup> – 6<sup>th</sup> February 2019
- Subject Expert in Sociology, Kerala Public Service Commission (KPSC) for various positions

##### 3. Positions Held

- Head, Dept of Sociology, University of Kerala (2019 from May to Dec.)
- Member, Minority Committee, University of Kerala
- Coordinator, MSW programme of the Department of Sociology, UoK
- Chairman, BoS, (Pass), University of Kerala
- Member, Board of Studies, Sociology

- Kalady Sri Sankaracharya Sanskrit University, PG Sociology
- Thunchath Ezhuthachan Malayalam University, Tirur, PG Sociology
- St. Teresas' College (Autonomous), Ernakulam, Degree & PG
- Chairman/Member Question Paper Setters, MA/BA Examinations in Sociology,
- University of Calicut, Kerala
- Kannur University, Kerala
- Chairman/Member, Valuation Board, Sociology Examination
- University of Kerala
- Institute of Distance Education, University of Kerala
- MG University, Kottayam

#### 4. Research projects

- 1) Major Research Project on "Agriculture, Food Security and Health: A Study among Organic Farmers in Kerala", funded by University of Kerala
- 2) World Science Project on the effects of ICT on Developing Countries, in association with Louisiana State University, Louisiana, USA. Since 2003 January

#### 5. Organized /Co-ordinated seminar /Conferences /workshops etc

- Organizing Secretary, 45<sup>th</sup> All India Sociological Conference (45<sup>th</sup> AISC) from 27<sup>th</sup> to 29<sup>th</sup> December 2017, in connection with the Golden Jubilee Celebrations of the Dept. of Sociology, University of Kerala.
- Organizing Secretary and the Course Director of the Eight day Research Methodology Workshop in Qualitative Methodology and Writing and Publishing in Social Sciences, in collaboration with Indian Sociological Society from February 8-17, 2019
- Organizing Secretary a National Symposium on "Gender Displacements – Women's Place-making in Modernity", Dept. of Sociology, University of Kerala, 22<sup>nd</sup> February 2019.
- Co-ordinated the Alumni Meet as part of Golden Jubilee Celebration of the Department on 8<sup>th</sup> March 2019.
- Member, Organizing Team, three day induction programme for the new PG students of the Department of Sociology from 12-14 July 2019.
- Organized a special lecturer as part of the Observation and Celebration of the International Yoga Day on 24<sup>th</sup> July 2019.

#### 6. Publications

##### A. Book:

1. Antony Palackal & Nisha Jolly Nelson (ed.) (2019). *Ageing Care and Wellbeing – Reinventing Social Gerontology*. New Delhi: Rawat Publications (Forthcoming 2019)

##### B. Journal Articles:

- 2019. Bounded Solidarity and Mobile Technology: The Decline of Core Networks in Kerala, Jiabin Fan, Oliver Garretson, Antony Palackal, Paige Miller, and Wesley Shrum. *Sociological Bulletin*

- 2019. Antony Palackal. "Organic Agriculture in Kerala: A counter discourse from the margins" *Sociological Bulletin*, 68 (2) June Pp. 169-182. 0038-0229

#### C. Book Chapters

1. 2019. Antony Palackal & Nisha Jolly Nelson, (2019) 'Ageing Care and Well Being: Empowerment and Fulfillment', Introductory Chapter in (2019). *Ageing Care and Wellbeing – Reinventing Social Gerontology*. Antony Palackal & Nisha Jolly Nelson (ed.), New Delhi: Rawat Publications
2. 2019. Antony Palackal (2019). 'Graceful Ageing and Gracious Caring - Reinventing Social Gerontology', Epilogue in *Ageing Care and Wellbeing – Reinventing Social Gerontology*. Antony Palackal & Nisha Jolly Nelson (ed.), New Delhi: Rawat Publications (Forthcoming)
3. 2019. Antony Palackal & Sunilkumar. (2019) 'Absence, Agony and Agency - The Experience of Gulf Wives of the Low-End Job Migrants in Kerala' in *Making of Distinctions: Towards A Social Science of Inclusion*. Antony Palackal, Nandita Chaudhary, Giuseppina Marsico (eds.) (2019)., North Carolina, USA Information Age Publishing, (Forthcoming)
4. 2019. Antony Palackal, Currents in Gender & Democracy – The Role of Media. Edited book by Smitha Pillai on Media, Gender and Democracy

#### 7. D. Radio Talks

1. Panel Discussion on All India Radio on "Why Love Kills" in Malayalam connection 1<sup>th</sup> & 19<sup>th</sup> March 2019.

#### 8. Chaired and Presided over the Sessions in the National and International Conferences.

1. Chaired a session at the three day International Seminar organized by the UGC-Nehru studies center, University of Kerala, 19-21, March 2019
2. Chaired a session in the three day national seminar on "Migration in the New Era: Hope or Despair?" organized by the Centre for Diaspora Studies in association with Department of Sociology, University of Kerala from 24-26 October 2019.
3. Chaired a session in the 46<sup>th</sup> Annual National Conference on Environment and Sustainability: Contestations and Confrontations" organized by Kerala Sociological Society at CMS College, Kottayam from 22-24 November 2019.
4. Chaired a session in the three day national seminar on "Indian Women: Yesterday, Today and Tomorrow" organized by the Dept of History, School of Distance Education, University of Kerala from 27-26 November 2019.
5. Chaired a session at the International Seminar on "Forced Migrants, Refugees, Welfare Policies and the State" organized by the Dept of Sociology, University of Kerala from 2-6 December 2019.

#### 9. Presented Research Papers in different Regional/ National and International level Seminars/ Conferences/Workshops.

1. 2019. Antony Palackal. "The Voyage in Despair and the Flight in Joy: Unfolding the Gulf Magic, with Special Reference to the Kerala Model of Development". The Valedictory Address in the National Seminar on *Gulf Migration in the New Era – Hope or Despair?* Organized by the Centre

for Diaspora Studies, Department of Sociology, University of Kerala, 24-26 October 2019.

2. 2019. "Land Issues and the Developmental Paradox" in the two day conference on *Sustainable Development and Social Work Intervention* Organized by the Dept. of Sociology, University of Kerala, Kariavattom. 4-6 February
3. 2019. "Digital Selves and Shifting Identities" in the two day conference on *Environment, Technology and Sustainable Development: Issues and Challenges* Organized by the Dept. of Sociology, Deena DayalUpadhyaya Gorakhpur University, Gorakhpur 22-23 February
4. 2019. "The Middle Class Phenomenon and the Low-End Job Gulf Migrants" in the two day conference on *Doing Sociology in Kerala – Challenges and Possibilities*. Organized by the Dept. of Sociology, ThunchathEzhuthachan Malayalam University, Tirur 27-28 February

**Dr. Bushra Beegom R K, Assistant Professor**

**1. International Fellowship.**

1. Aailed Shastri Indo Canadian Research mobility award from Centre for Refugee Studies, York University, Canada.

**2. Publications**

1. Maternal Health Care and Health Seeking Behaviour of Kurumba Women in Attappadi Hills in Kerala, India :Heritage: Journal of Multidisciplinary Studies in Archaeology 7 (2019): Jesna George & BushraBeegom, Department of Sociology, University of Kerala.
2. Vizhinjam Through the Ages: Situating the Development of Vizhinjam Port:Heritage: Journal of Multidisciplinary Studies in Archaeology 7 (2019): Alphonsa Joseph & BushraBeegom

**3. National Seminar Organised**

3. Organised a National Seminar entitled "Smart, sustainable and inclusive societies" funded by University of Kerala from October 16<sup>th</sup>, 17<sup>th</sup>& 18<sup>th</sup>

**4. International Seminar organised.**

1. Organised an International Seminar entitled "Forced Migrants, Refugees, Welfare policies and the state" funded by University of Kerala from December 2<sup>nd</sup> to December 6<sup>th</sup> 2019 at Senate chamber, University of Kerala.

**5. Research Project**

1. Presently engaged in the Research Project on " Study in related to khabarstan& Cemeteries in Kerala" for Minority Commission, Government of Kerala 2019.

**6. Resource persons**

2. Resource person in the three day National Seminar "Migration in a new era: Hope or despair" organised by Centre for Diaspora Studies, University of Kerala on 23<sup>nd</sup> to 24<sup>th</sup> October at Department of Sociology 2019
3. Participated in the University level Induction, Department level Induction programme organised by IQAC, University of Kerala
4. Currently guiding three research scholars and one Mphil scholar and one PhD student submitted thesis during this period.
5. Resource person in Walk with a scholar programme at NSS college, Trivandrum on Gender sensitisation programme on 29/ September 2019.
6. Participated in the state level consultation for global compact for migration on September 23<sup>rd</sup>& 24 2019.
7. Guiding 5 MA dissertations

**SCHOOL OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE**

Year of establishment: 1985

Faculty of Applied Sciences and Technology

A. DEPARTMENT PROFILE

1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Dr. D. Muhammad Noorul Mubarak	Male	M.Phil., Ph.D.	Assistant Professor and Head
2	Dr S. Aji	Male	MCA, Ph.D.	Assistant Professor
3	Ms. Philomina Simon	Female	B.Tech., M.Tech.	Assistant Professor
4	Ms. A.L. Aswathy	Female	B.Tech., M.Tech.	Lecturer on contract
5	Ms. Rhythu N. Raj	Female	B.Sc., M.Sc.	Lecturer on contract
6	Ms. Shyja Rafeek	Female	BCA, MCA	Lecturer on contract
7	Mr. N. Faizal	Male	B.Tech., M.Tech.	Lecturer on contract

2. Administrative staff - 4 (3F/1M)
3. Programmes offered

Name of programme		strength		Female	Trans gender	SC	ST	Other reserved categories	Out-side state	Foreign	Pass %
		Sanctioned (Including marginal increase)	Actual								
Masters	MSc (Ist & IInd Year)	60	54	47	-	6	-			1	96
	MTech (Ist & IInd Year)	36	19	14	-	1	-		1		100
M.Phil (.....)		2	2	2							100
PhD		10	10	6	-						NA
Post Doc		Nil									NA
Others		Nil									NA

#### B. COMMON ACTIVITIES

1. Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.- (09 Nos)
  - Sudha, SK and Aji, S. "A Review on Recent Advances in Remote Sensing Image Retrieval Techniques", Journal of the Indian Society of Remote Sensing, Springer India, pp.1-11, 2019. IF:0.869 (2018) [SCI-E Indexed].
  - Vidhya, M. and Aji, S."Recent Developments in Extreme Learning Machine: A Review", Journal of Advanced Research in Dynamical and Control Systems, pp.826-835,2019 [Scopus Indexed].
  - Vidhya, M. and Aji, S, "A Mean Model Based Incremental Learning Technique For Extreme Learning Machine", INTERNATIONAL CONFERENCE ON RECENT TRENDS IN ADVANCED COMPUTING 2019, ICRTAC 2019. Elsevier Procedia Computer Science Journal [Scopus Indexed].
  - Sujitha P, Philomina Simon, "A Computationally Efficient Method for Human Activity Recognition Based on Spatio Temporal Cuboid and Super Normal Vector",Fifth International Symposium on Intelligent Systems Technologies and Applications (ISTA'19)Accepted, Presented and Selected to the special Issue of ISTA Journal of Intelligent & Fuzzy Systems, IOS Press Special Issue [Impact Factor: 1.637][WoS, SCIE indexed].
  - Manju R. A, Koshy G, Philomina Simon, Improved Method for Enhancing Dark Images based on CLAHE and Morphological Reconstruction, INTERNATIONAL CONFERENCE ON RECENT TRENDS IN ADVANCED COMPUTING 2019, ICRTAC 2019, Elsevier Procedia Computer Science Journal [Scopus Indexed] (Accepted and to be published) (UGC CARE- JNL).
  - KokilaDas M, Dinulal P, Koshy G, Philomina Simon, Image Dehazing using Improved Dark Channel Prior and Relativity of Gaussian, INTERNATIONAL CONFERENCE ON RECENT TRENDS IN ADVANCED COMPUTING 2019, ICRTAC 2019. Elsevier Procedia Computer Science Journal [Scopus Indexed] (Accepted and to be published) (UGC CARE- JNL).
  - Philomina Simon, Uma. V, "Deep Learning Based Feature Extraction for Texture Classification" Third International Conference on Computing and Network Communications (CoCoNet'19),Elsevier Procedia Computer Science Journal [Scopus Indexed] (Accepted to be published) (UGC CARE- JNL).
  - Divya Christopher, Philomina Simon,A Novel Approach for Mammogram Enhancement Using Nonlinear Unsharp Masking and L0 Gradient Minimization, Symposium on Emerging Topics in Computing and Communications (SETCAC'19) - Symposium on Emerging Topics in Computing and Communications (SETCAC'19) Elsevier Procedia Computer Science Journal [Scopus Indexed] (Accepted to be published) (UGC CARE- JNL).
  - Sangeetha Mohan, Philomina Simon, "Underwater Image Enhancement Based on Histogram Manipulation and Multiscale Fusion", CoCoNet - Symposium on Signal Processing for Wireless and Multimedia Communications (SPWMC'19)Elsevier Procedia Computer Science Journal [Scopus Indexed] (Accepted to be published) (UGC CARE- JNL)

2. Details of book edited/ published by the faculty members of the department with title, ISBN, publisher, month/ year.
  - Philomina Simon edited the Resource Book for Third Semester on Digital Image Processing, School of Distance Education, PG Degree Programme.
3. Details of papers published by the faculty members of the department as chapters in books with details such as title of the paper, title of the book, editors, publisher, etc.
  - Das, Aswathy M and Aji, S. "A Fast and Efficient Method for Image Splicing Localization Using BM3D Noise Estimation", Integrated Intelligent Computing, Communication and Security, Springer Singapore, pp.643-650, 2019[Scopus Indexed].
  - Shafina, M and Aji, S. "A Single Image Haze Removal Method with Improved Airlight Estimation Using Gradient Thresholding", Integrated Intelligent Computing, Communication and Security, Springer, Singapore, pp.651-659, 2019[Scopus Indexed].
  - Rajeena L., Simon P. (2019) Single-Image Super-Resolution Using Gradient and Texture Similarity. In: Krishna A., Srikantiah K., Naveena C. (eds) Integrated Intelligent Computing, Communication and Security. Studies in Computational Intelligence, vol 771. Springer, Singapore [Springer AISC Scopus indexed] (Book Chapter) (UGC CARE- JNL).
  - Anusuman S.K., Simon P. (2019) Improved Edge-Preserving Decomposition Based on Single Image Dehazing. In: Yadav N., Yadav A., Bansal J., Deep K., Kim J. (eds) Harmony Search and Nature Inspired Optimization Algorithms. Advances in Intelligent Systems and Computing, vol 741. Springer, Singapore [Springer AISC Scopus indexed] (Book Chapter) (UGC CARE- JNL).
  - Vignesh R., Simon P. (2019) Single Image Defogging Based on Local Extrema and Relativity of Gaussian. In: Yadav N., Yadav A., Bansal J., Deep K., Kim J. (eds) Harmony Search and Nature Inspired Optimization Algorithms. Advances in Intelligent Systems and Computing, vol 741. Springer, Singapore [Springer AISC Scopus indexed] (Book Chapter) (UGC CARE- JNL)
4. Details of papers/ abstracts published by the faculty members of the department in conference proceedings with ISBN, month/ year, indexing details if any etc.
  - Binu Balakrishnan and D. Muhammad Noorul Mubarak "Image Encryption Using 2D Logistic Adjusted Sine Chaotic Map with Shuffled Index Matrix" in the First International Conference on Advances in Electrical and Computer Technologies 2019 (ICAECT - 2019).
  - Leena G Pillai, D. Muhammad Noorul Mubarak, "Stacked Auto-Encoder Architecture for Isolated Malayalam Speech Recognition System with Scaled Conjugate Gradient Algorithm", in ICSO' 19.
  - Chempak Kumar A,D. Muhammad Noorul Mubarak, "Review on Deep Learning Technique for the diagnosis of Esophageal Cancer", in ICSO' 19.
  - Sreeja S, D. Muhammad Noorul Mubarak, "Generating Pseudo-Computed Tomography Images for radiation therapy treatment planning of brain tumor: A Review", in ICSO' 19.
  - Veena Chandran and Philomina Simon presented a paper 2019. Review on dental image based biometric system. In *Proceedings of the Third International Conference on Advanced Informatics for Computing Research (ICAICR '19)*. ACM, New York, NY, USA, Article 34, 6 pages. DOI: <https://doi.org/10.1145/3339311.3339345>.
  - Philomina Simon presented a paper on Segmentation of dental radiograph images. In *Proceedings of the Third International Conference on Advanced Informatics for Computing Research (ICAICR '19)*. ACM, New York, NY, USA, Article 33, 5 pages. DOI: <https://doi.org/10.1145/3339311.3339344>, 2019.
  - Philomina Simon Presented a paper on "Deep Learning Based Feature Extraction for Texture Classification" Third International Conference on Computing and Network Communications (CoCoNet'19), Elsevier Procedia Computer Science Journal [Scopus Indexed] (Presented on 18 Dec 2019).
  - Philomina Simon presented a paper on "Analysing Applicability of Intelligent Data Mining Techniques for Texture Classification", International Conference on Applied Soft computing and Communication Networks (ACN'19), December 18, 2019, Trivandrum, India.
5. Details of articles published by the faculty members of the department in scholarly magazines, bulletins No. of PhD theses awarded. : 1
6. No. of M. Phil dissertations submitted. : 2
7. Placement details of students.

Sl No	Name of student	Name of course	Name of the company
1.	B. Ajisha	M.Tech.	Embright
2.	Nidhin Saji	M.Tech.	CarlZeiss
3.	B.S. Reshmi	M.Tech.	TCS
4.	A.K. Athul	M.Sc.	Mobilexion
5.	Sangeetha	M.Tech.	Mobilexion
6.	Sheniya Sebastian	M.Tech.	Mobilexion
7.	Nithin	M.Sc.	Mobilexion



8. Students who cleared GATE/NET/SET etc. - 3 (NET)

9. Details of Library books/ journals.

Sl. No	Details	
1.	Whether the library is automated	Yes
2.	No. of books in stock as on Jan 1,2019	4679
3.	No. of books added this year	144
4.	No. of offline journal subscribed	----
5.	No. of online journals subscribed	7 (Through campus library)
6.	No. of online books available	NIL
7.	Amount spend for purchase of books	Rs. 902768/-

10. 23. Major equipments purchased during the year.

Sl. No	Name of the equipment	Cost	Source of fund	Purpose/ use
11	Fujitsu Celsius M770 High-end Workstation with Intel Xeon® W-2155 series Processor.	1265512.49	State Plan-Development of Department	High Performance Computing

11. Details of community outreach programme(Please give a brief description)

1. VISITED GOVERNMENT TRIBAL HIGH SCHOOL, IDINJAR

The department of computer science student and staff visited Govt.Tribal High School, Idinjar on 25th February 2019. Students and staff conducted different sessions and programs for the students of the tribal

school, sessions include a class on Scope of higher studies, Exhibition of Computer hardware etc. And staff and students of the department of computer science interacted with students and share their experience. By the decision made in the executive meeting we contributed Rs 10000/- towards school lunch.

12. Details of alumni association.

Sl. No	Details	
1.	Name of the association	Computer Science Alumni Association Kariavattom (COMSAK)
2.	Registered or not	Not Registered
3.	No. of meetings held this year	2
4.	No. of members added this year	40
5.	Details of alumni contributions, including endowments, talks, donation etc	NIL

13. Details of eminent personalities visited in the department.

Department of Computer Science Organized a talk on "Large Scale Visual Data Analytics for Geospatial Applications" by Dr. Gaurav Sharma, Professor in the Department of Electrical and Computer Engineering,

University of Rochester, USA,22-02-2019.

14. Important society chapters like IEEE, Aquatic association etc

IEEE Chapter

15. Details of online courses offered

Sl. No.	Details	Spoken Tutorial
1.	No. of MOOC courses offered	02
2.	Name of the coordinator	Ms. Philomina Simon
3.	No. of students enrolled for the course	35
4.	No. of students enrolled for online/MOOC courses offered by other institutions	NIL

### C. CONTRIBUTION AT INDIVIDUAL LEVEL

**Name of faculty: Dr D. Muhammad Noorul Mubarak**

3. No. of presentations in conferences/ seminars (indicate oral/ poster) : **04**
4. No. of PhD theses awarded : **01**
5. No. of MPhil dissertations awarded : **02**
6. No. of MPhil dissertations submitted : **01**
7. No. of workshops/FDPs/short term courses/ conferences attended : **02**
  - Participated in a Outcome based Education relating to Syllabus revision on 1st June 2019 at the Aquatic Biology Hall, Kariavattom conducted by IQAC, University of Kerala.
  - Participated in a one day workshop on Outcome based Education relating to Syllabus revision on 23 July 2019 at the Aquatic Biology Hall, Kariavattom conducted by IQAC, University of Kerala.
8. Service as reviewer of journals/ seminar papers (give details) : **01**
  - Served as Reviewer of the 'International Conference on Soft Computing and Optimizing Techniques (ICSO'19)' by Kamaraj College, Thoothukkudy on 09 & 10 Aug 2019.
  - Invited Talk on CNN and Transfer Learning at 2<sup>nd</sup> International Conference on Advanced Computing (ICAC-2019)
9. Served as Chair/ member of committees/ boards/ councils/ commissions etc.
  - Chairman, Department Doctoral Committee, University of Kerala.
  - Member, PG - Board of Studies (Computer Science), University of Kerala
  - Member, PG - Board of Studies (Computer Science), University of Kerala.
  - Member, IT-Monitoring committee, University of Kerala.

**Name of faculty: Dr Aji S.**

1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. : 03
2. No. of papers published as chapters in books : 02
3. No. of MPhil dissertations awarded : 01
4. No. of MPhil dissertations submitted : 01
5. Involvement in academic bodies as dean, academic council/ board of studies member etc.
  - Chairman, Board of Studies (PG), Computer Science, University of Kerala
  - Member, Board of Studies (Pass), Computer Science, University of Kerala

**Name of faculty: Ms. Philomina Simon**

1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. **11** (5 published 6 accepted)
2. No. of book edited/ published with ISBN : 1
  - Philomina Simon edited the Resource Book for Third Semester on Digital Image Processing,

School of Distance Education, PG Degree Programme

3. No. of papers published as chapters in books : 3
4. No. of presentations in conferences/ seminars (indicate oral/ poster): 4
5. No. of MOOC/Online courses completed: 1
  - MOOC on Citation Network Analysis conducted by Dr. C. Satheesh Kumar, Department Futures Studies organised by University of Kerala on April, 2019
6. No. of workshops/FDPs/short term courses/ conferences attended: 11
  - Philomina Simon Participated an NPTEL awareness workshop at College of Engineering Trivandrum on 22/1/2019.
  - Philomina Simon Participated in a Workshop on Communication and Professional Etiquettes by Prof Randy Duran jointly organized by IQAC, University of Kerala and Louisiana State University as a part of Annual Interdisciplinary Meet(AIAM 2K19), USA from 25-29 March 2019.
  - Philomina Simon participated in a Poster Presentation on "Sensory Gardens as an Educational Tool for Children with Special Needs" organised by Curriculum Development Center, Department of Education, Internal Quality Assurance Cell of University of Kerala and FLAIR, Govt of Kerala on 20-22 March 2019.
  - Philomina Simon participated in a Poster Presentation on "Flipped Classroom Teaching Model for STEM courses" in Curriculum Fair organised by Curriculum Development Center, Department of Education, Internal Quality Assurance Cell of University of Kerala and FLAIR, Govt of Kerala on 20-22 March 2019.
  - Philomina Simon participated in a Outcome based Education relating to Syllabus revision on 1st June 2019 at the Aquatic Biology Hall, Kariavattom conducted by IQAC, University of Kerala.
  - Philomina Simon participated in a one day workshop on Outcome based Education relating to Syllabus revision on 23 July 2019 at the Aquatic Biology Hall, Kariavattom conducted by IQAC, University of Kerala.
  - Philomina Simon participated a five day FDP on Robotics from 27/11/2019 to 01/12/2019 organised by AICTE Training and Learning (ATAL) Academy at Model Finishing School, Kerala Science and Technology Museum Camous, Thiruvananthapuram, 2019.
  - Philomina Simon participated a Three day National Workshop on Advanced Deep Learning organised by the Department of Computer Science and Engineering from 20-22 May, 2019 at Mar Baselious College of Engineering and Technology, Thiruvananthapuram..
  - Philomina Simon has participated in a 2-day Young Innovator's Programme- Facilitators Workshop on Design for Kerala conducted by ICT Academy of Kerala (ICTAK) in association with

- Kerala Development and Innovation Strategic Council (K-DISC) from 30.10.2019 to 31.10.2019 at ICFOSS, Sports Hub, Green Field Stadium, Kariavattom, Thiruvananthapuram, Kerala.
- Philomina Simon participated in Third International Conference on Computing and Network Communications (CoCoNet'19) in Trivandrum, Kerala, India on December 18-21, 2019 organized by Indian Institute of Information Technology and Management-Kerala (IIITM-K), Trivandrum in association with ACM Trivandrum Professional Chapter.
  - Philomina Simon attended a talk on AI and Machine Learning jointly organized by Computer Society of India Trivandrum Chapter and Kerala State IT Mission as part of Technical Talk Series in Thiruvananthapuram on 10th July 2018
- Involvement in academic bodies as dean, academic council/ board of studies member etc.
    - Member, PG BoS Computer Science, University of Kerala.
    - Member, UG BoS Computer Science, Mar Ivanious College(Autonomous)
  - Service as reviewer of journals/ seminar papers (give details)
    - Reviewer, IEEE Access Journal
    - Reviewer, CoCoNeT Conference Dec 2019
    - Reviewer, NetAct Conference July, 2019
  - Served as Chair/ member of committees/ boards/ councils/ commissions etc.
    - Philomina Simon served as session chair in two sessions of Paper presentation at National Conference on Emerging Trends in Computer and Communication Technologies (NCETCCT 2019) on 7 May 2019
- Philomina Simon served as session chair in one sessions of Paper presentation at Third International Conference on Computing and Network Communications (CoCoNet'19 on 20 Dec 2019.
  - Served as Organization Committee Member for Annual Interdisciplinary Meet conducted by School of Technology University of Kerala
  - Chaired a session on Science and Technology – Nehruvian era at Department of Political Studies on 20<sup>th</sup> March 2019 conducted by UGC Nehru Center Studies.
  - Associate Member, Universal Association of Computer and Electronics Engineers
  - Professional Member, ACM
  - Member, IEEE
  - Life Member, CSI
  - Member, IAENG
  - Member, Machine Intelligence Research Labs(MIR Labs)
- Details of international/ national/ state awards/ recognitions received. NIL
  - Public talks/ discussions over AIR/ television channels
    - Philomina Simon gave a talk on the Importance of Education at Govt UP Tribal School, Idinjaar, Palode, March 2019
  - Any other activities
    - E-content developed in Youtube Epaathshaala for course “Software Engineering
    - Research Process in March 2019.

## DEPARTMENT OF FUTURES STUDIES

**Year of Establishment: 1990**

### A. DEPARTMENT PROFILE

#### 1. Teaching Staff

Sl.No	Name (in the order of seniority)	Gender (M/F/TG)	Qualifications (Highest two)	Designation
1	Dr. Manoj Changat	M	M. Sc. Ph. D	Professor
2	Dr. K. Satheesh Kumar	M	M. Sc. Ph. D	Associate Professor
3	Dr. Thara Prabhakaran	F	M. Tech, Ph. D	Asst. Professor
4	Dr. P.J. Christabell	F	MA. Ph. D	Asst. Professor

#### 2. Administrative staff - 4 Nos. (1M/3F)

#### 3. Programmes offered - Current Strength & Details

##### Details

Name of programme	strength	Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actual							

Masters										
1. (M. Tech in Technology Management)	15	4	2							100%
2. M. Sc in Data Science	18	14	9							100%
M. Phil (Futures Studies)	6	5	5							100%
PhD (Full time)		8			2					100%
PhD (Part time)		6								100%
Post Doc		1	1							100%
Others PGDKM	15									

## B. COMMON ACTIVITIES

1. Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.

- George, S., Lathabai, H.H., Prabhakaran, T and Manoj Changat, A framework towards bias-free contextual productivity assessment, *Scientometrics* (2019) doi.org/10.1007/s11192-019-03286-7 (IF :2.770)
- Bijo S. Anand, Ullas Chandran S.V., Manoj Changat, Mitre C. Dourado, PG. Narasimha-Shenoi and Ferdoos Hossein Nezhad, On the Carathéodory and Exchange Numbers of Geodetic Convexity in Graphs ( accepted in Theo. Comp. Sci.) ( Impact Factor: 0.718)
- Bijo S. Anand, Ullas Chandran S. V., Manoj Changat, Sandi Klavžar, Elias John Thomas, Characterization of general position sets and its applications to cographs and bipartite graphs, *Applied Mathematics and Computation* 359 (2019) 84–89( Impact Factor: 3.092)
- Manoj Changat, Ferdoos Hossein Nezhad and N.Narayanan, Axiomatic Characterization of the Interval Function of a Bipartite Graph ( accepted in Disc. Appli.Math.) ( Impact Factor: 0.983)
- Manoj Changat, Ferdoos Hossein Nezhad and N.Narayanan, Interval Function, Induced Path Function, Claw and Paw-free Graphs and Axiomatic Characterizations, *Discrete Applied Math.* (Doi.org/10.1016/j.dam.2018.05.035-Available online 19 June 2018) ( Impact Factor: 0.983)
- Prabhakaran, Thara, Lathabai, Hiran H. and George, Susan. “Competing, complementary and co-existing paradigms in techno-scientific literature: A case study of Nanotechnology for

engineering.” *Scientometrics* 118, no. 3 (2019): 941-977. (Impact Factor:2.770)

- Sunitha Vijayan and Christabell P J (2019): “Managing Risk in Agriculture: A Study of Crop Insurance in Kerala” *International Journal of Innovative Knowledge Concepts* (ISSN: 2454-2415), Vol 7 No. 4: pp 8-21.
  - Bindu, N., C. Prem Sankar, and K. Satheesh Kumar. “From conventional governance to e-democracy: Tracing the evolution of e-governance research trends using network analysis tools.” *Government Information Quarterly*, Volume 36, Issue 3, July 2019, Pages 385-399 (Impact Factor: 4.311 )
  - Bindu, N., C. Prem Sankar, and K. Satheesh Kumar. “Research collaboration and knowledge sharing in e-governance: Temporal analysis of co-author network.” *Transforming Government: People, Process and Policy* 13.1 (2019): 2-33.
  - Valsaraj, P, Drisya Alex Thumba, K. Asokan, and K. Satheesh Kumar. “Symbolic regression-based improved method for wind speed extrapolation from lower to higher altitudes for wind energy applications.” *Applied Energy* 260, (2020): 114270. (Impact Factor: 8.426)
  - Sankar, C. Prem, Drisya Alex Thumba, T. R. Ramamohan, SS Vinod Chandra, and K. Satheesh Kumar. “Agent-based multi-edge network simulation model for knowledge diffusion through board interlocks.” *Expert Systems with Applications* 141 (2020): 112962.(Impact Factor: 4.292 )
2. Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.
- Manoj Changat, PG. Narasimha-Shenoi and Geetha Seethakuttyamma, Betweenness in graphs: A short survey on shortest and induced

- path betweenness, AKCE International Journal of Graphs and Combinatorics 16 (2019) 96–109
- Manoj Changat, Prasanth G. Narasimha-Shenoi, Ferdoos Hossein Nezhad, Matjaž Kovše, Shilpa Mohandas, Abisha Ramachandran, Peter F. Stadler, Transit sets of  $k$  point crossover operators, AKCE International Journal of Graphs and Combinatorics (2019), <https://doi.org/10.1016/j.akcej.2019.03.019>.
  - Manoj Changat, PG. Narasimha-Shenoi, M. S. Thottungal-Joseph and Ram Kumar, Boundary vertices of Cartesian product of directed graphs, Int. J App. and Com Math (2019)
  - Manoj Changat, PG. Narasimha-Shenoi and Peter F Stadler, Axiomatic Characterization of Transit Functions of Weak Hierarchies, Art of Disc. and Appli. Math Vol.2(1) (2019) (doi.org/10.26493/2590-9770.2\_1)
- Details of patents requests filed in 2019 but pending at patent office.
  - One patent filed with patent office at Chennai: application number 201941012155
  - No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any.)

Project name	Funding agency	Total outlay	Duration	Completed or not	Principal investigator and co-investigator
Axiomatics of betweenness in discrete structures under the MATRICS scheme.	DST-SERB, Govt. of India	6,60,000/-	2018-2021 Starting date 27-07-2018 End Date: 26-07-2021	On going	Dr.Manoj Changat
Linkages between STEM Education and STEM Employment: An inquiry into Identifying Skill Gaps and Policy Distortions	Impactful Policy Research in Social Science (IMPRESS) of Indian Council for Social Science Research (ICSSR)	Rs 900000/-	2 years	On going	Dr Christabell P J
Indigenous Financial Technologies in the social economy of Kerala: A Study based on community economies approach	Inter University Centre for Alternative Economics (IUCAE), Department of Economics University of Kerala	Rs. 1,00,000/-	2 years	On going	Dr Christabell P J

- No. of PhD theses awarded.-4
- No. of PhD theses submitted.-3
- No. of M. Phil dissertations awarded.-3
- No. of M. Phil dissertations submitted.-1
- Placement details of students.

Sl No	Name of student	Name of course	Designation	Name of the company	Annual Pay
1	Ganesh P Kumar	M. Tech	Business Analyst	Tiltlabs Pvt. Ltd	360000
2	Reethu Das	M. Tech	Asst. Software Engineer	SEQATO Software solution	300000

10. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	no
2.	No. of books in stock as on Jan 1,2019	4237
3.	No. of books added this year	140
4.	No. of offline journal subscribed	7

5.	No. of online journals subscribed	nil
6.	No. of online books available	
7.	Amount spend for purchase of books	164812

#### 11. No of funded projects active during the year:

(Project name, funding agency, total outlay)

Project name	Funding agency	Total outlay	Duration	Completed or not	Principal investigator and co-investigator
Axiomatics of betweenness in discrete structures under the MATRICS scheme.	DST-SERB, Govt. of India	6,60,000/-	2018-2021	Not completed	Dr.Manoj Changan
Linkages between STEM Education and STEM Employment: An inquiry into Identifying Skill Gaps and Policy Distortions	Impactful Policy Research in Social Science (IMPRESS) of Indian Council for Social Science Research (ICSSR)	Rs 900000/-	2 years	On going	Dr Christabell P J
Indigenous Financial Technologies in the social economy of Kerala: A Study based on community economics approach	Inter University Centre for Alternative Economics (IUCAE), Department of Economics University of Kerala	Rs. 1,00,000/-	2 years	On going	Dr Christabell P J

#### 12. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1	International workshop on professional and research etiquette	International	University of Kerala ( Interaction with Eminent Scholars scheme)	25-29, March, 2019	35 : Indian Participants
2	National workshop on theory and applications of algorithms and artificial intelligence	National	University of Kerala ( Interaction with Eminent Scholars scheme)	18-21, March, 2019	30
3	National Workshop on Advances in Data Science 2019- Three level workshop	National	University of Kerala	November 20-21 December 12-13 and 16-17, 2019	

#### 13. Details of consultancy work active during the year.

Sl. No	Name of the project	Project Director	Sponsoring agency	Outlay	Duration
1	River Bank Mapping and Sand auditing of Gayathripuzha, Palakkad, Kerala	Mr. Sanal Kumar S.P, Senior System Analyst	Revenue Department, Govt. of Kerala	Rs. 9,16,000/- (Rupees Nine Lakhs Sixteen thousand only)	1 year
2	Sand auditing of Pamba River, Pathanamthitta	Mr. Sanal Kumar S.P, Senior System Analyst	Revenue Department, Govt. of Kerala	Rs.8, 90,000/- (Rupees Eight Lakhs Ninety Thousand only)	1 year

#### 14. Details of alumni association.

Sl. No	Details	
1.	Name of the association	Alumni- Futures
2.	Registered or not	Not registered
3.	No. of meetings held this year	One
4.	No. of members added this year	9

#### 15. Details of eminent personalities visited in the department.

- Prof. Randi Duran, Director, Research, Louisiana State University, Baton Rouge, LA, USA visited the department during 24-29, March, 2019
- Prof. Subir Kumar Ghosh, NBHM National Professor, Ramakrishna Mission Vivekananda University, Belur Math, Howrah visited the Department during March 18-21, 2019
- Prof. B. Chandra, Adjunct Professor, IT School, IIT Delhi

#### including invited lectures, interactions, get together etc.

- Dr K. Satheesh Kumar delivered an invited talk at *International Conference on Photochemistry and Sustainable Energy during Oct.16-19, 2019* (<http://icpse2019.com/index.php?cmd=speak>)
- Dr K. Satheesh Kumar was a session Chair at the Symposium on Machine Learning and Metaheuristics Algorithms, and Applications (SoMMA'19) (SoMMA'19), Dec. 18-21, 2019 (<http://www.acn-conference.org/>)

#### 16. Other major achievements and activities,

17. Details of International/ National/ State awards/ recognitions received

Name of the teacher awarded international fellowship	Name of the award/fellowship	Year of award	Awarding Agency
Dr. Manoj Changat	As guest researcher at Max Plank Institute for Science & Mathematics	2019	Max Plank Institute for Mathematics in the Science
Dr. Manoj Changat	Individual Travel Grant for Mathematicians in the developing country for undertaking the Max Plank Guest Researcher Fellowship	2019	Commission for Developing Countries of the International Mathematical Union (CDC-IMU)

#### 18. Important society chapters like IEEE, Aquatic association etc

#### 19. Details of online courses offered

Sl. No	Details	
1.	No. of MOOC courses offered	1
2.	Name of the coordinator	Dr. K Satheesh Kumar
3.	No. of students enrolled for the course	156
4.	No. of students enrolled for online/MOOC courses offered by other institutions	

#### C. CONTRIBUTION AT INDIVIDUAL LEVEL

##### Name of faculty: Dr. Manoj Changat

#### 4. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.-5

- George, S., Lathabai, H.H., Prabhakaran, T and Manoj Changat, A framework towards bias-free contextual productivity assessment, *Scientometrics* (2019). doi.org/10.1007/s11192-019-03286-7 ( Impact Factor: 2.173)
- Bijo S. Anand, Ullas Chandran S.V., Manoj Changat, Mitre C. Dourado, PG. Narasimha-

Shenoi and Ferdoos Hossein Nezhad, On the Carathéodory and Exchange Numbers of Geodetic Convexity in Graphs, *Theoretical Com. Sci.*doi.org/10.1016/j.tcs.2019.10.041 ( Impact Factor: 0.718)

- Bijo S. Anand, Ullas Chandran S. V., Manoj Changat, Sandi Klavžar, Elias John Thomas, Characterization of general position sets and its applications to cographs and bipartite graphs, *Applied Mathematics and Computation* 359 (2019) 84–89 ( Impact Factor: 3.092)
- Manoj Changat, Ferdoos Hossein Nezhad and N.Narayanan, Axiomatic Characterization of the

- Interval Function of a Bipartite Graph ( accepted in Disc. Appli.Math.) ( Impact Factor: 0.983)
- Manoj Changat, Ferdoos Hossein Nezhad and N.Narayanan, Interval Function, Induced Path Function, Claw and Paw-free Graphs and Axiomatic Characterizations, Discrete Applied Math. (Doi.org/10.1016/j.dam.2018.05.035-Available online 19 June 2018) (Impact Factor: 0.983)
- 5. No. of papers published in other peer reviewed journals with ISSN etc.**
- Manoj Changat, PG. Narasimha-Shenoi and Geetha Seethakuttyamma, Betweenness in graphs: A short survey on shortest and induced path betweenness, AKCE International Journal of Graphs and Combinatorics 16 (2019) 96–109
  - Manoj Changat, Prasanth G. Narasimha-Shenoi, Ferdoos Hossein Nezhad, Matjaž Kovše, Shilpa Mohandas, Abisha Ramachandran, Peter F. Stadler, Transit sets of  $k$  point crossover operators, AKCE International Journal of Graphs and Combinatorics (2019), <https://doi.org/10.1016/j.akcej.2019.03.019>.
  - Manoj Changat, PG. Narasimha-Shenoi, M. S. Thottungal-Joseph and Ram Kumar, Boundary vertices of Cartesian product of directed graphs, Int. J App. and Com Math (2019)
  - Manoj Changat, PG. Narasimha-Shenoi and Peter F Stadler, Axiomatic Characterization of Transit Functions of Weak Hierarchies, Art of Disc. and Appli. Math Vol.2(1) (2019) (doi. org/10.26493/2590-9770.2\_1)
- 6. No. of presentations in conferences/ seminars (indicate oral/ poster)**
- Manoj Changat, Transit Functions and Related problems, invited talk presented in the National Conference on Discrete Mathematics held at Kannur University, Kannur, Kerala during 28-29, January, 2019. ( Oral: Invited talk)
  - Manoj Changat, Interval function of a graph and related problems, invited talk presented in the National Seminar on Algebra and Graph Theory (NSAGT 2019) held at S.B College, Changanassery, Kerala during 17-19, January, 2019 ( Oral: Invited talk)
  - Susan George, Hiran H. L., Thara Prabhakaran, and Manoj Changat. Towards stock recommendation and portfolio management systems using network analysis, (2019) International Conference on Networks & Advances in Computational Technologies (NetACT), Department of Computer Science & Engineering, Mar Baselios College of Engineering & Technology, 23-25 July, 2019
  - Susan George, Hiran H. L., Thara Prabhakaran, and Manoj Changat. Network approach for inventor collaboration recommendation system, (2019) International Conference on Networks & Advances in Computational Technologies (NetACT), Department of Computer Science & Engineering, Mar Baselios College of Engineering & Technology, 23-25 July, 2019
- 7. No. of PhD theses awarded : 3**
- 8. No. of PhD thesis submitted: 2**
- 9. No. of MPhil dissertations awarded: 2**
- 10. No. of foreign visits for academic purposes : 1**
- Visited Max Plank Institute for Mathematics in the Sciences, Leipzig Germany during May-September, 2019 as a guest researcher by availing the Individual travel fellowship from the Commission for Developing Countries of International Mathematical Union (CDCIMU). Also visited Aix-Marseille University France and University of Maribor, Slovenia during this period.
- 11. Involvement in academic bodies as dean, academic council/ board of studies member etc.**
- Chairman Board of Studies in Futures Studies
  - Member of Board of Studies in Mathematics, CUSAT, Kochi
  - Member, Board of Studies in Mathematics, SB. College, Changanassery
- 12. Service as reviewer of journals/ seminar papers (give details)**
- Referred papers for various international journals including: Discrete Mathematics, Discrete Applied Mathematics, Discrete Optimization, Theoretical Computer Science, Discrete Mathematics and Theoretical Computer Science, SIAM Journal of Discrete Mathematics, Carpathian Journal of Mathematics, Discussiones Math Graph Theory, Scientometrics
  - Proceedings of the National Academy of Sciences, Far East Journal of Mathematics, AKCE Journal of Mathematics, Springer LNCS and Indian Journal of Discrete Mathematics,
  - Reviewer of Maths-Scinet (Mathematical Reviews of AMS) and Zentralblatt Fur Mathematica, Programme Committee member of CALDAM 2015, CALDAM 2016, CALDAM 2017, CALDAM 2018, CALDAM 2019, and CALDAM 2020 ( one of the PC Co-Chairs of the forthcoming during February, 2020) and reviewer of papers of CALDAM conferences.
- 13. Served as Chair/ member of committees/ boards/ councils/ commissions etc.**
- Member of the American Mathematical Society since 2005
  - Life member of Academy of Discrete Mathematics and Applications (ADMA)
  - Member of the Association for Computer Science and Discrete Mathematics Kolkata
- Name of faculty: Dr. Thara Prabhakaran**
- 20. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.- 2**
- George, Susan, Hiran H. Lathabai, Thara Prabhakaran, and Manoj Changat. "A framework towards bias-free contextual productivity assessment." *Scientometrics* (2019): 1-31. (IF :2.770)



- Prabhakaran, Thara, Lathabai, Hiran H. and George, Susan. "Competing, complementary and co-existing paradigms in techno-scientific literature: A case study of Nanotechnology for engineering." *Scientometrics* 118, no. 3 (2019): 941-977. (IF :2.770)
21. No. of presentations in conferences/ seminars (indicate oral/ poster) –Oral- 2
- Susan George, Hiran H. L., Thara Prabhakaran, and Manoj Changat. Towards stock recommendation and portfolio management systems using network analysis, (2019) International Conference on Networks & Advances in Computational Technologies (NetACT), Department of Computer Science & Engineering, Mar Baselios College of Engineering & Technology, 23-25 July, 2019
  - Susan George, Hiran H. L., Thara Prabhakaran, and Manoj Changat. Network approach for inventor collaboration recommendation system, (2019) International Conference on Networks & Advances in Computational Technologies (NetACT), Department of Computer Science & Engineering, Mar Baselios College of Engineering & Technology, 23-25 July, 2019

**Name of faculty: Dr. Christabell PJ**

10. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. - 1
11. No. of presentations in conferences/ seminars (indicate oral/ poster)- 3 oral presentations
12. No. of PhD theses awarded -1
13. No. of PhD thesis submitted -1
14. No. of MPhil dissertations awarded -1
15. No. of MPhil dissertations submitted-1
16. Service as reviewer of journals/ seminar papers (give details)- Reviewer of "The Review of Black Political Economy" of Sage Publishing
17. Public talks/ discussions over AIR/ television channels – 4 discussions in television channels (Doordharshan and News 18)

**Name of faculty: 4) Dr K. Satheesh Kumar**

28. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. – 5
- Bindu, N., C. Prem Sankar, and K. Satheesh Kumar. "From conventional governance to e-democracy: Tracing the evolution of e-governance research trends using network analysis tools." *Government Information Quarterly*, Volume 36, Issue 3, July 2019, Pages 385-399 (Impact Factor: 4.311 )
  - Valsaraj, P, Drisya Alex Thumba, K. Asokan, and K. Satheesh Kumar. "Symbolic regression-based improved method for wind speed extrapolation from lower to higher altitudes for wind energy applications." *Applied Energy* 260, (2020): 114270. (Impact Factor: 8.426)
  - Sankar, C. Prem, Drisya Alex Thumba, T. R. Ramamohan, SS Vinod Chandra, and K. Satheesh Kumar. "Agent-based multi-edge network simulation model for knowledge diffusion

- through board interlocks." *Expert Systems with Applications* 141 (2020): 112962.(Impact Factor: 4.292 )
- Bindu, N., C. Prem Sankar, and K. Satheesh Kumar. "Research collaboration and knowledge sharing in e-governance: Temporal analysis of co-author network." *Transforming Government: People, Process and Policy* 13.1 (2019): 2-33.
29. No. of presentations in conferences/ seminars (indicate oral/ poster)- 5 oral presentations
- Delivered invited talk on wind energy modelling at the International Conference on Photochemistry and Sustainable Energy (ICPSE 2019) organized by Department of Chemistry, St. Michael's College, Alapuzha during October 16-19, 2019 (oral)
  - Delivered invited lectures on training programme on academic leadership organized by Centre for Academic Leadership and Education Management, AMU, Aligarh held at University of Kerala during April 2-5, 2019 (oral)
  - Delivered invited talk on creating audio video lessons at the three-day National workshop on developing content for online courses on functional English for adult learners held at University of Kerala during January 14-16, 2019 (oral)
  - Delivered lectures as a resource person to national workshop on modern breakthroughs in number theoretics and discrete geometric problems held at the Department of Mathematics, University of Kerala during 10-13 December 2019 (oral)
  - Delivered a lecture on citation network analysis as a resource person at 13<sup>th</sup> KUHS national conference on students's medical research 2019 organized by the Department of Community Medicine, Government Medical College, Thiruvananthapuram during 15-16 November 2019 (oral)
  - Delivered lectures as a resource person in the TEQIP II sponsored faculty development programme "Trajectory into computer science with Mathematics" organized by TKM college of Engineering during January 7-12, 2019 (oral)
  - Delivered lectures as a resource person in the two national workshop on statistical data analysis using R software organized by Krishna Menon Memorial Government Women's College, Kannur during November 22-23 November 2019 (oral)
  - Vijesh V, K. Satheesh Kumar, Detecting Dynamical properties of a system using time series associated network characteristics, School Level Academic Meet (AIAM-2019), School of Technology, University of Kerala during 25-29 March 2019. (oral)
  - Vijesh V, K. Satheesh Kumar, Capturing the Chaotic behavior of a time series by the induced complex network, National Seminar on Computational Mathematics and Machine Learning (NSCM<sup>2</sup>L-2019) held at Department of Mathematics, University of Kerala, during 17-19, January, 2019

- Ardhana,Vijesh V, Drisya Alex Thumba, K. Satheesh Kumar, Recurrence network-based approach to distinguish between chaotic and quasi periodic solution, International Symposium on Signal Processing and Intelligent Recognition Systems (SIRS'2019) held at IIITM-K, Trivandrum, India, during 18-21, December 2019.
  - Mallika M.C., K. Satheesh Kumar, Study the system behavior through complex networks, National Seminar on Computational Mathematics and Machine Learning (NSCM<sup>2</sup>L-2019) held at Department of Mathematics, University of Kerala, during 17-19, January, 2019
  - Dr K. Satheesh Kumar was a Esteemed Chair for Sessions on Symposium on Machine Learning and Metaheuristics Algorithms and Applications (SoMMA 2019) in the International Conference on Applied Soft Computing and Communication Networks (ACN'19) held at the IIITM-K, Thiruvananthapuram during December 18-21, 2019
30. No. of PhD thesis submitted -2
- 31. No. of patents requests filed-**
- One patent filed with patent office at Chennai: application number 201941012155
  - INVENTERS: Dr K. Satheesh Kumar, Dr G. V. Drisya, Mr P. Valsaraj
  - TITLE: An optimized machine learning model for lower height wind measuring hardware mast to forecast wind speed at higher altitude
32. No. of MOOC/Online courses completed -
- Dr K. Satheesh Kumar offered a MOOC on Citation Network Analysis of four weeks duration. There were 156 participants including one from Maxico, Santiago in Chile, Freiberg in Germany
33. Involvement in academic bodies as dean, academic council/ board of studies member etc.-
- Member Board of Studies in Futures Studies, University of Kerala
  - Member of Academic Council, University of Kerala
34. Service as reviewer of journals/ seminar papers (give details)- Reviewer of “The Review of Black Political Economy” of Sage Publishing
- Applied Energy (Elsevier)
  - Physica A: Statistical Mechanics and its Applications (Elsevier)
  - Scientometrics (Springer)
  - Journal of Renewable and Sustainable Energy (AIP)
  - Transportation Research Part A: Policy and Practice (Elsevier)
  - Geoscience Frontiers (Elsevier)
  - International Journal of Distributed Sensor Networks (SAGE)
  - International Journal of Heat and Mass Transfer (Elsevier)
35. Served as Chair/ member of committees/ boards/ councils/ commissions etc.-
- Member of International Society of Difference Equations (ISDE) <http://isdeds.com>
  - Member of Association for Computing Machinery (ACM)
  - Member of American Physical Society (APS)
  - Member of American Geophysical Union (AGU)
36. Public talks/ discussions over AIR/ television channels –
- Dr K. Satheesh Kumar gave a talk on artificial intelligence on All India Radio, Thiruvananthapuram

## DEPARTMENT OF OPTOELECTRONICS

Year of establishment : 1995

Faculty of Applied Sciences & Technology

### A. DEPARTMENT PROFILE

#### 1. Teaching Staff

Sl. No	Name of Faculty	Designation	Highest two qualification	Sex
1	Dr. K G Gopchandran	Professor & Head	M.Sc, Ph.D	M
2	Dr. V P Mahadevan Pillai	Professor (Retired on 31.05.2019)	M.Phil, Ph.D	M
3	Dr. S Sankararaman	Professor	M.Sc, Ph.D	M
4	Dr. A. Yamuna	Assistant Professor	M.Phil, Ph.D	F

#### 2. Administrative staff - 4 Nos. (2M/2F)

### 3. Programmes offered

1. M.Tech Electronics & Communication (Optoelectronics & Optical Communication)
2. M.Phil Course in Photonics
3. Ph.D

#### Details

Programme & Seats	Strength		Fe-males	Transgender	SC	ST	Other res. categories	Outside state	Foreign	Pass %
	Sanc-tioned	Actual								
Masters (M.Tech) (S1& S3)	36	25	17	Nil	Nil	Nil	Nil	Nil	Nil	100%
MPhil( Photonics)	6	6	4	Nil	1	Nil	Nil	Nil	Nil	100%
PhD (Opto-electronics)		15	10	Nil	1	Nil	Nil	Nil	Nil	NA
Post-doc	5	5	5	Nil	Nil	Nil	Nil	Nil	Nil	NA
Others	-	-	-	-	-	-	-	-	-	-

### B. COMMON ACTIVITIES

#### 1. Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.

- Kavitha VS, Reshmi Krishnan R, SreejaSreedharan R, Suresh K, Jayasankar CK, MahadevanPillai VP. Tb3+-doped WO<sub>3</sub> thin films: A potential candidate in white light emitting devices. J Alloys Compd 2019;788:429-445 (IF:4.175).
- Reshmi Krishnan R, Kavitha VS, Santhosh Kumar MC, Gopchandran KG, MahadevanPillai VP. Properties of Au incorporated In<sub>2</sub>O<sub>3</sub> films. Mater SciSemicond Process 2019;93:134-147 (IF:2.722).
- John J, Chalana SR, Prabhu R, MahadevanPillai VP. Effect of oxygen pressure on the structural and optical properties of BaSnO<sub>3</sub> films prepared by pulsed laser deposition method. Appl Phys A 2019;125(3) (IF:1.784).
- Kavitha VS, Suresh S, Chalana SR, MahadevanPillai VP. Luminescent Ta doped WO<sub>3</sub> thin films as a probable candidate for excitonic solar cell applications. Appl Surf Sci 2019;466:289-300 (IF:5.155).
- Chalana SR, Kavitha VS, Reshmi Krishnan R, MahadevanPillai VP. Tailoring the visible emissions in ZnS:Mn films for white light generation. J Alloys Compd 2019;771:721-735 (IF:4.175).
- Kavitha VS, Bose RJ, Sreedharan RS, Sudarsanakumar C, Prabhu R, Pillai VPM. Highly Ordered Good Crystalline ZnO-Doped WO<sub>3</sub> Thin Films Suitable for Optoelectronic Applications. JOM 2019 (IF:2.305).
- Krishnan RR, Kavitha VS, Chalana SR, Prabhu R, Pillai VPM. Effect of Tungsten Doping on the Properties of In<sub>2</sub>O<sub>3</sub> Films. JOM 2019 (IF:2.305).
- GD Krishna, VPM Pillai, KG Gopchandran. Design of low dispersion and low loss photonic crystal fiber: Defected core circular-octagon hybrid lattices. Optical Fiber Technology Volume 51, September 2019, Pages 17-24 (IF:1.824).
- JibiJohn, S.Suresh, S.R.Chalana, VPMahadevan Pillai. Effect of substrate temperature, laser energy and post-deposition annealing on the structural, morphological and optical properties of laser-ablated perovskite BaSnO<sub>3</sub>films. Applied Physics A, November 2019,125:743 (IF: 1.784).
- JS Priya, R Sreeja Sreedharan, VS Kavitha, S Suresh, R Reshmi Krishnan, VP Mahadevan Pillai. Influence of background oxygen pressure and post-deposition annealing on the structural, morphological, optical and luminescence properties of laser ablated SrWO<sub>4</sub> thin films. Materials Science in Semiconductor Processing, Volume 103,15 November 2019, 104615 (IF: 2.722).
- Raji R, Gopchandran KG. Plasmonic photocatalytic activity of ZnO: Au nanostructures: Tailoring the plasmon absorption and interfacial charge transfer mechanism. J Hazard Mater 2019;368:345-357 (IF:7.650).
- Rekha CR, Sameera S, Nayar VU, GopchanAidran KG. Simultaneous detection of different probe molecules using silver nanowires as SERS substrates. SpectrochimActa Part A MolBiomolSpectrosc 2019;213:150-158 (IF: 2.931).
- Jiji SG, Gopchandran KG. Shape dependent catalytic activity of unsupported gold nanostructures for the fast reduction of 4-nitroaniline. Colloids Interface SciCommun 2019;29:9-16 (IF:1.870).
- Raji R, Kumar RGA, Gopchandran KG. Influence of local structure on luminescence dynamics of red emitting ZnO:Eu<sup>3+</sup> nanostructures and its

- Judd-Ofelt analysis. *Journal of Luminescence* 2019;205:179-189 (IF:2.961).
- Sukumaran SS, Tripathi S, Resmi AN, Gopchandran KG, Jinesh KB. Influence of surfactants on the electronic properties of liquid-phase exfoliated graphene. *Mater SciEng B Solid State AdvTechnol* 2019;240:62-68 (IF:3.507).
  - VKReshmy, KGGopchandran, VKVaidyan. Optical and Raman studies of nanocrystalline tin oxide thin films prepared by spray pyrolysis. *Journal of Optoelectronics and Advanced Materials*, Vol. 21, No. 9-10, September – October 2019, p. 609 - 617 (IF: 0.588).
  - M S Swapna, S Sreejyothi, and S Sankararaman. Investigation of Fractality and variation of fractal dimension in germinating seed. *The European Physical Journal Plus* (2019) 10.1140/epjp/s13360-019-00061-8 (IF: 2.612).
  - M.S. Swapna, Vimal Raj, and S. Sankararaman. Allotropic transformation instigated thermal diffusivity of soot nanofluid: Thermal lens study. *Physics of Fluids*, 31(11), (2019), 10.1063/1.5124030 (IF: 2.627).
  - Riya Sebastian, M S Swapna, H V Saritha Devi, Vimal Raj, Misha Hari, and S Sankararaman. The role of hydroxyl ions in the evolution of optical nonlinearity of CuO: A Z scan study. *Materials Research Express* 6 116202 (2019), 10.1088/2053-1591/ab45a7 (IF: 1.449).
  - V R Sudheer, S R Sarath Kumar, and S Sankararaman. Ultrahigh Sensitivity Surface Plasmon Resonance Based Fiber-Optic Sensors Using Metal-Graphene Layers with Ti3C2Tx MXene Overlayers. *Plasmonics* (2019), 10.1007/s11468-019-01035-3 (IF: 2.926).
  - M.S. Swapna, S. Sankararaman. Generalized Theory of Thermal Conductivity for Different Media: Solids to Nanofluids. *J. Phys. Chem. C*, 123, 23264–23271 (2019), 10.1021/acs.jpcc.9b07406 (IF: 4.309).
  - M S Swapna, H V Saritha Devi, and S Sankararaman Soot as a precursor for the low temperature synthesis of organometallic sodium carbide. *Materials Research Express*, 6, 105622, (2019), 10.1088/2053-1591/ab3ecf (IF: 1.449).
  - Swapna MS, Saritha Devi HV, Ambadas G, Sankararaman S. Tunable fluorescence from natural carbon source: Pandanus. *Pramana J Phys* 2019;92(5) (IF: 1.185)
  - Swapna MS, Saritha Devi HV, Ambadas G, Sankararaman S. Fluorescent emission from a natural carbon matrix incorporating sodium. *J Mater Sci Mater Electron* 2019;30(1):508-517 (IF:2.234).
  - Swapna MS, Raj V, Saritha Devi HV, Sankararaman S. Optical emission diagnosis of carbon nanoparticle-incorporated chlorophyll for sensing applications. *PhotochemPhotobiolSci* 2019;18(6):1382-1388 (IF:2.408).
  - Raj V, Jithin J, Swapna MS, Sankararaman S. Effect of duty cycle on photothermal phenomenon—A thermal lens study. *Optik* 2019;186:187-193 (IF:1.194).
  - M S Swapna, Vimal Raj, H V Saritha Devi, and S Sankararaman. Carbon nanoparticles assisted energy transport mechanism in leaves: A thermal lens study. *The European Physical Journal Plus*, 134, 416 (2019), 10.1140/epjp/i2019-12780-1 (IF: 2.612).
  - Vimal Raj, M S Swapna, H V Saritha Devi, and S Sankararaman. Nonradiative analysis of adulteration in coconut oil by thermal lens technique. *Applied Physics B*, 125,113, (2019), 10.1007/s00340-019-7228-6 (IF: 1.769).
  - V R Sudheer, R Seena, S. Sankararaman. DPSK based low cost radio over fiber system for communication. *Optical and Quantum Electronics*, 51, 150, (2019), 10.1007/s11082-019-1875-z (IF: 1.547).
  - Vimal Raj, M S Swapna, S Soumya, and S Sankararaman. Fractal study on Saraswati supercluster. *Indian Journal of Physics* (2018) 10.1007/s12648-019-01400-2 (IF:1.242).
- 2. Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.**
- S Sameera, VijiVidyadharan, SajeshSasidharan, KG Gopchandran. Nanostructured zinc aluminates: A promising material for cool roof coating. *Journal of Science: Advanced Materials and Devices*. Volume 4, Issue 4, December 2019, Pages 524-530.
  - VijiVidyadharan, S Sameera, KG Gopchandran. Luminescent properties of Li4Ti5O12: Eu3+ reddish-orange phosphors for WLED applications. *Materials Today: Proceedings* Available online 10 July 2019 In Press.
  - M S Swapna and S Sankararaman. Order fluctuation induced tunable light emission from carbon nano system. *International Nano Letters* (2019) 10.1007/s40089-019-0274
  - M S Swapna and S Sankararaman. Fractal applications in Bio-Nanosystems. *Open Access Biostatistics & Bioinformatics*, 2(4) (2019)10.31031/OABB.2019.02.000541
  - M.S. Swapna and S. Sankararaman. Thermal induced order fluctuations in carbon nanosystem with carbon nanotubes. *Nano-Structures & Nano-Objects*, 19, 100375 (2019), 10.1016/j.nanoso.2019.100375.
- 3. Details of papers published by the faculty members of the department as chapters in books with details such as title of the paper, title of the book, editors, publisher, etc.**
- Design and construction of a low cost variable duty cycle optical chopper, J Jithin, Vimal Raj, and S Sankararaman, *Recent Trends in Energy and Environment*, (NCEE – 2019), Published by Grenze Scientific Society, 95-98 (2019) ISBN: 978-81-936117-9-1.

- Baby Cry Analysis using Wavelet Transform, M S Swapna, S SJijitha, and S Sankararaman, Recent Trends in Energy and Environment, (NCEE – 2019), Published by Grenze Scientific Society, 182-184 (2019) ISBN: 978-81-936117-9-1.
  - Hydrothermal synthesis of two dimensional MoS<sub>2</sub> for biosensor, Chinnu Susan John, S Sarath Kumar, and S Sankararaman, Recent Trends in Energy and Environment, (NCEE – 2019), Published by Grenze Scientific Society, 90-94 (2019) ISBN: 978-81-936117-9-1.
  - Iron-Nickel doped nanohydroxy apatite powder using sol-gel method, Fathima Sharaf and GeethaKumari, S Sankararaman, Recent Trends in Energy and Environment, (NCEE – 2019), Published by Grenze Scientific Society, 52-57 (2019) ISBN: 978-81-936117-9-1.
  - Ni Loaded CeO<sub>2</sub> Nano Sheet for Photocatalytic Hydrogen Generation, Manu M Nair, S M A Shibili, and S Sankararaman, Recent Trends in Energy and Environment, (NCEE – 2019), Published by Grenze Scientific Society, 106-110 (2019) ISBN: 978-81-936117-9-1.
  - Thermal diffusivity study of copper oxide nanofluid through thermal lens, Riya Sebastian, H V Saritha Devi, M S Swapna and S Sankararaman, Recent Trends in Energy and Environment, (NCEE – 2019), Published by Grenze Scientific Society, 27-31 (2019) ISBN: 978-81-936117-9-1.
  - Low cost synthesis of nanocrystalline Zinc Oxide for Solar cells, R Arun kumar, M S Swapna, and S Sankararaman, Recent Trends in Energy and Environment, (NCEE – 2019), Published by Grenze Scientific Society, 6-9 (2019) ISBN: 978-81-936117-9-1.
  - Understanding the emotion of baby from cry: FFT analysis, S SJijitha, M S Swapna, and S Sankararaman, Recent Trends in Energy and Environment, (NCEE – 2019), Published by Grenze Scientific Society, 95-98 (2019) ISBN: 978-81-936117-9-1.
- 4. Details of papers/ abstracts published by the faculty members of the department in conference proceedings with ISBN, month/ year, indexing details if any etc.**
- Effect of silver incorporation on the structural and morphological characteristics of RF sputtered indium oxide films. Silpa Satheesh B, Kavitha V. S, Reshmi Krishnan, Chalana S. R, Suresh S, Radhakrishna Prabhu, V. P. Mahadevan Pillai. IOP Conf. Series: Materials Science and Engineering 499 (2019) 012001 IOP Publishing doi:10.1088/1757-899X/499/1/012001.
  - Influence of substitution of LiNbO<sub>3</sub> in enhancing luminescence in Eu<sup>3+</sup> activated strontium titanate. G Jyothi, KG Gopchandran. AIP Conference Proceedings 2082, 050006 (2019); <https://doi.org/10.1063/1.5093866>.
  - Synthesis and characterization of carbon quantum dots from mango, Anju Thankappan, Manu M Nair, and S Sankararaman. National Conference on Advances in Nanomaterials and Nanotechnology, August 6th and 7th 2019, Department of Physics, Mar Thoma College, Tiruvalla.
  - Growth and characterization of molybdenum oxide nanorods by pulsed laser ablation: annealing induced phase transition, S Soumya, V P Mahadevan Pillai, and S Sankararaman, 31<sup>st</sup> Kerala Science Congress, 2-3 February 2019, FMN College, Kollam. ISBN NO: 81 - 86366 - 97 - 0.
  - Study of Seasonal Variations in Optical Signal Attenuation due to Tropospheric Extinction, S Sreejyothi, M S Swapna, and S Sankararaman 31<sup>st</sup> Kerala Science Congress, 2-3 February 2019, FMN College, Kollam. ISBN NO: 81 - 86366 - 97 - 0.
  - Heart murmur for defect identification – A FFT and wavelet study, Anakha Balakrishnan, M S Swapna, S V Varun, and S Sankararaman, 31<sup>st</sup> Kerala Science Congress, 2-3 February 2019, FMN College, Kollam. ISBN NO: 81 - 86366 - 97 - 0.
  - Design, construction and application of variable duty cycle optical chopper, Vimal Raj, J Jithin, and S Sankararaman, 31<sup>st</sup> Kerala Science Congress, 2-3 February 2019, FMN College, Kollam. ISBN NO: 81 - 86366 - 97 - 0.
  - Enhanced sensitivity of gold/silver multilayer incorporated surface plasmon resonance based fiber optic sensors for volatile gases, V R Sudheer, S Sarath Kumar, and S Sankararaman, 5<sup>th</sup> International Conference on Nanoscience and Nanotechnology (ICONN-2019), 28-30 January, 2019, SRM Institute of Science And Technology (SRM IST), Chennai, India.
  - Order fluctuation induced tunable light emission from carbon nano system, M S Swapna and S Sankararaman, 5<sup>th</sup> International Conference on Nanoscience and Nanotechnology (ICONN-2019), 28-30 January, 2019, SRM Institute of Science And Technology (SRM IST), Chennai, India.
  - Effect of Nickel doping on the structural, morphological and optical properties of Pulsed Laser Ablated BaSnO<sub>3</sub> films. Jibi John, Suresh S, Chalana S.R, and V.P. Mahadevan Pillai at 31<sup>st</sup> Kerala science congress held during 2-3 February 2019
- 5. Details of patents requests filed in 2019 but pending at patent office.**
- One patent filed from the Department by Dr.S Sankararaman entitled “System and Method for Continuous Wave Low Power Laser Based Synthesis of Metal Nano Particles” on 19.07.2019 with Indian Patent Office. (Application No.201941029216 and Filing Date. 19.07.2019.)
- 6. No. of PhD theses awarded - 8**
- 7. No. of PhD theses submitted - 2**
- 8. No. of M. Phil dissertations awarded - 7**
- 9. Placement details**

Sl. No	Name of student	Name of Course	Designation	Name of the Company	Annual Pay
1	S.S. Shinker	M.Tech	Optical Engineer	M/s. Ananth Technologies Limited, Hyderabad	
2	S.S. Reshma	M.Tech	Optical Engineer	M/s. Ananth Technologies Limited, Hyderabad	
3	J.S. Priya	M.Phil	Research Scholar	TKM College of Engineering	
4	C. Beryl	M.Tech	JRF	Raman Research Institute, Bangalore	
5	Dr. Haripadmam	M.Phil	Assistant Professor	NSS College, Nenmara, Palakkad	
6	Dr. S.R. Chalana	PDF	Assistant Professor	S N College, Kayamkulam	
7	S. Sreedevi Nair	M.Tech	Research Scholar	Govt. College of Engineering, Barton Hill	
8	Dr. C.R. Rekha	Ph.D	Research Associate	Sree Chitra Thirunal Institute of Medical Sciences & Technology, Trivandrum	
9	Dr. Sheena Sukumaran	Ph.D	Assistant Professor	KNM Govt. Arts and Science College, Kanjiramkulam	
10	Dr. R. Reshmi Krishnan	Ph.D	Govt. Guest Lecturer	HHMSPB NSS College for Women, Neeramankara	
11	R.P. Neethu	M.Phil	Research Scholar	University College, Trivandrum	
12	B. Silpa Satheesh	M.Phil	B.Ed	Mar Ivanious College, Trivandrum	
13	V.L. Ananthu Vijayan	M.Tech	JRF	Anna University	
14	Dani Dileep	M.Tech	Engineer Trainee	M/s. SFO Technologies R & D Solutions, Kochi	
15	G. Vishnupriya	M.Tech	Engineer Trainee	M/s. SFO Technologies R & D Solutions, Kochi	

#### 10. Students who cleared GATE/NET/SET etc with names - 1 No. (IELTS)

#### 11. Library details

Sl. No	Details	
1.	Whether the library is automated	Partially
2.	No. of books in stock as on Jan 1,2019	3234
3.	No. of books added this year	56
4.	No. of offline journal subscribed	2
5.	No. of online journals subscribed	0
6.	No. of online books available	0
7.	Amount spend for purchase of books	Rs. 2,53,663/-

#### 12. No of funded projects active during the year

No.	Project name	Funding agency	Total outlay
1	Innovative Project titled “ Optical Emission Diagnostics of Laser induced Plasma Generation in Nanoparticles	University of Kerala	Rs.50 lakh

**13. Details of international/ national conferences/ seminars/workshops organized by the department.**

Sl. No	Name of the conferences/ seminars/workshop	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1	Annual Interdisciplinary Academic Meet	National	School of Technology & IQAC	18th -21st March 2019 & 25th -29th March 2019	
2	Workshop on MATLAB & its Applications	Department level		14.08.2019 & 16.08.2019	16
3	Seminar on High Capacity hydrogen Storage Nanomaterials for Clean Energy Harvest: Current Developments and Road Ahead	Department level	Dept. of Nanoscience & Nanotechnology, Dept. of Optoelectronics & Dept. of Chemistry in association with Indian Association for Hydrogen Energy Advanced Materials	03.09.2019	
4	Industrial training on "Next Generation Optics" at Regional Telecom Training Centre (RTTC), Trivandrum for Second Semester M.Tech Students (2018-20 batch)	Department level	-----	19.08.2019 to 24.08.2019	12

**14. Details of consultancy work active during the year.**

Sl. No	Name of the project	Project Director	Sponsoring agency	Outlay	Duration
	Department collected a sum of Rs.3,85,794/- during the year 2019 through sample analysis by performing characterization of external samples from other Departments/institutes				

**15. Major equipments purchased during the year.**

Sl. No	Name of the equipment	Cost	Source of fund	Purpose/ use
1	Electronic Speckle Pattern Interferometer	Rs.5,44,897/-	University of Kerala	For the use in the Holography lab

**16. Details of community outreach programmes (Please give a brief description)**

- Dept. of Optoelectronics & Dept. of Physics, University of Kerala signed an MoU with Korea Institute of Ceramic Engineering and Technology, Republic of Korea on 11.12.2019.
- As part of Science week celebration, Department organized an open house, seminar and a three minute thesis presentation during February-March 2019. In the seminar Prof. Jatin Rath, Dept. of Physics, IIT, Madras delivered a talk on "3rd Generation Solar Cell Concepts & Status" on 28.02.2019.
- Dr. S Sankararaman demonstrated a simple setup for viewing solar eclipse through a video for the public and uploaded in the YouTube. [https://www.youtube.com/channel/UCOk-xWAJ2tW0Z\\_b7BNoQPkg](https://www.youtube.com/channel/UCOk-xWAJ2tW0Z_b7BNoQPkg) and conducted a live projection of Solar Eclipse in the Department of

Optoelectronics on 26/12/2019; 8:00 am to 11:10 am for public and students.

**17. Green initiatives/ waste management/ energy saving measures.**

- Collecting degradable and non degradable wastes separately.
- E- wastes are returned to the University.
- The Department conducted "Pre-Monsoon Cleaning Drive Programme" on 09.05.2019 as part of "Zero Waste Green Campus". All the students, research scholars, teaching & non teaching and staff of the Department actively took part in the programme. The students of the Department cleaned the premises, cleared bushes and removed all plastics and non degradable waste from the premises.
- Procured one bicycle in the department
- Provided 50 new steel glasses in the department.

**18. Details of alumni association.**

Sl. No	Details	
1.	Name of the association	OPTAAK-2019
2.	Registered or not	Not Registered
3.	No. of meetings held this year	1
4.	No. of members added this year	4
5.	Details of alumni contributions, including endowments, talks, donation etc	-

#### 19. Details of eminent personalities visited in the department.

Sl. No.	Name of the Eminent Personality	Designation	Name of the Institution
1	Takashi Asaeda	Professor	Graduate School of Science and Engineering, Saitama University, Japan
2	Prof. Murukeshan Vadakke-Matham	Director	Centre for Optical and Laser Engineering, Nanyang Technology University, Singapore
3	Prof. Subhash C Chauhan		Dept. of Pharmaceutical Sciences College of Pharmacy and Research Centre, University of Tennessee Health Science Center, USA
4	Prof. Randy Duran	Director	Office of Research & Economic Development, Louisiana State University, Louisiana, USA
5	Dr. Pukazh Selvan	Aux Investigator	Department of Mech Engineering, University of Averio, Portugal
6	Prof. Chris Dainty	Professor	National University of Ireland Galway, Ireland
7	Dr. Toyohiko Yatagai	Professor	Centre for Optical Research and Education, Graduate School of Engineering – Utsunomiya University, Japan
8	Chang Yeoul Kim	Principal	Korea Institute of Ceramic Engineering and Technology, Republic of Korea
9	Chun Myoungpyo	Chief Researcher	Korea Institute of Ceramic Engineering and Technology, Republic of Korea

#### 20. Details of awards received by faculty/ staff/ students.

- Ms. Riya Sebastian, Research Scholar of this Department received best Oral presentation award for “Thermal diffusivity study of copperoxide nanofluid through thermal lens” in the National conference on Energy & Environment (NCEE -2019) held during 15<sup>th</sup> & 16<sup>th</sup> February 2019 at Sree Ayyappa College (TDB), Eramallikkara, Chengannoor.
- MS. Swapna M S, Research Scholar of this Department received first prize in Three Minute Thesis Competition at Department level organized by University of Kerala as part of the Science Week Celebration 2019.
- Anandhu S Satheesh, M.Tech Students (2018-20 batch) received Best Poster Award entitled “Geometrical parameters effect on linear and non-linear propagation characteristics and zero-dispersion shifting in H-PCF” in the International Conference on Recent Trends in Electronics and

- Instrumentation (ICRTEI-2019) organized by Dept. of Electronics and Instrumentation, Bharathiar University, Coimbatore and co-sponsored by the Defence Research and Development Organization (DRDO), Govt. of India held during 29-30 August 2019.
- Dr. Sameera S, Post Doctoral Fellow of this Department received Best Poster Presentation Award in Energy, Environment, Recovery & Safety during the 73<sup>rd</sup> Annual Technical Meeting of the Indian Institute of Metals held at Thiruvananthapuram on 13<sup>th</sup> to 16<sup>th</sup> November 2019.
- Ms. Swapna M. S., Research Scholar of this Department received Best Paper Award for the paper entitled “Analysis of carbon nanoparticle assisted intra-pigment energy transfer in leaves through green technology” in the National seminar on Green Technologies for Natural Product Analysis held on 8/11/2019 at Department of Botany, University of Kerala



- Ms. Swapna M. S., Sri. Vimal Raj and Ms. Saritha Devi H V participated and presented the idea of 'Ink from soot' in the State level competition of Young Innovators' Program (YIP 2019) organized by Kerala Development and innovation Strategic Council (K-DISC) on 24/12/2019.

**21. Other major achievements and activities, including invited lectures, interactions, get together etc.**

- Prof. Murukeshan Vadakke Matham, Director, Centre for Optical & Laser Engineering, Nanyang Technological University, Singapore visited and delivered talks under "Interaction with Eminent Scholar Scheme" during 27<sup>th</sup> February 2019 to 7<sup>th</sup> March 2019.
- Prof. Subhash C Chauhan, University of Tennessee, Health Science Centre, Tennessee, US delivered a talk in the Department on "Targeted Nano Therapies for Cancer" on 18.03.2019 at 02.30. pm
- The fifth 'International Yoga Day' jointly celebrated with Dept. of Nanoscience and Nanotechnology and Dept. of Physics at the auditorium of Department of Physics, University of Kerala, Kariavattom Campus on 21-06-2019.
- Dr. Reji Philip, Professor, Raman Research Institute, Bangalore delivered a lecture on "Light-Matter Interaction" on 24.06.2019.
- The Department conducted Department level Induction programme for M.Tech 2019-21 batch from 19.08.2019 to 22.08.2019.
- Dept. of Optoelectronics & Dept. of Physics jointly organized a talk on "Fundamentals of Adaptive Optics" by Prof. Chris Dainty, National University of Ireland on 07.11.2019.
- Dr. K N Ninan, Former Outstanding Scientist & Dy. Director, VSSC delivered a talk on "Research Methodology" on 27.11.2019.
- Dr. Toyohiko Yatagai, Professor, Centre for Optical Research & Education, Graduate School of Engineering, Utsunomiya University, Japan delivered a talk on "Holographic Data Storage" on 06.12.2019.

**C. CONTRIBUTION AT INDIVIDUAL LEVEL**

**NAME OF FACULTY: Dr. K G Gopchandran**

- 1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. - 8**
  - 2. No. of papers published in other peer reviewed journals with ISSN etc. - 2**
  - 3. No. of papers/ abstracts published in conference proceedings with ISBN - 1**
  - 4. No. of presentations in conferences/ seminars (indicate oral/ poster)**
  - 5. No. of presentations- 11**
- Presented a paper entitled "Synthesis and characterization of hexagonal silver nanostructures and their application as SERS substrates" by C R Rekha, V U Nayar and K G Gopchandran in the International Conference on Optoelectronic and Nano Materials for Advanced Technology (icONMAT 2019) held during January

3-5, 2019 at Cochin University of Science and Technology (Poster).

- Presented a paper entitled "Lithium Bismuth niobate as an IR reflective pigment for cool roof" by S Sameera, Viji Vidyadharan and K G Gopchandran in the International Conference on Optoelectronic and Nano Materials for Advanced Technology (icONMAT 2019) held during January 3-5, 2019 at Cochin University of Science and Technology (Poster).
- Presented a paper entitled "Synthesis and characterization of orange emitting cuprous oxide nanocubes for optoelectronic applications" by S G Jiji, G Vishnupriya and K G Gopchandran in the National Conference on Energy and Environment (NCEE - 2019) held during 15-16 Feb 2019 at Sree Ayyappa College (TDB), Eramalikkara, Chengannoor (poster).
- Presented a paper entitled "Studies on synthesis and characterization of ultrathin gold nanowires" by Aiswarya Mohan, C R Rekha and K G Gopchandran in the National Conference on Advances in Nanomaterials and Nanotechnology held on August 6<sup>th</sup> and 7<sup>th</sup> 2019 at Department of Physics, Mar Thoma College, Tiruvalla (poster).
- Presented a paper entitled "Studies on synthesis and characterization of polyhedral shaped silver nanoparticles" by Lekshmi Chandran, C R Rekha and K G Gopchandran in the National Conference on Advances in Nanomaterials and Nanotechnology held August 6<sup>th</sup> and 7<sup>th</sup> 2019 at Department of Physics, Mar Thoma College, Tiruvalla (poster).
- Presented a paper entitled "Dispersion tailoring in photonic crystal fibers using doping" by Dhanu Krishna G, K G Gopchandran in the International conference on Advanced Materials for Sustainable Energy and sensors (INCAMSES-2019) organized by Dept. of Physics, Alagappa University, Karaikudi held during 16-17, September, 2019 (oral).
- Presented a paper entitled "Studies on the effect of elliptical BK 7 rods of birefringence characteristics on a silica airhole octagonal photonic crystal fiber" by Sangeetha S and K G Gopchandran in the International conference on Advanced Materials for Sustainable Energy and sensors (INCAMSES-2019) organized by Dept. of Physics, Alagappa University, Karaikudi held during 16-17, September, 2019 (Poster).
- Presented a paper entitled "Geometrical parameters effect on linear and non-linear propagation characteristics and zero-dispersion shifting in H-PCF" by Anandhu S Satheesh, Dhanu Krishna G and K G Gopchandran in the International Conference on Recent Trends in Electronics and Instrumentation (ICRTEI-2019) organized by Dept. of Electronics and Instrumentation, Bharathiar University, Coimbatore and co-sponsored by the Defence Research and Development Organization (DRDO), Govt. of India held during 29-30 August 2019 (Poster).
- Presented a paper entitled "Design Optimization of low dispersion and low hybrid photonic crystal

fiber” by Dhanu Krishna G, V P Mahadevan Pillai and K G Gopchandran in the International Conference on Recent Trends in Electronics and Instrumentation (ICRTEI-2019) organized by Dept. of Electronics and Instrumentation, Bharathiar University, Coimbatore and co-sponsored by the Defence Research and Development Organization (DRDO), Govt. of India held during 29-30 August 2019 (Poster).

- Presented a paper entitled “ZnO as photocatalyst: synergistic effect of transition metals on the photocatalytic activity of ZnO nanoparticles” by Raji R and K G Gopchandran in the International conference on Advanced Materials for Sustainable Energy and sensors (INCAMSES-2019) organized by Dept. of Physics, Alagappa University, Karaikudi held during 16-17, September, 2019(Poster).
- Presented a paper entitled “A solar reflective coating for improving fuel efficiency in vehicles” by Sameera S and K G Gopchandran in the International Symposium on Advanced Materials for Industry and Societal Applications organized by Indian Institute of Metals held at Thiruvananthapuram on 13<sup>th</sup> to 16<sup>th</sup> November 2019(Poster).

**6. No. of PhD theses awarded - 3**

**7. No. of PhD thesis submitted - 1**

**8. No. of M.Phil dissertations awarded - 3**

**9. No. of M.Phil dissertations submitted -**

**10. Involvement in academic bodies as dean, academic council/ board of studies member etc.**

- Was the Dean, Faculty of Applied Sciences & Technology till 03.09.2019
- Member Academic Council
- Member, IQAC, University of Kerala
- Member, Board of Studies, Electronics
- Was the Chairman, Board of Studies, Optoelectronics

**11. Service as reviewer of journals/ seminar papers (give details):** Acted as reviewer of different international journals during the year.

**12. Served as Chair/ member of committees/ boards/ councils/ commissions etc.**

- Member, Syndicate & Senate, University of Kerala with effect from 16.07.2019 (Government Nominee as IT Expert)

**13. Activities in clubs, associations, NSS etc**

- Member, American Chemical society (ACS)
- Member, Institute of Physics (UK)
- Member, Indian Vacuum Society (IVS)

**14. Any other activities.**

Delivered a talk on “Nanoelectronics” in the Department of Electronics, Marian Engineering College, Thiruvananthapuram on 08.03.2019.

**NAME OF FACULTY: Dr. V P Mahadevan Pillai**

**1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. -15**

**2. No. of papers/ abstracts published in conference proceedings with ISBN - 1**

**3. No. of presentations in conferences/ seminars (indicate oral/ poster)**

**4. No. of presentations- 8**

- Presented a paper entitled “Effect of Nickel doping on the structural, morphological and optical properties of Pulsed Laser Ablated BaSnO<sub>3</sub> films” by Jibi John, Suresh S, Chalana S.R, and V.P. Mahadevan Pillai at 31st Kerala science congress held during 2-3 February 2019 (Poster).
- Presented a paper entitled “Effect of oxygen pressure on the structural and optical properties of BaSnO<sub>3</sub> films prepared by pulsed laser deposition method” by Jibi John in the National Conference on Energy & Environment (NCEE -2019) held during 15<sup>th</sup> & 16<sup>th</sup> February 2019 at Sree Ayyappa College (TDB), Eramallikkara, Chengannoor (oral).
- Presented a paper entitled “Influence of Substrate temperature on the Structural, Morphological and Optical properties of BaSnO<sub>3</sub> films” by Jibi John, Chalana S.R and V.P. Mahadevan Pillai in the National Seminar on Interdisciplinary Approaches in Materials and Biological Research (IAMBR) held during 15-16 March 2019(Poster).
- Presented a paper entitled “Effect of substrate temperature on structural, morphological and optical properties of pulsed laser ablated nanostructured molybdenum oxide films” by S Soumya, S Sankararaman, and V P Mahadevan Pillai in the National Conference on Energy and Environment (NCEE – 2019), held during 15-16 Feb 2019 at Sree Ayyappa College (TDB), Eramallikkara, Chengannoor (Oral).
- Presented a paper entitled “Growth and characterization of molybdenum oxide nanorods by pulsed laser ablation: annealing induced phase transition” by S Soumya, V P Mahadevan Pillai, and S Sankararaman at 31<sup>st</sup> Kerala Science Congress held during 2-3 February 2019 (Poster).
- Presented a paper entitled “Effect of Manganese doping on the structural and magnetic properties of BaSnO<sub>3</sub> nanostructures” by Jibi John and V.P.Mahadevan Pillai in the National Conference on Advances in Nanomaterials and Nanotechnology held August 6<sup>th</sup> and 7<sup>th</sup> 2019 at Department of Physics, Mar Thoma College, Tiruvalla (Poster).
- Presented a paper entitled “Effect of Li<sup>+</sup> substitution on the structural and luminescent... Eu<sup>3+</sup> doped BaTiO<sub>3</sub>” by Aswathy A Mohan, K G Gopchandran in the International conference on Advanced Materials for Sustainable Energy and sensors (INCAMSES-2019) organized by Dept. of Physics, Alagappa University, Karaikudi held during 16-17, September, 2019(Poster).
- Presented a paper entitled “Design Optimization of low dispersion and low hybrid photonic crystal fiber” by Dhanu Krishna G, V P Mahadevan Pillai and K G Gopchandran in the International Conference on Recent Trends in Electronics and Instrumentation (ICRTEI-2019) organized by Dept. of Electronics and Instrumentation, Bharathiar

University, Coimbatore and co-sponsored by the Defence Research and Development Organization (DRDO), Govt. of India held during 29-30 August 2019 (Poster).

5. **No. of PhD theses awarded - 4**
6. **No. of PhD thesis submitted - 1**
7. **No. of MPhil dissertations awarded - 1**
8. **No. of MPhil dissertations submitted - 1**
9. **Service as reviewer of journals/ seminar papers (give details)**
  - Reviewed different international journals during the year

**NAME OF FACULTY: Dr. S Sankararaman**

1. **No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. -15**
2. **No. of papers published in other peer reviewed journals with ISSN etc. - 1**
3. **No. of papers published as chapters in books - 8**
4. **No. of papers/ abstracts published in conference proceedings with ISBN - 8**
5. **No. of presentations in conferences/ seminars (indicate oral/ poster)**
  - No. of presentations - 20
  - Order fluctuation induced tunable light emission from carbon nano system, M S Swapna and S Sankararaman, 5<sup>th</sup> International Conference on Nanoscience and Nanotechnology (ICONN-2019), 28-30 January, 2019, SRM Institute of Science And Technology (SRM IST), Chennai, India(Oral).
  - Analysis of carbon nanoparticle assisted intrapigment energy transfer in leaves through green technology, M S Swapna, and S Sankararaman, National seminar on Green Technologies for Natural Product Analysis, November 8<sup>th</sup> 2019, Department of Botany, University of Kerala, Karyavttom, Trivandrum(Oral).
  - Synthesis and characterization of carbon quantum dots from mango, Anju Thankappan, Manu M Nair, and S Sankararaman National Conference on Advances in Nanomaterials and Nanotechnology, August 6<sup>th</sup> and 7<sup>th</sup> 2019, Department of Physics, Mar Thoma College, Tiruvalla(Oral).
  - Design and construction of a low cost variable duty cycle optical chopper, J Jithin, Vimal Raj, and S Sankararaman, National Conference on Energy and Environment (NCEE – 2019), Feb 15<sup>TH</sup>-16<sup>TH</sup> 2019, Sree Ayyapa College, Chenganoor(Oral).
  - Baby Cry Analysis using Wavelet Transform, M S Swapna, S S Jijitha, and S Sankararaman, National Conference on Energy and Environment (NCEE – 2019), Feb 15<sup>TH</sup>-16<sup>TH</sup> 2019, Sree Ayyapa College, Chenganoor(Oral).
  - Hydrothermal synthesis of two dimensional MoS<sub>2</sub> for biosensor, Chinnu Susan John, S Sarath Kumar, and S Sankararaman, National Conference on Energy and Environment (NCEE – 2019), Feb 15<sup>TH</sup>-16<sup>TH</sup> 2019, Sree Ayyapa College, Chenganoor(Oral).

- Ni Loaded CeO<sub>2</sub> Nano Sheet for Photocatalytic Hydrogen Generation, Manu M Nair, S M A Shibili, and S Sankararaman, National Conference on Energy and Environment (NCEE – 2019), Feb 15<sup>TH</sup>-16<sup>TH</sup> 2019, Sree Ayyapa College, Chenganoor(Oral).
- Effect of substrate temperature on structural, morphological and optical properties of pulsed laser ablated nanostructured molybdenum oxide films, S Soumya, S Sankararaman, and V P Mahadevan Pillai, National Conference on Energy and Environment (NCEE – 2019), Feb 15<sup>TH</sup>-16<sup>TH</sup> 2019, Sree Ayyapa College, Chenganoor(Oral).
- Thermal diffusivity study of copper oxide nanofluid through thermal lens, Riya Sebastian, H V Saritha Devi, M S Swapna and S Sankararaman, National Conference on Energy and Environment (NCEE – 2019), Feb 15<sup>TH</sup>-16<sup>TH</sup> 2019, Sree Ayyapa College, Chenganoor(Oral).
- Low cost synthesis of nanocrystalline Zinc Oxide for Solar cells, R Arun kumar, M S Swapna, and S Sankararaman, National Conference on Energy and Environment (NCEE – 2019), Feb 15<sup>TH</sup>-16<sup>TH</sup> 2019, Sree Ayyapa College, Chenganoor(Oral).
- Understanding the emotion of baby from cry: FFT analysis, S S Jijitha, M S Swapna, and S Sankararaman, National Conference on Energy and Environment (NCEE – 2019), Feb 15<sup>TH</sup>-16<sup>TH</sup> 2019, Sree Ayyapa College, Chenganoor(Oral).
- Study of electric field fluctuation in lightning – a wavelet analysis, S V Varun and S Sankararaman, National Conference on Energy and Environment (NCEE – 2019), Feb 15<sup>TH</sup>-16<sup>TH</sup> 2019, Sree Ayyapa College, Chenganoor(Oral).
- Growth and characterization of molybdenum oxide nanorods by pulsed laser ablation: annealing induced phase transition, S Soumya, V P Mahadevan Pillai, and S Sankararaman, 31<sup>st</sup> Kerala Science Congress, 2-3 February 2019, FMN College, Kollam(Oral).
- Heart murmur for defect identification – A FFT and wavelet study, Anakha Balakrishnan, M S Swapna, S V Varun, and S Sankararaman, 31<sup>st</sup> Kerala Science Congress, 2-3 February 2019, FMN College, Kollam(Oral).
- Phthalocyanine incorporated stable natural dye with enhanced, wideband absorption for Dye Sensitized Solar Cell applications, Riya Sebastian, H V Saritha Devi, M S Swapna and S Sankararaman, 5<sup>th</sup> International Conference on Nanoscience and Nanotechnology (ICONN-2019), 28-30 January, 2019, SRM Institute of Science And Technology (SRM IST), Chennai, India (Poster).
- Enhanced sensitivity of gold/silver multilayer incorporated surface plasmon resonance based fiber optic sensors for volatile gases, V R Sudheer, S Sarath Kumar, and S Sankararaman, 5<sup>th</sup> International Conference on Nanoscience and Nanotechnology (ICONN-2019), 28-30 January, 2019, SRM Institute of Science And Technology (SRM IST), Chennai, India (Poster).
- Study of Boron incorporation into the Carbon matrix of cotton, H V Saritha Devi, G Ambadas, and S Sankararaman, National Conference on

- Energy and Environment (NCEE – 2019), Feb 15<sup>TH</sup>-16<sup>TH</sup> 2019, Sree Ayyapa College, Chenganoor (Poster).
- Iron-Nickel doped nanohydroxy apatite powder using sol-gel method, Fathima Sharaf and Geetha Kumari, S Sankararaman, National Conference on Energy and Environment (NCEE – 2019), Feb 15<sup>TH</sup>-16<sup>TH</sup> 2019, Sree Ayyapa College, Chenganoor(Poster).
  - Design, construction and application of variable duty cycle optical chopper, Vimal Raj, J Jithin, and S Sankararaman, 31<sup>st</sup> Kerala Science Congress, 2-3 February 2019, FMN College, Kollam(Poster).
  - Study of Seasonal Variations in Optical Signal Attenuation due to Tropospheric Extinction, S Sreejyothi, M S Swapna, and S Sankararaman 31<sup>st</sup> Kerala Science Congress, 2-3 February 2019, FMN College, Kollam(Poster).
- 6. No. of M.Phil dissertations awarded - 3**
- 7. No. of M.Phil dissertations submitted - 3**
- 8. No. of patents requests filed**
- Application No.201941029216 & Filing Date. 19.07.2019
- 9. No. of workshops/FDPs/short term courses/conferences attended**
- Attended workshop on “Outcome based education” conducted by IQAC at University of Kerala on 23rd July 2019
  - Attended Faculty Development Programme (FDP) regarding Student induction held at MBITS, Kothamangalam on 13-15th June 2019
- 10. Involvement in academic bodies as dean, academic council/ board of studies member etc.**
- Chaired Board of Studies meeting in Nanoscience and Nanotechnology, University of Kerala, 16/12/2019- M. Phil syllabus preparation
  - Chaired Board of Studies meeting in Electronics, University of Kerala, 16/12/2019.
  - Chairman BoS in Electronics, Conducted two day workshop on 21st and 22nd February 2019 for revising the Curriculum and syllabus of UG and PG programmes in Electronics
  - Member in Research Council – Research Policy making
- 11. Service as reviewer of journals/ seminar papers (give details)**
- Journal of Materials Engineering and Performance, Springer
  - Modern Physics Letters A, World Scientific, Singapore
  - Frontiers of Optoelectronics, Springer
  - Journal of Food Processing and Preservation, Wiley
  - Transactions of the Indian Ceramic Society, Taylor and Francis
  - American Journal of Mathematical and Management Sciences, Wiley
  - Optical and quantum Electronics, Springer
  - Sains Malaysia, Universiti Kebangsaan Malaysia
  - Journal of Optical Society of America B, Optical Society of America
- 12. Served as Chair/ member of committees/ boards/ councils/ commissions etc.**
- Chairman, Board of Studies in Nanoscience and Nanotechnology, University of Kerala
  - Chairman, Board of Studies in Electronics, University of Kerala
  - Chairman, UG Board of Studies in Physics, M. A. College, Kothamangalam.
  - Member, Research Council, University of Kerala
  - Member Board of studies in Optoelectronics, University of Kerala
  - Member, Academic Council, University of Kerala
  - Member PG Board of Studies in Physics, M. A. College, Kothamangalam
  - Expert in Solar Energy Campus Project 2019
  - Mentor- Young Innovators Program YIP 2019
- 13. Media productions (journalism only)**
- Produced **18** short videos on research findings and uploaded in the YouTube channel:[https://www.youtube.com/channel/UCOk-xWAJ2tW0Z\\_b7BNoQPkg](https://www.youtube.com/channel/UCOk-xWAJ2tW0Z_b7BNoQPkg)
- 14. Details of international/ national/ state awards/ recognitions received.**
- Prof. S Sankararaman successfully completed OSA (Optical Society of America) Reviewer Certification course on 21/12/2019.
  - Young Innovators’ Program-YIP 2019 K-DISC - The idea ‘Ink from soot’ participated in the State level competition, 24/12/2019.
  - Best Poster Award: Iron-Nickel doped nanohydroxy apatite powder using sol-gel method, National Conference on Energy and Environment, 15-16 Feb 2019, Sree Ayyapa College, Chenganoor (Student: Fathima sharaf, Guide: Prof. S. Sankararaman)
  - Best Paper Award: Thermal diffusivity study of copper oxide nanofluid through thermal lens, National Conference on Energy and Environment 15-16 Feb 2019, Sree Ayyapa College, Chenganoor (Student: M. S. Swapna, Guide: Prof. S. Sankararaman)
  - Best Paper Award: Analysis of carbon nanoparticle assisted intra-pigment energy transfer in leaves through green technology, National seminar on Green Technologies for Natural Product Analysis, 8 November 2019, Department of Botany, University of Kerala (Student: M. S. Swapna, Guide: Prof. S. Sankararaman).
  - First prize in Three minute thesis competition at Department Level, organized by University of Kerala as part of Science Week Celebrations 2019 (Student: M. S. Swapna, Guide: Prof. S. Sankararaman)
- 15. Public talks/ discussions over AIR/ television channels**
- Science, Social Science, and Commerce Fair inauguration and talk, St. Xavier’s Public School, Pothanicaad, 04/11/2019.

- Lecture on Nanofluids in Academic Staff College, University of Kerala 28/11/2019.
- Invited Lecture on Projects in Physics, National science Day Celebration, VALISTUS 2K19, Feb 16-22, 2019, Newmann College, Thodupuzha.
- Invited Lecture on Projects in Nano Fluids, National Seminar on Nanoscience and Nanotechnology, Feb 12-14, Bishop Moore College, Mavelikara.
- Invited Lecture on Projects in Nano Fluids, National Seminar on Recent Trends in Material Science Jan 28-29, 2019, Pavanatma College, Murickassery.

#### 16. Any other activities.

- Details of community outreach programmes (Please give a brief description) – Separate sheet attached.
- Demonstrated a simple setup for viewing solar eclipse through a video for the public and uploaded in the YouTube. [https://www.youtube.com/channel/UCOK-xWAJ2tW0Z\\_b7BNQPkq](https://www.youtube.com/channel/UCOK-xWAJ2tW0Z_b7BNQPkq)
- Conducted a live projection of Solar Eclipse in the Department of Optoelectronics on 26/12/2019; 8:00 am to 11:10 am for public and students.
- Research work relevant to Society and Industry as evidenced by News paper reports

#### NAME OF FACULTY: Dr. Yamuna A

11. No. of M.Phil dissertations awarded - 1 No.
12. No. of M.Phil dissertations submitted - 1 No.
17. No. of workshops/FDPs/short term courses/conferences attended
  - 3<sup>rd</sup> International Conference on Advanced Functional Materials (ICAFM-2019) on 9<sup>th</sup> -10<sup>th</sup> December 2019 at NIIST, Trivandrum.
  - National Conference on Innovations and Technologies for Ceramics (InTec-2019) on 11<sup>th</sup> -12<sup>th</sup> December 2019 at NIIST, Trivandrum.

#### Post Doctoral Fellows

##### Name : Dr. Jiji S G

- No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. - 1
- No. of workshops/FDPs/short term courses/conferences attended - 3
  - Work shop on Professional and Research Etiquette organized jointly by the School of Technology, University of Kerala and Office of Undergraduate Research Engagement, Research & Economic Development, Louisiana State University, Baton Rouge, Louisiana, United States of America (USA), held at University of Kerala, Karyavattom, Trivandrum during 25-29th March 2019.
  - Work shop on “Nanotechnology and its Applications in medicine” conducted by Industry Institute Partnership cell of the Biomedical Technology Wing, Sree Chitra Tirunal Institute for Medical Sciences & Technology, Trivandrum during July 25-26, 2019.
  - Two weeks Industrial training on “nextgen optics” conducted by Regional Telecom Training Centre (RTTC), Trivandrum from 19/08/2019.

##### Name : Dr. Sameera S

- No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. - 3
- No. of presentations in conferences/ seminars (indicate oral/ poster) - 2
  1. “A solar reflective coating for improving fuel efficiency in vehicles” by Sameera S and K G Gopchnadran. Proceedings of the International Symposium on “Advanced Materials for Industrial and Societal Applications”, 57th National Metallurgists’ Day (Under the aegis of Government of India, Ministry of Steel) and 73rd Annual Technical Meeting of IIM (NMD ATM 2019), November 13-16, TVM, India (Poster).
  2. “Lithium Bismuth niobate as an IR reflective pigmentfor cool roof” by S Sameera, Viji Vidyadharan and K G Gopchandran in the International Conference on Optoelectronic and Nano Materials for Advanced Technology (icONMAT 2019) held during January 3-5, 2019 at Cochin University of Science and Technology(Poster).
- No. of workshops/FDPs/short term courses/conferences attended - 3
  - “Workshop on Professional and Research Etiquette”, organized by School of Technology, University of Kerala and Louisiana State University, USA at UOK, Thiruvananthapuram, 25-29 March, 2019.
  - National Metallurgists Day, Annual Technical Meeting and International Symposium on Advanced Materials for Industrial and Societal Applications (NMD ATM 2019), November 13-16, Thiruvananthapuram, India.
  - International Conference on Optoelectronic and Nano Materials for Advanced Technology (ICONMAT 2019), January 3-5, Kochi, India.
- Details of international/ national/ state awards/ recognitions received.
  - Best poster presentation award in Energy, Environment, Recovery and Safety during 57th National Metallurgists’ Day and Annual Technical Meeting of “The Indian Institute of Metals” (Under the aegis of Government of India, Ministry of Steel) and 73rd Annual Technical Meeting of IIM (NMD ATM 2019), November 13-16, Thiruvananthapuram, India.

##### Name : Dr. Sajna M S

- No. of papers/ abstracts published in conference proceedings with ISBN - 1
    - N.V,Synthesis and Hydrophilic Mechanism of Porous TiO<sub>2</sub>-ZrO<sub>2</sub>Transparent Coating, Sanu M Simon, Prakashan. V.P, Gejo George, Sajna. M.S, Biju. P.R, Cyriac Joseph, Unnikrishnan. Cite as: AIP Conference Proceedings 2082, 030031 (2019)
  - No. of presentations in conferences/ seminars (indicate oral/ poster)
- Co-author in presentations**
- “Synthesis and Hydrophilic Mechanism of Porous TiO<sub>2</sub>-ZrO<sub>2</sub>Transparent Coating”, by Sanu M Simon, Prakashan. V.P, Gejo George, Sajna. M.S, Biju. P.R, Cyriac Joseph, Unnikrishnan. N.V,in

the International conference on Optoelectronic and Nano Materials for Advanced Technology (ICONMAT 2019) Cochin University of Science and Technology, Kochi, January 2019). (poster)

- “Electrospraying technique as a facile approach for the synthesis of porous TiO<sub>2</sub>-ZrO<sub>2</sub>-PMMA-Pluronic F127 composite microspheres for photocatalytic degradation of industrial dyes “ by Sanu M Simon, Gejo George, V. P. Prakashan, M. S. Sajna, Anoop Chandran, P. R. Biju, Cyriac Joseph, N. V. Unnikrishnan in the Biennial Conference Nano India 2019 supported by Department of Science and Technology, Government of India held at Mahatma Gandhi University, Kottayam, Kerala during 26th & 27th April 2019 (poster)
- “Wetting Mechanism of Double Templated Porous Binary Metal Oxide Films” by Sanu M Simon, Anoop Chandran, Gejo George, V. P. Prakashan, M. S. Sajna, P. R. Biju, Cyriac Joseph, N. V. Unnikrishnan in the 4th International Conference on Nanomaterials: Synthesis, characterization and Applications held at Mahatma Gandhi University, Kottayam, Kerala during 12-14 April 2019 (poster)

**Name : Dr. Raji R**

1. **No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. - 2**
2. **No. of papers/ abstracts published in conference proceedings with ISBN -1**

**3. No. of presentations in conferences/ seminars (indicate oral/ poster)**

- 1. Presented a paper entitled “ZnO as photocatalyst: synergistic effect of transition metals on the photocatalytic activity of ZnO nanoparticles” by Raji R and K G Gopchandran in the International conference on Advanced Materials for Sustainable Energy and sensors (INCAMSES-2019) organized by Dept. of Physics, Alagappa University, Karaikudi held during 16-17, September, 2019 (Poster).

**4. No. of workshops/FDPs/short term courses/ conferences attended - 3**

- Attended two weeks industrial training on NEXTGEN OPTICS conducted by Regional Telecom Training Centre
- “ZnO as a photocatalyst: synergistic effect of transition metals on the photo degradation kinetics of ZnO nanoparticles”, by Raji R and K. G. Gopchandran in the International Conference on Advanced Materials for Sustainable Energy and Sensors (INCAMSES-2019) held at Alagappa University during September 16-17, 2019
- Attended a five day workshop on Professional and Research Etiquette”, organized by School of Technology, University of Kerala and Louisiana State University, USA at UOK, Thiruvananthapuram, 25-29 March, 2019.

## DEPARTMENT OF COMPUTATIONAL BIOLOGY AND BIOINFORMATICS

Year of Establishment : 2005/2011

Faculty of Applied Sciences & Technology

**A. DEPARTMENT PROFILE**

**1. Teaching Staff**

Sl. No	Name (in the order of seniority)	Gender (M/F/TG)	Qualifications (Highest two)	Designation
1	Dr. Achuthsankar S. Nair	M	M. Tech, M. Phil, Ph. D	Professor

**2. Administrative staff - 1 No. (F)**

**3. Programmes offered**

Programme	Strength		Females	SC	ST	Other res. categories	Outside state	Foreign	Pass %
	Sanc-tioned	Actual							
M.Sc in Computational Biology	10	7	7	-	-	-	-	NIL	100 %
M.Phil in Bioinformatics & CADD	3	3	3	1	-	-	-	NIL	Result awaited
Ph.D in Bioinformatics	8	16	16	4	-	5	1	NIL	NA
Postdoctoral	-	2	2	-	-	-	-	NIL	NA
Others	-	-	-	-	-	-	-	NIL	NA

## B. COMMON ACTIVITIES

### 1. Details of papers published by the faculty members of the Department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.

- Elvis Ndukong Ndzi, Ambily Nath Indu Viswanath, Nsadzetsen Gilbert Adzemye, Ousman Tamgue, Munji Victorine Nsongka, Achuthsankar S. Nair and Céline Nguefeu Nkenfou, "Upregulated bovine tuberculosis microRNAs Trigger oncogenic pathways: An In silico perception", *International Journal of Mycobacteriology*, 8(1), 70, 2019. ISSN: 22125531. [IF – 1]
  - Mala S. Kumar, Amjesh R., Silpa Bhaskaran, Delphin R. D., Achuthsankar S. Nair and Sudhakaran P.R., "Molecular docking and dynamic studies of crepidine E beta glucopyranoside as an inhibitor of snake venom PLA2", *Journal of Molecular Modeling*, 25(4), 88, 2019. ISSN: 1610-2940. [IF – 1.5]
  - Biju Vadakkemukadiyil Chellappan, Shidhi P. R., Sheethal Vijayan, Veena S. Rajan, Anu Sasi and Achuthsankar S. Nair, "High quality draft genome of Arogyapacha (*Trichopus zeylanicus*), an important medicinal plant endemic to Western Ghats of India", *G3: Genes, Genomes, Genetics*, 9(8), 2395-2404, 2019. ISSN: 2160-1836. [IF – 2.6]
  - Biju Vadakkemukadiyil Chellappan, Sheethal Vijayan, Veena S. Rajan, Anu Sasi, Akhil Janardhanan and Achuthsankar S. Nair, "The Complete Chloroplast Genome of *Trichopus zeylanicus* and phylogenetic analysis with Dioscoreales", *The Plant Genome*, 12(3), 2019. ISSN: 1940-3372. [IF - 4]
  - Vineetha V., Biji C. L. and Achuthsankar S. Nair, "SPARK-MSNA: Efficient algorithm on Apache Spark for aligning multiple similar DNA/RNA sequences with supervised learning", *Scientific reports*, 9(1), 6631, 2019. ISSN: 2045-2322. [IF – 4.1]
  - Sunitha P., Rajesh Raju, Sajil C. K., Abhinand C. S., Achuthsankar S. Nair, Oommen V. Oommen, Sugunan V. S. and Sudhakaran P. R., "Temporal VEGFA responsive genes in HUVECs: Gene signatures and potential ligands/receptors fine-tuning angiogenesis", *Journal of Cell Communication and Signaling*, 1-11, 2019. ISSN: 1873-9601. [IF – 3.7]
  - Tanvi Suhane, Vijayalakshmi Bindumadhavan, Nupur Fangaria, Achuthsankar S. Nair, Wahida Tabassum, Poorvaja Muley, Mrinal K. Bhattacharyya and Sunanda Bhattacharyya, "Glu-108 in *Saccharomyces cerevisiae* Rad51 Is Critical for DNA Damage-Induced Nuclear Function", *mSphere*, 4(2), e00082-19, 2019. ISSN: 23795042. [IF – 4.47]
- ### 2. Details of papers published by the faculty members of the Department in other peer reviewed journals with ISSN, Vol No., month/year etc.

- Sherin K. and Achuthsankar S. Nair, "Review of Computational Prediction of Competing Endogenous RNA", *Journal of Proteomics & Bioinformatics*, 12, 030-037, 2019. ISSN: 0974276X.
  - Biju V. C., Shidhi P. R., Veena S. Rajan, Anoop P. K. and Achuthsankar S. Nair, "Therapeutic Properties of *Trichopus zeylanicus* Subsp. *travancoricus*, a Rare, Endangered Medicinal Plant in South India: A Review", *Herbal Medicine: Open Access*, 5(1), 2, 2019. ISSN: 2472-0151.
  - Shilpa George, Biji C. L., Achuthsankar S. Nair and Akhila Mathew, "Emerging techniques and trends in DNA cryptography", *Journal of Computer Technology and Applications*, 10(3), 29-41, 2019. ISSN: 2347-7229.
- ### 3. Details of book edited/ published by the faculty members of the Department with title, ISBN, publisher, month/ year:
- "Tharippu 'a novel in the genre of Historic-Science fiction, Olive books, Kozhikode, 2019. ISBN: 078-93-87334-81-6.
  - 'ഞാൻ ഉറപ്പും കൂടി മരം ചുറ്റിയപ്പോൾ', Children's literature (Popular Science), State Institute of Children's Literature, Govt. of Kerala, 2019. ISBN: 938893524-1.
- ### 4. Details of papers published by the faculty members of the Department as chapters in books with details such as title of the paper, title of the book, editors, publisher, etc.: NIL
- ### 5. Details of papers/ abstracts published by the faculty members of the Department in conference proceedings with ISBN, month/ year, indexing details if any etc.
- Junaida M. I., Shanitha A., Achuthsankar S. Nair, Sudhakaran P. R. and Oommen V. Oommen, "In Silico Prediction and Threading based Epitope Mapping of Leptospiral Surface Adhesion Protein Lsa46", *Proceedings of 31<sup>st</sup> Kerala Science Congress 2019*, Kerala. ISBN No. 81-86366-97.
  - Shilpa George, Biji C.L., Akhila Mathew and Achuthsankar S. Nair, "Emerging Techniques and Trends in DNA Cryptography", *Proceedings of the International Multi-Conference on Computing, Communication, Electrical & Nanotechnology (I2CN-2K19)*, Mangalam Engineering College, 2019.
  - Arya K. R., Bharath Chand R. P., Achuthsankar S. Nair and Sudhakaran P. R., "Identification of genes and pathways responsible for resistance of glioblastoma to antiVEGF therapy-A Bioinformatics approach", *Proceedings of International Conference on Recent Trends in Structural Bioinformatics and Computer Aided Drug Design [ICSBCADD'2019]*, Department of Bioinformatics, Alagappa University, Karaikudi, December 2019. ISBN: 978-93-89658-15-6.
  - Saleena Y., Vinod Chandra S. S. and Achuthsankar S. Nair, "An in silico approach for identifying the molecular level interaction of Chemotherapy drugs Crizotinib and Temozolomide in Glioblastoma and

Lung cancer targets”, *Proceedings of International Conference on Recent Trends in Structural Bioinformatics and Computer Aided Drug Design [ICSBCADD’2019]*, Department of Bioinformatics, Alagappa University, Karaikudi, December 2019. ISBN: 978-93-89658-15-6.

- Sherin K. and Achuthsankar S. Nair, “Comparison of Machine Learning classifiers in miRNA target prediction”, *Proceedings of International Conference on Recent Trends in Structural Bioinformatics and Computer Aided Drug Design [ICSBCADD’2019]*, Department of Bioinformatics, Alagappa University, Karaikudi, December 2019. ISBN: 978-93-89658-15-6.
- Priya Venugopal, Abhinand C. S., Athira T. and Achuthsankar S. Nair, “Identifying novel targets and their inhibitory phytochemicals in *H.pylori*-mediated infection - *Ani-silico* approach”, *proceedings of International Conference on Recent Trends in Structural Bioinformatics and Computer Aided Drug Design [ICSBCADD’2019]*, Department of Bioinformatics, Alagappa University, Karaikudi, December 2019. ISBN: 978-93-89658-15-6.
- Rani J. R., Mala S. Kumar, Shenu Hudson, Achuthsankar S. Nair and Soniya E. V., “*In Silico* and *In vitro* Approaches to Study the Inhibitory Effect of Phytochemicals on Root Rot Pathogen *Pythium splendens*”, *Proceedings of 5th International Conference on Interdisciplinary Research Innovations in Science & Humanities (IC-IRISH 2019)*, Sharjah, 11<sup>th</sup> - 12<sup>th</sup> November, 2019. ISBN No. 978-93-89105-22-3.
- Aswathy T. R., Arya K. R., Gayathri E., Sherin K., Achuthsankar S. Nair and Sugunan V. S., “Migraine Pathway Modelling and Identification of New Therapeutic Target”, *Proceedings of 5th International Conference on Interdisciplinary Research Innovations in Science & Humanities (IC-IRISH 2019)*, Sharjah, 11<sup>th</sup> - 12<sup>th</sup> November, 2019. ISBN No. 978-93-89105-22-3.
- Sunitha P., Sugunan V. S., Oommen V. Oommen, Achuthsankar S. Nair and Sudhakaran P. R., “Exploring the Key Genes in Serous Ovarian Cancer for use as potential Biomarkers using RNASeq data”, *Indo-Swedish Seminar on*

“*Analytical Cell Biology and Machine Learning in Cancer Research*” organized by Division of Cancer Research, Regional Cancer Centre, Trivandrum, 13<sup>th</sup> May, 2019.

**6. Details of articles published by the faculty members of the Department in scholar magazines, bulletins or news papers.**

- അച്യുതശങ്കർ എസ് നായർ, ബിജി സി എൽ, “ഇനവേഷൻ പരിണാമവും തദ്ദേശീയ വികാസവും” Yojana (Govt. of India), January 2019.
- അച്യുതശങ്കർ എസ് നായർ, മെഷീൻ ലേർണിംഗ് നവ സാങ്കേതിക വിദ്യയിലെ പുതു വസന്തം, Info Kairali, July, 2019.
- അച്യുതശങ്കർ എസ് നായർ, പാർട്ടി കോളേജുകൾ തളിർക്കുമ്പോൾ, Edit page article, Mathrubhumi News Paper, 14 July 2019.

**7. No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any.)**

- SIUCEB Phase II, Govt. of Kerala, Rs. 50 Lakhs, Ongoing, Dr. Achuthsankar S. Nair.
- SIUCEB Phase III, Govt. of Kerala, Rs.1 Crore, Ongoing, Dr. Achuthsankar S. Nair.
- SIUCEB Phase IV, Govt. of Kerala, Rs.1 Crore, Ongoing, Dr. Achuthsankar S. Nair.
- DBT-BIF, MHRD, Govt. of India, Rs. 9 Lakhs, Ongoing, Dr. Achuthsankar S. Nair.
- Whole Genome and Transcriptome Sequencing of *Evolvulus alsinodes*, University of Kerala, Rs. 42 Lakhs, Completed, Dr. Achuthsankar S. Nair.

**8. Details of newsletters/ brochure/ bulletins/ published by the Department.**

- InsiDE, DCB Newsletter, July – December 2018, Vol 4(2), published in 2019.
- InsiDE, DCB Newsletter, January – June 2019, Vol 5(1)

**9. No. of PhD theses awarded: 2**

**10. No. of PhD theses submitted: 2**

**11. No. of M. Phil dissertations awarded: 5**

**12. No. of M. Phil dissertations submitted: 3**

**13. Placement details of students.**

Sl No	Name of student	Name of course	Designation	Name of the company
1	Vishnu A. V. Nair	MSc in Computational Biology	Junior System Analyst	F Soft Solutions Pvt. Ltd.
2	Nisha Salim	MSc in Computational Biology	Software Engineer	Sequoia Applied Technologies
3	C.K. Sajil	Research Scholar	Consultant (Machine Learning)	Sequoia Applied Technologies
4	Akhil Janardhanan	MSc in Computational Biology	Senior Bioinformatics Engineer	Tilt Pvt. Ltd.



**14. Students who cleared GATE/NET/SET etc. - 1 no. (DBT-BIF 2019)**

**15. Details of Library books/ journals**

Sl. No	Details	
1.	Whether the library is automated	Yes
2.	No. of books in stock as on Jan 1, 2019	3511
3.	No. of books added this year	271
4.	No. of offline journal subscribed	NIL
5.	No. of online journals subscribed	NIL
6.	No. of online books available	NIL
7.	Amount spent for purchase of books	Rs. 2,42,963

**16. Details of international/ national conferences/ seminars/workshops organized by the Department.**

Sl. No	Name of the conferences/ seminars/ workshops	International/ national	Sponsoring agency	Date of the conference/ seminar/ workshop	No. of participants (Show foreign and outside state participants separately)
1	Residential Workshop on Bioinformatics & New Biology	National	SIET	February 26 - 27, 2019	40+0+0
2	Workshop on "Matlab for Computational Biologists"	National	DBT-BIF	March 19, 2019	10+0+0
3	Unconference on Applications of Machine Learning	National	DBT-BIF	June 19, 2019	16+0+0
4	Workshop on Bioinformatics & CADD Basics	National		August 22, 2019	15+0+0
5	AI for everyone	National	DBT-BIF	Sept 7, 2019	16+0+0
6	Hands-on workshop on RNA-Seq DATA Analysis	National	DBT-BIF	Sept 23 – 27, 2019	3+1+0
7	Seminar on Bioinformatics & CADD	National		October 14, 2019	10+0+0
8	Machine Learning using Python	National	DBT/AiCADD/ SIUCEB	October 30-31, 2019	24+0+0
9	Gandhi and Science	National		Nov 23, 2019	25+0+0
10	Workshop on Machine learning	National	DBT-BIF	Dec 2-6, 2019	60+0+0

**17. Details of consultancy work active during the year.**

- More than a dozen routine consultancy projects (amount collected: Rs. 51,850).

**18. Details of syllabus revisions during the year (indicate major/ minor): Major**

- MSc Programme in Computational Biology:
- Programme Syllabus for Sem-1 revised according to Outcome-based Education (OBE)

**19. Details of community outreach programmes (Please give a brief description)**

1. celebrating Science (12<sup>th</sup> February – 2<sup>nd</sup> March 2019)

Science day was celebrated in a grand manner with events spanning over two weeks in February 2019.

- Dr. Oommen V. Oommen gave a talk on the topic “Science cannot exist in isolation” on 12<sup>th</sup> February
- An Open day was conducted for school students on 13<sup>th</sup> February
- A science book exhibition was held on 14<sup>th</sup> February, where participants talked about their favorite science book.
- Dr. Achuthsankar S. Nair gave a talk on 15<sup>th</sup> February on the topic “Omics and interdisciplinary perspective”.

- “ആർക്കും ശാസ്ത്രം പങ്കിടാം”, was a unique event where anyone with a passion for science was given 2 minutes to talk on any scientific topic of their choice on 19<sup>th</sup> February.
- A debate on the topic “Astronomy - Science or pseudo-science?” was conducted on 21<sup>st</sup> February
- Prof. P. R Sudhakaran gave a talk on “Science of the left” on 22<sup>nd</sup> February
- A scientific themed film was screened on 25<sup>th</sup> February
- Dr. Jessy Narayanan gave a talk on “Science of Magic” on 26<sup>th</sup> February
- Mr. N. Sudhakaran gave a talk on “Magic of science” on 26<sup>th</sup> February
- A two-day residential workshop on Bioinformatics and New Biology was conducted for school children, in association with SIET and DCB on 26<sup>th</sup> & 27<sup>th</sup> February
- Dr. Sultan Ahmed Ismail gave a talk on “For the sake of Earth” on 27<sup>th</sup> February
- Dr. P G. Latha gave a talk on “Women in Science” on 28<sup>th</sup> February
- Dr. P.R. Hari Krishna Varma gave a talk on “Is Science & Technology heartless?” on 28<sup>th</sup> February.
- 108+ Facebook posts were created on various science topics on 28<sup>th</sup> February
- An Open house of captivating science experiments for public was held on 2<sup>nd</sup> March.
- 2. Open day for special needs students of Helping Hand Organization was held on 30<sup>th</sup> March 2019.
- 3. Department observed Women’s day on 8<sup>th</sup> March 2019 and Vayanadinam on 19<sup>th</sup> June 2019.
- 4. A seminar on “Gandhi & Science” was held on 23<sup>rd</sup> November 2019.
- 5. Dr. Achuthsankar S. Nair delivered the 52<sup>nd</sup> Engineers Day Lecture on “Innovation-Engineering for change” organized by Institution of Engineers (India) on 18<sup>th</sup> September 2019.
- 6. Dr. Achuthsankar S. Nair gave a talk on “New Generation Career Opportunities” in the HOPE Student Empowerment Camp (Southern Kerala) at Adoor, organized by College of Engineering Trivandrum Alumni (CETA) on 14<sup>th</sup> September 2019.
- 7. A talk on “Western Ghats: a treasure house of biodiversity - Conservation through WGEEP & HLWG” was given by Prof. Oommen V. Oommen on 27<sup>th</sup> August 2019.
- 8. An outreach programme was conducted for 90 higher-secondary students of Shanthiniketan

School, Trivandrum on 14<sup>th</sup> November 2019.

**20. Steps taken to make the Department differently abled friendly**

- Ramp leading to first floor has been repaired.

**21. Green initiatives/ waste management/ energy saving measures.**

- Green practices are meticulously observed in the Department to maintain the inspiring ambience of the Campus, ensure eco-friendly sustenance and to preserve the backdrop of its rich cultural heritage and indigenous biota. The Department premises are kept tidy and green. Many indigenous trees have been nurtured to full growth and landscaped garden is well maintained. An echo-hut made in Kalari style stands as a symbol of the Department green commitment. The commonly observed Green Practices are:
- The Department upholds and strongly adheres to the traditions, culture and cuisine of Kerala for all activities ranging from a regular house meeting to organising an international workshop.
- Only natural, eco-friendly & biodegradable decorations are used for celebrations. Cloth banners and paper posters are very often hand-crafted and used for seminars and workshops. Food and beverages are served in palm plates, banana leaves and steel cups.
- The use of plastic in any form is discouraged and its disposal in the premises is strictly prohibited.
- The use of plastic in academics as in plastic clad project reports, assignments etc is also banned.
- The use of plastic items in office supplies and logistics is minimized. Paper files and ink pens are preferred to plastic files and ballpoint pens.
- Bouquets for all events are custom made with ethnic taste using flowers and plants in the premises.
- Outreach programmes are formulated to instil green and ethnic practices in school students and generate awareness regarding green aesthetics.
- Ordering and consumption of junk-food and fast-food are prohibited. Online food is also banned in the Department since 15<sup>th</sup> October 2019. Healthy alternatives are suggested, promoted and encouraged.
- Consumption of soft drinks and bottled beverages are prohibited. Healthy alternatives such as buttermilk, lemon juice, gooseberry juice etc are promoted. Boiled and herbal flavoured drinking water is provided in the Department.
- Every member of the Department is made aware of the Green Practices and motivated to take a conscious effort to observe them, maintain the ambience and keep the premises clean.

**22. Details of alumni association.**

Sl. No	Details	
1.	Name of the association	DCB PURVA
2.	Registered or not	No
3.	No. of meetings held this year	1 (Alumni meet on 1 <sup>st</sup> June 2019)
4.	No. of members added this year	10
5.	Details of alumni contributions, including endowments, talks, donation etc	Noted below

Alumni lecture series has been held as follows:

- Dr. R. Amjesh gave a talk “Epigenetic landscape of Cancer” on 21<sup>st</sup> February 2019.
- Dr. Gopakumar G. delivered a talk on “Machine Learning for Bioinformatics” on 22<sup>nd</sup> March 2019.
- Dr. T. Mahalakshmi gave a talk on “Machine Learning in Python” on 22<sup>nd</sup> March 2019.
- Dr. Vinod Chandra S. S. gave a lecture on “Research Methodology” on 12<sup>th</sup> April 2019.
- Dr. Bindu A conducted an interactive session on “How to stay motivated” on 22<sup>nd</sup> July 2019.

Alumni give fellowships and assistances to needy students.

### **23. Details of eminent personalities visited the Department.**

- Interaction with eminent Scholar, Prof./Dr. Subhash C. Chauhan, University of Tennessee, Health Science Center, Tennessee in the topic “Targeted Nano therapies for Cancer” on 20<sup>th</sup> March 2019.
- Invited lecture by Dr. Roshan Paul, Director, Indo-German Science & Technology Centre, New Delhi on “Growing Research Partnership of Industrial Relevance between India and Germany” on April 16<sup>th</sup> 2019, in association with Inter-University Centre for Evolutionary and Integrative Biology.
- Interaction with eminent scholar, Prof. Dr. Ram H. Nagaraj, Professor, Department of Ophthalmology, University of Colorado Anschutz Medical Campus, Colorado, USA on the topic “Impact of Chemical Modifications on the Structure and Functions of Crystallins” on 12<sup>th</sup> December, 2019.

### **24. Details of awards received by faculty/ staff/ students.**

- P. T. Bhaskara Panicker Award 2019 was awarded to Prof. Achuthsankar S. Nair and was received on 28<sup>th</sup> December, 2019.
- Dr. P.R. Sudhakaran was awarded the Asuthosh Mookerjee Fellowship 2018-19.
- Rashmi Sukumaran secured 1<sup>st</sup> prize in Oral Presentation in the National Seminar on “Computer Genomics Tools for Next Generation Sequencing and Biomedical Data Analysis” organized by the DBT Bioinformatics Centre & Department of Bioinformatics, Bharathiar University, Coimbatore on 8<sup>th</sup> February, 2019.
- Anuroopa G. Nadh secured 1<sup>st</sup> prize in Drawing competition, 2<sup>nd</sup> prize in Quiz competition and 3<sup>rd</sup> prize in Poster presentation in the National Seminar on “Computer Genomics Tools for Next Generation Sequencing and Biomedical Data Analysis” organized by the DBT Bioinformatics Centre & Department of Bioinformatics, Bharathiar University, Coimbatore on 8<sup>th</sup> February, 2019.
- Priya Venugopal secured 2<sup>nd</sup> prize in Oral presentation in the National Seminar on “Computer Genomics Tools for Next Generation Sequencing and Biomedical Data Analysis” organized by the DBT Bioinformatics Centre & Department of Bioinformatics, Bharathiar University, Coimbatore on 8<sup>th</sup> February, 2019.
- Rani J. R. secured 3<sup>rd</sup> prize in Oral presentation and 2<sup>nd</sup> prize in Quiz competition in the National

Seminar on “Computer Genomics Tools for Next Generation Sequencing and Biomedical Data Analysis” organized by the DBT Bioinformatics Centre & Department of Bioinformatics, Bharathiar University, Coimbatore on 8<sup>th</sup> February, 2019.

- Shanitha A. secured 1<sup>st</sup> prize in Oral presentation in the International Symposium on “Metabolism and Aging” at Mar Ivanios College organized by the Department of Zoology, in association with Oklahoma Medical Research Foundation, USA on 16<sup>th</sup> - 17<sup>th</sup> July, 2019.
  - Priya Venugopal won Best Oral presentation award in the International Conference on “Recent Trends in Structural Bioinformatics and Computer Aided Drug Design” [ICSBADD’ 2019] organized by Department of Bioinformatics, Alagappa University, Karaikudi, 10<sup>th</sup> – 12<sup>th</sup> December, 2019.
- ### **25. Other major achievements and activities, including invited lectures, interactions, get together etc.**
- Interaction with experts on the topic of Machine Learning was held on 15<sup>th</sup> May 2019 - Dr. Ewert & Dr. Joakin from Uppsala University, Dr. Christiana Runow, Stockholm, Sweden and Dr. Sujathan, Additional Professor, RCC.
  - Interaction with Dr. Abhinav K. V., Postdoctoral Research Associate, Prof. Gabriel Waksman Lab, UCL and Birkbeck, London.
  - Interaction with Mr. Aju Kuriyakose, CEO, Sequoia Applied Technology and our alumni, Ms. Anu P. Raj on 21<sup>st</sup> January 2019.
  - A critical thinking competition was held on 19<sup>th</sup> March 2019, where participants critically reviewed famous advertisements, and gave suggestions to improve them.
  - Invited lecture by Dr. Saji George, McGill University, Canada on the topic “Interactions of dietary nanomaterials with proteins of relevance to gastro-intestinal system” was held on 3<sup>rd</sup> July 2019.
  - Interaction with Dr. Sanalkumar, Research Scientist, Lausanne University Hospital, Switzerland, on 23<sup>rd</sup> July 2019.
  - Interaction with Dr. Shaji Krishnan, Senior Scientist, TNO, Netherlands on 7<sup>th</sup> August 2019.
  - Lecture series by Prof. P.R. Sudhakaran on various molecular themes – Molecular Philosophy of Life, Book of Life, Play of Chemistry in Cell Theatre, Biosignalling, Social behaviour of cells, Worrying about moving out, Biological Catalyst, Why is Sweet sweet was held from 29<sup>th</sup> July - 23<sup>rd</sup> August 2019.
  - A machine learning internship programme was launched and two batches were completed in June-July (No. of participants: 23) and October-November (No. of participants: 3) 2019 respectively.
  - Three teams from the Department were selected for state level contest for Young Innovation programme of K-DISC, Government of Kerala in December 2019.

## 26. Details of online courses offered:

Sl. No	Details	
1.	No. of MOOC courses offered	NIL
2.	Name of the coordinator	NIL
3.	No. of students enrolled for the course	NIL
4.	No. of students enrolled for online/MOOC courses offered by other institutions	5

Aswin, Fathima, Gayathri, Viji and Vidhya of M.Sc 2018-20 batch (Third semester) have passed the following online courses:

- SWAYAM MOOC on Academic Writing offered by Dr Ajay Semalty of H.N.B. Garhwal Central University, Uttarakhand. (4 credits)
- Online course on “Machine Learning with Python” offered by Cognitive class, IBM.
- Online course on “Introduction to Data science, offered by Cognitive class, IBM.

### C. CONTRIBUTION AT INDIVIDUAL LEVEL

Name of faculty: Prof. Achuthsankar S. Nair

1. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.: 7
2. No. of papers published in other peer reviewed journals with ISSN etc.: 3
3. No. of book edited/ published with ISBN: 2
4. No. of papers/ abstracts published in conference proceedings with ISBN: 2
5. No. of presentations in conferences/ seminars (indicate oral/ poster): 9
6. No. of articles published in scholarly magazines, bulletins or news papers: 3
7. No. of Ph.D theses awarded: 2
8. No. of Ph.D thesis submitted: 2
9. No. of M.Phil dissertations awarded: 3
10. No. of M.Phil dissertations submitted: 3
11. Involvement in academic bodies as dean, academic council/board of studies member etc.: Many
12. Served as Chair/ member of committees/ boards/ councils/ commissions etc.
  - Member of Academic Committee of Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum.
  - Examiner for University of Sains, Malaysia and NIT, Kurukeshetra.
  - Member of Technical expert committee of KU-TBSC, University of Kerala.
  - Member of Steering committee for re-framing of syllabi of all PG Programmes of the Departments under CSS, University of Kerala.
  - Member of Academic Advisory Committee of UGC-Human Resource Development Centre (HRDC), University of Calicut.

- Member of Advisory committee of ICACCI'19, IITM-K, Trivandrum.

### 13. Details of international/ national/ state awards/ recognitions received.:

P. T. Bhaskara Panicker Award 2019

### 14. Public talks/ discussions over AIR/ television channels

1. Dr. Achuthsankar S. Nair delivered a talk on “Nehruvian Science and Technology: A Retrospect” at the International Seminar organized by UGC-Nehru Studies Centre, University of Kerala on 20<sup>th</sup> March 2019.
2. Dr. Achuthsankar S. Nair delivered a talk on “Insight to signal processing” in the Faculty Development Programme on wireless communication networks and signal processing organized by Dept. of Electronics and Communication Engineering, Jyothi Engineering College from 4<sup>th</sup> -17<sup>th</sup> December 2019.
3. Dr. Achuthsankar S. Nair gave a talk in the three-day National Seminar on Trans-disciplinary Education and Teacher Competence in the Department of Education, University of Kerala from 21<sup>st</sup> – 23<sup>rd</sup> November 2019.
4. Dr. Achuthsankar S. Nair gave a speech on “Student induction programme - Experience of organization” in the two-day National Workshop on Training of Teachers for student induction programme – Deeksharambh Phase II at Bharathiar University, Coimbatore on 30<sup>th</sup>-31<sup>st</sup> October 2019.
5. Dr. Achuthsankar S. Nair delivered a talk in the Faculty Development Programme on “Assessent and Evaluation as pivot to quality” at Newman College, Thodupuzha on 26<sup>th</sup> October 2019.
6. Dr. Achuthsankar S. Nair delivered a speech for PRAYAAG 2019 conducted by LBS Institute of Technology for Women, Poojappura, Thiruvananthapuram on 25<sup>th</sup> -27<sup>th</sup> October 2019.
7. Dr. Achuthsankar S. Nair gave a talk during the two day National Seminar on “Intellectual property Rights and Higher Education in India” at Government Brennen College, Dharmadam, Thalassery on 16<sup>th</sup> -17<sup>th</sup> October 2019.
8. Dr. Achuthsankar S. Nair gave a talk on “Machine Learning” at the one day National Seminar on “Applications of Machine Learning and Pattern Recognition in Bioinformatics [AMLPRB-2019]”, at the Department of Studies in Computer Science, University of Mysore on 30<sup>th</sup> September 2019.

9. Dr. Achuthsankar S. Nair delivered a speech in the Hrithayapoorvam programme at St. Stephen's College, Pathanapuram, Kollam on 26<sup>th</sup> -27<sup>th</sup> October 2019.
10. Dr. Achuthsankar S. Nair gave a talk on "Reforming and Redefining Engineering Pedagogy" conducted by Electrical and Electronics Engineering Department, Mar Athanasius College of Engineering, Kothamangalam on 19<sup>th</sup> July 2019.
11. Dr. Achuthsankar S. Nair engaged two sessions on "Examination as key to Quality Education" at Orientation Programme XXXIX organized by UGC-Human Resource Development Centre, Kannur University on 18<sup>th</sup> July 2019.
12. Dr. Achuthsankar S. Nair delivered a speech on "Karadu Desiya Vidyabhasya Nayam 2019 Pothu Vidyabhaysa Nirdeshangal" at SIEMET, Kerala on 8<sup>th</sup> -9<sup>th</sup> July 2019.
13. Dr. Achuthsankar S. Nair delivered a talk on "Science Education in the Google Age" in the Science Camp during "Sargavasantham 2019" conducted by Kerala State Balasahithya Institute on 3<sup>rd</sup> May 2019.
14. Dr. Achuthsankar S. Nair delivered a talk on "Innovation by management" at four-day training programme on academic leadership at Centre for Academic Leadership and Education Management, Aligarh Muslim University, Aligarh, held in Trivandrum from 2<sup>nd</sup> -5<sup>th</sup> April 2019.
15. Dr. Achuthsankar S. Nair delivered a talk on "Sasthram-Swapnangalum Saakshathkkaaravum" in the "Sasthayanam" programme conducted by General Education Department, Govt. of Kerala on 18<sup>th</sup> March 2019.
16. Dr. Achuthsankar S. Nair delivered a talk on "Inculcating Innovative thinking" in National Seminar and Workshop on Curriculum Reforms conducted by State Council of Education Research and Training (SCERT), Kerala on 14<sup>th</sup> March 2019.
17. Dr. Achuthsankar S. Nair delivered a talk on "Research Methodology, Writing Practices, Language and Soft Skills" organized by Department of Physics, St. Cyril's College, Adoor on 15<sup>th</sup> March 2019.
18. Dr. Achuthsankar S. Nair delivered a talk on "Using Metaphors for Communicating Science to General Public" in the workshop on Popular Science Writing in Department of Communication and Journalism on 12<sup>th</sup> March 2019.
19. Dr. Achuthsankar S. Nair delivered an invited lecture on "Thoughts on Continuous/ Internal Assessment" in the Refresher Course in Education and Teaching Methods organized by UGC-Human Resource Development Centre (HRDC), University of Kerala on 13<sup>th</sup> March 2019.
20. Dr. Achuthsankar S. Nair presented a paper titled "Sustainable Lake Rejuvenation" in the National Seminar conducted by Translational Research and Professional Leadership Centre, Govt. Engineering College, Barton Hill, Thiruvananthapuram on 14<sup>th</sup> March 2019.
21. Dr. Achuthsankar S. Nair gave a speech on "Innovation" in All India Radio on 6<sup>th</sup> March 2019.
22. Dr. Achuthsankar S. Nair delivered an invited Public Lecture on "Sasthra Nurungukal" at the Science Week Celebrations & Open House organized by IQAC, University of Kerala on 1<sup>st</sup> March 2019.
23. Dr. Achuthsankar S. Nair delivered a talk on "Innovation, Diversity & Mobility: New Buzz words for Higher Education" in the seminar organized by Confederation of Kerala College Teachers at Thiruvananthapuram on 2<sup>nd</sup> March 2019.
24. Dr. Achuthsankar S. Nair gave a talk on "New world, New Education" in the National Students' Parliament held by the Kerala Legislative Assembly on 24<sup>th</sup> February 2019.
25. Dr. Achuthsankar S. Nair delivered a Science day lecture on "Future of Science & Technology – A fantasy trip (in a driverless car!)" in National Science Day Celebration 2019 conducted by Central University of Kerala on 25<sup>th</sup> February 2019.
26. Dr. Achuthsankar S. Nair inaugurated and gave the key note address in "BODHI", Multidisciplinary National Seminar conducted by K.S.M.D.B. College, Sasthamcotta, Kollam on 13<sup>th</sup> February 2019.
27. Dr. Achuthsankar S. Nair delivered an invited lecture on "New Biology" in the three-day National Seminar "Omics Approaches in Biotechnology" organized by the Department of Biotechnology, Govt. College, Kariavattom, Thiruvananthapuram on 15<sup>th</sup> February 2019.
28. Dr. Achuthsankar S. Nair inaugurated the 66<sup>th</sup> Annual day celebrations conducted by N.V.U.P. School, Vayala on 22<sup>nd</sup> February 2019.
29. Dr. Achuthsankar S. Nair delivered a theme lecture on "How Bio-informatics complements and supplements other views of life" in National Seminar on Advances and Applications in Plant Science conducted by Department of Botany, Kariavattom on 6<sup>th</sup> February 2019.
30. Dr. Achuthsankar S. Nair delivered a talk on "New Biology" in the Seminar series conducted by College of Agriculture, Vellayani, Kerala Agricultural University on 18<sup>th</sup> January 2019.
31. Dr. Achuthsankar S. Nair inaugurated and gave a talk on "Creative Thinking and Language Skill for Scientists" in the workshop on "Research Methodology, Writing Practices, Language and Soft Skills" conducted by Department of Geology, S.N. College, Sivagiri, Varkala on 22<sup>nd</sup> January 2019.
32. Dr. Achuthsankar S. Nair gave a talk on "Creative and Critical Thinking" in the leadership camp organized by Federation of All Kerala University Employees Organisations at Rajiv Gandhi Institute of Development Studies, Thiruvananthapuram on 26<sup>th</sup> January 2019.
33. Dr. Achuthsankar S. Nair gave a talk on "Creative and Critical Thinking" in the sesquicentennial

celebrations of Govt. LPS, Madavoor, Kallambalam, Navaikulam on 26<sup>th</sup> January 2019.

34. Dr. Achuthsankar S. Nair delivered a talk on “Critical Thinking” organized by Trivandrum Management Association on 31<sup>st</sup> January 2019.
35. Dr. Achuthsankar S. Nair delivered a talk on “Machine Learning” in Little Kites Workshop organized by Kerala Infrastructure and Technology for Education (KITE) on 8<sup>th</sup> August 2019.
36. A talk on “Bioinformatics: an Interdisciplinary perspective” was delivered by Dr. Achuthsankar S. Nair at the Dept. of Biotechnology, Govt. College Kariavattom as a part of NSOAB seminar.
37. Dr. Achuthsankar S. Nair gave a talk on (i) driverless cars in All India Radio and (ii) took part in discussions and debates in many television channels including Doordarshan.
38. Dr. Achuthsankar S. Nair gave a lecture entitled “Informational Perspective of Life Sciences” in the International Symposium on Converging

Technologies for Human Welfare - Biotechnology, Nanotechnology & Information Technology organized by Department of Biotechnology, Mar Ivanios College, Thiruvananthapuram on 2<sup>nd</sup> July 2019.

39. Dr. Achuthsankar S. Nair gave a talk in the Workshop on Research Methodology organized by KU Students Union on 19<sup>th</sup> July 2019.
40. Dr. Achuthsankar S. Nair gave a talk in the National Seminar on National Educational Policy Draft, organized by University of Calicut, 25<sup>th</sup> July 2019.
41. Dr. Achuthsankar S. Nair gave a talk in the National Conference on Pedagogy and Andragogy organized by Sir Syed College Taliparamba, Kannur on 5<sup>th</sup> August 2019.

#### 15. Any other activities.

NCBI SRA submission SUB6407093, “Pythium splendens strain”: RGCB-1 Raw sequence reads, October 9, 2019.

## DEPARTMENT OF NANOSCIENCE AND NANOTECHNOLOGY

Year of establishment: 2016

Faculty of Faculty of Applied Science and Technology

### A. DEPARTMENT PROFILE

#### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender (M/F/TG)	Qualifications (Highest two)	Designation
	Dr. S. Sankararaman	M	M.Phil, Ph.D	Professor and Head in charge
	Dr. S. R Sarath Kumar	M	M.Phil, Ph.D	Lecturer on contract basis

#### 2. Administrative staff - 3 nos. (2M/1F)

#### 3. Programmes offered

Name of programme	strength	Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actual							
Masters (.....)	NIL								
M.Phil (.....)	4	4	-	1		1	-	-	100
PhD	2	-	-	-					NA
Post Doc									
Others									

## B. COMMON ACTIVITIES

1. Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc. – Detailed in section C
2. Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc. - Detailed in section C
3. Details of papers published by the faculty members of the department as chapters in books with details such as title of the paper, title of the book, editors, publisher, etc. - Detailed in section C
4. No. of PhD theses awarded. - 2
5. No. of M. Phil dissertations awarded. -4
6. No. of M. Phil dissertations submitted. -4
7. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	Yes ( work started)
2.	No. of books in stock as on Jan 1,2019	1264
3.	No. of books added this year	214
4.	No. of offline journal subscribed	Nil
5.	No. of online journals subscribed	Nil
6.	No. of online books available	Nil
7.	Amount spend for purchase of books	Rs.5,96,448/-

8. Major developmental activity like construction etc.

Sl. No	Name of the activity	Cost	Source of fund	Purpose
1.	New Building for Department of Nanosciene			

9. Details of alumni association.

Sl. No	Details	
1.	Name of the association	Alumini Association
2.	Registered or not	Not
3.	No. of meetings held this year	1
4.	No. of members added this year	4
5.	Details of alumni contributions, including endowments, talks, donation etc	NIL

10. Other major achievements and activities, including invited lectures, interactions, get together etc.-

Department celebrated science week, Yoga day, Environmental day and Pre-monsoon Cleaning Programme. - Separated file attached.

## C. CONTRIBUTION AT INDIVIDUAL LEVEL

**Name of faculty: PROF. S.SANKARARAMAN**

1. No. of papers published in other peer reviewed journals with ISSN etc.
2. Fractal Applications in Bio-Nanosystems, M S Swapna and S Sankararaman, Open Access Biostatistics & Bioinformatics, 2(4), (2019). doi: 0.31031/OABB.2019.02.000541.
3. No. of MPhil dissertations awarded- 3
4. No. of MPhil dissertations submitted -3
5. No. of patents requests filed- Application No.201941029216 and Filing Date. 19.07.2019
6. No. of workshops/FDPs/short term courses/ conferences attended-
  - Attended Workshop on “Outcome based education” conducted by IQAC at University of Kerala on 23rd July 2019
  - Attended Faculty Development Programme (FDP) regarding Student induction held at MBITS, Kothamangalam on 13-15th June 2019
7. Involvement in academic bodies as dean, academic council/ board of studies member etc.
  - Chaired Board of Studies meeting in Nanoscience and Nanotechnology, University of Kerala, 16/12/2019- M. Phil syllabus preparation
  - Chaired Board of Studies meeting in Electronics, University of Kerala, 16/12/2019.

- Chairman BoS in Electronics, Conducted two day workshop on 21st and 22nd February 2019 for revising the Curriculum and syllabus of UG and PG programmes in Electronics
  - Member in Research Council – Research Policy making
  - 8. Service as reviewer of journals/ seminar papers (give details)
    - Journal of Materials Engineering and Performance, Springer
    - Modern Physics Letters A, World Scientific, Singapore
    - Frontiers of Optoelectronics, Springer
    - Journal of Food Processing and Preservation, Wiley
    - Transactions of the Indian Ceramic Society, Taylor and Francis
    - American Journal of Mathematical and Management Sciences, Wiley
    - Optical and quantum Electronics, Springer
    - Sains Malaysia, Universiti Kebangsaan Malaysia
    - Journal of Optical Society of America B, Optical Society of America
  - 9. Served as Chair/ member of committees/ boards/ councils/ commissions etc.
    - Chairman, Board of Studies in Nanoscience and Nanotechnology, University of Kerala
    - Chairman, Board of Studies in Electronics, University of Kerala
    - Chairman, UG Board of Studies in Physics, M. A. College, Kothamangalam.
    - Member, Research Council, University of Kerala
    - Member Board of studies in Optoelectronics, University of Kerala
    - Member, Academic Council, University of Kerala
    - Member PG Board of Studies in Physics, M. A. College, Kothamangalam
    - Expert in Solar Energy Campus Project 2019
    - Mentor- Young Innovators Program YIP 2019
  - 10. Artistic performances held (fine arts faculty only)
  - 11. Media productions (journalism only) – Produced **18** short videos on research findings and uploaded in the YouTube channel: [https://www.youtube.com/channel/UCOK-xWAJ2tW0Z\\_b7BNoQPkg](https://www.youtube.com/channel/UCOK-xWAJ2tW0Z_b7BNoQPkg)
  - 12. Details of international/ national/ state awards/ recognitions received.
    - Prof. S Sankararaman successfully completed OSA (Optical Society of America) Reviewer Certification course on 21/12/2019.
    - Young Innovators' Program-YIP 2019 K-DISC - The idea 'Ink from soot' participated in the State level competition, 24/12/2019.
    - Best Poster Award: Iron-Nickel doped nanohydroxy apatite powder using sol-gel method, National Conference on Energy and Environment, 15-16 Feb 2019, Sree Ayyapa College, Chenganoor  
(Student: Fathima sharaf, Guide: Prof. S. Sankararaman)
    - Best Paper Award: Thermal diffusivity study of copper oxide nanofluid through thermal lens, National Conference on Energy and Environment 15-16 Feb 2019, Sree Ayyapa College, Chenganoor (Student: M. S. Swapna, Guide: Prof. S. Sankararaman)
    - Best Paper Award: Analysis of carbon nanoparticle assisted intra-pigment energy transfer in leaves through green technology, National seminar on Green Technologies for Natural Product Analysis, 8 November 2019, Department of Botany, University of Kerala (Student: M. S. Swapna, Guide: Prof. S. Sankararaman).
    - First prize in Three minute thesis competition at Department Level, organized by University of Kerala as part of Science Week Celebrations 2019 (Student: M. S. Swapna, Guide: Prof. S. Sankararaman)
  - 13. Public talks/ discussions over AIR/ television channels –
    - Science, Social Science, and Commerce Fair inauguration and talk, St. Xavier's Public School, Pothanicaud, 04/11/2019.
    - Lecture on Nanofluids in Academic Staff College, University of Kerala 28/11/2019.
    - Invited Lecture on Projects in Physics, National science Day Celebration, VALISTUS 2K19, Feb 16-22, 2019, Newmann College, Thodupuzha.
    - Invited Lecture on Projects in Nano Fluids, National Seminar on Nanoscience and Nanotechnology, Feb 12-14, Bishop Moore College, Mavelikara.
    - Invited Lecture on Projects in Nano Fluids, National Seminar on Recent Trends in Material Science Jan 28-29, 2019, Pavanatma College, Murickassery.
  - 14. Any other activities. –
    - a. Details of community outreach programmes (Please give a brief description) – Separate sheet attached.
      - Demonstrated a simple setup for viewing solar eclipse through a video for the public and uploaded in the YouTube. [https://www.youtube.com/channel/UCOK-xWAJ2tW0Z\\_b7BNoQPkg](https://www.youtube.com/channel/UCOK-xWAJ2tW0Z_b7BNoQPkg)
      - Conducted a live projection of Solar Eclipse in the Department of Optoelectronics on 26/12/2019; 8:00 am to 11:10 am for public and students.
      - Research work relevant to Society and Industry as evidenced by News paper reports
- C. CONTRIBUTION AT INDIVIDUAL LEVEL**
- Name of faculty: Dr. S. R. Sarath Kumar**
- 15. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. : ONE (<https://doi.org/10.1007/s11468-019-01035-3>)



16. No. of workshops/FDPs/short term courses/ conferences attended: 1
- Invited lecture on Thermoelectrics: Basics and Select Research Works at Govt. College Karyavattom on Nov 24, 2019.
- Name of Technical staff: Dr.Sajid Babu.N**
17. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. -1
- Deposition of Nanocrystal Thin Films of Cu<sub>2</sub>Se and Their Optical and Electrical Charecterization, N.Sajid Babu and M.Abdul Khadar(Applied Surface Science, 474 (2019) 34–41, ISSN:0169-4332, Imapct Factor: 5.155)
18. No. of papers/ abstracts published in conference proceedings with ISBN: 1,
- Linear and Nonlinear Optical Properties of ZnS/Ag<sub>2</sub>S Composite Nanoparticles, e-ISBN :978-93-89640-07-6
19. No. of presentations in conferences/ seminars (indicate oral/ poster):1
20. Poster
- Linear and Nonlinear Optical Properties of ZnS/Ag<sub>2</sub>S Composite Nanoparticles, N.Sajid Babu and M.Abdul Khadar, Internantional Conference on Nanoscience and Nanotewchnology (ICNAN'19), Centre for Nanotechnology Research, Vellore Institute of Technology, Vellore, 29<sup>th</sup> November – 1<sup>st</sup> December 2019.
21. No. of workshops/FDPs/short term courses/ conferences attended :1
- Two-WeekFDP on “Synthesis and Characterization of Nano materials” Funded by AICTE and TEQIP-III from 4<sup>th</sup> -16<sup>th</sup> November 2019, CNST, IST, JNTUH, Hyderabad.

**B. 33. Other major achievements and activities, including invited lectures, interactions, get together etc.- Environment Day 2019**

Department celebrated environment day 2019 and plant trees.



**Science Week 2019**

Department celebrated science week 2019 from February 25, 2019, to March 02, 2019. Department conducted open house on 27/02/2019. Department conducted science lecture by Prof. VPN Namboori, Formerly Professor of Photonics, CUSAT on the topic Raman Spectroscopy on 27/02/2019 and also counducted a science lecture by Dr. R B Rakhi, Ramanujan Fellow, CSIR NIST on the topic supercapacitor on 28/02/2019.



### Yoga Day 2019

International Yoga day was celebrated by the department of Nanoscience and Nanotechnology incorporation with the Department of optoelectronics and the department of Physics. Dr. Subodh, HOD, Department of physics welcomed the chief guest and speaker Dr. Unnikrishnan Nair, Retired Professor, Department of Optoelectronics. Dr. Unnikrishnan Nair inaugurated the function and gave an interesting class and he demonstrated certain yoga steps. Dr. Sibi, Assistant professor, Department of Physics, delivered vote of thanks to all. All the students, faculty and staff of Department of Nanoscience attended the function. Photos of the function are attached herewith.

### 3 B. Papers Published in Journals with Impact Factor

2. Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.

Sl. No	Title	Journal with page Nos.	ISSN/ ISBN No. DOI No.	Whether Peer reviewed. Impact Factor, if any	Scopus indexed or not
1	Allotropic transformation instigated thermal diffusivity of soot nanofluid: Thermal lens study	Physics of Fluids, 31 (11), (2019)	1089-7666 10.1063/1.5124030	Yes 2.627	Yes
2	Investigation of Fractality and variation of fractal dimension in germinating seed	The European Physical Journal Plus, (2019)	2190-5444	Yes 2.612	Yes
3	The role of hydroxyl ions in the evolution of optical nonlinearity of CuO: A Z scan study	Materials Research Express 6, 116202, (2019)	2053-1591	Yes 1.449	Yes
4	Ultrahigh Sensitivity Surface Plasmon Resonance Based Fiber-Optic Sensors Using Metal-Graphene Layers with Ti3C2Tx MXene Overlayers	Plasmonics, (2019)	15571955 10.1007/s11468-019-01035-3.	Yes 2.93	Yes
5	Generalized Theory of Thermal Conductivity for Different Media: Solids to Nanofluids	J. Phys. Chem. C, 123,23264-23271 (2019)	1932-7447 (P); 1932-7455 (O) 10.1021/acs.jpcc.9b07406.	4.309	Yes
6	Soot as a precursor for the low temperature synthesis of organometallic sodium carbide	Materials Research Express 6, 105622, (2019)	2053-1591 10.1088/2053-1591/ab3ecf	Yes 1.449	Yes
7	Carbon nanoparticles assisted energy transport mechanism in leaves: A thermal lens study	The European Physical Journal Plus, 133, 544 (2018)	2190-5444 10.1140/epjp/i2018-12357-6	Yes 2.612	Yes
8	Effect of duty cycle on photothermal phenomenon – a thermal lens study	Optik - International Journal for Light and Electron Optics, 186, 187–193, (2019)	0030-4026 10.1016/j.ijleo.2019.04.117	Yes 1.914	Yes

9	DPSK based low cost radio over fiber system for communication	Optical and Quantum Electronics 51, 150, (2019)	03068919, 1572817X 10.1007/s11082-019-1875-z	Yes 1.547	Yes
10	Thermal induced order fluctuations in carbon nanosystem with carbon nanotubes	Nano-Structures & Nano-Objects, 19, 100375 (2019)	2352-507X 10.1016/j.nanos.2019.100375	Yes	Yes
11	Order fluctuation induced tunable light emission from carbon nano system	International Nano Letters, 9(3), 221-229, (2019)	2008-9295 (Print) 2228-5326 (Online) 10.1007/s40089-019-0274-6.	Yes	Yes
12	Optical emission diagnosis of carbon nanoparticle incorporated chlorophyll for sensing applications	Photochemical & Photobiological Sciences 18, 1382-1388 (2019)	1474905X, 14749092 10.1039/c8pp00454d	Yes 2.408	Yes
13	Fractal Study on Saraswati Super-cluster	Indian Journal of Physics, 1-6 (2019)	□0973-1458 (print) 0974-9845 (online)  10.1007/s12648-019-01400-2	Yes 1.242	Yes
14	Tunable fluorescence from natural carbon source- Pandanus	Pramana- Journal of Physics, 92, 80 (2019)	0304-4289 (print) 0973-7111 (online)  10.1007/s12043-019-1755-x	Yes 1.185	Yes
15	Nonradiative analysis of adulteration in coconut oil by thermal lens technique	Applied Physics B, 125,113, (2019)	0946-2171 (Print) 1432-0649 (Online) 10.1007/s00340-019-7228-6	Yes 1.769	Yes
16	Fluorescent emission from a natural carbon matrix incorporating sodium	Journal of Materials Science: Materials in Electronics, 30(1), 508-517 (2019)	0957-4522 (Print) 1573-482X (Online) 10.1007/s10854-018-0316-2	Yes 2.195	Yes

## OTHER INSTITUTIONS

UGC-HUMAN RESOURCE DEVELOPMENT CENTRE

KARIAVATTOM – 695 581

Ph: 0471- 2308989 (O), Fax No: 0471-2412267

E-mail: hrdcunike@yahoo.com, Website: www.ugchrdc.in

**Name and Designation of the Director: Dr. S.V. Sudheer, Professor-Director**

**Number of Courses and Strength of Participants from 01-01-2019 to 31-12-2019 (University/College Teachers)**

No.	Name of courses	No. of courses	No. of participants
1.	Orientation Programmes	5	317
2.	Refresher Courses	12	656
3.	Short Term Programmes	7	372
4.	Special Summer/ Winter School Programmes	2	130
5.	Short Term Training Programme for University Assistant	4	109
6.	Principals' Meet	1	51
Total		31	1635

(One Orientation Programme and Two Short-Term Training Programme for University Assistants were funded by RUSA.)

### **Brief report of the participation of Teachers in conferences/Seminars etc.:**

31 courses consisting of Orientation Programmes, Refresher Courses, Special Summer School

Programme, Short Term Programmes and Training Programme for University Administrators, University / College teachers were conducted as per the UGC guidelines. Seminars are being conducted as a part of each programme. Since 1987, the total number of courses conducted by this HRDC is 762 and total number of participants attended is 29,065.

## KERALA UNIVERSITY LIBRARY

(Phone: 0471-2308844)

(E-mail: keralauniversitylibrary@gmail.com)

Kerala University Library was established in 1942 to provide teaching and learning support to academic community. The Library, located near the Senate House Campus of the University, functions from 8am to 8pm without break on all working days including second Saturdays. It holds about four lakhs academic books, wide range of scholarly and general periodicals, a treasure of e-journals and e-books spread over in a multistoried building with a plinth area of more than one lakh square feet.

University Librarian-in-charge **Dr. Ajikumari T**

### **Vision and Mission**

The library is having a clearly defined vision and mission statement for the strategic management processes for achieving the long term goals.

#### **Mission**

To foster Research & Development and provide teaching and learning support to the academic community.

#### **Vision**

- To transform the library into a potential knowledge resource centre with innovative technologies.
- As a centre of intense intellectual inquiry, the University Library shares with the University the aspiration to be the most dynamic learning environment in the world. In this desired future, the Library ensures that its collections remain forward-looking, diverse in breadth and form, open to browsing, and of world-renowned quality.
- Through promotion, the Library makes people aware of the resources available to them, and through innovation, it makes access to these resources easier.
- To serve future users, the Library preserves information across all formats and ensures effective storage and delivery systems.
- The Library's collaboration with expanding circles of partners yields unified access, broadening

knowledge, and enhanced services.

#### **Working days**

The Library works more than 340 days on an average, in a year.

#### **Working time**

8 am to 8 pm on week days and 2 pm to 8 pm on Sundays. Library functions on all days including second Saturdays and Sundays, except on public holidays.

### **Different Sections of the Kerala University Library**

#### **1. ACQUISITION SECTION**

**Head: Vijayalatha N**, Assistant Librarian - Gr.I

Acquisition section acquires and makes accessible resources necessary to enrich library collection. The aim of this section is to build up and maintain a collection that could meet the current and future needs of the users. The functions of this section include selection, ordering, receiving, processing of bills, accessioning and physical processing of the newly acquired documents. Books received as gifts, bound volumes of periodicals, theses received from the university are also accessioned and processed here. Works relating to the books reported as lost are also processed here. Procured documents are transferred to the technical section after processing.

During the beginning of the financial year the section collects requests from the heads of the teaching departments of the university and principals of various affiliated colleges for the purchase of the documents. These requests are placed before the book selection committee, which is constituted every year by the university, for approval. The Librarian takes the initiative in selecting the books of general nature, updating existing collection, enriching reference collection and textbooks. Suggestions from the different service section and the users of the library are also considered for selecting books. A team of senior library professionals visit book exhibition of different firms for spot selection documents.

A book selection committee was constituted to by the university under the chairmanship of the Vice-Chancellor to purchase books for the university library, campus library, departmental libraries and libraries of the study centres. It committee includes the following members:

1. The Vice Chancellor (chairman)
2. The Pro-Vice Chancellor
3. Dr.S.Nazeeb  
Convenor, Standing Committee of the Syndicate On Academics & Research
4. Dr.K G Gopchandran, Convenor, Standing Committee of the Syndicate on students Discipline
5. Dr.Jaya D.S, Dean, Faculty of Applied sciences & Technology
6. Dr.B S Jamuna, Dean, Faculty of Arts.
7. Dr.S Resia Beegum, Dean, Faculty of Commerce
8. Dr.Anita Balan, Dean, Faculty of Dentistry
9. Dr.Bindu R L, Dean, Faculty of Education
10. Dr.S.Anil Lal, Dean, Faculty of Engineering & Technology
11. Dr.Sobha B Nair, Dean, Faculty of Fine Arts
12. Dr.K.C Sunny, Dean, Faculty of Law

13. Dr.K.S Chandrasekhar, Dean, Faculty of Management Studies.
14. Dr.R Jayachandran, Dean, Faculty of Oriental Studies
15. Dr.A.Gangaprasad, Dean, Faculty of Science
16. Dr.R Sreekumar, Dean, Faculty of Ayurveda & Sidda
17. Dr.Jemini M, Dean, Faculty of Homoeopathy
18. Dr.P.A Muhammed Kunju, Dean, Faculty of Medicine
19. Dr.Usha Sujit Nair, Dean, Faculty of Physical Education
20. Dr.Shaji Varkey, Dean, Faculty of Social Sciences
21. Dr.Ajikumari T, Assistant Librarian in charge of University Librarian, Kerala University Library (Member Secretary)
22. Sri.Abdul Majeed E, Assistant Librarian Gr I in charge of Deputy Librarian, Campus Library

The Book Selection Committee meeting held on 12-12-2019 selected books from various publishers and from the list recommended by the heads of the departments. Details of collection added during this year are given below:

No. of volumes as on 31-12-2018	3,51,549
No. of books added in 2019	2,857
No. of bound volumes added during 2019	760
No. of PhD theses added during 2019	515
No. of books received as gift during 2019	192
Total no. of volumes added during 2019	4,324
Total collection as on 31-12-2019	<b>3,55,873</b>

#### **2. CIRCULATION SECTION**

**Head: Sunaja K**, Assistant Librarian Gr.I

Library membership is open to teachers, students, research scholars, research guides of the University of Kerala and its affiliated colleges, non-teaching staff of the university and its departments, members of the senate, Syndicate, faculties and board of studies, graduates of recognized universities residing in Kerala, recognized institutions and others at the discretion of the vice-chancellor. Kerala University Library has offered Eminent Scholar membership for those who have made outstanding contributions in the field of Science/ Social Science/ Humanities/ Arts etc.

Enrollment of members, renewal of membership, cancellation of membership, issue of clearance certificate/ non-liability certificate, issue of duplicate membership cards and borrowers tickets against the lost cards, issue of attendance certificate to visiting research scholars and teachers, collection of overdue charges, membership fee, membership deposit, annual fee, cost of lost books and other fines, issue, return and renewal of books are the major functions of this section. Temporary permission are also given for reading, reference, information search and for other information products and services of the library on payments of necessary fee and a valid ID with the permission of the University Librarian-in-charge. The statistics shows that 1862 membership renewed, 3679 memberships are withdrawn and 3769 new members enrolled during 2019.

**New Members enrolled in 2019**

Sl.No.	Membership Category	New Members	Total Members
1	Students	2643	23,118
2	Research Scholars	234	1,842
3	Teachers	53	572
4	Institutional Members	0	17
5	Non-Teaching Staff of the University	47	537
6	Library Staff	3	41
7	Eminent Scholars	1	7
8	Public Graduate Members	786	20,708
9	Retired Staff, Faculty	2	51
	<b>Total</b>	<b>3769</b>	<b>46,893</b>

Membership renewed during the year 2019 - **1862**

Membership cancelled during the year 2019- **3679**

**3. DOCUMENTATION & INFORMATION SERVICES SECTION**

**Head: Ruby Joseph**, Assistant Librarian - Gr.I

Documentation and Information Services Section is organized to provide Bibliographical and Information Services to meet the increasing requirements of research scholars and students of University community. Besides books, a lot of literature on Kerala

appears in periodicals and journals and it was felt that an indexing journal would facilitate the location of the widely scattered literature in the periodicals. Kerala Index, a quarterly publication of Kerala University Library, is an index of articles relating to Kerala appearing in select newspapers, popular magazines and journals received in the library.

**The different activities of the section are the following:**

Publication of Kerala Index:

Compilation of Kerala Index is regularly being done by this section. Newspapers, periodicals and journals covered are:

മലയാളം	English	Newspapers
മാതൃഭൂമി പച്ചക്കുതിര ഭാഷാപോഷിണി കലാകൗമുദി ദേശാഭിമാനി സമകാലികമലയാളം മാധ്യമം ഗ്രന്ഥാലോകം വിജ്ഞാനകരളി ജനപഥം കവനകൗമുദി മലയാളം റിസർച്ച് ജേണൽ യോജന പടയാളി സമയം സാഹിത്യവിമർശനം സാഹിത്യപോഷിണി സാഹിത്യലോകം ധനം മാതൃഭൂമി ആരോഗ്യമാസിക	Economic & Political Weekly India Today Kerala Calling Kurukshetra Main Stream Outlook The Week Yojana	Hindu Indian Express Kerala Kourmudi Malayala Manorama Mathrubhumi Times of India(Kerala Edition)

### **Exhibitions:**

Exhibitions are conducted on particular incidents and occasions to bring the resources of the library to the attention of the user's concerned. Four exhibitions were conducted during this year.

- (1) Exhibition on Prof.S.Guptan Nair from 26<sup>th</sup> August to 7<sup>th</sup>September 2019 in connection with his **Birth Centenary**.
- (2) Exhibition on Sri. Anand (P.Sachidanandan) from 14<sup>th</sup>November to 28<sup>th</sup>November 2019 in connection with winning of **Ezhuthachan Puraskaram**.
- (3) Exhibition of new arrivals from 18<sup>th</sup> November to 28<sup>th</sup> November in connection with **National Library week**
- (4) Exhibition on Sri. Akkitham Achuthan Namboothiri from 4<sup>th</sup> December to 18<sup>th</sup> December 2019 in connection with winning of **Jnanapeetam Puraskaram**.

### **Orientation Programme:**

Orientation programmes were conducted for Library Science students from various Institutions.

### **Reprographic Services:**

Reprographic services were provided from 10am to 5pm to users. User education services were rendered as and when required.

## **4. INFORMATION TECHNOLOGY SECTION & E-RESOURCE CENTRE**

**Head: Dr. H. Majeed**, Assistant Librarian Gr. I

The single force that has brought revolutionary changes in the functioning of the Kerala University Library is Information Technology. Kerala University Library uses Information technology to increase the efficiency and effectiveness of its operations and services with its immense capabilities of acquiring, storing, processing, retrieving and disseminating information with high speed and accuracy

The Information Technology Section of the Kerala University Library was established with the objective of providing IT oriented information services to the user community. This section is responsible for the development, management and maintenance of a flexible and reliable technology environment for promoting and advancing the application of information and computing technologies in the library services. The primary function is applications of IT for supporting access to and delivery of information to the clientele. Acquisition and management of digital collections and access tools, development and support of server-based technologies for the delivery of library services, maintenance and updating of online library catalogues etc are the other important responsibilities of this section.

The IT section is also responsible for the maintenance and updation of databases of books, theses, back volumes of periodicals etc. All sections of the library are being inter-connected through Local Area Network and Wi-Fi facility is enabled in the library campus. The library website is ([www.kulib.in](http://www.kulib.in)) which is used for meeting the demand put on it for getting 24/7 access to the resources, is also maintained by this

section. The Online Public Access Catalogue (OPAC) -the electronic version of the traditional catalogue-maintained by this section, which enables people from any part of world to search the library database through Internet. The entire library operations are carried out using the open source software KOHA, and different housekeeping operations of the Library are fully computerised.

The Library is using one GBPS Internet connectivity from NKN/ NIC through BSNL and this connectivity is the backbone of the all the library networks and Library Wi-Fi. The digital library services to the research scholars and students, which include E-Journals, E-Books, electronic databases, OPAC etc are provided online now. More than 60 computers are connected to this network through Ethernet cables and through Wi-Fi, several connections are given to portable devices of research scholars and other library members.

The IT section is responsible for uploading PhD theses submitted by scholars of Kerala University to Shodhganga, the repository of PhD theses submitted to the universities in India that is hosted and maintained by UGC IFLIBNET Centre, to root out plagiarism and to share the knowledge. Already 2983 Ph.D theses were uploaded and the work is in progress. URKUND software is being used for checking plagiarism in Ph.D theses and M.Phil dissertations submitted to the University, against Internet, published material such as journals, books etc. and previously submitted theses and dissertations. I.T. Section is coordinating the plagiarism checking process of the University by providing facilities and assistance to the teaching departments/faculties of the University.

The Kerala University Library E-Resource Centre is participating with the e-ShodhSindu, the consortia initiative by IFNLIBNET to provide access to qualitative electronic resources including full-text, bibliographic and factual databases to academic institutions at a lower rates of subscription. More than 14,000 electronic journals and 6 databases are available in the consortia. In addition, the library subscribing to may useful e-journal and e-book platforms like IEEEExplore, Chemical Abstract, Library and Information Science Abstract (LISA), Indianjournals.com, EPWRF India Time Series, Wiley E-Books, Cambridge digital books etc., using its own fund. NotNul, the leading E-resource platform for Hindi literature is now being enabled in the campus-wide network. Besides, access to UN and World Bank E-Library service is provided in the E-Resource Centre. The centre has shown tremendous growth in the number of visitors and in the number of full text articles downloaded from databases.

Access to Grammarly software -the digital writing tool using artificial intelligence and natural language processing for grammar checking, spell checking, and plagiarism detection services along with suggestions about writing clarity, concision, vocabulary, delivery style, and tone- is enabled from October 2019.

The ongoing project 'Digitization of rare books, periodicals and gray literature in the University Library' is making headway. The project for

implementing computing and library facility to help the visually challenged library users is nearing completion, and the service will be commenced soon. RFID tagging of the entire library collection is progressing. More than 85,000 books are affixed with RFID tags programmed with identification and security information. Acquiring of hardware required for the RFID project is completed and it will be installed shortly.

Various orientation programmes for enabling the research scholars and students for effectively utilizing e-resources were conducted in the e-Resource Centre. During the report year several demonstrations were conducted in the IT section for the faculty members for enabling them in plagiarism checking. Awareness programmes were also conducted on request for the research scholars on technical and rightful writings. More than 50 PhD theses and MPhil dissertations were checked for plagiarism in the IT section. 17 new accounts were created in the URKUND anti-plagiarism software in this period.

## 5. KERALA REFERENCE SECTION

**Head: Jayasree. S,** Assistant Librarian Gr.I

Kerala Reference section was initiated during 1973, primarily for fostering research in the field of history, science, medicine, art, culture, heritage, language, literature, economy and politics of Kerala. The document collection includes books, back volumes of prominent Malayalam periodicals, gazettes, census reports and technical reports. The section has a strong collection of Malayalam literature from the earliest known literary work in Malayalam the '*Ramacharitam*', an epic poem written during the 13<sup>th</sup> century to the latest works of the current year. '*Hortus Malabaricus*', a comprehensive treatise in 12 volumes in Latin that deals with the medicinal properties of the flora in the Indian state of Kerala is also an added attraction. Its translations in English and Malayalam are also available here. The section houses most of the works of the eminent writers in Malayalam. Translations of prominent writers in other languages including foreign, in Malayalam are also available in the collection. Besides Malayalam literature, books on Ayurveda, Religion, Philosophy, Anthropology, Culture, Education, Art and Architecture of Kerala are also included.

The section has a comprehensive and specialized collection of rare and old documents even from 18<sup>th</sup> century onwards, which are not available elsewhere. Rare documents such as '*Kristhyanikal ariyendum samkshepavedartham*'; the first printed book in Malayalam published in 1772; '*Kasiyatra rappotta*', an old travelogue (1872), '*Varthamana pusthakam*' vol.1 (1936), the Census of Travancore 1891-1951; Acts and proclamation of Travancore ; Report on the Administration of Travancore from 1866 onwards are available in the section. The collection also includes some of the old Malayalam and English journals of the 19<sup>th</sup> and early 20<sup>th</sup> centuries. Most of these rare documents have been digitized and kept in the digital archive.

Digitization, a major project of the Kerala University Library is being carried out in the section. The rare

documents are scanned, edited, indexed and uploaded in the archive using the LIDAS (Library Digitization and Archival System)) software which could be effectively retrieved by using the keywords contained in the documents. Separate terminals are provided to the users to search the digital archive. The users of the archive constitute not only the research scholars and faculty of this university but scholars from India and even from abroad. A nominal charge of Rs.2 per page for print outs and Rs.1 per page for copying in CDs is collected from its users. Kerala Reference section is providing personalized information dissemination services, since most of the scholars approach with specific subject requirements.

In 2019, 317 books and 60 bound volumes of periodicals are added to the collection. Now this section has approximately 52453 volumes which are of immense value to the scholars. The section also houses the collections donated by Dr. K.M. George and Sooranadu Kunjan Pillai which are constantly used by the researchers.

## 6. MAINTENANCE SECTION

**Head: Smitha M R,** Assistant Librarian - Gr.I

Maintenance section is the most important and largest section of the library, where books are properly shelved and arranged according to the sixth revised edition of Colon Classification. Each book is assigned a call number. Now the library is practising open access system.

This section houses:

- General collection of books related to the subjects.
- Collection of rare books
- Women studies collection
- Gandhian studies
- Government publication collection
- Collection of biographies
- Back volumes of important newspapers in English and Malayalam
- Back volume of science periodicals

The whole collection is arranged in four floors

- **Ground floor:** Comprises of live collection of books in all subjects.
- **I floor:** Comprises of live collection 1 (LC1) of books in all subjects.
- **II floor:** Comprises of Biographies, Gandhian studies, Back volumes of newspapers in English and Malayalam since 1960, Bound volumes of science journals.
- **III floor:** Comprises of Closed Reference (CR) only and 41,272 books are kept as weeded documents.

Main functions of the Maintenance Section are:

1. Issue of books- A total of 45,790 books were issued during the period of January 2019 to December 2019.
2. Rectification of books and shelving: On an average 1600 books are replaced and 500 books are issued daily.
3. Maintenance of Bound volumes of newspapers, science periodicals, government publications



etc. On an average 40 readers consult the back volumes of journals and bound volumes of newspapers.

4. CR Collection: A very large number of rare and old editions of books are kept in the III<sup>rd</sup> floor of the stack room and are marked as CR (Closed Reference) Collection and are open to the users on special permission of the librarian.
5. Cataloguing: Cataloguing is also a main function of this section. In addition to the manual type, electronic version of the catalogue is also available OPAC (Online Public Access Catalogue). Alphabetical and classified parts of the catalogues are also maintained. Catalogues for Malayalam books are kept separately.
6. RFID: Radio Frequency Identification of books is currently undergoing in this section. This work is undertaken by KELTRON. The target is to tag a total of two lakh fifty thousand books.
7. Dissertation Abstract: A separate section is provided for the bound volumes of dissertation abstracts.
8. Binding: Minor mending of books is done by the maintenance section itself. Annual binding of damaged books are undertaken by other agencies and this year a total number of 667 books were repaired.
9. Collection: The maintenance section added 1699 books during the period January -December 2019.

## 7. PERIODICAL SECTION

**Head: Sheeja B.S,** Assistant Librarian

The Periodical Section is one of the nerve center of Kerala University Library where required information could be found in journals, magazines, newspapers and other serial literature. The Periodicals Section is primarily concerned with the selection, subscription and recording of Indian and International periodicals both print and online, E-journals, popular magazines and newspapers.

The section is rich in its context with the wide range of subject periodicals (published in India and abroad), popular magazines and newspapers. The collection includes significant Abstracting periodicals such as SciFinderUnlimited Access Plan (Online) and ProQuest Dissertation Abstracts International Part A& B (Online). RSC Online Educational Journals, Emerald and Wiley E Journalsetc. are part of the collection.

Science Direct, one of the world's leading source of scientific and technical information is also part of our online collection. We have subscribed the two subject collections of Science Direct namely Earth and Planetary Sciences plus Environmental Science during 2019 also. Subscription to most of the International Journals are carried out directly whereas a few E-journals are subscribed via Indian agents like Allied Publishers Subscription Agency. Direct subscription is followed for Indian periodicals. The Newspapers and Popular Magazines are purchased through a local agent.

### Collection in the Periodical Section:

(a) Indian Periodicals (Print)	-	240
(b) International Periodicals (Print)	-	19
(c) Abstracts		
(i) Indian (Print)	-	2
(ii) International (Online)	-	3
(d) Newspapers		
(i) English	-	7
(iii) Malayalam	-	10
Malayalam Gift	-	4
(iv) Tamil	-	2
(e) Popular Magazines	-	50

Due to the change in policy, we have to made payment for some of the important online journal packages of INFLIBNET Consortia from 2018 onwards. They are Wiley Online Journals, Indian Institute of Physics Journals, Emerald e-ShodhSindhu special 138 package and Royal Society of Chemistry etc.

The details of important online journals, software and databases available in the library are given below:

Sl. No.	Product	Agency/Publisher	Period
1	RSC Online Educational Journals	Allied Publishers (Royal Society of Chemistry)	January 2019-December 2019
2	Grammarly Premium Single Access / Single Admin	Bridge People Technology Solutions Pvt. Ltd.	January 2019-December 2024
3	Emerald E Journal Collection	Emerald	January 2019 – December 2019
4	SciFinder Academic Unlimited Access Plan	Chemical Abstracts Service	April 2019-May 2019 & October 2019 to June 2020
5	Wiley E-journal Collection	Allied Publishers (Wiley)	January 2019-December 2019
6	IOP Science Journal Collection	Allied Publishers (IOP)	January 2019-December 2019
7	Proquest Dissertation and Theses Part A & B	Allied Publishers	Jan 2020-Dec 2020
8	Indian Journals.com	Diva Enterprises	Jan 2018- Dec 2022

List of both International and Indian periodicals subscribing are circulated in all Departments and received recommendations for renewal of International journals.

The list of International journals both print and online for which the subscription amount exceeds one lakh had placed before the Library Advisory Committee and sanctioned for renewal.

The new Indian periodicals added during 2019 are as follows:

1. ILIS journal of Librarianship and Informatics
2. India Time Series
3. Notnul Database Subscription for Hindi
4. Kerala Library Association Journals of Information Science and Technology
5. Information Studies

The section also undertakes the binding work of subscribed International and Indian periodicals, important regular gift periodicals, 5 leading Newspapers and Kerala Gazettes. The amount allocated for binding charges under the head of account Non-Plan for 2018-19 was Rs.3,50,000/- and had done the binding work for Rs.3,49,965/-.

In response to the growing demands of the users, through its novel services the section attracts an average of 300-350 members on a daily basis.

## 8. REFERENCE SECTION

**Section Head: Lenitha S**, Assistant Librarian Gr II

Reference Section, a subsystem of the Kerala University Library plays a vital role in fulfilling the greater mission of the library through personal assistance to all categories of its users. The section holds the following collections.

- A heterogeneous collection of reference sources in all branches of knowledge.
- A valuable collection of Encyclopaedias, Dictionaries, Yearbooks, Manuals, Biographical Sources, Directories, Geographical Sources, Almanacs etc.
- Textbook collection prescribed by the university for different courses of study.
- Study materials for various competitive examinations with special emphasis on Civil Services, UGC/NET, Bank, GATE, CAT, MAT, UPSC, KPSC etc.
- Syllabi of various courses conducted by the university.
- Question papers of previous years examinations held by the university.
- Section maintains a special collection of Rare Materials, Art books etc under R collection.
- R Varghese collection (RV) are kept in locked almirahs.
- A Special collection TB (BAH) based on the syllabus of the BA Honours degree of the university.
- The gift collection from the consulate of united Arab Emirates authored by Dr. Sultan Bin Muhammed Al-Qasini is kept under the collection name 'RSN'. This collection consists of different subject books translated in different languages.

## Services Rendered

Textbooks are issued for reference, xeroxing and overnight loan for students. Previous years question papers and syllabi of courses are also issued for xeroxing. Students of Library and Information Science courses from various institutions use this section for training and practice to complete their course and here we give personal assistance and guidance in using catalogues, locating books and use of various reference sources.

The new titles added to this section is about **390** volumes in the reported year which includes both subject titles and competitive examination titles. The new additions are kept on the display rack for one week and a collection of rare books of selected topics are used to keep on display for a specific period. The list of such books is displayed on the notice board.

When new editions of text books are received the old editions are returned to Technical Section for making necessary changes in data and are send to general collection for circulation. During this year **83** volumes from the collection of BA Honours textbooks were transferred to general collection for the benefit of students attending this course. Beside this, **50** back volumes of competitive examination books were also transferred to Closed Reference Section (CR) of the library in the reported year.

An average of **100-150** patrons utilize this section per day. Attending reference queries and locating information as per request forms part of regular work of this section.

## 9. RESEARCH SECTION

**Head in-charge : Sheenakumari P K**  
Assistant Librarian Gr.II

The Research section consists of two sub sections -Thesis reference section and PhD Registration section. The reference section contains two sets of collections: Thesis collection and bound volumes of social science journals. Thesis collection is maintained in a separate hall under the control and supervision of Library professionals. The collection contains thesis of all disciplines which have been awarded PhD degree by the University of Kerala. During the year 2019, Centre has added 198 theses to the existing collection and at present total number of theses available is 6272.

The Research Section remains open on all working days including Second Saturdays from 10.15 AM to 5.15 PM. The section is exclusively meant for Research Scholars and teaching faculties of the University of Kerala. However, Research scholars from other Universities are also permitted to visit and refer theses.

The Research Centre offers services as maintaining the daily attendance of the full -time research scholars, processing of their fellowship bills, providing facilities to conduct pre-submission seminars and Open Defence to those scholars who do not have any centre to conduct open defence.

In the year 2019, there are 26 Full-time scholars including 1 FDP and 326 part-time scholars doing research in this centre. Total 30 students were submitted thesis during the year 2019 including Part-time scholars.

Subject wise details of total number of scholars submitted thesis during the year 2019 are given in the following table:

Sl. No	Subject	No. of theses
1.	Commerce	5
2	Economics	1
3	Education	1
4	English	5
5	Hindi	2
6	Psychology	1
7	History	3
8	Management studies	2
9	Malayalam	6
10	Mathematics	2
11	Computer science Engineering	1
12	Statistics	1
Total		30

During the year 2019, the Centre has conducted 5 Open Defence in the following subjects.

#### **Open-defence**

##### **Subject No. of students**

Geography	3
Performing & Visual Arts	1
Computer Science Engineering	1
<b>Total</b>	<b>5</b>

As per the agreement with INFLIBNET project "Shodhganga"- A Digital Repository of Electronic theses, the Centre is uploading soft copies of theses to the INFLIBNET. The digitization of PhD thesis has been started during the year 2014, which was outsourced to BAeHAL, Bangalore. During the year 2019, we have uploaded 2983 theses to SHODHGANGA and are made available in the INFLIBNET website.

#### **10. TECHNICAL SECTION**

**Head: Vimala Michael**, Assistant Librarian - Gr.I

This section is mainly concerned with the classification, cataloguing and other technical process relating to books, Ph.D theses, bound volumes of periodicals etc. Updating of OPAC, preparation of catalogue cards, chronology index, records of missing books etc. are done in the Technical Section.

Newly processed books are released for issue on the first working day of every week. A list of these books, ie, the "New Addition List" is displayed in the notice board in the various sections. The copies of this list are also sent to the Study Centres and to some dignitaries of the University for information.

Details of the activities of the section during the year 2019 are given below:

#### **Total number of Books processed from Technical Section and released to various sections during the year 2019**

• Maintenance Section	-	1682
• Reference Section	-	390
• Kerala Studies	-	317
• Total Books Processed	-	2389
• Theses Processed	-	181
• Journals Processed	-	700
• Number of CD ROM added	-	16

#### **11. UNITED NATIONS AND WORLD BANK (DEPOSITORIES) SECTION**

**Dr.P.K Suresh Kumar**, Assistant Librarian

UN Publications: Kerala University Library is the only one depository of UN and World Bank Publications in Kerala. The library has received books, periodicals, reports, conference proceedings, working papers from United Nations and its official organs including UN General Assembly, Security Council, Economic and Social Council etc. Some of the titles are received both in printed and electronic forms.

Important titles added to UNcollection during the current year are: Handbook of statistics-2018, The least developed countries report 2018, Yearbook of the International Law Commission,, Human rights and constitution making, UNECE Countries in figures-2019, International accounting and reporting issues 2018 Review, Key statistics and trends in international trade 2018, Innovation for sustainable development, World Investment Report 2019, State of Commodity dependencies 2019, Economic development of Africa Report 2019, Digital economic report 2019, The least developed countries report 2019 etc.

This year we have paid USD 125/-(Approx. Rs.8,870/-) towards the renewal of depository library contract for the year 2019 which include the deposit fee and the cost of printed United Nations publications.

Our library offers inter library loan (ILL) facility to its members. Also, users are enjoying online access to UN/WB publications.

World Bank Publications: Kerala University Library is one of the important depositories of World Bank Publications. Many publications of World Bank along with pamphlets, monographs, periodicals, books and reports have been received during the year. Some of the important titles added during the year are: Greening India's growth, Annual report 2018, Productivity revisited, Poverty and shared prosperity 2018, Doing Business 2019, World Development Report 2019 etc.

We have paid USD 1800/- (Approx. Rs.1,27,727/-) towards the subscription of World Bank Group publications in print for the year 2019. We hope to get more journals and books from World Bank.

It was estimated that more than 3000 users were used the materials of UN/WB during the current year. Our user community includes social activists, academicians, researchers, eminent scholars, foreigners, legal professionals, top government officials and students. The main attraction of UN/WB collection is that the documents are classified according to Dewey Decimal Classification (DDC) and the bibliographic information are available in the OPAC of Koha, an open source library management system recently installed in the Kerala University Library.

#### Report of UN Day Celebrations-2019 and Exhibition of UN & World bank Publications

Kerala University Library had celebrated the UN day on 24th October 2019 with an inauguration function and an exhibition of UN and World Bank publications at the Kerala University Library. The function was inaugurated by Prof. (Dr.) P. P. Ajayakumar, Hon'ble Pro-Vice Chancellor, University of Kerala. It was presided over by Dr. T. Ajikumari, University Librarian-in-charge, Kerala University Library. Keynote address was made by Dr. N. Gopakumaran Nair, Head of the Department of History, University College, Thiruvananthapuram on the topic **"The Role of UN in the present world"**. The felicitation address was made by Adv. K. H. Babujan, Member Syndicate, University of Kerala. Dr. P.K Suresh Kumar, Assistant Librarian and Head of UN & World Bank Section, Kerala University Library has made the welcome speech and Shri. E. Abdul Majeed, Deputy librarian-in-charge, Campus Library, Kariavattom, University of Kerala offered Vote of thanks.

An exhibition of UN and World Bank publications and Posters were organized for two weeks from 24th to 7th November 2019 at UN & WB section of the Kerala University Library. The publications exhibited include Basic facts of United Nations, Country Studies, Development, Environment, Population, Security, Women's Studies, Health Economic reforms, Energy, Agriculture, Disaster Management, Gender studies, World Bank Policy working paper etc.. Many students, Research Scholars, Faculty members and general public had observed and well appreciated the exhibition. There was a valedictory function at the Kerala University Library in connection with the exhibition of UN & WB publications on 6th November 2019 at 2.30 pm. Adv. Ajith Joy, Former IPS & Former Country Manager, UN has made a lecture on the topic

**"Making a Career in the United Nations"**. The book exhibition and posters help the readers to have a deeper knowledge about various documents available in the UN/WB section. Hundreds of research scholars, teachers, students and public viewed the exhibition and mark their suggestions. The suggestions made by the users will help us to organize extensive activities in the coming years. The inaugural function and Exhibition got wide coverage in the news media.

#### KERALA UNIVERSITY STUDY & RESEARCH CENTRE LIBRARY, ALAPPUZHA

**Centre in-charge:** Resmi Sara Thomas, Assistant Librarian Gr-II

Kerala university study centre library is upgraded as Study and Research Centre since November 2<sup>nd</sup> 2019. The reference library has 5625 reference books covering various disciplines of Arts, Science and Commerce streams which cater to the information and research needs of students, teachers and research scholars. As part of "University New Development Programme" an amount of Rs.11,98,000 earmarked for collection building was fully utilized. One thousand one hundred and two (1102) books were added to the collection after December 2018. In addition to that, an order for another 200 books was placed by utilizing the usual study centre fund for book purchase.

The collection includes variety of foreign books and career-related books for the preparation of competitive exams like IAS, KAS, UGC NET, CSIR etc. The books are arranged subject-wise in new glass-fronted steel cabinets purchased as part of the modernization of the library. The damaged chairs and tables were repaired for providing a seating facility for more than 100 readers. New wooden tables, chairs and furniture added comfort to the reader friendly ambience of the library. There are four newspapers subscribed in the library, among which two are English.

A reference membership is open for all those who wish to read. The users were given ID cards by remitting a fee of Rs.25/- in the new cash counter at the information centre. Within two months, there has been 40 members registered for reference membership.

As an initial step for digitizing the library collection, two computers were installed with Internet connection. In addition to multi-disciplinary journal (SAJOSPS), an e-journal access is also provided. A proposal for installing Library Management Software and technical processing of the library is forwarded to the authority for necessary action.

#### **STUDY CENTRE LIBRARY, KOLLAM**

**Centre in-charge:** Dr Jalajakumari C, Assistant Librarian

The Kerala University Study Centre Library, Kollam is functioning at SreeNarayana College Campus, Kollam. It continues to serve the information needs of the students and teaching faculty of colleges in and around Kollam District. The library collection includes books and journals. Collection comprises multiple copies of books in various disciplines prescribed for graduate and Post-graduate courses. A good collection of reference books is the main attraction of the Study Centre. Materials for different competitive examinations such as Civil service, UGC-NET, Staff Selection Commission, BSRB and RRB are also available in the Centre.

No. of books as on 31-12-2018	No. of books added during 2019	No. of books as on 31-12-2019	No. of books consulted in 2019
4993	97	5090	1022

### STUDY CENTRE LIBRARY, PANDALAM

**Centre in-charge: Beena A Sarasam**, Reference Assistant

Kerala university study & Research centre at Pandalam, functioning in the University Building behind NSS College, Pandalam since the year 1993. This is a Reference Library, having books in various subjects such as Science, Technology, Arts, Literature and Humanities. The students, teachers and Researchers nearby colleges are well served by the centre. The centre has a good collection of study materials for competitive exams such as civil services, CAT, MAT, PSC, UPSC, UGC, NET, Bank Test ect. The entire collections also cater to the needs of Distance Education Students. SAJOSPS journal is also subscribed for the centre.

- Total number of books as on December 2019 - 1871
- Books added in the year - 227
- No of readers during the year - 613
- No. of Journals - 1
- Back years question papers available for CBCSS BA, BSc, BCom, BEd., MA and MSc Courses
- Total Amount Spend - ₹ 1,48,000/-

#### LIBRARY EXTENSION ACTIVITIES

##### Orientation Programmes

- 1) Grammarly software Training and orientation conducted for Teachers, students and Research Scholars in the University of Kerala on 17<sup>th</sup> October 2019 at Botany Department Hall.
- 2) Orientation Programme conducted for the students of Department of History, University College on 05/11/2019, University Library.

##### Exhibitions:

Exhibitions are conducted on particular incidents and occasions to bring the resources of the library to the attention of the user's concerned. Five exhibitions were conducted during this year.

- (1) Exhibition on Prof.S.Guptan Nair from 26<sup>th</sup> August to 7<sup>th</sup> September 2019 in connection with his **Birth Centenary**.
- (2) UN Day Exhibition conducted from 24/10/2019 to 07/11/2019.
- (3) Exhibition on Sri. Anand (P.Sachidanandan) from 14<sup>th</sup> November to 28<sup>th</sup> November 2019 in connection with winning of **Ezhuthachan Puraskaram**.
- (4) Exhibition of new arrivals from 18<sup>th</sup> November to 28<sup>th</sup> November in connection with **National Library week**
- (5) Exhibition on Sri. Akkitham Achuthan Namboothiri from 4<sup>th</sup> December to 18<sup>th</sup> December 2019 in connection with winning of **Jnanapeetam Puraskaram**.

##### Days Observed :

- 1) Reading day was Celebrated on 19<sup>th</sup> June 2019. The function was inaugurated by the Registrar Dr.C R Prasad and the Keynote address was given by Assistant Professor Dr.MM Siddique on the topic " Vayanayude Samskarika Parisaram".
- 2) **UN Day Celebration Inaugurated on 24/10/2019**
- 3) **UN Day Celebration: Talk by Adv.Ajith Joy, IPS on 6<sup>th</sup> November 2019**
- 4) Madhumathy Endowment Essay Competition conducted on 25<sup>th</sup> November 2019 on the topic "Navamadhyma samskarathil vayanayude prasakthi".
- 5) National Library week: Valedictory ceremony on 28<sup>th</sup> November 2019 inaugurated by the Vice Chancellor Prof.(Dr.) V.P Mahadevan Pillai and the Keynote address was given by Sri.Pramod Payyanoor, Director, Bharat Bhavan, Tvpm.

##### **PROFESSIONAL ADVANCEMENT ACTIVITIES**

##### **Dr. Ajikumari T, Assistant Librarian (University Librarian – in-charge)**

- Participated in the National Conference on "Innovations and Transformations in Library (NCITL-2019) organized by University of Calicut from 22/02/2019 to 23/02/2019.
- Attended the Library Advisory Committee meeting of Kannur University Library on 2<sup>nd</sup> April 2019.
- Served as a Subject Expert for the selection of Library Interns in Govt. College Attingal on 7<sup>th</sup> July 2019.
- Participated in National Workshop on National Digital Library India (NDIL-CLUB) held at State Central Library, Kerala on 12<sup>th</sup> July 2019.
- Served as a Subject Expert for the selection of Library Assistant on contract basis for Kerala University Library system from 12<sup>th</sup> November 2019 to 13<sup>th</sup> November 2019 at Pro-Vice Chancellor's Chamber, University of Kerala.
- Served as a Subject Expert in the interview for the post of Library Assistant on contract basis for UIT Centres, University of Kerala on 23<sup>rd</sup> November 2019 at Pro-Vice Chancellor's Chamber, University of Kerala.
- Published an article titled "Use of Social Networking Tools Among Research Scholars in the University of Kerala: an analytical study" in KELPRO Bulletin Vol.23.No.2 December 2019.

##### **Dr. Majeed H, Assistant Librarian**

- Dr. H. Majeed, Assistant Librarian, has participated the 4<sup>th</sup> Librarian Appreciation Day on 23<sup>rd</sup> August 2019 at Kolkata, organized by M/s. Royal Society of Chemistry.
- Dr. H. Majeed, Assistant Librarian participated in Regional Training Programme on Plagiarism

Detection Software (PDS-URKUND) held at CUSAT Cochin on 27<sup>th</sup> August, 2019.

**Dr.PK Suresh Kumar, Assistant Librarian**

#### Edited Book/ Journal

□ Edited the book entitled “*Corporate and Media Librarianship: A Prelude*”. Kerala Library Association Trivandrum, 2019

□ Edited the Journal “*KLA Journal of Information Science & Technology*” 1 (2) January 2019

#### 1. Journal Articles

□ Suresh Kuamr, P. K (2019). Similarity Index of Doctoral Theses Submitted to Universities in Kerala. *Library Philosophy and Practice (e-journal)*, 2130, p.1 - 10,

□ Suresh Kumar,PK&Sajith, G (2019) Application of Radio Frequency Identification Technology (RFID) in State Central Library, Thiruvananthapuram: A critical evaluation. *KLA Journal of Information Science & Technology*, 1(2), 32-40

□ Suresh Kumar, PK &Sofiya, A (2019). Application of Green Concepts in the libraries of Thiruvananthapuram: an investigation. *Library Philosophy and Practice (e-journal)*, 2976, May 2019

#### 3.Chapters in Book

□ Suresh Kumar, P.K &Sophy Zacharias (2019). *Dependency of electronic resources by media professionals of Thiruvananthapuram Press Club : an investigation*. In Corporate and Media Librarianship : A prelude. Edited by Vijayakuamr, K.P ; P.K Suresh Kumar &Sriram,V. Trivandrum: Kerala Library Association, p.68-84.

□ Suresh Kumar, P.K& Asha Lijin(2019). *Digital literacy of LIS professionals in the Kerala University Library and State Central Library: A comparative analysis*. In Corporate and Media Librarianship : A prelude. Edited by Vijayakuamr, K.P ; P.K Suresh Kumar &Sriram,V. Trivandrum: Kerala Library Association, p.271-289.

□ Suresh Kumar, P.K (2019). *Information Retrieval Systems*. In Encyclopaedia of Information, Edited by G. Devarajan. New Delhi, ESS ESS Publications, p.195-210.

□ Suresh Kumar, P.K (2019). *Information Commons*. In Encyclopaedia of Information, Edited by G. Devarajan. New Delhi, ESS ESS Publications, p.60-65.

□ Suresh Kumar, P.K (2019) “Library and Information Services for Visually Challenged users: A proposal”, In K. Mohamed Haneefa and T.M Vasudevan (Eds). *Innovations and Transformations in Libraries*, p. 304 - 321,

#### 1. Training programmes/ Seminars / Subject Expert in Interview attended:

□ Attended UGC Sponsored **Refresher Course in Library and Information Science** conducted by UGC-HRDC, University of Kerala from 06.11.2019 to 19.11.2019- A Grade

□ Subject Expert in the **interview for the selection of Librarian at State Central Library**

at Centre for Management Studies (CMD), Thiruvananthapuram

□ Resource person for the **training for office and Library management to the librarians working in Kerala State Local Administration Departments**. Lesson Plan preparation, Module preparation, Training of Trainers etc. organised by Kerala Institute of Local Administration (KILA), Thrissu on 24.09.2019r

□ Invited talk on “**Web Archiving in the Universities in Kerala: A comparative analysis**” in a National Conference on Innovations and Transformations in Libraries (NCITL 2019) to be held at Calicut University during 22–23 February 2019

□ Delivered a lecture on “**Searching online database/ resources for teaching, learning and research**” in Morning Star Home Science College, Angamaly on March 12th 2019

□ Conducted class on “**E-Resources for teaching learning and research**” organised by the Department of History, University College, Trivandrum on 03.07.2019

□ Attended a **Technical Committee Meeting on Library Computerisation** of the Department of Industries & Commerce at Kerala Institute for Entrepreneurship Development (KIED) on 09.04.2019.

□ Participated in the **State Leadership Camp 2019**, organised by Federation of All Kerala University Employees Organisations from 25<sup>th</sup> 27<sup>th</sup> January 2019 held at Rajiv Gandhi Institute of Development Studies, Neyyadam, Trivandrum

□ Attended **National Workshop on Koha**, organised by Kerala Library Association, Computer Centre, University of Kerala from 11-12 May 2019

□ Participated in the **Workshop on NDLI CLUB** held at State Central Library, Trivandrum organised by National Digital Library of India in Collaboration with State Central Library and P.N. Panicker Foundation on 12<sup>th</sup> July 2019

□ Attended the Regional Training Programme on “**Plagiarism Detection Software (PDS-URKUND)**” under the aegis of MHRD jointly organised by Cochin University of Science and Technology and INFLIBNET held at University Library, CUSAT on 27th August 2019,

□ Attended one day workshop on “**Office and Library Management Training to Librarians of LSGI's**” on 24.09.2019 at KILA, Thrissur

□ As a Resource Person in the **Training of Trainers (TOT)** for the training of librarians working in Kerala State Local Administration, Organised by Kerala Institute of Local Administration, KILA, Thrissur on 26-27November 2019

□ As a Resource Person in the State Level Workshop on “**Research Methodology with special reference to Plagiarism**” organized by Scott Christian College (Autonomous), Nagercoil, Tamil Nadu on 13<sup>th</sup> December 2019

**Dr.Mehaboobullah.K, Reference Assistant**

- Presented a research paper in the National conference on Innovative Library (NCITL-2019) organized by University of Calicut from 22/02/2019 to 23/02/2019.
- Participated in the Training of Trainers (ToT) in Library and information Science conducted by KILA, Thrissur under the Government of Kerala, on 26-27 November 2019.

**Dr. Sudhi S Vijayan, Technical Assistant**

- Participated training of trainers in Library and information Science conducted by KILA, Government of Kerala on 26-27 November 2019.
- Served as a Resource person for the training programmes of Panchayath Librarians conducted by KILA on 20<sup>th</sup> December 2019

**Sr. Arunkumar.V.R, Reference assistant**

- Participated training of trainers in Library and information Science conducted by KILA, Government of Kerala on 26-27 November 2019.

**E-Pub Training**

Dr. Ajikumari T, Assistant Librarian (University Librarian – in-charge), Sheeja.B.S, Assistant Librarian, Dr.PK Suresh Kumar, Assistant Librarian, Preetha Sathyan, Reference Assistant Dr.Mehaboobullah.K, Reference Assistant, Arunkumar.V.R, Reference Assistant, Dr. Sudhi S Vijayan, Technical Assistant, Dr.Sureshkumar.C, Technical Assistant and Jyothy Saraswathy, Technical Assistant have participated in the E-publication workshop on E-book(Epub 3 protocol) production using the tools of Indesign and word conducted by state central Library, thiruvananthapuram from 19<sup>th</sup> December 2019 to 20<sup>th</sup> December 2019.

## KERALA UNIVERSITY CAMPUS LIBRARY, KARIAVATTOM

*Phone – 0471-2308169 - Email-dlcampuslibrary@gmail.com*

Campus library established in 1978 acts as a hub of knowledge sharing for all the teaching and other Departments and centers, functioning under University of Kerala. It functions as a reference Library in an area of 30000sq.ft.

University Campus Library, being the common centre of higher learning of all the Departments in the Kariavattom Campus, has hosted a wide range of readers during the year 2019.

The Campus Library continues to function in three shifts from 8 am to 12 midnight. The important services provided by the Campus Library attract a large number of students to the library. An average of 400 students is visiting the library daily for reference and avail the facilities of computerized information services.

### 1 Working Time

Campus Library has been functioning in three shifts from 8 am to 12 midnight. The library rendered services for facilitating the access to both conventional materials as well as electronic resources resulting in an optimum utilization. The Students, Teachers, Research Scholars, Staff etc. from the various Departments in the Campus and also readers from other Colleges and Learning Centers from the State and outside formed the Clientele group.

### 2 Construction

Vertical extension of two additional floors of a plinth area of 15000 sq. feet is progressing. The functioning of these two floors definitely will overcome space shortage.

**3 Wi- Fi Connectivity** – is made available in the Campus Library and the whole user community is highly benefited.

### 4 Information Technology Service and e-resources

There is an IT Section, equipped with 24 Computers, was widely accessed by a large number of Scholars for their internet e-mail, e-journal search requirements.

UGC-Inflibnet Digital Library Consortium provides current and archival access to more than 13000 + e journals. Campus Library renewed the subscription for IEEE Online (through GIST, the sole authorized agency in India). Also the e-journals and e-books procured through the University Library were also made available in the Campus. All of which can be accessed from any Departments in the Campus through IP based search. A daily average of 200 numbers of users utilized IT facilities.

### 5 Researcher's e-learning center

All registered PhD scholars can access the researcher's e-learning centre. The centre is equipped with 30 computers of latest configuration having open source software (ubuntu) and internet. It was inaugurated on 20/05/2015.

### 6 Current periodicals & Journals Section

Procurement and maintenance of periodicals is done in this section, During the year 92 periodicals were procured in different subjects. Out of this 45 journals are subject journals and the remaining popular magazines. A total of 23 Newspapers in three languages were also subscribed. There are 43 Journals received as gift.

### 7 Acquisition Section

Selection and acquisition of books is the main function of this section. Selection of books is done on the basis of recommendations received from various departments and suggestions from the students. During the year 2019, 1568 volumes are added to the collection. 21 titles are received as gift.

**8 Reference Section** A separate section for Reference Books is housed in the first floor. Career development area is an important part of this section. Large number of reading materials for the competitive exams including UGC exams on various subjects are procured and arranged in this area.

## 9 Career Development Area.

Large number of reading materials were procured and arranged for the competitive career development purpose.

### 10 Text Book Section

Text Books in different subjects are arranged in the first floor according to the DDC.

### 11 Technical Section

Cataloging and Classification process is done using KOHA Software. Also manual catalogue is made available for the access of the users. Now the OPAC (Online Public Access catalogue) of campus library can be accessed from any Department in the campus.

### 12 Reprographic Service

The Photocopying service available in the Campus Library is widely used by the students of the Campus. The charges for Xerox were reduced to 50 paise as per the Syndicate decision.

### 13 Property Counter

A property counter with token system and additional Casual Labourer and Security Staff is introduced in shift system in the Campus library.

### 14 Innovative Projects

As part of the augmentation efforts in respect of the existing ICT facilities in department libraries and campus library of Kariavattom Campus, the Hon'ble Vice Chancellor has accorded sanction to Rupees Ten Lakhs towards 'Development of a Database of the whole collections of University Campus' under Innovative Projects scheme. The project envisages creation of Union Catalogue for books and an Institutional Repository for dissertation, theses, grey literature, publication of faculty and students etc.

Vice chancellor has also constituted an Expert committee for monitoring the implementation of this project with 5 Members headed by Deputy Librarian, Campus Library.

Preparatory to implementation of the project, the expert committee has been decided to install KOHA, a free and open source integrated library management software in a web based access manner in all libraries in the campus and also seek technical support from Mr. Tomson AJ, Ist Grade Librarian, St. Joseph Autonomous College, Devagiri, Calicut-8 for its installation, customization, training and for data migration.

A two day training program was also conducted for all librarians in the teaching departments and campus library to equip them with KOHA more user-friendly on 01.11.2019 and 2.11.2019 from 10am to 5pm at CLIFF, Kariavattom by the resource person Mr. Tomson A J an expert in Koha. Data migrations of already computerized libraries which are using many different locally developed softwares are underway and 26 libraries have ensured compliance with the technical requirements of Koha ie MARC 21 format. The data migration of the rest of the partially computerized libraries is going on and it will complete near future.

### 15 Important events in the Year 2019

Campus library organized User orientation and Awareness Program for the Fresher's in the Campus at different intervals in 2019 aiming at the promotion of maximum readership.

- Training on IEEE explore was conducted on 29.04.2019 (11 am to 1 PM) and Training on EBSCO Discovery services conducted (1.30 PM to 3.30 PM)
- Celebrated Environmental day on 5<sup>th</sup> June by planting mango trees in front of the campus library.
- International Yoga Day. an exhibition of books on yoga and meditation and exhibition on various "Asana" was conducted in connection with international Yoga day.
- Training program on Internet information Resources to the students and research scholars of Dept. Psychology by Dr. Biju KS on the title "Digital Library system -How to access Information and its challenges and problems"
- Training on GRAMERLY software was conducted on 17.10.2019 at Botany Seminar hall in co-operated with the University Library, Palayam.
- A two day training program was also conducted for all librarians in the teaching departments and campus library to equip them with KOHA more user-friendly on 01.11.2019 and 2.11.2019 from 10am to 5pm at CLIFF, Kariavattom by the resource person Mr. Tomson A J

## 16 LIBRARY COLLECTION

Campus Library has a total collection of books : 28440

No. of books purchased during 2018-19	:	1815
No. of volumes added during 2018-19	:	1679
No. of Periodicals	:	45
Popular Magazines	:	47
Gifted journals	:	43
No. of dailies -- English	:	7
Malayalam	:	14
Tamil	:	2

### 1. STAFF

Deputy librarian (I/C)	:	Abdul Majeed E
Assistant librarian Gr.1	:	Jyothibabu G
Assistant librarian Gr.II	:	Anil Kumar R
	:	Anil Kumar S
	:	Biju K S
Reference Assistant	:	Rajesh Kumar K
	:	Renjith VR
Technical Assistant	:	Sajeev T
Office Staff (Assistant)	:	Varun Krishnan R
Other Staff	:	Three
Assistants (On contract)	:	Library
	:	One Photostat operator
(On contract)	:	Five Casual Laborers
(Daily Wages)	:	



# DEPARTMENT OF PHYSICAL EDUCATION

(Established 1939 AD)

Director i/c: Dr. Jayarajan David D

## Introduction

Kerala University is one among the trailblazers in University Sports sector in the country. Among the Universities in India, the Travancore University was the first to start a Department of Physical Education. The importance of Physical Education was recognised by the founding fathers of the University. The University committee of 1923 recommended the formation of a University training corps as a part of the programme for the development of physical culture. The year 1939-40 saw the creation of a Board of Physical Education to direct and guide the physical education activities of Affiliated Colleges. The late Col. Goda Varma Raja was the first President of the Board of Physical Education and P.I. Alexander, Director of Physical Education, its Secretary. From the year 1940 onwards various activities were organised under the auspices of this Department which was initially housed in the old Military Barracks compound (near the present Vikas Bhavan). The Physical Education Department had a Gymnasium looked after by an instructor in indigenous exercises. The University Gymnasium functioned till 1972 in the building adjacent to the present University Student's Centre and opposite to the G.V. Raja Pavilion. The health/medical examination of students of the University was conducted by the Department of Physical Education. The emphasis then was on Indigenous Exercises, Yogic exercise, Free Hand Exercises, Rowing and Cricket. These activities were organised on club basis. Medical examination of the members of the club was conducted and records maintained. Competitions were organised in Surya Namaskar and muscle control. Dr. Vineykar and Dr. Paulose were successively in charge of Yogasana since 1941 and T.K. Rama Varma from there on till 1950. In the year 1940-41, the construction of the University Stadium was started under the enthusiastic leadership of Col. G. V. Raja, P.I. Alexander, the Director of Physical Education and P.R. Parameshwara Panicker, Registrar, University of Travancore. A pavilion of cantilevered balcony and a canopy of R.C.C. Shell, a unique piece of construction, were built in the University Stadium within a short span of one year and the Department of Physical Education was shifted to the pavilion in 1963. The pavilion was named G. V. Raja pavilion by V. V. Giri, the then Governor of Kerala. Then onwards the Office of the Department of Physical Education has been functioning in this building.

The vision of the Physical Education Department is the development and promotion of sports activities for health, educational and social benefits of student community. Accordingly, the Department has adopted the following mission:

(i) To provide adequate infrastructure facilities for sports and games so that students choose and participate in the events for which they have flair. To spot out and groom the sports talent (ii) To nurture, better human relations through sports and games

enjoy a perfect balance between sports performance standards and healthy lifestyle. (iii) To imbibe in the student's discipline, leadership qualities, courage and the sense of belonging through sports activities. (iv) To produce National & International players, by providing opportunities to develop knowledge, skills and values for the enhancement of performance in a wide range of sports through intercollegiate and inter-university forums.

## **PROGRAMMES/ACTIVITIES OF THE DEPARTMENT**

A Fixture meeting of all Physical Education Teachers of the affiliated colleges of the University is conducted at the beginning of every academic year to prepare and approve the sports calendar as per the AIU schedule for the year and to discuss the matters related to the conduct of intercollegiate tournaments namely, the nomination of zone conveners (South & North), dates and venues of the inter collegiate tournaments and nomination of selectors for the selection of zone level players. The comprehensive and varied intercollegiate programme designed to meet the needs and interests of the students generate a spirit of healthy competition and works to encourage a healthy student life environment. Intercollegiate tournaments are conducted once in a year, either on single zone or on two zone (South and North) basis depending upon the number of entries. The teaching departments of the University Campus are considered as one unit and included in the south zone. After conducting the zone tournaments I, II and III place winners from both zones will qualify to participate in the Inter Zone tournaments from where the champions will be decided.

The annual fixture meeting of the Department was held on 29th August 2019 at the Senate Chamber wherein about 120 teachers of Physical Education of affiliated colleges were present. The meeting was inaugurated by Dr. V.P. Mahadevan Pillai (Hon'ble Vice Chancellor). The Meeting was attended by Physical Education faculty of affiliated colleges. The business session of the Fixture meeting held detailed discussions and deliberations on the conduct of Inter Collegiate Tournaments to be held.

It was decided to conduct Inter Collegiate Competitions in the following sports & games events.

1. Aquatics (Men & Women)
2. Archery (Men & Women)
3. Athletics (Men & Women)
4. Ball Badminton (Men & Women)
5. Baseball (Men & Women)
6. Basketball (Men & Women)
7. Best Physique (Men)
8. Boxing (Men & Women)
9. Canoeing & Kayaking (Men & Women)
10. Chess (Men & Women)
11. Cricket (Men & Women)
12. Cross Country races (Men & Women)

13. Cycling Track (Men & Women)
14. Cycling Road (Men & Women)
15. Fencing (Men & Women)
16. Football (Men & Women)
17. Gymnastics (Men & Women)
18. Handball (Men & Women)
19. Half Marathon (Men & Women)
20. Hockey (Men & Women)
21. Judo (Men & Women)
22. Kabaddi (Men & Women)
23. Kho-Kho (Men & Women)
24. Netball (Men & Women)
25. Power lifting (Men & Women)
26. Roll Ball (Men & Women)
27. Rowing (Men & Women)
28. Rugby (Men & Women)
29. Shuttle Badminton (Men & Women)
30. Softball (Men & Women)
31. Squash racket (Men & Women)
32. Table Tennis (Men & Women)
33. Taekwondo (Men & Women)
34. Tennis (Men & Women)
35. Volleyball (Men & Women)
36. Weight Lifting (Men & Women)
37. Wrestling (Men & Women)
38. Wushu (Men & Women)
39. Yatching (Men & Women)
40. Yogasana (Men & Women)

#### Sports Hostel

A Sports Hostel under the auspices of the Kerala State Sports Council is functioning in the Department where students of affiliated colleges of University of Kerala under the three sports disciplines namely Football, Athletics and Handball are provided accommodation. Around 60 students are residing in the Sports Hostel.

#### Annual Summer Coaching Camp

Annual Summer Coaching Camps are held by the Department as part of its social commitment and extension activity. School children are provided basic training in sports and games events for a nominal

fee. The Annual Summer Coaching Camp for the report period was held from 5<sup>th</sup> April to 5<sup>th</sup> May 2019 at the University Stadium. Basic training was given to kids in Athletics and Football. 290 school children participated in the camp. They were given participation certificates and T Shirts at the end of the camp.

#### Monthly Yoga Training Program

The Department of Physical Education is conducting a Monthly Yoga Practice Program for the general public from 2017. It is the part of extension activity of the Department of Physical Education. The session is conducted in two batches, in the morning and evening.

#### Yoga Day Celebration

The world Yoga day celebrations were held at the Kerala University Stadium on 21<sup>st</sup> June 2019. Hundreds of people from all walks of life came and participated in the Yoga day celebrations. The function was inaugurated by Smt.Padmini Thomas, Arjuna Awardee.

#### 80<sup>th</sup> Annual Athletic Meet

The 80<sup>th</sup> Annual Athletic Meet of the University was held in the Kerala University Stadium on 12<sup>th</sup>, 13<sup>th</sup> & 14<sup>th</sup> December 2019. The Athletic Meet was inaugurated by the Hon'ble Vice Chancellor Prof. Dr. V.P.Mahadevan Pillai. Hundreds of athletes from affiliated colleges participated. In Men category Mar Ivanios College, Nalanchira and in Women category St.John's College Anchal were the champions. Mar Ivanios College, Nalanchira bagged the Overall Championship in the 80<sup>th</sup> Annual Athletic meet. Sri. Alan Jose of Mar Ivanios College, Nalanchira and Kum.Sayana P O of SN College, Kollam were declared as the best athletes of the Athletics Meet 2019.

#### The Inter Collegiate Tournaments

Department of Physical Education conducted more than 88 Inter collegiate sports competitions for men and women. The selected students from all the events were sent to participate in the All India Inter University and South Zone Inter University competitions all over India as per the schedules of Association of Indian University sports calendar.

The achievements in Inter University Events

#### ACHIEVEMENTS IN INTER UNIVERSITY EVENTS 2018-19

PRIZES WON – Team Events 2018-19

SL NO	EVENT	ZONE	POSITION	VENUE & DATE
1	WATER POLO	All India Inter University	Winners	Jain University, Banglore from 28th to 31st October 2018.
2	BEST PHYSIQUE	All India Inter University	Runners Up ((1st time in the History of Kerala University)	16th to 20th November 2018, Calicut University, Calicut
3	CRICKET(W)	South Zone Inter University	Runners Up (Qualified to All India Inter University)	Andra University, Visakhapattanam from 09th to 14th Feb.2019
4	KABADDI (W)	South Zone Inter University	Runners Up (Qualified to All India Inter University tournament)	Bengaluru North University Bengaluru from 12th to 15th November 2018.

5	KAYAKING(W)	All India Inter University	Runners Up	GNDU, Amritsar, Punjab from 22nd to 24th March 2019
6	FOOTBALL (M)	South Zone Inter University	Runners Up (Qualified to All India Inter University tournament)	Pondicherry University, Puducherry. from 03rd to 11th December 2018
7	BOXING (W)	All India Inter University	Second Runners Up	Janardhan Rai Nagar Vidyapeeth, Rajasthan from 27th to 31st January 2019
8	KHO-KHO (W)	South Zone Inter University	Fourth (Qualified to All India Inter University tournament)	Mangalore University, Uduppi, Karnataka from 15th to 18th October 2018.
9	BASKETBALL (M)	South Zone Inter University	Fourth (Qualified to All India Inter University tournament)	S.R.M University, Chennai from 22nd to 26th October 2018.

PRIZES WON – Individual Events 2018-19

SL NO.	NAME/SUB EVENT	EVENT & ZONE	POSITION	NAME OF COLLEGE
1	ANITTA JOSEPH (47 kg)	POWERLIFTING (W)- All India Inter University	Gold	S D COLLEGE, ALAPPUZHA
2	ASWATHI.C (72 kg)	POWERLIFTING (W)- All India Inter University	Bronze	ST.MICHAEL'S COLLEGE, CHERTHALA
3	NIRMAL SABU (Long Jump)	ATHLETICS (M)	Silver	S N COLLEGE, CHEMPAZHANTHY
4	INDRAJA K A (75kg)	BOXING (W)- All India Inter University	Gold	ST.XAVIERS COLLEGE, THUMBABA
5	ANUPAMA.A.S.	KAYAKING (W) - All India Inter University K4-500, K4-200 K1-500, K1-200	Gold Silver	ST. JOSEPH'S COLLEGE FOR WOMEN, ALAPPUZHA
6	KARISHMA SURESH	KAYAKING (W) - All India Inter University K4-500, K4-200 K4 1000	Gold Bronze	S N COLLEGE, KOLLAM
7	SOORYA.C.B	KAYAKING (W) - All India Inter University K4-500, K4 1000	Gold Bronze	ST. JOSEPH'S COLLEGE FOR WOMEN, ALAPPUZHA
8	ASHLEY.M.K.	KAYAKING (W) - All India Inter University K4-500, K4-200, K4 1000	Gold Bronze	S D COLLEGE, ALAPPUZHA
9	ARYAMOL OMANAKUTTAN	KAYAKING (W) - All India Inter University K4-200, K4 1000	Gold Bronze	ST. JOSEPH'S COLLEGE FOR WOMEN, ALAPPUZHA
10	ABISHEK S (80kg)	BEST PHYSIQUE	Gold	MMS GOVT. COLLEGE, MALAYINKEEZHU
11	MUHAMMED FAYIS V(110 m Hurdles)	ATHLETICS (M)	Gold	S N COLLEGE CHEMPAZHANTHY
12	ABHINANDH SUNDARESAN	ATHLETICS (M) 1500 Mts., 5000 Mts.	Gold (with record) Gold	ST. XAVIERS COLLEGE
13	AMAL ALI. A	KAYAKING (M) - All India Inter University K2-200, K4-200	Silver	S D COLLEGE, ALAPPUZHA
14	ANANDHU CHITHRAN	KAYAKING (M) - All India Inter University K2-200, K4-200	Silver	UNIVERSITY COLLEGE, TVPM
15	AKHILESH.P.S.	KAYAKING (M) - All India Inter University K4-200	Silver	S N COLLEGE, KOLLAM
16	SREEHARI	KAYAKING (M) - All India Inter University K4-200	Silver	S N COLLEGE, KOLLAM
17	RAHUL SAJI (66kg)	POWERLIFTING (M)- All India Inter University	Silver	S D COLLEGE, ALAPPUZHA
18	AKHIL RAJESH	ROWING (M)- All India Inter University Double Skull 500 mtr	Silver	S D COLLEGE, ALAPPUZHA
19	NIKHIL RAJESH	ROWING (M)- All India Inter University Double Skull 500 mtr	Silver	S D COLLEGE, ALAPPUZHA

20	SARANYA RAJU. R (U-46 kg)	TAEKWONDO (W) -All India Inter University	Silver	GOVT.COLLEGE FOR WOMEN, VAZHUTHACAUD
21	SEETHAL SHAJI (81kg)	BOXING (W)- All India Inter University	Bronze	ST.XAVIER'S COLLEGE, THUMBA
22	GOUTHAM SAJI	CANOEING (M)- All India Inter University C4-500,	Bronze	S N COLLEGE, KOLLAM
23	AKHIL.B	CANOEING (M)- All India Inter University C4-500, C4-200	Bronze	S D COLLEGE, ALAPPUZHA
24	ADARSH.S	CANOEING (M)- All India Inter University C4-500, C4-200	Bronze	S N COLLEGE, KOLLAM
25	VAISHNAVARAJ.K.S.	CANOEING (M)- All India Inter University C4-500, C4-200	Bronze	S N COLLEGE, KOLLAM
26	SUNIL.C.S.	CANOEING (M)- All India Inter University C4-200	Bronze	S D COLLEGE, ALAPPUZHA
27	PRETNA NONGMAI-THEM (U-57 kg)	TAEKWONDO (W) -All India Inter University	Bronze	GOVT.COLLEGE FOR WOMEN, VAZHUTHACAUD
28	SUNEESH S. (50M Breast Stroke)	AQUATICS	Bronze	UNIVERSITY DEPARTMENT
29	BINOY VICTOR (75kg)	BEST PHYSIQUE	Bronze	ST.CYRIL'S COLLEGE, ADOOR
30	AKHIL A (85kg)	BEST PHYSIQUE	Bronze	CHRISTIAN COLLEGE, KAT-TAKADA

#### **ACHIEVEMENTS IN INTER UNIVERSITY EVENTS 2019-20**

The Achievements in the Inter University Tournaments 2019-20 till date are as follows. As the Inter University events are still progressing many more medals are expected.

#### **PRIZES WON – Team Events 2019-20**

SL NO	EVENT	ZONE	POSITION	VENUE & DATE
3	BOXING (W)	All India Inter University	Winners	Chaudhary Charan Singh University, Meerut from 20th to 24th Dec 2019
1	WATER POLO(M)	All India Inter University	Runners Up	Lovely Professional University, Jalandhar, Punjab. 01st to 04th Nov.2019
2	FOOTBALL(M)	South Zone Inter University	Fourth Position (Qualified to All India Inter University tournament)	VIT, Vellore from 09th to 12th Dec.2019

#### **PRIZES WON – Individual Events 2019-20**

SL NO.	NAME/SUB EVENT	EVENT & ZONE	POSITION	NAME OF COLLEGE
1	S.VASURAM	AQUATICS 100 m (Butterfly)	Gold ( Broke 7 year old Meet record)	S N COLLEGE, Chempazhanthy
		AQUATICS 100 m (Free Style)	Bronze	
2.	SUNEESH.S	AQUATICS 100 m (Breast Stroke)	Bronze	DEPARTMENT OF RUSSIAN
		AQUATICS 100 m (Breast Stroke)	Bronze	
		AQUATICS 100 m (Breast Stroke)	Gold	
3.	INDRAJA.K.A (75 KG)	BOXING (W)- All India Inter University	Gold	ST.XAVIERS COLLEGE, THUMBA
4.	ANASWARA.PM (81 KG)	BOXING (W)- All India Inter University	Gold	ST.XAVIERS COLLEGE, THUMBA
5	SEETHAL SHAJI (81 KG)	BOXING (W)- All India Inter University	Silver	ST.XAVIERS COLLEGE, THUMBA
6	JOSHMI JOSE(64 KG)	BOXING (W)- All India Inter University	Silver	ST.XAVIERS COLLEGE, THUMBA

### **ACHIEVEMENTS IN INTERNATIONAL EVENTS**

Miss Anitta Joseph of SD College Alappuzha made India and University of Kerala proud by winning Gold Medal in 4th IPF World University Power Lifting championship held at Tartu, Estonia from 21st to 27th July 2019 in the 47 kg category. Miss Anitta Joseph is the first women Sports person in Kerala State to bag the World University title.

Miss Sreelekshmi.B.S of National College, Manacaud has made University of Kerala proud by being a member of the Indian Roll Ball Women team which won the Silver Medal in 6th World Cup Roll Ball tournament held at Chennai from 15th November 2019. She is the only player from Kerala who represented the country

in the World Cup Roll Ball tournament.

Miss Aparna Roy of Mar Ivanios College, Thiruvananthapuram represented India and won Silver Medal in Athletics (100 m Hurdles Women) in the 13th South Asian Games 2019 held at Kathmandu. Miss Aswathy C of St.Michaels College Cherthala also represented India to participate in the 4th IPF World University Power Lifting championship held at Tartu, Estonia from 21st to 27th July 2019 in the 72 kg category and secured 27th position.

Shri. Nirmal Sabu of SN College Chempazhanthy represented India to participate in the World University Athletic Championship at Napoli, Italy from 8th to 14th July 2019.

## **DEPARTMENT OF STUDENT SERVICES**

### **A. DEPARTMENT PROFILE**

#### **1. Administrative staff**

Designation and numbers would suffice. Indicate M/F along with each name

SL. NO.	NAME	MALE/ FE-MALE	DESIGNATION
1.	Sri. R. Siddik	Male	Director
2.	Jayadas B S	Male	Administrative Officer
3.	Ameer. A.K	Male	Assistant
4.	Deepa. V.L	Female	Computer Assistant
6.	Paul P	Male	Higher Grade Security Guard
7.	Mohananathan Nair S	Male	Casual Peon

### **B. COMMON DEPARTMENT ACTIVITIES**

#### **1. Major Conferences/Seminars/Camp etc organized by the Dept.**

##### **Two Days Leadership Training Camp**

The Department organized and conducted 'Two Days Leadership Training Camp' for the students from various Colleges and Departments on 21th & 22nd March, 2019, at the Coast of Tiberias, Near Bishop House Road, Thangassery, Kollam, with the purpose of inculcating leadership qualities among the students. The camp was a grand success in attaining its goal of stimulating students to enrich their personality equipped with better qualities befitting to a good leader. The camp was attractive, effective, and comprehensive for the diversity in the structure of the classes handled by eminent persons and with the active participation of the student delegates.

#### **2. OTHER ACTIVITIES OF THE DEPARTMENT**

##### **a. Awarding Grace Mark to Students**

The Department is entrusted with the task of awarding

grace marks to the students who are the winners in the Kerala University Youth Festival, Drama Festival, South Zone Inter- University Youth Festival, Nation Inter-University Youth Festival, Keralosavam, Desiyolsavam etc. In the year of 2019 the Department distributed Grace marks to students those who won prizes in the Kerala University Youth Festival 2019 held at Kariavattom Campus, South Zone Inter University Youth Festival 2018 held at Sri Padmavathy Mahila Viswa Vidyalayam, Tirupathi, Andrapradesh, National Inter University Youth Festival held at Chandigarh University, Chandigarh, Mohali, Punjab, Drama Festival 2019 held TKM College of Arts and Science, Kollam, Keralosavam and Desiyolsavam.

##### **b. Dr. K. N. Pai Memorial Quiz Competition**

The Department conducted Dr. K. N. Pai Memorial Quiz Competition on 20th March 2019 at the Department of Student Services, PMG, Trivandrum, Twelve Colleges participated in it. Cash awards were given to the winners.

1.	University College, Trivandrum	- First
2.	Mar Ivanios College, Nalanchira, Trivandrum	- Second
3.	Department of Economics, Kariavattom Campus	- Third

### **c. G. Karthikeyan Memorial Award**

The scrutiny and the subsequent judging process regarding the G. Karthikeyan Memorial Award for the years have already been completed. As per this Govt. Engineering College, Barton Hill, Trivandrum, Sree Narayana College, Chathannur, Kerala University Research Students Union, Kariavattom, University of Kerala are the winners for the year 2016, 2017 & 2018 respectively.

The winners of the above Karthikeyan Memorial Award for the Year 2016-17, 2017-18 were awarded Cash Prizes (Rs. 25,000/- each ) by Sri. E.P. Jayarajan, Hon'ble Minister for Industries, Commerce, Sports and Youth Affairs, in the award function organized by the Department of Student Services on 21st June 2019 at VJT Hall, Palayam, Thiruvananthapuram

### **d. Yukthibhadramaya Campus : Susthira Keralam**

On the basis of the Budget speech on 2018-19 the Department of Student Services has taken the initiative to implement the program "Yukthibhadramaya Campus : Susthira Keralam" in various campuses.

In connection with this programme a list of eminent persons (resource person) has been prepared by the University.

The program has been successfully implementing with the participation of the above eminent speakers in various campuses.

The Department of Student Services successfully organized and conducted the Programme in 25 College Campuses during the year 2019.

### **e. Talent Award**

The Talent Award (Cash Prizes) for the winners of Kerala University Youth Festival, Drama Festival, South Zone & National Inter-University Youth Festival for the year 2017-18 were distributed on 21st June 2019 at VJT Hall, Thiruvananthapuram. Sri. E.P. Jayarajan, Hon'ble Minister for Industries, Commerce, Sports and Youth Affairs had distributed the awards to the winners and the function was a grand success.

### **f. Student Welfare Scheme**

A revised welfare scheme with the title 'Student Welfare Scheme' has been launched by the University for the benefit of students 2017 & 2018 admissions. The scheme envisages the getting maximum of financial benefits both for medical reimbursements and death cases on a speedy disposal of the same. All the claims received under this scheme have been processed by the Department of Student Services in the year 2019.

### **g. Felicitation Ceremony**

Under the initiative of this Department of Student Services a felicitation function for the winners of the South Zone and National Inter-University Youth Festival was organized and conducted at the University Senate Chamber on 21/02/2019. The Hon'ble Minister for Ports, Museums, Archaeology and Archives, **Sri. Kadannappalli Ramachandran**, inaugurated the function and the Hon'ble Vice-Chancellor Dr. V. P. Mahadevan Pillai chaired the meeting. The function was not only a felicitation but

an everlasting inspiration to the winners for their future achievements.

### **h. National Inter University Youth Festival**

Our University team comprising of the students who qualified for the 34<sup>th</sup> National Inter-University Youth Festival had participated in the same which was held at Chandigarh University, Mohali, Punjab scheduled from 01<sup>th</sup> to 05<sup>th</sup> February, 2019. Our team also bagged prizes for 6 events including First, Second and Third Prizes.

### **i. Drama Festival**

Under the auspices of the Department of Student Services, the Kerala University Union 2018-19 organized and conducted the Drama Festival at TKM Arts & Science College, Kollam on 19th & 20th March 2019. The Department of Student Services also took the major role in organizing the Drama Festival.

### **j. Kerala University Youth Festival**

Under the leadership of organized and conducted the Kerala University Youth Festival at Kariavattom Campus, University of Kerala, Karivattom, Trivandrum on 26th to 30th March, 2019. The Kerala University Youth Festival is a colourful & historical event of our University which is organized every year. The Kerala University Youth Festival is a mega event with the dynamic participation of more than 3000 students from about 250 colleges in 100 cultural events of competition. The Department of Student Services played a crucial role by providing services to facilitate the Kerala University Union to organize and conduct the venture as a grand success.

### **k. Kerala University Union 2019-20 Swearing-in -Ceremony**

The Department organized and conducted the Swearing-in- Ceremony of the Kerala University Union 2019-20 at University Senate Chamber at 2.00 PM on 19th July 2019. Dr. V.P. Mahadevan Pillai, Hon'ble Vice Chancellor had kindly led the searing-in-ceremony.

### **l. Budget Presentation and First General Council of the Kerala University Union 2019-20**

The Department of Student Services took the key-role for arranging the first general council of the Kerala University Union 2019-20 on 25<sup>th</sup> July 2019 at University Senate, Chamber. The General Secretary of the union had presented the budget for the year 2019-20 and same was passed by the General Council after a detailed discussion.

### **m. Various Programmes of the University Union 2019-20**

Under the auspices of the Department of Student Services the following programmes were organized and successfully conducted by the Kerala University Union 2019-20

- (1) **Union Inauguration** on 6<sup>th</sup> August 2019 at University College, Tvpm
- (2) **Seminar** on 27<sup>th</sup> August 2019 held at Government College, Attingal.
- (3) **Seminar** on 2nd September 2019 at SG College, Kottarakkara.

- (4) **Seminar** on 2<sup>nd</sup> September 2019 at Govt. Sanskrit College, Tvpm
  - (5) **Kaviyarang** on 13<sup>th</sup> September 2019 at Govt. Womens College, Tvpm
  - (6) **Theruvvarangu** on 26<sup>th</sup> 27<sup>th</sup> October 2019 at NSS College, Nilamel.
  - (7) **Adoor Gopala Krishnan Ikyadartya Sadhassu** on 4<sup>th</sup> October 2019 at Rakthasakshi Mandapam, Palayam, Tvpm.
  - (8) **Seminar – ‘Indian Janadipathyam Apakadathilo’** on 14<sup>th</sup> Oct 2019 at Bishopmoore College, Mavelikkara.
  - (9) **Seminar – ‘Indian Janadipathyam Apakadathilo’** on 14<sup>th</sup> Oct 2019 at Govt Arts College, Tvpm
  - (10) **Seminar – Stand with Kashmir** on 18<sup>th</sup> Oct 2019 at MSM College, Kayamkulam
  - (11) **Seminar – Stand with Kashmir** on 23<sup>rd</sup> Oct 2019 at NSS College, Pandalam
  - (12) **Magazine Editors Camp** on 31<sup>st</sup> Oct 2019 at University College, Tvpm
  - (13) **Samskarika Kootayma** on 14<sup>th</sup> Nov 2019 at Govt. KNM College, Kanjiramkulam
  - (14) **Vidyarthi Kootayma** on 15<sup>th</sup> Nov 2019 at University, Kariavattom Campus
  - (15) **Student Circle** on 21<sup>st</sup> Nov 2019 at DSS Campus
  - (16) **Seminar Kavi valkarikkapedunna Unnatha Vidyabhyasam** on 26<sup>th</sup> Nov 2019, Govt Arts College, Thycaud.
  - (17) **Kaviyarangu** on 16<sup>th</sup> Dec 2019 at National College, Manacaud, Tvpm
  - (18) **Union Christmas Celebration** on 20<sup>th</sup> Dec 2019 at IHRD College, Kalanjur, Pathanamthitta
- n. Endowment Award Function for the years 2011 and 2012**

The Department of Student Services took the major role for organizing and conducting the University

Endowment Award Function for the years 2011 and 2012. The function was held at University Senate Hall on 29<sup>th</sup> June 2019. Hon'ble Vice Chancellor Dr. V.P. Mahadevan

Pillai was the Chief Guest of the Programme and the awards were distributed among the winners by the Hon'ble Vice Chancellor.

**o. Overall Championship in South Zone Youth Inter University Festival**

Under the leadership of the Department of Student Services the Cultural Team of our University participated in the 35<sup>th</sup> Inter University South Zone Youth Festival held at Alagappa University, Karaikudy, Tamil Nadu on 18<sup>th</sup> to 22<sup>nd</sup> December 2019. Our Team achieved a historical winning in the festival and for the very first time we qualified for 15<sup>th</sup> different events to participate in the coming National Inter University Youth Festival to be held at Amity University, Noida during 3<sup>rd</sup> to 7<sup>th</sup> February 2020.

**p. Anti-Drug-Campaign Programme**

The Department of Student Services take initiative in organizing the Anti-Drug-Campaign Programme among the student community

**q. Student Insurance Schemes**

The Department of Student Services effectively implements various Students Insurance Schemes such as SGPAIS, SWS, Student Care Project towards the claims coming under various periods respectively for the above.

**r. Students Aid Fund (SAF)**

The Department of Student Services distributed the SAF Scholarships for the eligible students upto the year of 2016-17. In this year the Department processed the SAF Scholarship for the year 2017-18 and 2018-19 and the same is in the final stage for the disbursement to the eligible students through their respective Bank Accounts.

## NATIONAL SERVICE SCHEME

**Programme Co-ordinator : Dr. Shaji A**

National Service Scheme, University of Kerala has a volunteer strength of 16400 and 164 Programme Officers in the affiliated colleges spread over the four southern districts of Kerala namely Thiruvananthapuram, Kollam, Alappuzha and Pathanamthitta. During the calendar year 2018 a large number of outreach programmes as well as programme within the college campuses were implemented for the benefit of the volunteers as well as community. The programmes were designed in tune with the motto of the National Service Scheme **“Personality Development of Volunteers through Community Service.”**The notable events carried out by the National Service Scheme during the reporting period are listed below:

**1. Observation of Important days**

Instructions were given to all N.S.S units to observe

important days of national and international importance by arranging novel programmes and programme of contemporary relevance of their own choice with a view to develop the personality development of volunteers through community service. As per the instruction NSS units observed important days and submitted reports of the same with action photos.

Instructions were also given to all N.S.S units to conduct awareness classes among the student community as well as public in the adopted villages. This instructions were given because such activities will be helpful in linking the institutions with community. Options will be given to the N.S.S units to select the awareness programmes. The instructions were put into practice by the NSS units.

## **2. Cleaning Programmes in the campus and community**

The N.S.S units were advised to initiate cleaning programmes in the campus as well as in their adopted villages. The main aim of the programme was to make the college campuses litter and plastic free. More over Kerala State Suchitva Mission allotted an additional fund of Rs. 10000 per unit for implementing the programme "Clean Campus Green Campus." The implementation of the programme was a grand success.

## **3. Medical and health camps**

Instructions were given to the units to conduct free medical and health camps within the college as well as community as part of the regular activity as well as seven day special camps. Such activities were implemented by many NSS units.

## **4. Rejuvenation of Red Ribbon Clubs and Bhumitra Clubs**

Instructions were given to the units to rejuvenate the functions of Red Ribbon Clubs and Bhoomitra clubs functioning in the college. It was expected that this may contribute for facilitating the voluntary blood donation as well as environmental protection.

## **5. Participation in camps/ events**

Strict instructions were given to the units for involving the youths in nature camps, adventure camps facilitated by various agencies to make them more close to the nature. They were also instructed to participate in the national integration camps, national youth festival and other national camps. They were also instructed to prepare the students for getting selected in the republic Day parade. As per the instruction 30 volunteers participated in various national camps conducted by NSS of other states in India. More over two volunteers were selected for the Republic Day Parade of January 2019.

## **6. Survey Programmes**

For the development of personality of the volunteers various surveys were proposed. Instructions were given to the units to conduct socio-economic and health surveys and other relevant surveys in the adopted villages through which the volunteers can come closer to the community. Instructions were given to submit the survey reports to the government and self governing bodies for implementing reforms. Many NSS units conducted such surveys.

## **7. Various competitions/Exhibitions/Rallies**

Directions were given to the N.S.S units to conduct various competitions like poster designing competitions, quiz programmes, drawing competitions, debates etc within the college as well as inter-collegiate level. They were instructed to conduct exhibitions as well as rallies for creating awareness among the students as well as public.

## **8. Training Programmes**

Directions were given to the N.S.S units to organize short term training programmes in collaboration with external agencies for equipping the volunteers for some vocational professions. Training like cloth

making, embroidery making, paper bag manufacturing, jewellery making etc.

## **9. Formation of Blood Donor's Data Bank**

During the year 2018-19 Rare Blood Group Donors' Forum was created and functioned with spectacular success. During the year 2019-20 all NSS units were asked to create a data bank of voluntary blood donors so that blood donation can be facilitated at the time of exigencies.

## **10. Organ and eye donation pledge programme**

During 2017-18 this programme was implemented and more than 20000 volunteers submitted their willingness which was handed over to the Minister for Health in a public meeting. It was continued in 2018-19. The initiative will be continued in 2019-20.

## **11. Implementing Green Protocol**

During 2017-18 efforts were made to maintain green protocol in all activities. Several NSS volunteers were made active green volunteers. 2800 steel plates and glasses were collected by NSS section from NSS units and handed it over to the mayor of Thiruvananthapuram Corporation. It was continued in 2018-19. The initiative will be continued in 2019-20.

## **12. Protection of ponds and other small water resources**

Instructions were given to NSS units for the protection of small ponds and other water sources by cleaning them and planting saplings on its banks.

## **13. Popularization of Rain Water harvesting**

Instructions were given for popularising of rain water harvesting and digging of rain water ponds in colleges, adopted villages and houses.

## **14. Popularizing Reading habits**

For popularizing reading habits among the youths instructions will be given to the units to conduct book festival, collecting and submitting books to local libraries etc.

## **15. Traffic Awareness**

Instructions were given to NSS units for conducting traffic awareness among the students with the help of Traffic Police force.

## **UNIVERSITY LEVEL PROGRAMMES**

### **1. Protection of Small Order Streams in Thiruvananthapuram and Kollam Districts**

National Service Scheme, University of Kerala in association with the Revenue Department, Government of Kerala has implemented a comprehensive river protection scheme entitled "*Nadiyodoppam*." The programme was executed in the Vamanapuram river in Thiruvananthapuram district and Kallada river in Kollam district. After the implementation of the project final report was submitted to the Institute of Land and Disaster Management. Proposals were submitted for the implementation of Nadiyodoppam Phase 2 which aims to protect the small order streams of Thiruvananthapuram and Kollam districts.

### **2. NSS Golden Jubilee Homes**

National Service Scheme, University of Kerala took a target to construct 50 houses in the last year, but could complete only 17 and the works of a few houses



are progressing. During 2019-20 the target was fixed for completing 100 houses for the poor and needy.

### **3. Student Palliative Care units in Colleges**

The Syndicate, University of Kerala has sanctioned the starting of Palliative Care units in all the affiliated colleges as a joint venture of the National Service Scheme as well as Department of Student Services. As per this project palliative care unit consisting of 15 NSS volunteers and 10 college union members will be created in each college and they will function along with the Palliative units of the region for helping the suffering people. For implementing the scheme an amount of Rs. 100000/- (Rupees ten lakh only) was sanctioned in the University budget. Several colleges started Student Palliative Clubs.

### **4. Voluntary Blood Donation camps**

As part of the observance of 150<sup>th</sup> anniversary of the Father of the Nation and golden jubilee celebration of National Service Scheme, at least two voluntary blood donation camps will be conducted in all colleges having NSS units. The programme will be organized with the help of Sree Chithra Institute of Medical Sciences and Technology, Kerala State Aids Control Society, Thermo Penpol, Kerala State Blood Donor's

Forum and other leading hospitals in government sector. Through this mega programme the scarcity of blood can be resolved to a certain extent. VBD camps were organised in 64 colleges from where 5300 units of blood collected.

### **5. Anti-Alcohol initiative in college campuses**

In association with the Kerala Excise Department and Department of Student's Services, strong campaigns against alcohol and drug abuses were started at college level. It included screen play writing competitions, poster making competitions and short film making competitions organised in the colleges.

### **6. Special Camping programme**

The Special Camping Programme for the N.S.S Units were organised by NSS units during the Christmas holidays with programmes having contemporary relevance.

### **7. Participation of Volunteers in Republic Day Parade Camp and National Youth Festival**

Two NSS volunteers were selected for the participation in the Republic Day Parade Camp and four volunteers were selected for the National Youth Festival from the National Service Scheme, University of Kerala.

## **JAN SHIKSHAN SANSTHAN (JSS)**

Jan Shikshan Sansthan (JSS) is a Central Government Scheme under Ministry of Skill Development and Education, Govt. of India. JSS is established under the University of Kerala as an autonomous Institution in 1984. The Vice-chancellor University of Kerala is the Chairman of Board of Management of JSS.

The Reporting year JSS has conducted 86 batches of Vocational Courses in different varieties and covered about 1720 beneficiaries. In addition to the vocational courses JSS organised different activities like Swachata Pakwada from 16<sup>th</sup> – 31<sup>st</sup> July 2019, at

the different places of Thiruvananthapuram District. In this programme the following activities were conducted, Recycling of Waste materials, Sramadan, Cleaning, Plantation, Awareness of various subjects, Seminar, Rally etc. on August 8<sup>th</sup> 2019 a skill training programme was conducted in the special Sub-jail and the programme was inaugurated by Hon'ble DIG of Prisons. On October 2<sup>nd</sup> Gandhijayanthi Programme was celebrated at Pozhiyoor. Hon'ble Deputy Speaker, V.Sasi inaugurated the programme. The meeting was presided by Sri.Ansalan, MLA.

## **ENGINEERING UNIT, UNIVERSITY OF KERALA**

The Engineering Unit of the University of Kerala was established in 1954 with a primary objective of providing infrastructure facility for the entire University of Kerala. The Unit is headed by the University Engineer in the cadre of Executive Engineer whose office is located at Kariavattom. The unit functions in accordance with the rules and regulation framed by the Kerala PWD and approved by the University of Kerala. The unit has one sub divisions and four section offices for civil wing. An electrical wing with an Assistant Executive Engineer and a Transport wing with a Mechanical Engineer is also functioning under this unit.

All new construction activities under the plan, non-plan schemes, UGC funds, RUSA funds, works sanctioned under MP's LAD scheme for Centres like Teacher Education Centres, UIT and other institution centres under the jurisdiction of the University of Kerala are attended by the Engineering Unit. Maintenance, repair works of University buildings, roads, distribution and maintenance of water supply, pump house etc. are also attended by the Engineering Unit.

Apart from the above, arranging e-tender and website tender for various works and rendering technical advice are also done by this Unit. More over we have adopted PRICE SOFT WARE as in the Kerala PWD.

The major project in this year was construction of Platinum Jubilee Academic Complex for School System, having 60,000 Sqft area with Ground +3 floors. There is an elevator is also installed in this building. Department of Malayalam, Hindi, Tamil, Sanskrit and Linguistics are included in this building. An open air theatre with stage facility is also provided in the central portion of this building.

Moreover using the RUSA fund saved amount of Rs.2,06,75,700/- construction of concrete drain at SH Campus, providing floor tiles to the Institute of English building at SH Campus, Construction of first floor for office space over first floor of Canteen building at SH campus, Light roofing of Arts block at Kariavattom, Civil work for the Department of Zoology at Kariavattom were also carried out in 2019.

Apart from the above, interior works & installation of elevators in the Amenity building at SH Campus was also executed in 2019.

Sl. No	MAJOR WORKS COMPLETED AFTER JANUARY, 2019
16.	Construction of Platinum jubilee Academic Complex for school system. at Kariavattom campus.
17.	Providing UG cable and allied works for the construction of platinum jubilee Academic complex for School system (Phase I)- Balance Electrical works at Kariavattom campus.
18.	Electrification works of platinum jubilee academic complex for school systems at kariavattom campus
19.	Vertical extension to Kerala University Library Palayam.
20.	Construction of an extension to the existing building of controller of Examinations at SH campus
21.	Renovation works in Department of Publication in the Senate House Campus
22.	Supply and installation of lift at Amenity building at SH Campus.
23.	CNST - Construction of new building for the Centre for Nanoscience &Technology at Kariavattom Campus
24.	Providing outdoor lights in front of university press and faculty guest house at SH campus Palayam
25.	Supply and installation of submersible pump set at newly constructed open well near Hymavathy pump house at Kariavattom Campus
26.	UG Cable connection with outdoor pillar box at newly constructed open well near Hymavathy pump house at Kariavattom Campus
27.	Construction of concrete drain from Sub Station building to east side main gate of SDE building at SH Campus (RUSA fund)
28.	Construction of 2 floor of the Canteen building at SH Campus (RUSA fund)
29.	KUCTE Kayamkulam- Construction of new toilet blocks
30.	Implementation of File flow Management System---Electrical Works for UPS Wiring
31.	Maintenance work of old canteen building at SH campus.
32.	UCE Aluminium Partition work at Kariavattom campus
33.	Providing shelves &connected civil works on Animal Tissue Culture Lab-Zoology at Kariavattom campus
34.	Maintenance of Gandhian Studies at SH Campus, Thiruvananthapuram
35.	Extension of Library in Psychology at Kariavattom campus
36.	Tiling of ground floor in the Department of Botany at Kariavattom campus
37.	Flooring &other maintenance work in the Department of Sanskrit at Kariavattom campus
38.	Repair and maintenance of road at SH campus
39.	DOIC-Alappuzha – General repair and maintenance of the building and providing additional infrastructure for office, Valuation Camp &Computer Lab.
40.	Providing outdoor feeder pillar box(electricity) near 11 KV substation at Kariavattom Campus
41.	Light roofing of arts block II building at Kariavattom Campus
42.	Vertical Extension to the new block at Department of Environmental Science
43.	CNST - Construction of new building for the Centre for Nano Science &Technology at Kariavattom Campus.
44.	Standardization of main panel board in the Finance building at SH Campus.
45.	Renovation of store area into Molecular Diagnostics class room in the Dept. Biotechnology
46.	Supply, installation, Testing and Commissioning of 20 passenger lift at Platinum Jubile, Academic Complex for School System (Phase I) Kariavattom Campus, Tvpm
47.	Amenity Building Interior works- S H Campus TVPM.

48.	Enclosing the sides of class rooms and auditorium in the UIT centre, Pirappancode, Tvpm.
49.	Power distribution board for connecting Air Conditioners in the second floor of Platinum Jubilee Academic block for CELK language Elicitation, documentation and research lab at Kariavattom Campus.
50.	Electrification works for Vertical Extension to the new block of Department of Environmental Science at Kariavattom Campus- Two floors
51.	Laying new Sewer line and alteration works for drainage connection at KUCTE, Kumarapuram
52.	Renovation of KUSH corporation society at Kariavattom, Campus
53.	Tiling of floor and providing grill to the Varanda in the Department of Statistics at Kariavattom
54.	Additional security measures in SH building
55.	Civil work in the Department of Computer Science at Kariavattom Campus using RUSA fund – procurement of furniture
56.	Supply & installation of Public address system in the Economics Seminar Hall at Kariavattom Campus
57.	Providing outdoor lights in the Kerala University Library at Palayam
58.	Modern recirculating aqua culture system near Hymavathy Pond for Centre for Marine Diversity at Kariavattom Campus
59.	Maintenance work in Physics Department in connection with setting up of Raman Lab at Kariavattom Campus
60.	Construction of new building for Biodiversity at Kariavattom Campus
61.	Electrification work for the Establishment of Geological Museum and Rock Garden at Kariavattom campus.
62.	Electrification Kerala University Staff Housing Society

Sl. No	ON GOING WORKS - 2019
1	Establishment of Geological Museum and Rock Garden at Kariavattom campus.
2	Electrification works for Conference Hall/Seminar Hall at Kariavattom
3	Vertical extension of new IMK IDE building construction of third floor at SH Campus, Thiruvananthapuram.
4	Construction of new Over Head Water Tank near Botany Department in University Campus, Kariavattom
5	Construction of horizontal extension to the existing Arts block II building for the Department of Archaeology at Kariavattom campus
6	CE building extension- interior work RUBCO
7	Setting up of resource centre in Kerala University Library (civil work)
8	Setting up of resource centre in Kerala University Library (electrical work)
9	Renovation of VC quarters at Kariavattom campus
10	Construction of new room for Hebarium for Department of Botany
11	Electrical work for the new building for the centre for Nano Science & Nano Technology

Sl. No	New Proposals
1	Renovation works to the Old Guest House building in SH Campus, Thiruvananthapuram utilizing RUSA funds
2	Construction of chancellors Academic Multiplex at Kariavattom campus
3	Electrical works for vertical extension of Kerala University Library building at SH Campus, Thiruvananthapuram.
4	Renovation of toilet of SDE at SH campus

5	Installation of waste treatment plant (BIO GAS Plant with bio-incinerator) at Senate House Campus, Thiruvananthapuram for new canteen building
6	Record room at SH Campus, Thiruvananthapuram
7	Yard development of School at Kariavattom
8	KUCTE Kulakkada - Renovation of buildings
9	CE building Lift at SH Campus, Thiruvananthapuram
10	Supply & Installation of fuel free solid waste disposal system and construction of new toilets at University Stadium
11	Re-laying the roofing with Railway pattern tiles for ORI at Kariavattom campus
12	Repair & general maintenance to NSS building at SH Campus, Thiruvananthapuram
13	Construction of a building for School of Communication & Library at Kariavattom campus
14	Construction of new Hostel building for Men & ICCR Students at Kariavattom campus
15	Augmentation of water supply system at SH Campus
16	Providing hydraulic lift at Department of Bioinformatics at Kariavattom campus
17	Providing light roofing to the Galary of G.V.Raja Pavilion and painting of internal walls in the Department of Physical Education – PMG

In addition to the above major works, the Engineering Unit has completed more than 300 minor repair and maintenance works in its campus.

## DEPARTMENT OF MALAYALAM LEXICON

**Head of the Department: Dr. Seema Jerome**  
**Activities**

Department of Malayalam Lexicon is actively involved in the preparation of the X volume of Malayalam Lexicon. Identification of the entries is in the final

stage and the editing of the draft also going in full swing.

Conduct of a National Workshop on Lexicography from 25.02.2019 to 28.02.2019.

## DEPARTMENT OF PUBLICATIONS

**Director: Sri. Joe Joseph**

The University Department of Publications is engaged in the Publications and sale of Text books prescribed for University courses, the Department also undertakes the Publication and sale of General books of high academic and social relevance. During the year 2019 the Department published the following books.

**General Books**

വില്യം ഷേക്സ്പിയർ

Hortus Malabaricus (English Edition)

Personality of Kerala

Dutch Hegemony in Malabar and its Collapse

പുസ്തകങ്ങളുടെ മഹച്ചരിതങ്ങൾ

വോൾട്ടയർ

**Text books**

ഉദ്യോഗാർത്ഥി

നിരൂപണഭാരതി

ദൃശ്യഭാരതി

സാങ്കേതികപഥം

പരിസ്ഥിതി ദലിത്തെയുടേത് പെണ്ണുഴുത്ത് : ദർശനവും പ്രയോഗവും  
Glimpses of Literature (Re-print)

Bouquet of Stories (Re-print)

കാവ്യമാലിക (Re-print)

ഗദ്യഭാരതി (Re-print)

Naveen Sankalan (Re-print)

The Department has participated in the World Book Fair at New Delhi from 05.01.2019 to 13.01.2019 conducted by National Book Trust, India, National Book Festival at Thrissur from 02.02.2019 to 11.02.2019 conducted by Kerala Sahithya Academy and Kochi International Book Festival from 29.11.2019 to 08.12.2019 conducted by the Antharashtra Pusthakolsava Samithi, Kochi, where we were able to introduce our Publications before the Book Lovers, Publishers, Distributors and Researchers. Enquiries from the public have been tremendous and the sale of Publications at the exhibition has increased.

The Department's Revenue from the sale of books and publications during the year 2019 is Rs.45,45,895/- (Rupees Forty five lakhs forty five thousand eight hundred and ninety five only).

## CENTRE FOR RURAL STUDIES

The Centre for Rural Studies has adopted a trans-disciplinary as well as interdisciplinary approach to rural development. The Centre aims to develop an alternative epistemology for rural development. The centre plans to focus its attention on issues having predominantly rural orientation. The centre takes up studies of contemporary relevance with an interdisciplinary focus.

The Centre for Rural Studies focuses its attention on the following areas:

1. Agriculture and allied sectors
2. Rural industrialization
3. Service Sector Development
4. Livelihood Security of the Poor/ Marginalized.
5. Rural Political Economy/ Political Ecology.
6. Decentralization and Participation Development.
7. Environmental Conservation and sustainable resource use.
8. Common property resources
9. Rural Governance and Management
10. Science, Technology and Alternatives
11. Social Conflicts and Tensions
12. Women Empowerment
13. Civil Society Activism.

The Centre envisages a three phase plan of activities

### A. Short Term Activities

1. Take up independent studies on issue highlighted above.
2. The Centre shall provide small grants to scholars for undertaking studies on contemporary relevance.
3. Establish a documentation centre and library. The documentation centre should collect information on various issues related to rural development.
4. Organize lectures, conferences, workshops on the above topic with multistakeholder participation.
5. Organise training programmes on sustainable agriculture, water management, CPR Governance, sustainable livelihood security and local resource planning.
6. Collaboration with academic institutions.
7. Starting a journal titled "Ruralia".

### B. Medium Term

The centre would start an M.Phil programme on Rural Studies.

### C. Long Term

Upgradation of the Centre to the status of a Department and starting of PG Programmes in Rural Studies.

## INTERNAL QUALITY ASSURANCE CELL (IQAC)

### Members:

1. The Vice - Chancellor (Chairman)
2. The Pro- Vice - Chancellor (Vice-Chairman)
3. Dr. S. Nazeeb, Member, Syndicate
4. Dr. K.G. Gopchandran, Member, Syndicate
5. The Registrar
6. The Finance Officer
7. The Vice - Chairman, Credit and Semester System
8. The Director, Computer Centre
9. The Chairman, Department Students' Union
10. The Chairman, Research Students' Union
11. Dr. Unnikrishnan S. M., Associate Vice – President, International Business & Strategic Planning, HLL Life care Ltd, Poojappura.
12. Dr. Biveesh U. C., Research Officer & Nodal Officer, RUSA State Office, Thiruvananthapuram.
13. Dr. A. K. Prasad, Professor, Department of Economics.
14. Dr. K. S. Chandrasekhar, Professor & Head, Institute of Management in Kerala
15. Dr. B. Hariharan, Professor, Institute of English
16. Dr. Jayachandran R., Professor and Head, Department of Hindi
17. Dr. R. B. Binoj Kumar, Associate Professor and Head, Department of Geology

18. Dr. S. Mini, Associate Professor & Head, Dept. of Biochemistry
19. Dr. S. R. Sheeja, Associate Professor of Economics, School of Distance Education
20. Dr. S. Aji, Assistant Professor, Department of Computer Science
21. Dr. E. Shaji, Assistant Professor, Department of Geology (Joint Director, IQAC)
22. Dr. Gabriel Simon Thattil, Director, IQAC

### 1. MEETINGS:

IQAC held 8 meetings in the year 2019 on the following dates: 10.01.2019, 13.02.2019, 10.04.2019, 31.05.2019, 03.07.2019, 14.10.2019, 16.10.2019 and 05.12.2019.

### 2. NIRF RANKING

University of Kerala was ranked at 22nd position among Universities and 35th position among all Higher Education Institutions in the country by NIRF, MHRD Govt. of India. Our University stood first among Universities in Kerala.

### 3. SCIENCE WEEK CELEBRATION

The Science Week celebrations of University of Kerala, organised by IQAC was inaugurated by Dr. V. P. Mahadevan Pillai, Vice Chancellor and Shri. M. C. Dathan, Scientific Advisor, Government of Kerala delivered the key-note address. In the inaugural day public lectures were delivered by Dr. Murukeshan Vadakke Matham (Director, Centre for Optical and

Laser Engineering (COLE), Nanyang Technological University, Singapore) and Dr. Jatin Rath, Professor, Department of Physics, Indian Institute of Technology Madras, Chennai.

The Science Week celebrations, organized for the first time in University of Kerala, with a week-long programmes involving public lectures and open house days concluded with the workshop on popular science writing. For the first time in Kerala, a unique programme titled “Three Minutes Thesis” was organized for all the research scholars of the University of Kerala. The major purpose of this competition is to equip the scholars, to communicate the topic of their research and findings of their study and their benefits to society or knowledge domain effectively to the public, in simple language. This will also help the young researchers to explain their findings to potential employers, funders and policymakers, besides improving their communication and presentation skills in front of a discerning audience. Separate Science week celebrations were organized by various teaching departments of the University.

#### **4. ANNUAL INTERDISCIPLINARY ACADEMIC MEET (AIAM) - 2K19**

A School level academic meet is organized by Schools under University in association with IQAC. The objective of the meet is to strengthen the school system in terms of promoting interdisciplinary learning, interdisciplinary research and innovation, student's startup and incubation for new ideas, better campus infrastructure and support services. It is proposed that each school has to host an Annual Interdisciplinary Academic Meet. Participants are students, teachers and scholars of the departments under the School. The event took the form of workshop, seminar, conference, panel discussion based on a chosen theme considering the disciplines under the School. Resource Persons/invited speakers/experts from outside would act as guest. In case of seminars and conferences, students, scholars and teachers to present Papers as part of the meet. The meet can also involve a workshop providing hands on training on research methods or on specific issues relating to research, however, school inclusiveness to be ensured. School of Earth System Sciences, School of Communication and Information Science, School of Technology, School of Business Management and Legal Studies, School of Physical and Mathematical Sciences and School of Life Science have conducted programmes under the scheme.

#### **5. INTERACTION WITH EMINENT SCHOLAR**

With a view to expose students, teachers and researchers of our University to the learning and research environment prevailing in institutions of repute (Indian & Global), IQAC is inviting proposals to bring eminent scholars including Nobel laureates to our campus. Such experts would interact with our scholars and enrich them in their learning and research activities. The teaching departments of the University are encouraged to identify an expert of international repute, relating to their field to interact with teachers, students and scholars. Teaching Departments of the University in association with

IQAC conducted interactive sessions with eminent scholars under the Programme “Interaction with Eminent Scholars”. Department of Zoology, Institute of English, Department of Chemistry, Department of Geology, Department of Optoelectronics, Department of Aquatic Biology and Fisheries, Department of Future Studies, etc organized sessions under the scheme.

#### **6. INTERACTION WITH NOBEL LAUREATE**

Internal Quality Assurance Cell(IQAC), University of Kerala hosted an interactive session with Ada E. Yonath, Nobel Laureate in Chemistry under the scheme Interaction with Eminent Scholar on 4<sup>th</sup> February 2019 venue being Sonata Hall, Mascot Hotel, Thiruvananthapuram. The invitees of programme were teachers and scholars under the Faculty of Science and Faculty of Applied Science and Technology, University of Kerala, Kariavattom. Fostering quality research and exposing our scholars to the best research practices is the objective behind the programme “Interaction with eminent Scholars”.

#### **7. STUDENT INDUCTION PROGRAM 2019**

University of Kerala organized a common induction programme for all students admitted to its various teaching departments in the academic year 2019 – 20. The objective of the programme is to acquaint students with the various academic and co – curricular support services offered by the University. This programme is in addition to the department level induction programme which focuses on career orientation, personality development and behavioral issues in addition to motivation to learn. The one day induction programme was held on 25<sup>th</sup> June 2019 at the Senate Hall, Palayam Campus. The Hon'ble Vice – Chancellor Prof. (Dr.) V. P. Mahadevan Pillai presided the function. Prominent speakers who would address the students would include:

- 1) Prof. V. K. Ramachandran, Vice – Chairman, Kerala State Planning Board.
- 2) Prof. (Dr.) Sabu Thomas, Vice – Chancellor, M.G. University, Kottayam.
- 3) Prof. S. K. Satheesh, Professor, Centre for Atmospheric and Oceanic Studies, Indian Institute of Science, Bengaluru.

Pro – Vice – Chancellor Prof. P. P. Ajayakumar, student leaders and other representatives offered felicitations. The induction lamp was formally lit by dignitaries and representative of students and parents.

#### **8. CURRICULUM FAIR**

Kerala University Curriculum Fair 2019 was organized under the joint auspices of Curriculum Development Centre, University of Kerala, IQAC, University of Kerala and FLAIR, Govt of Kerala. Altogether 66 posters articulating curriculum innovation which showed clear roadmap to encourage educators to challenge the conventional norms and think outside of the box to reach all types of learners with individualized styles were presented in the fair. Dr. Bindu R.L, Hon. Director, Curriculum Development Center and Head of the Department of Education was the Coordinator of the programmes. The posters presented in the three day fair generally provided strong support for student's social development and potential

platform for showcasing the reality that curriculum implementation is the reaction between the teachers, learners and other stake holders in education geared towards achieving the objectives of education. The Fair 2019 was also platform which collaborate the academic insight and strength of the faculty of Kerala University departments to translate their idea in to workable blueprints and to develop program for its successful implementation. Posters representing innovative ideas were invited from teachers, students and research scholar of Universities, Colleges and teacher education institutions.

#### 9. WORKSHOP ON OUTCOME BASED EDUCATION

The following three workshops were organized on Outcome Based Education to impart training on OBE to Chairpersons and members of various Board of Studies (BoS).

- On **14th may 2019** with **Dr.Gabriel Simon Thattil**, Director, IQAC as resource person
- On **1st June 2019** with **Dr. Edamana Prasad**, Professor, Department of Chemistry, IIT Madras, Chennai as the Resource Person.
- On **7th June 2019** with **Dr. Neeru Snehi**, Department of Higher and Professional Education, National Institute of Education Planning and Administration, New Delhi as the Resource Person.
- **23<sup>rd</sup> July 2019** with **Prof. E. Ramganes**, Professor, Bharathidasan University, and **Dr. Edamana Prasad**, Professor, IIT Madras

#### 10. FILE ADALATH

As per the directions from Kerala State Higher Education Department, A File Adalath has been conducted on 26/02/2019 in which Dr. K. T. Jaleel, Hon'ble Minister for Higher Education has presided. In addition to the Minister, Hon'ble Vice-Chancellor, Pro-Vice-Chancellor, Syndicate members, Registrar, Controller of Examination, Finance Officer and other allied officers attended the meeting. Students, research scholars, teachers, managers and College Principals have registered their complaints. Among the 130 applications received, 113 applications were online and 17 applications were offline. All the applications were scrutinized and decisions have been taken for each of the complaints. The minutes of the meeting is uploaded in the University website.

#### 11. SREE NARAYANA GURU INTERNATIONAL STUDY CENTRE

In the budget speech 2017-18, sanction has been accorded for institution of Sree Narayana Guru Study Centre for promoting the ideas, thoughts, social reforms and excellent contributions to the new generations of Sree Narayana Guru. Seminars, Symposiums, Talks etc are to be conducted under the proposed Centres. IQAC conducted essay writing and drawing competitions relating to Sree Narayana Guru's life and thoughts for High school students, Plus two students and non-students category.

#### 12. IDEA DAY – IDEA GENERATION PROCESS OF KERALA START-UP MISSION

Idea Day was conducted for students and scholars on 25<sup>th</sup> April 2019 on idea generation process of Kerala Startup Mission (KSUM). Students and scholars raised questions on new start-ups as well as clarification on the currently incubated start-ups.

#### 13. PRE-MONSOON CLEANING DRIVE PROGRAMME

University of Kerala intends to establish itself as a “zero waste green campus”. As part of the drive, a massive campus cleaning operation to be followed by implementation of waste management strategies as well as sustainable green campus development initiatives. Two cleaning drives were conducted as part of this mega cleaning drive– one at Kariavattom Campus on 9 May 2019 and another at Senate House Campus, Palayam on 20 May 2019. The Internal Quality Assurance Cell was entrusted the responsibility to coordinate the drive. Detailed instructions were given to the teaching departments of the University to conduct the cleaning drive.

#### 14. ORIENTATION PROGRAMME FOR TEACHERS ON MOOC AND E-CONTENT DEVELOPMENT

15. IQAC organized an orientation programme for teachers of our departments on MOOC and e-content development on 27<sup>th</sup> May, 2019 at Seminar Hall, Department of Botany, University of Kerala, Kariavattom. Dr. K. Satheesh Kumar, Assistant Professor and Head, Department of Futures Studies provided the orientation for faculty members in which teachers from 20 teaching departments our University participated.

#### 16. UGC NET COACHING- MAY/JUNE 2019

17. Kerala University Research Students' Union conducted the coaching classes for students appearing for UGC NET examination during June, 2019 and December, 2019. The UGC-NET coaching was organized at all the Saturdays and Sundays and from 10 am to 4.30 pm.

#### 18. K-DISC YOUNG INNOVATORS' PROGRAM - IDEA GENERATION AS PER KERALA DEVELOPMENT AND INNOVATION STRATEGIC COUNCIL (K-DISC) GUIDELINES

19. A meeting of all students in our teaching department was conducted on 12th April 2019 at Seminar Hall, Department of Aquatic Biology to discuss the promotion of Idea Generation as per Kerala Development and Innovation Strategic Council (K-DISC) guidelines. Facilitators and mentors are nominated as instructed by K-DISC.

#### 20. WORKSHOP ON RIGHT TO SERVICE CHARTER

A workshop on Right to Service Charter to frame a service a Service Charter for the University was organized on April 26, 2019 at Senate Chamber.

#### 21. KSUM INCUBATOR YATRA

KSUM, Incubation Yatra is organized specifically to promote start-ups and create awareness on the KSUM support mechanisms. Experts from KSUM interacted with students and teachers of the University and had a close interface with currently operational start-up owners and mentors of the University.. The Yatra was given a reception by Kerala University Technology Business Start-up Centre (KU- TBSC) in association with Internal Quality Assurance Cell (IQAC), venue being School of Business Management and Legal Studies, Kariavattom campus, University of Kerala.

## **22. COLLABORATION ON THE SKILL DEVELOPMENT INITIATIVES FOR THE UNIVERSITY**

A University Level Monitoring Committee for the execution of ASAP programme of Life skills for Transformative Learning, University of Kerala and ASAP Greenroom for PG students was constituted.

## **23. PARTICIPATED IN THE SURVEY OF “TOP 25 UNIVERSITIES IN INDIA 2019” BY HIGHER EDUCATION MAGAZINE**

Higher Education Review Magazine has invited our University to participate in the 6th edition of the survey “Top 25 Universities in India Survey 2019”. They have also sought our interest to showcase University of Kerala through a two page advertisement in the same. Our University is shortlisted in the top 25 Universities in India Survey 2019.

## **24. LAUNCH OF AACHARYA APP**

A mobile application named “Aacharya” is being developed for the teachers in the Teaching Departments. Almost 95% of the works are already completed. Through this app, the teachers can easily update the academic contributions and the same will be reflected in the teacher profile of our University as well. There are nine modules in the app-publications, presentations, invited talks, patents, projects, etc. This app will definitely help the teachers to prepare their updated profile/data for different purposes. Data collection, on a one time basis, is in progress for uploading to the app.

## **25. DELIBERATION ON NATIONAL EDUCATION POLICY**

IQAC sought the opinion of all our stakeholders on National Education Policy 2019 at a session held on 17<sup>th</sup> July venue being Seminar Hall, Department of Aquatic Biology and Fisheries, Kariavattom. HODs, faculty members, administrative staff, students, parents, recognized union leaders of our teachers, students and staff submitted their learned views in writing at the session. IQAC consolidated the same and submitted the views expressed to MHRD, Govt. of India.

## **26. WASTE BINS FROM CLEAN KERALA COMPANY- DISTRIBUTION TO DEPARTMENTS**

The waste bins, supplied by the Clean Kerala Company Limited, have been distributed to all the teaching departments. Supply of 45 waste bins each for dry waste and wet waste is complete, Payment for the same to be made by the respective Departments.

## **27. CONDUCT OF ACADEMIC AUDIT**

Academic Audit is to be undertaken by each Department through a team of three experts who are Eminent Academicians/ Professionals/ Experts in the discipline and are external to the Department and the University. Auditors are to be identified in terms of experience, professional integrity and involvement in similar processes. The experts for Academic Audit are to be nominated by the Hon'ble Vice - Chancellor from a Panel proposed by the Head of the Department, Panel to include 10 experts.

## **28. ARTICLE - GANDHI IN ME**

As part of the 150th birthday of Mahatma Gandhi, IQAC invited entries from students, teachers, administrative officers including Statutory officer, Senate and Syndicate members and employees on how the Mahatma influenced them through a Gandhian philosophy, Gandhian thought, practice or experience and key learning drawn in their life. The articles received are being compiled.

## **29. WOMEN'S SELF DEFENSE TRAINING PROGRAMME**

The University of Kerala in association with Kerala Police Department has organized self-defense training programs for the girl students and women staff members, in various departments of the university. Currently, five programs were organized and two more will be organized this month. Participants received awareness about the steps to be taken in case of emergencies along with simple self defense practical sessions.

## **30. ONLINE STUDENT FEEDBACK**

An online portal for obtaining feedback of 4th semester students was developed by Computer Centre, University of Kerala and initiated the same to all Heads of the Department. The feedback received is being compiled. IQAC, in association with Computer Centre, is in the process of developing similar portals to take feedback of remaining semesters.

# **ASTRONOMICAL OBSERVATORY**

Est:- 1837

Director: Dr. V. Biju

Administrative/Technical Staff

1. Mr. Rahul Dev L- Technical Assistant (Contract)
2. Sky-Watch Program

Astronomical Observatory has been successfully conducting evening sky watching programs for students and general public.

3. Research, Popularisation and Public Outreach Activity

- (i) Astronomical Observatory has been providing authentic details on various astronomical phenomena to the public. Timing of sunrise, sunset and moon data set are also provided by Astronomical Observatory.

Special Skywatch Programs/Other events during 2018

- (i) Special Public Lecture and Sky watch event was conducted by Observatory, on July 16<sup>th</sup>, 2019 on the occasion of Partial Lunar Eclipse. The program was jointly organized by Dr. V Biju and Dr. Sibi K.S, Assistant Professor, Department of Physics, University of Kerala.
- (ii) Organized a special sky watch program and explanation cum awareness program for general public on 26<sup>th</sup> December 2019 during Annular Solar Eclipse.
- (iii) Shooting of a documentary on Astronomical Observatory using the Funding of KSCSTE under Dr. Sibi K S, Department of Physics as Coordinator is presently underway and is nearing completion



## CENTRES

### STATE INTER-UNIVERSITY CENTRE OF EXCELLENCE IN BIOINFORMATICS

**Director: Dr Achuthsankar S Nair**

This centre co-exists seamlessly with Dept of Computational Biology and Bioinformatics and all non-teaching activities of the Dept falling under the purview of the centre are jointly organised with this centre.

### CENTRE OF EXCELLENCE IN AYURINFORMATICS AND CADD

**Director: Dr Achuthsankar S Nair**

This centre co-exists seamlessly with Dept of Computational Biology and Bioinformatics and all non-teaching activities of the Dept falling under the purview of the centre are jointly organised with this centre.

### CENTRE FOR VENOM INFORMATICS

**Director: Dr Oommen V Oommen**

This centre co-exists seamlessly with Dept of Computational Biology and Bioinformatics and all non-teaching activities of the Dept falling under the purview of the centre are jointly organised with this centre.

### CENTRE FOR ADVANCED MATERIALS RESEARCH COMMON ACTIVITIES

1. 2. Details of papers published by the faculty members of the centre in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.
- T.S. Anirudhan, Syam S. Nair, Development of voltage gated transdermal drug delivery platform to impose synergistic enhancement in skin permeation using electroporation and gold nanoparticle. *Materials Science and Engineering: C*, 102 (2019) 437-446. <https://doi.org/10.1016/j.msec.2019.04.044>. Impact Factor: **4.905**
- T.S. Anirudhan, Chithra Sekhar V., Syam S. Nair, Polyelectrolyte complexes of carboxymethyl chitosan/alginate based drug carrier for targeted and controlled release of dual drug. *Journal of Drug Delivery Science and Technology*, 51 (2019) 569–582. <https://doi.org/10.1016/j.jddst.2019.03.036>. Impact Factor: **2.606**
- Anirudhan T. S., Chithra Sekhar V., Shainy F., Jefin P. Thomas, Effect of dual stimuli responsive

dextran/nanocellulose polyelectrolyte complexes for chemophotothermal synergistic cancer therapy. *International Journal of Biological Macromolecules*, 135 (2019) 776–789. <https://doi.org/10.1016/j.ijbiomac.2019.05.218>, Impact Factor: 4.784

- T. S. Anirudhan, S. Madanan Anju, Synthesis and evaluation of TiO<sub>2</sub> nanotubes/silylated graphene oxide-based molecularly imprinted polymer for the selective adsorption and subsequent photocatalytic degradation of 2,4-Dichlorophenoxyacetic acid. *Journal of Environmental Chemical Engineering*, 7, (2019) 103355. <https://doi.org/10.1016/j.jece.2019.103355>, Impact Factor :1.198
  - RaneeshKonnola, Thayyath S Anirudhan, Efficient carbon dioxide capture by nitrogen and sulfur dual-doped mesoporous carbon spheres from polybenzoxazines synthesized by a simple strategy, RaneeshKonnola, Thayyath S Anirudhan, *Journal of Environmental Chemical Engineering*, Accepted Date: 15 December 2019, <https://doi.org/10.1016/j.jece.2019.103614>. Impact Factor :4.02
  - ThayyathSreenivasanAnirudhan and A. M. Manasa, S, Novel pH/reduction responsive graphene oxide nanoparticles based hydrogel for targeted combination chemotherapy, *International Journal of Polymeric Materials and Polymeric Biomaterials*, Accepted date : 16 December 2019, <https://doi.org/10.1080/00914037.2019.170651>. Impact Factor : 2.263
  - T. S Anirudhan, J Christa Temperature and pH sensitive multi-functional magnetic nanocomposite for the controlled delivery of 5-fluorouracil, an anticancer drug, *Journal of Drug Delivery Science and Technology*, 2019, <https://doi.org/10.1016/j.jddst.2019.101476>. Impact Factor : 2.606
2. 3. No. of PhD theses awarded: 4
    - No. of PhD theses submitted: 2
    - No. of M. Phil dissertations awarded: 3
    - No. of M. Phil dissertations submitted : 3
  3. 13. Major equipments purchased during the year:

Sl. No	Name of the equipment	Cost	Source of fund	Purpose/ use
1	UV- Vis NIR Spectrophotometer (Lambda-950) -Perkin Elmer	USD: 43,000/:	University of Kerala	To estimate the concentration of chemical species
2	Digital Rotary Viscometer (AVIS-AI) - Analytical Technologies	Rs.7,38,893/:	Govt of Kerala	To determine viscosity of polymer solutions
3	Dynamic Light Scattering (LITE-SIZER-500) - Anton Paar, Pvt Ltd	Rs. 26,16,169/:	Govt of Kerala	To determine the zeta potentials and size of the nanomaterials

4. .. Details of eminent personalities visited in the centre: Nil.

#### C. CONTRIBUTION AT INDIVIDUAL LEVEL

1. Name of faculty: Prof. Dr. T.S. Anirudhan
2. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.: 7
3. No. of presentations in conferences/ seminars (indicate oral/ poster)
  - Shainy F., Anirudhan T.S., Facile fabrication of polypyrrole/carboxyl functionalized graphene oxide/ titanium dioxide composites for the effective degradation of rhodamine B from aqueous solutions, 17<sup>th</sup> Prof. K V Thomas Endowment Seminar & Second International Symposium on New Trends in Applied Chemistry (NTAC- 2019) held on 14-15 January 2019 at Crown Plaza, Kochi.
  - Chithra Sekhar V, Anirudhan T S, Design and Evaluation of structural and in-vitro characterization of chitosan functionalized layered double hydroxide nanocomposite: A versatile nano-composite for dual responsive anti-cancer drug delivery at 31<sup>th</sup> Kerala Science Congress organized by the Kerala State Council for Science Technology and Environment and Jawaharlal Nehru Tropical Botanical Garden and Research Institute on February 2 – 3, 2019 at Fatima Mata National College, Kollam.
  - Shainy F., Anirudhan T S, Synthesis and characterization of nano hydroxyl apatite decorated carboxyl functionalized graphene oxide/titaniumdioxide composites for the effective degradation of Chlorpyrifos from aqueous solutions at 31<sup>th</sup> Kerala Science Congress organized by the Kerala State Council for Science Technology and Environment and Jawaharlal Nehru Tropical Botanical Garden and Research Institute on February 2 –3, 2019 at Fatima Mata National College, Kollam.
  - Athira V S, Anirudhan T S, Molecularly Imprinted Conducting Polymer for Electrochemical Sensing of Chlorpyrifos at 31<sup>th</sup> Kerala Science Congress organized by the Kerala State Council for Science Technology and Environment and Jawaharlal Nehru Tropical Botanical Garden and Research Institute on February 2 – 3, 2019 at Fatima Mata National College, Kollam.
  - Anirudhan T S, Athira V S, MWCNT based gold cross-linked molecularly imprinted Conducting polymers composite for the electrochemical sensing of Enrofloxacin, National Seminar on Advanced Functional Materials for Analytical, Energy, Environmental and Biomedical Applications (NSAFM 2019) sponsored by University of Kerala, Organized by Department of Chemistry, University of Kerala, Kariavattom on 25-27 March 2019.
  - Anirudhan T S, Chithra Sekhar V, Layer by Layer Assembly of dual stimulairesponsivedextran/nanocellulose polyelectrolyte complexes for

chemophotothermal cancer therapy, National Seminar on Advanced Functional Materials for Analytical, Energy, Environmental and Biomedical Applications (NSAFM 2019) sponsored by University of Kerala, Organized by Department of Chemistry, University of Kerala, Kariavattom on 25-27 March 2019.

- Athira Mani, T. S. Anirudhan, Molecularly Imprinted Electrochemical Sensing Platform for 2-Aminoadipic Acid, A Biomarker for Diabetes, Advances in earth and environmental changes (AEES-2019), Organized by school of earth system sciences, University of kerala, 20 september 2019.
  - Resmi K., T. S. Anirudhan Preparation and Charecterisation of Molecularly Imprinted Polymer for Epinephrine: Neurotransmitter, Advances in earth and environmental changes (AEES-2019), Organized by school of earth system sciences, University of kerala, 20 september 2019
  - Athira Mani, T. S. Anirudhan, Molecularly Imprinted Electrochemical Sensing Platform for 2-Aminoadipic Acid, A Diabetic Biomarker, "Recent Biochemical approaches in Therapeutics (RBAT VI), Organized by department of biochemistry, University of kerala, 11 december 2019.
  - Rajimon K. J., T. S. Anirudhan, Synthesis and Charecterisation of a novel drug carrier based on graphene oxide for the controlled end targeted delivery of anticancer drug. "International Seminar on LIFE SCIENCES FOR SUSTAINABLE DEVELOPMENT: ISSUES AND CHALLENGES, Department of Botany, University college, Thiruvananthapuram, October 3-5, 2019.
  - Rajimon K. J., T. S. Anirudhan, Synthesis and Charecterisation of a novel drug carrier based on graphene oxide for the controlled end targeted delivery of anticancer drug. ONEDAY SEMINAR Twinning Ozone with Life OZONE DAY CELEBRATIONS 2019, Organised by the Department of education, University of Kerala in Collaboration with KSCST, 8 september 2019.
4. No. of PhD theses awarded: 4
  5. No. of PhD thesis submitted: 2
  6. No. of MPhil dissertations awarded: 3
  7. No. of MPhil dissertations submitted: 3
  8. Involvement in academic bodies as dean, academic council/ board of studies member etc.
    - Member, Board of Studies in Chemistry, University of Kerala, Trivandrum
    - Member/Chairman, Board of Studies in Polymer Chemistry, University of Kerala, Trivandrum
    - Member, Board of Studies in Applied Chemistry, CUSAT, Kochi
    - Member, Board of Studies in Marine Chemistry, Kerala University of Fisheries and Ocean Studies, Kochi
    - Academic council member, Fatima Mata National College, Kollam

- Member, Board of Studies in Chemistry, Fatima Mata National College, Kollam
- Member, Board of Studies in Chemistry, Mar Ivanios College, Trivandrum
- 9. Service as reviewer of journals/ seminar papers (give details)
- Reviewed 3 research papers of International Journal of Biological Macromolecules (Elsevier Publication)
- Reviewed 2 research paper of Carbohydrate Polymer (Elsevier Publication)
- Reviewed 2 research paper of Journal of Drug Delivery Science and Technology(Elsevier Publication)
- Reviewed 1 research paper of Indian Journal of Chemistry, Sec A (CSIR-NISCAIR publication)
- 10. Public talks/ discussions over AIR/ television channels: Introduction of Credits and Semester System: PG and M.Phil Programmes of Kerala University Teaching and Research Departemnts-2019 Admissions : Doordarshan Channel Live telecast from Trivandrum

## CENTRE FOR PHILOSOPHICAL COUNSELLING & RESEARCH, DEPARTMENT OF PHILOSOPHY

Year of Establishment: 2019

### Faculty of Arts

#### A. Centre Profile

##### 4. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Dr. Beena Isaac	F	MA.Ph.D.	Director & Professor

##### Programmes offered

Name of programme	strength		Female	Transgender	SC	ST	Other reserved categories	Out-side state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actual								
PG Diplo-ma in Phil-osophical counselling	20		6							

#### B. COMMON ACTIVITIES

1. Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.
  - Philosophical counselling for beginners published by Southern book star, Thiruvananthapuram-New Delhi – ISBN No. 81-86660-35-6
2. Details of book edited/ published by the faculty members of the department with title, ISBN, publisher, month/ year.
  - The words of wisdom for hermeneutical Awareness- Book-Philosophical perspectives of hermeneutical published by Govt. College for women- Thiruvananthapuram. ISBN No. 978-81923313-0-0
3. No. of PhD theses awarded. **1**
4. No. of PhD theses submitted. **2**
5. No. of M. Phil dissertations awarded. **2**
6. No. of M. Phil dissertations submitted. **2**
7. 18. Students who cleared GATE/NET/SET etc. - 1 no. (NET)
8. 20. No of funded projects active during the year: (Project name, funding aganecy, total outlay)
  - **Innovative Project, Studying the counselling Aspects in Philosophy in Yogasutra, University of Kerala**
9. Details of community outreach programmes (Please give a brief description)
  - **International Yoga day celebration**
10. Other major achievements and activities, including invited lectures, interactions, get together etc.
  - **Started Centre for Philosophical Counselling & Research**

#### C. CONTRIBUTION AT INDIVIDUAL LEVEL

Name of faculty:1. Dr. Beena Isaac, Preofessor

2. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc.
  - The cogent mental health therapy: A Holistic Vision of Philosophical Counselling *ISDA Journal*-ISSN-09712550
3. 4. No. of book edited/ published with ISBN
  - **Philosophical counselling for beginners published by Southern book star, Thiruvananthapuram-New Delhi – ISBN No. 81-86660-35-6**
4. No. of PhD theses awarded 1
5. No. of PhD thesis submitted 2
6. No. of MPhil dissertations awarded 2
7. No. of MPhil dissertations submitted 2
8. Any other activities.
  - Debate Club, Film Club, Sports Club
  - Post-doctoral fellow –Sponsored by Indian Council for Philosophical Research.

## SURVEY RESEARCH CENTRE

Year of establishment : 1979

Faculty of Social Sciences

### A. CENTRES PROFILE

#### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1.	DR.JOSUKUTTY C.A	Male	Mphil.PhD	Associate Professor & Director, Survey Research Centre

#### 2. Administrative staff -1 (F)

### B. COMMON ACTIVITIES

1. Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.
  - Josukutty C.A.( 2019), Nineteenth Lok Sabh Elections: Factors and Issues (UGC approved.No. 63880 in Social Science ISSN 09755497), Social Science in Perspective, October-December 2019, Vol. 10, No. 3 pp.315-334, ISSN 0975-5497.
2. Details of papers published by the faculty members of the department as chapters in books with details such as title of the paper, title of the book, editors, publisher, etc.
  - “Nature and Dynamics of Religion Oriented Politics in Kerala”, in Narender Kumar(etc.), Politics and Religion in India, Routledge, New York, pp-124-38.
  - “The Maritime Transformation of Asia-Pacific: Interdependence and Security: Indian and Japanese Visions” in India and Japan ; Growing Partnership and Opportunities for Cooperation, CPPR -Centre for Strategic Studies, Kochi, pp- 27-37, 2018, ISBN (E-book edition):978-81-930004-6-5.
3. Details of articles published by the faculty members of the department in scholarly magazines, bulletins or news papers.
  - Article on Politics of Lok Sabha Elections 19-01-2019 Kerala Kaumudi
  - Article on Perception creation in campaign politics 26-03-2019 Kerala Kaumudi
  - Article on US election 29-04-2019 Kerala Kaumudi
4. No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any.)
  - “Emerging Debt Trap Diplomacy and People to people Bonds in Belt and Road Initiative” National Social Science Fund of China, Chinese RMB 200, 000 (Indian Rupees 2025000/-), 2019-22, Ongoing, Josukutty C.A- co-Investigator.
  - State of Politics Survey Midway Evaluation of LDF Government in Kerala, University of Kerala, March 2019, Rs. 400000/- Four lakhs, 2019-20, Ongoing, Josukutty C.A- Principal Investigator.
  - Role of States in India’s foreign Policy, University of Kerala, Rs. 300000/-, 2018-20, Ongoing Josukutty C.A- Principal Investigator.
  - Opinion Study on Entry of Women into Sabarimala: Issues involved, University of Kerala, Rs/- 1,78,800/- March 20-18-19, Completed, Josukutty C.A- Principal Investigator.
  - Pre-poll study Pala, by-election, University of Kerala, Rs 80,000/- 2019-20, Completed, Josukutty C.A- Principal Investigator.
5. No. of PhD theses awarded.1

6. No. of PhD theses submitted.1
7. No of funded projects active during the year:  
(Project name, funding agency, total outlay)
  - “Emerging Debt Trap Diplomacy and People to people Bonds in Belt and Road Initiative” National Social Science Fund of China, Chinese RMB 200, 000 (Indian Rupees 2025000/-), 2019-22, Ongoing, Josukutty C.A- co-Investigator.
  - State of Politics Survey Midway Evaluation of LDF Government in Kerala, University of Kerala, March 2019, Rs. 400000/- Four lakhs, 2019-20, Ongoing, Josukutty C.A- Principal Investigator.
  - Role of States in India’s foreign Policy, University of Kerala, Rs. 300000/-, 2018-20, Ongoing Josukutty C.A- Principal Investigator.
  - Opinion Study on Entry of Women into Sabarimala: Issues involved, University of Kerala, Rs/- 1,78,800/- March 20-18-19, Completed, Josukutty C.A- Principal Investigator.
  - Pre-poll study Pala, by-election, University of Kerala, Rs 80,000/- 2019-20, Completed, Josukutty C.A- Principal Investigator

C. CONTRIBUTION AT INDIVIDUAL LEVEL

**Josukutty C.A, Associate Professor & Director**

9. No. of papers published in other peer reviewed journals with ISSN etc.
  - Josukutty C.A. ( 2019), Nineteenth Lok Sabh Elections: Factors and Issues ( UGC approved.No. 63880 in Social Science ISSN 09755497), Social Science in Perspective, October-December 2019, Vol. 10, No. 3 pp.315-334, ISSN 0975-5497.
10. No. of papers published as chapters in books ;two
  - “Nature and Dynamics of Religion Oriented Politics in Kerala”, in Narender Kumar(etc.), Politics and Religion in India, Routledge, New York, pp-124-38.
  - “The Maritime Transformation of Asia-Pacific: Interdependence and Security: Indian and Japanese Visions” in India and Japan ; Growing Partnership and Opportunities for Cooperation, CPPR -Centre for Strategic Studies, Kochi, pp- 27-37, 2018, ISBN (E-book edition):978-81-930004-6-5.
11. No. of presentations in conferences/ seminars (indicate oral/ poster) 7 ( Oral)
  - **India’s US Policy: From No Stratey to Unceratain Strategy** at the Three Day National Conference on India’s Strategic Culture and Policy Options February 25-27, 2019 organized by the Department of Political Science and Intenational Studies at Pndicherry.
  - Paper on *Rights of Indian Women: A Critical Review* at the international seminar on Human Rights Protection : Role of State, Media and Literature at the Department of Political Science Government College Kottayam on January 17, 2019.
  - Presented paper on India and US Strategic Partnership in the Indo-pacific : A Maritime Security Perspective at the three National Seminar on Maritime Security of India : Challenges and

- Policy Options organised by the V.K.Krishana Menon Study Centre for International Relations Department of Political Science, University of Kerala 29, 30 &31, January st 2019
  - Paper on Growing Chinese Influence in Sri Lanka: What is at Stake for India at the three day international seminar on **Political Dynamics of Sri Lanka : Implications for India and the Indian Ocean Region** at the Department of Political Science University of Calicut during January 17-19, 2019.
  - **Paper on The Maritime Transformation of Asia-Pacific: Interdependence and Security: Comparing Indian and Japanese visions** at the **International Conference** on India- Japan relations organised by Centre for Strategic Studies of Centre for Public Policy Research, Consulate-General in Japan for Chennai, 26-27th of February 2019, Kochi, India
  - Paper on **How Non-Nehruvian is Modi’s Foreign Policy** at the three day **International Conference** on Secularism, Democracy and nation Building: Nehru’s Vision and Philosophy, organised by the UGC Nehru Studies Centre, Department of Politics University of Kerala. 19 to 21 st March 2019, Trivandrum India
  - Paper on Indo-US Strategic Alliance iin the Indo-Pacific at the international **Conference Geopolitics of Indo-Pacific: Perceptions, Opportunities and Challenges Organised by the** Department of Political Science, University of Kerala. during December 11-13, 2019 at Hotel SP Grand Days Trivandrum, Kerala.
12. No. of PhD thesis submitted - 1
  13. No. of MPhil dissertations awarded - 1
  14. No. of MPhil dissertations submitted - 2
  15. Involvement in academic bodies as dean, academic council/ board of studies member etc.
    - Member, Board of Studies, Political Science, mar Ivanios College,
 (Autonomous)
  16. Served as Chair/ member of committees/ boards/ councils/ commissions etc.
    - Associate Editor, Journal of Polity and Society, Published by the Department of Political Science, University of Kerala.
    - Reviewer Journal named “TKM Arts college International Journal for Multidisciplinary Research (TIJMR).
  17. Activities in clubs, associations, NSS etc
    - General secretary, Association of Political Scientists Kerala
    - Life Member, Kerala International Centre. Thiruvananthapuram, Keralas since 2011
    - Life Member, Indian Political Science Association since 2008
    - Life Member, Institute for the Study of Developing Areas. Thiruvananthapuram, since 2007
    - Member of Executive Committee, SIASN (South India American Studies Network), Kerala Chapter since 2011

- Coordinator of the Village Adoption – Amabalathinkara Settlement Colony- of the Department of Political Science University of Kerala.
- 18. Details of international/ national/ state awards/ recognitions received.
- 19. Public talks/ discussions over AIR/ television channels
  - Participated in over 30 Television Discussions in Door Darshan, Asianet News, Manorama News, Mathrubhumi News, NDTV, Jai Hind, News 18, and Janam and ACV.
  - Two discussions in All India Radio National Politics
  - Delivered Eight Lectures in UGC Human Resources Development Centre at Kannur and Kerala Universities.
- Delivered three lectures at the Higher Secondary School Teachers Transformation Programme under the SCERT at St. John's College Anchal and Govt. College Chalakudy.
- One Special lecture on Introduction to Human Rights at the Induction Training Programme for college and university Teachers organised by the School of Education, Central University of Kerala, Kasargodu
- Any other activities.
  - Have Initiated two MoUs with the University of Warsaw, Poland and Shandong University, China
  - Have Initiated a Joint Project under Erasmus+ Programme Capacity Building in the Field of Higher Education ( funded by European Union ) with Warsaw University for 2020.

## INTER UNIVERSITY CENTRE FOR GENOMICS & GENE TECHNOLOGY

### 1. Teaching Staff

List in order of seniority, with designation and highest two qualifications. Indicate M/F along with each name

Name	Designation	Qualification	M/F
Dr. A. Jayakumaran Nair	Director	M.Sc Ph.D	M
Dr. E.K. Krishnapriya	Research Associate	M Sc, PhD	F
Dr. F. Nadiya	Research Associate	M Sc, PhD	F
Dr. P.S. Hareesh	SERB-National Post Doctoral fellow	M.Sc Ph.D	M
Dr. S.J. Soumya (Resigned on June 2019)	SERB – Young Scientist fellow	M.Sc Ph.D	F
Dr. Sajeesh Kappachery (Resigned on September 2019)	SERB-National Post Doctoral fellow	M.Sc Ph.D	M
Ms. B. Surumi	Junior Research Fellow	M.Sc	F
Ms. Katherine Francis	Junior Research Fellow	MSc	F
Ms. Jero Mathu	Junior Research Fellow	MSc	F
Mr. Vishnu Sanjeev	Technical Assistant	M.Sc	M

### 2. Administrative staff - 3 nos. (F)

### 3. Programmes offered - Current Strength & Details

List Nomenclatures of Programmes offered, with specialisation

#### Details

Programme & Seats	Strength	Females	SC	ST	Other res. categories	Outside state	Foreign	Pass %
Masters	NIL							
MPhil	NIL							
PhD	3	3	-	-	-	-	-	NA
Postdoc	3	3	-	-	-			NA
PG Diploma (10)	NIL					-	-	

## B. COMMON DEPARTMENT ACTIVITIES

1. Journals, if any, published by the Dept, with ISSN and no of issues - NO

2. Placement Details

Name	Placement Details
Dr. S.J. Soumya	She is working as Guest Lecturer, Department of Biochemistry, Govt. Arts College, Trivandrum
Dr. Sajeesh Kappachery	He is working as Research Associate at Rajiv Gandhi Centre for Biotechnology

3. Students who cleared GATE/NET/SET etc with names – 1 No. (NET)

4. Major Conferences/Seminars etc organised by the Dept

(Give name, no of days, number of participants etc)

Name	No. of days	Number of participants
Workshop On “DNA SEQUENCING AND ANALYSIS” Focuses on DNA Sequencing by Sangers/NGS Methods and Data Analysis 28th January 2019 -1st February 2019	5	15
Recent Trends & Advancements in Regenerative Medicine & The Role of Omics And Biomarkers in Health on February 28-March 2, 2019	3	Approx. 250
National Seminar on Viral Genomics: Its Implications in Viral Diagnosis and Disease Control on March 14, 2019	1	Approx. 200
National Workshop on Intellectual Property Rights on March 26, 2019	1	Approx. 70
National Seminar on Recent Progress in Genetic and Epigenetic Research on October 15, 2019	1	Approx. 150
National Workshop On “DNA SEQUENCING AND ANALYSIS” from December 2-7, 2019	5	20
National Seminar on Epidemiology of Viral Diseases on December 18, 2019	1	Approx. 150

5. No of funded projects active during the year

Project name, funding agency, total outlay

Name of PI/Post-doc fellows	Project Name	Funding Agency	Total Outlay
Dr. Hareesh P. S. (SERB NPDP)	Targeting Viral Silencing <i>Supressors</i> and RISC cleavage hotspots in conserved functional domains for artificial miRNA mediated virus resistance in black pepper ( <i>Piper nigrum</i> L.)	SERB (DST), Govt. Of India	Rs. 1920000/-
Dr. Soumya S. J. (SERB-Young Scientist)	Nanomaterial based biosensing for detecting hypoxia and induction of angiogenesis	SERB (DST), Govt. Of India	Rs. 3825000
Dr. Sajeesh Kappachery (SERB – NPDP)	Marker assisted selection of salt tolerant Soybean varieties for cultivation as a forage crop in saline barren lands of North-Kerala and a study on the functional effect of sequence variations in GmSALT3 gene on salt tolerance	SERB (DST), Govt. Of India	Rs. 1920000/-

**6. Details of Consultancy work active during the year**

Project name, funding agency, total outlay

**We undertake dissertation works of MSc and MPhil students**

- Completed project work of Ms. Jasmine, M.Sc Botany student and KSCSTE-Aspire fellow from CMS College, Kottayam
- Project work of Ms. Akshaya, Integrated M.Sc

Biotechnology student from Bharathidasan University

- Completed project work of Mr. Abin, MPhil, Department of Botany, University of Kerala
  - Project work of 11 M.Sc Biotechnology students from Dept. of Biotechnology, University of Kerala
7. Major equipments purchased during the year (>5 lakhs)  
(name, cost, source of funds)

Name	Cost	Source of funds
CFX Real Time PCR	Rs. 15 lakhs	Department of Higher Education, Govt. of Kerala

8. Major developmental activity like construction etc
- A class room was constructed for PG Diploma in Molecular Diagnostics**
9. Community Outreach Programmes (To society in general/ Schools in Particular)
- We train students from colleges and other Universities and extend our expertise and facility to do their research and academic activities.**
  - One month wet lab training to M.Sc Environmental Science students from All Saints College, Thiruvananthapuram
  - Laboratory techniques training to Ms. Neethu, MDS graduate
  - One month wet lab job training to Ms. Aswani Sureshababu, B.Sc.- M.Sc. (Integrated) Biotechnology Course, College of Agriculture, Vellayani, Kerala Agricultural University
  - qPCR and primer designing techniques training to Ms. Anjali, Department of Aquatic Biology, University of Kerala
  - Two months training (Gene Expression Studies) to Dr. Abitha Murali, DST-Women Scientist-A (LS 407/2013)

**INTERNSHIP COMPLETED**

- Navya S, SRM University, Chennai

**FACILITATION WORK**

- Cytotoxicity assay**
- Dr. Ambily, KSCSTE-PDF scholar from Dept. of Bioinformatics, University of Kerala
  - Ms. Chinchu, research scholar from Dept. of Bioinformatics, University of Kerala
  - Reshmi, ICMR-SRF from Biotechnology and Bioinformatics Division, JNTBGRI
- HPLC**

- Ms. Shyamili, Research Scholar from Dept. of Botany, University of Kerala
  - Dr. Chithra from College of Agriculture, Vellayani, Kerala Agricultural University
  - Ms. Remi, Assistant Professor, College of Pharmacy, Trivandrum Medical College.
  - Dr. Ali Fathima MDS, Sree Sankara Dental College, Varkala
  - Roshin Elizabeth, BioVent
- Quantitative Realtime PCR**
- Dr. Lekshmi S, Junior Scientist, HLL CRDC
  - Mr. Srikanth, Junior Scientist, HLL
  - Shijina Beegum, Department of Biochemistry, University of Kerala
  - Sruthy R Krishnan, Department of Biochemistry, University of Kerala
  - Aswani SS, Department of Biochemistry, University of Kerala
  - Adithya Krishnan, Department of Biochemistry, University of Kerala
- Flowcytometry Assay**
- Mrs. Lekshmi Priya, SD College, Alappuzha
10. OTHER EVENTS IN DEPT (Invited lectures, interactions, get together etc).

Title, full name of speaker with affiliation and date alone.

- Lecture by Dr. Ram H. Nagaraj, University of Colorado, on December 10, 2019

11. Any other major achievement

**C. CONTRIBUTION AT INDIVIDUAL LEVEL**

- JOURNAL PUBLICATIONS, give in standard citation style, (In case of Science/Applied Science, impact factor to be shown at end in brackets)

Sl No.	Author & Title
1	Nadiya, F, Anjali, N., Thomas, J., Gangaprasad, A. and Sabu, K.K., 2019. Deep sequencing identified potential mi RNA s involved in defence response, stress and plant growth characteristics of wild genotypes of cardamom.Plant Biology,21(1), pp.3-14.
2	Salwa Aklian, Tahmina Haque Halima,Shina Sasi, Sajeesh Kappachery, Gangadhar Bhanikal Hiremath, Jelli Venkatesh and Mayank Anand Gururani. 2019. Evaluation of osmotic stress tolerance in transgenic Arabidopsis plants expressing Solanum tuberosum D200 gene. Journal of Plant Interactions 14:-79-86.



PRESENTATIONS IN CONFERENCES/SEMINARS (Indicate Oral/Poster)	
SI No.	<p>Soumya S. J., A. Gangaprasad, G. M. Nair and A. Jayakumaran Nair. Effect of PLGA nanoparticles loaded with sensing molecule on detection of hypoxia and induction of angiogenesis. 2019 9th International Conference on Bioscience, Biochemistry and Bioinformatics held at Singapore during January 7-9, 2019 (International Presentation)</p> <p>Nadiya F., A. Gangaprasad. Transcriptome Sequencing and Differential Expression profiling in wild and cultivar genotypes of cardamom at National Seminar on Advances and Applications in Plant Science during 6-8 February, 2019.</p> <p>Soumya S. J., P.R. Sudhakaran, G. M. Nair, A. Gangaprasad and A. Jayakumaran Nair. Biological activity of PLGA nanoparticles loaded with hypoxia sensing molecule: studies on angiogenesis. 8th Annual Meeting of Indian Academy of Biomedical Sciences and Conference on Deliberation on Translation of Basic Scientific Insights into Affordable Healthcare Products held at Thiruvananthapuram during February 25-27, 2019.</p> <p>A.P. Athira, P.R. Sudhakaran, A. Gangaprasad, G.M. Nair and A. Jayakumaran Nair. Effect of Exosomes from breast cancer cells on angiogenesis'. 8th Annual Meeting of Indian Academy of Biomedical Sciences and Conference on Deliberation on Translation of Basic Scientific Insights into Affordable Healthcare Products held at Thiruvananthapuram during February 25-27, 2019.</p> <p>B Surumi, P R Sudhakaran, C Prabhakumari, A Jayakumaran Nair. 'Long Non coding RNA-FIRRE (Functional Intergenic Repeating RNA element) regulates Adipogenesis process in 3T3L1 mouse fibroblast cells'. 8th Annual Meeting of Indian Academy of Biomedical Sciences and Conference on Deliberation on Translation of Basic Scientific Insights into Affordable Healthcare Products held at Thiruvananthapuram during February 25-27, 2019.</p>
SERVICE AS REVIEWER OF JOURNALS (List name of Journal & Publisher)	
SI No.	Dr. Nadiya F, Plant Science Today, Horizon e-Publishing Group
SERVED AS CHAIR/ MEMBER OF COMMITTEES/BOARDS/COUNCILS /COMMISSIONS etc	
SI No.	Dr. Hareesh PS chaired as expert in the panel to evaluate oral presentations conducted during the National Seminar on Epidemiology of Viral Diseases.
Public Talks/Discussions over AIR/Television channels	
1	Dr. Sajeesh Kappachery delivered a talk on "A workshop on: Floral dip, a simple method for Agrobacterium mediated transformation of Arabidopsis thaliana" on January 2019 at an International Conference on research and development in biosciences, school of life sciences, Kannur University, Kerala, India (Invited Talk)
2	Dr. Nadiya F, delivered a talk on "Transcriptome Sequencing" in the National Workshop on Tools and Techniques in Advanced Plant Science Research (Dec 5-12, 2019), Department of Botany, University of Kerala (Invited Talk)

## CENTRE FOR LEARNING DISABILITIES AND DIFFICULTIES

### Department of Education

#### A. CENTRE PROFILE

**Name of the CENTRE:** Centre for Learning Disabilities and Difficulties

**Hon. Director:** Dr. Geetha Janet Vitus

**Year of establishment:** revived in the year 2009

**Faculty of :** Department of Education

**School of :** Social Science

- Invited talk on Outcome based Education at the one day seminar organized by the Department of Zoology, University of Kerala on November 16 /2019 for Zoology Teachers of various Departments and Colleges.
- A publication on 'Level of environmental ethics among the adolescent learners from the high schools of Kerala state' (Dr. Geetha Janet Vitus and Sarath Chandran R.), published in an

**International Journal of Academic Research and Development (ISSN: 2455-4197; Impact Factor: RJIF 5.22) in Volume 4; Issue 5; September 2019; Page No. 127-130.**

- Resource person on Global Trends in Research and Research Ethics for Seven Day International Workshop at Department of Education on 11/10/2019.
- Invited talk on Inclusive Education as a resource person at the induction course for TGT (librarian) of different regions of Kendriya Vidyalayas at Kendriya Vidyalaya, Pattom on 30/12/2019.
- Published three Volumes of the News Letter 'THE LANTERN' of the Centre for Learning Disabilities and Difficulties [CLDD] –Vol.5 No.1-January 2019, Vol.5 No.2-May 2019, Vol.5 No.3-September 2019.

## INTERNAL COMPLAINTS COMMITTEE (ICC)

The Supreme Court of India while considering the case *Vishaka and others VS State of Rajasthan*, pronounced its judgement which laid down guidelines for dealing with sexual harassment of woman at work place and accordingly paved way for the regulations to prevent Sexual Harassment of Women at workplace in India through “ The Sexual Harassment of Women at Work place (Prevention, Prohibition and Redressal ) Act, 2013 and accordingly there shall be an internal mechanism in every, Union, State and its Departments & Institutions including private to address grievances of women.

Pursuant to the above, the UGC notified the regulations namely- UGC (Prevention, Prohibition and Redressal of Sexual Harassment of Women and students in Higher Education Institutions) Regulations, 2015.

As per the UGC regulations, it is mandatory for all the Higher Education Institutions in India to constitute an ICC with an inbuilt mechanism for gender sensitization against sexual harassment.

During 2019, the ICC considered all the 5 cases filed before it and took decisions according to the nature of the cases and has given directions for implementation accordingly.

### DR.B.R.AMBEDKAR CHAIR (CENTRE FOR HUMAN RIGHTS & SOCIAL JUSTICE)

**Year of establishment:**

**Faculty of : LAW**

**School of : School of Business Management and Legal Studies & Faculty of Law**

**1. Teaching Staff**

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	DR.SINDHU THULASEEDHARAN	F	PhD	Assistant Professor & Head

**2. Administrative staff - 3 nos. (2M/1F)**

**3. Programmes offered**

Name of programme	strength		Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actual								
Masters (.....)	NIL									
M.Phil (.....)	NIL									
PhD	NIL									
Post Doc	NIL									
1.PG Diploma in Human Rights	28	30	12	NIL	2	NIL	14	NIL	NIL	RE-SULT NOT PUB-LISHED
2.Certificate Course in Human Rights	18	30	7	NA	NA	NA	NA	NIL	NIL	

## B. COMMON DEPARTMENT ACTIVITIES

### 1. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	YES
2.	No. of books in stock as on Jan 1,2019	300
3.	No. of books added this year	45
4.	No. of offline journal subscribed	NIL
5.	No. of online journals subscribed	NIL
6.	No. of online books available	NIL
7.	Amount spend for purchase of books	32000/-

### 2. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1	One day workshop on <b><i>The Constitution of India</i></b>	National	Dr.B.R.Ambedkar Chair	26 <sup>th</sup> November 2019	148 Outside State-2

## C. CONTRIBUTION AT INDIVIDUAL LEVEL

- Name of faculty: Sindhu Thulaseedharan
- No. of papers published as chapters in books - 1
- No. of papers/ abstracts published in conference proceedings with ISBN - 1
- No. of presentations in conferences/ seminars (indicate oral/ poster) - 2
- No. of articles published in scholarly magazines, bulletins or news papers.- 3
- No. of PhD thesis submitted : 2
- No. of MPhil dissertations awarded : 1
- Involvement in academic bodies as dean, academic council/ board of studies member etc.

Sindhu Thulaseedharan

- Member, BoS (Law) (PG & Pass), University of Kerala
- Member, BoS (Law) (Pass), Hindustan Law University, Padur, Chennai

- Member, Academic Council, University of Kerala
- Member, NAAC Related Standing Committee on Institutional Ethics and Best Practices
- 9. Service as reviewer of journals/ seminar papers (give details)  
Sindhu Thulaseedharan
- Editor, Kerala University Journal of Legal Studies (KUJLS)
- 10. Activities in clubs, associations, NSS etc  
Sindhu Thulaseedharan
- Secretary, Kerala University Women's Forum (KUWF)
- 11. Public talks/ discussions over AIR/ television channels
- AIR, talks in "Niyamarangam" – 10
- Loyola College of Social Sciences- On Constitution & CAA, 2019

## CENTRE FOR AUSTRALIAN STUDIES

Year of establishment: 1996

Faculty of : Arts

### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
	Dr. Suja Kurup P.L.	F	M.Phil, PhD	Professor

2. Programmes offered

Name of programme	strength		Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actual								
Masters (.....)	-									
M.Phil (.....)	-									
PhD	-									
Post Doc	-									
Others	-									

B. COMMON DEPARTMENT ACTIVITIES

- No. of PhD theses awarded. 1
- No. of PhD theses submitted. 1

3. No. of M. Phil dissertations awarded. 1

4. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	NO
2.	No. of books in stock as on Jan 1,2019	752
3.	No. of books added this year	11
4.	No. of offline journal subscribed	-
5.	No. of online journals subscribed	-
6.	No. of online books available	-
7.	Amount spend for purchase of books	1,00,000/-

5. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
	Humour Traditions in Australia and Canada	Three Day National Seminar	Non Plan Fund, University of Kerala	14 – 16 November 2019	95

6. Details of syllabus revisions during the year (indicate major/ minor)

- The Director, Dr. Suja Kurup P.L., is Chairman, Board of Studies in English (Pass) – Syllabus Revision of B.A Main English (2020 Admission onwards) is in progress (MAJOR).

7. Details of eminent personalities visited in the department.

- Proposed visit by Mr. Andrew Collister, Second Secretary and Vice Consul General, Australian

Consulate, Chennai (U.O. No. Ac.D/1/32191/2019 dated 22.10.2019

C. CONTRIBUTION AT INDIVIDUAL LEVEL

- Name of faculty: Dr. Suja Kurup P.L.
- No. of presentations in conferences/ seminars (indicate oral/ poster) 2
- No. of PhD theses awarded 1
- No. of PhD thesis submitted 1
- No. of MPhil dissertations awarded 1

- 6. Involvement in academic bodies as dean, academic council/ board of studies member etc.
- Chairman, Board of Studies in English (Pass), University of Kerala
- 7. Service as reviewer of journals/ seminar papers (give details) NIL
- 8. Served as Chair/ member of committees/ boards/ councils/ commissions etc.
- Chairman, Board of Studies in English (Pass), University of Kerala
- External Subject Expert, CAS Committee for Promotion of College Teachers
- External Subject Expert, Board of Studies in English, St. Teresa's College, Kochi
- External Subject Expert, Board of Studies in English, Mar Ivanios College, Trivandrum
- External Subject Expert, Board of Studies in English, Scott Christian College, Nagercoil

## CENTRE FOR BIODIVERSITY CONSERVATION

UNIVERSITY OF KERALA

THIRUVANANTHAPURAM

Major activities	5
Journal publications	4
Presentation in conferences/seminars	30

### MAJOR ACTIVITIES

#### ***Established India's First Raj Bhavan with Digital Garden at Kerala Raj Bhavan, Thiruvananthapuram***

Documentation and digitization of tree species of Kerala Raj Bhavan was carried out. The Study carried out by Prof.. A. Gangaprasad, Hon. Director of the Centre and Mr. Akhilesh S. V. Nair, Research Scholar which involves the documentation and digitization of tree species of Kerala Raj Bhavan. All the documented data were digitized through website creation, QR code linking and Android App creation. This is the first Raj Bhavan in India with digital Garden. The document entitled 'Trees of Kerala Raj Bhavan- India's first Raj Bhavan with digital garden' authored by A. Gangaprasad and Akhilesh S.V. Nair was released by the Hon. Governor of Kerala Justice (Retd) P. Sadasivam.

#### ***Plant collection trip to Andaman & Nicobar Island***

As part of the ongoing project entitled 'Establishment of a germplasm conservatory for economically important plant species of the Andaman-Nicobar islands and their sustainable utilization', a plant collection trip was conducted to Andaman Islands during March 7<sup>th</sup> to 20<sup>th</sup> March 2019 and collected more than hundred rare and endemic plants. All the collected species were planted in the Botany Department Botanic Garden.

#### ***Plant collection trip to Idukki, Kerala***

Conducted a Plant Collection trip to Chinnar, Marayoor and Munnar in connection with the establishment of germplasm for Wild ornamental plants of Western Ghats during 3-08-2019 to 6-08-2019 the collected plants were introduced into the department garden..

#### ***Organized a two day workshop on 'Basics in Biostatistics' on November 27-28, 2019.***

The centre for Biodiversity conservation organised its first workshop entitled 'Basics in Biostatistics' at the seminar hall of Department of Botany, University of Kerala. The two-day workshop held on 27th and 28th November 2019 with 30 participants from different institutes. Eminent personalities like Dr.

Somasekharan Pillai M, Associate Professor and Head, Department of Statistics, University College; Dr. K. Satheesh Kumar, Head, Department of Future Studies, University of Kerala; Dr. Anil Chandran S, Department of Demography, University of Kerala; Dr. William Decruse, Senior Scientist and Head, Plant Biotechnology Division, JNTBGRI Palode were act as resource persons.;

#### ***Initiated digitizing the garden of Kerala Legislative Assembly and Kerala Public Service Commission Headquarters with QR code.***

Initiated the documentation and digitisation of plants of Kerala Legislative Assembly and Kerala Public Service Commission Headquarters with QR code.

### JOURNAL PUBLICATIONS

1. Princy PS and A Gangaprasad Determination of bioactive components of *Enicostema axillare* (Lam.) Raynal ssp. *littoralis* (Blume) Raynal through gas chromatography-mass spectrometry analysis, Journal of Pharmacognosy and Phytochemistry 2019; 8(1): 1149-1153
2. Stephin S., Gangaprasad A. and Sam P. Mathew 2019. Preliminary phytochemical analysis and antioxidant activity of crude methanolic leaf extracts of *Piper sarmentosum* Roxb – a lesser known wild relative of pepper from Andaman Islands, International Journal of Research and Analytical Reviews (IJRAR) 6: 768- 771.
3. Stephin S., Gangaprasad A. Sam P. Mathew and Muthukrishnan S. 2019. Enhanced *in-vitro* shoot multiplication of *Piper sarmentosum* by suppression of apical dominance, Proc. of the Natl. Acad. Sci., India, Sect. B Biol.Sci. doi. org/10.1007/s40011-019-01086-w.(Springer).
4. Gangaprasad A., Abin P. Mathew and Muthukrishnan S. 2019. Wild jack tree: An underutilised endemic fruit tree of Southern Western Ghats for evaluation of nutritional security in developing world. Journal of Nutrition Science Ressearch4: 1-5

## PRESENTATION IN CONFERENCES/SEMINARS

1. Akhilesh S.V. Nair and Gangaprasad A. 2019 Documentation and QR code enabled digitization of tree and garden flora of Kanakakkunnu Palace, Thiruvananthapuram – India's first Digital Garden in public place. Paper presented in the 31st Kerala Science Congress at Fatima Matha National College, Kollam during 1<sup>st</sup> and 2<sup>nd</sup> February 2019.
2. Abin P Mathew, Muthukrishnan S and Gangaprasad A. 2019 Nutritional and anti nutritional analysis in *Artocarpus hirsutus* Lam. Paper presented in the 31st Kerala Science Congress at Fatima Matha National College, Kollam during 1<sup>st</sup> and 2<sup>nd</sup> February 2019.
3. Suresh Kumar P, Sam P Mathew, A. Gangaprasad and E S Santhosh Kumar 2019 On germplasm conservation of some endemic wild ornamental plants in JNTBGRI field gene bank. Paper presented in the 31st Kerala Science Congress at Fatima Matha National College, Kollam during 1<sup>st</sup> and 2<sup>nd</sup> February 2019.
4. Neethu Vijayakumar and Gangaprasad A. 2019. Preliminary phytochemical screening, antimicrobial and antioxidant activity of *Vernonia cinerea* (L.) Less., a member of 'Dashapushpa' paper presented in the National Seminar on Advances and Applications in Plant Sciences, Organized by Department of Botany, University of Kerala, Kariyavattom during February 6-8, 2019, pp 14-15
5. Vishnu B. Remya Ramachandran, Gangaprasad A., Kamarudeenkunju M. and Siril E.A. 2019. Exploration survey and elite selection of Malabar tamarind (*Garcinia gummi-gutta* (L.) Roxb. paper presented in the National Seminar on Advances and Applications in Plant Sciences, Organized by Department of Botany, University of Kerala, Kariyavattom during February 6-8, 2019 pp 18-19.
6. Stephin S., Gangaprasad A. Sam P. Mathew and Muthukrishnan S. 2019. Suppression of apical dominance by physical method *in vitro* culture system for the enhancement of shoot multiplication in *Piper sarmentosum* Roxb. (Piperaceae)– a rare edible piper species from the Andaman Nicobar Islands paper presented in the National Seminar on Advances and Applications in Plant Sciences, Organized by Department of Botany, University of Kerala, Kariyavattom during February 6-8, 2019 P 48.
7. Nadiya F, Gangaprasad A. and Sabu K.K. 2019. Transcriptome sequencing and differential expression profiling in wild and cultivar genotypes of Cardamom, paper presented in the National Seminar on Advances and Applications in Plant Sciences organized by Department of Botany, University of Kerala, Kariyavattom during February 6-8, 2019 P 51.
8. Akhilesh S.V. Nair, Surabhi Sudhi, Silpa James, S. K. Amal Dev, Gangaprasad A. and E. A. Siril 2019. Survey on resources and livelihood of ethnic community in flood-affected areas of Poringalkuthu, Thrissur District; National Seminar on 'Plant Sciences: Current Challenges and Perspectives' organized by Department of Botany, University of Calicut, Feb 28, Mar. 1, 2, 2019. P: 58.
9. Divya N. Murali, Sam P. Mathew and A. Gangaprasad 2019. On lesser known wild relatives of popular edible cultivars from *Agathyamalai* Biosphere Reserve (ABR), paper presented in the National Seminar on Interdisciplinary Approaches in Materials and Biological Research (IAMBR 2019) Organized by Mahathma Gandhi College Trivandrum during 15<sup>th</sup> to 16<sup>th</sup> March 2019.
10. Ahalya Asokh A. S and A. Gangaprasad 2019. Effect of Abiotic Elicitor, Calcium Chloride on Anthraquinone Production Through Cell Suspension Culture of *Gynochthodes umbellata* (L.) Razafim. and B. Bremer (Rubiaceae) paper presented in the National Seminar on Interdisciplinary Approaches in Materials and Biological Research (IAMBR 2019) Organized by Mahathma Gandhi College Trivandrum during 15<sup>th</sup> to 16<sup>th</sup> March 2019 p.18.
11. Abin P. Mathew and A. Gangaprasad 2019. Evaluation of Fruit Morphology Variation of *Artocarpus hirsutus* Lam. collected from Southern Kerala, Proceedings of 'Provectus Plantae' 19 International Conference on 'Exploring the scope of plant genetic resources' organized by Department of Botany, University of Kerala, Kariyavattom during May 22-24, 2019, pp 1-4.
12. Akhilesh S.V. Nair and A. Gangaprasad 2019. Creation Of India's First Digital Garden in Kanakakkunnu Palace, Thiruvananthapuram; through QR Code enabled method, Proceedings of 'Provectus Plantae' 19 International Conference on 'Exploring the scope of plant genetic resources' organized by Department of Botany, University of Kerala, Kariyavattom during May 22-24, 2019, pp 5-6.
13. Namitha L.H. and A. Gangaprasad 2019. Exotic edible fruit trees conserved in the Thiruvananthapuram Napier Museum and Zoological Park garden, Proceedings of 'Provectus Plantae' 19 International Conference on 'Exploring the scope of plant genetic resources' organized by Department of Botany, University of Kerala, Kariyavattom during May 22-24, 2019, pp 62-64.
14. Ranjusha A. P., A. Gangaprasad and Radhamany P.M. 2019. Reproductive characteristics of *Rauvolfia hookeri* Srinivas. & Chithra, a rare and endemic plant of southern Western Ghats Proceedings of 'Provectus Plantae' 19 International Conference on 'Exploring the scope of plant genetic resources' organized by Department of Botany, University of Kerala, Kariyavattom during May 22-24, 2019, pp 77.
15. Remya Ramachandran, Vishnu B., Gangaprasad A., Kamarudheen Kunju M. and Siril E. A. Effect of BAP on *in vitro* shoot induction in Malabar Tamarind (*Garcinia gummi-gutta* (L.) Robs.), Proceedings of 'Provectus Plantae' 19 International Conference on 'Exploring the scope of plant genetic resources' organized by Department of Botany, University of Kerala, Kariyavattom during May 22-24, 2019, pp 81-83.
16. Shaina Jerald and Gangaprasad A. 2019. Morphological Characterisation of *Cinnamomum verum* Presl and *Cinnamomum mohananii*. Gangaprasad A, Mathew S Pet Jagadeesan R. (Lauraceae) Proceedings of 'Provectus Plantae' 19

- International Conference on 'Exploring the scope of plant genetic resources' organized by Department of Botany, University of Kerala, Kariyavattom during May 22-24, 2019, pp 93-95.
17. Amaldev S. K., Akhilesh S. V. Nair, Surabhi Sudhi, Silpa James, A. Gangaprasad and E. A. Siril 2019. Survey and analysis of Resources and Livelihood of Ethnic community in flood affected area of Vazhachal, Thrissur District; Kerala, Proceedings of 'Provectus Plantae'19 International Conference on 'Exploring the scope of plant genetic resources' organized by Department of Botany, University of Kerala, Kariyavattom during May 22-24, 2019, pp 345-347.
  18. Chandana R., A. Gangaprasad, Sam P. Mathew and R. Prakashkumar 2019. Estimation of different vitamins in *Garcinia dhanikhariensis* S.K. Srivast., a species endemic to Andaman Islands, Proceedings of 'Provectus Plantae'19 International Conference on 'Exploring the scope of plant genetic resources' organized by Department of Botany, University of Kerala, Kariyavattom during May 22-24, 2019, pp 375-376.
  19. Rimsha Parveen, A. Gangaprasad, Sam P. Mathew and R. Prakashkumar 2019. Estimation of different vitamins in *Bouea oppositifolia* (Roxb.) Adelb., a wild relative of mango species from Andaman Islands, Proceedings of 'Provectus Plantae'19 International Conference on 'Exploring the scope of plant genetic resources' organized by Department of Botany, University of Kerala, Kariyavattom during May 22-24, 2019, pp 426-428..
  20. Silpa James, Akhilesh S.V. Nair, Surabhi Sudhi, Amal Dev S. K., A. Gangaprasad and E. A. Siril 2019. Survey and Analysis on Ethanobotanical resources and livelihood of tribal communities in flood affected areas of Malakkpara Tribal Colony, Thrissur District, Proceedings of 'Provectus Plantae'19 International Conference on 'Exploring the scope of plant genetic resources' organized by Department of Botany, University of Kerala, Kariyavattom during May 22-24, 2019, pp 437-441.
  21. Surabhi Sudhi, Akhilesh S.V. Nair, Silpa James, Amal Dev S. K., A. Gangaprasad and E. A. Siril 2019. Ethnobotanical survey on resource and livelihood of Kadar tribes in flood affected area of Pokalapara colony, Thrissur district, Proceedings of 'Provectus Plantae'19 International Conference on 'Exploring the scope of plant genetic resources' organized by Department of Botany, University of Kerala, Kariyavattom during May 22-24, 2019, pp 443-446.
  22. Vishnu B., Remya Ramachandran, Kamarudeenkunju M, Gangaprasad A. and Siril E.A. 2019. Elite selection of Malabar Tamarind [*Garcinia gummi-gutta* (L.) Roxb.], a multipurpose fruit yielding tree, Proceedings of 'Provectus Plantae'19 International Conference on 'Exploring the scope of plant genetic resources' organized by Department of Botany, University of Kerala, Kariyavattom during May 22-24, 2019, pp 454-456..
  23. Abin P. Mathew & Gangaprasad A., 'Evaluation of antioxidant and anticancer activity of the fruit of *Artocarpushirsutus* Lam.', International Seminar 'Life Science for sustainable developments issues and challenges', Organized by University College, Thiruvananthapuram, 3-5 October 2019.
  24. Neethu Vijayakumar, **Gangaprasad A.**, Sumitha V. R. & Seeni S., Preliminary phytochemical screening and analysis of major compounds using LC-MS method in wild *Hypericum wightianum* Wall. Ex Wight & Arn. (Hypericaceae). International Seminar 'Life Science for sustainable developments issues and challenges', Organized by University College, Thiruvananthapuram, 3-5 October 2019.
  25. Akhilesh S.V Nair and Gangaprasad A.; 'Tree flora of Kerala Raj Bhavan, Thiruvananthapuram and Creation of Digital Garden – India's First Raj Bhavan with Digital Garden'; 29<sup>th</sup> Annual Conference of Indian Association for Angiosperm Taxonomy and National symposium, 11-13 November 2019, KSCSTE-JNTBGRI, Palode, Thiruvananthapuram; Abstract page no: 37.
  26. Suresh Kumar P, Sam P. Mathew and Gangaprasad A.; 'Field Gene Bank Conservation of Potential Lesser Known Wild Ornamental Species from the Western Ghats.'; 29<sup>th</sup> Annual Conference of Indian Association for Angiosperm Taxonomy and National symposium, 11-13 November 2019, KSCSTE-JNTBGRI, Palode, Thiruvananthapuram; Abstract page no: 101.
  27. Divya N. Murali, Sam P. Mathew and Gangaprasad A.; 'Wild Relatives of Malabar Tamarind from Agasthyamalai Biosphere Reserve (ABR) and Conservation of selected species through Seed Germination'; 29<sup>th</sup> Annual Conference of Indian Association for Angiosperm Taxonomy and National symposium, 11-13 November 2019, KSCSTE-JNTBGRI, Palode, Thiruvananthapuram; Abstract page no: 118.
  28. Vidhya A. S., Sumitha V. R. and Gangaprasad A.; 'Adventitious Root Culture Studies and Anthraquinone Production in *Gynochthodes umbellata* (L.) Razafim and B. Bremer – a rare medicinal plant.'; 29<sup>th</sup> Annual Conference of Indian Association for Angiosperm Taxonomy and National symposium, 11-13 November 2019, KSCSTE-JNTBGRI, Palode, Thiruvananthapuram; Abstract page no: 130.
  29. Neethu Vijayakumar, Gangaprasad A. and Sumitha V. R.; 'Development of invitro protocol for mass propagation of *Hypericum wightianum* Wall ex Wight & Arn. (Hypericaceae)'. National Seminar on Forestry, Plant Genetics and Improvement organized by KSCSTE-KFRI and GMF, 3-4<sup>th</sup> December 2019. Abstract page No: 74.
  30. Namitha L.H. and Gangaprasad A.; 'Floristic analysis of trees conserved in the Thiruvananthapuram Napier Museum and Zoological Park Garden, Kerala State.'; National Seminar on Forestry, Plant Genetics and Improvement organized by KSCSTE-KFRI and GMF, 3-4<sup>th</sup> December 2019. Abstract page No: 16.

# CENTRE FOR ADULT, CONTINUING EDUCATION AND EXTENSION

CACEE  
Est:1980

## A. DEPARTMENT PROFILE

### 1. Teaching Staff

Sl. No	Name	M/F	Designation	Qualification
1	Dr.K.S.Suresh Kumar	M	Director in charge	M.Com, M.Phil., MBA, Ph.D

### 2. Administrative staff - 4 nos. (2M/2F)

### 3. Programmes offered - Current Strength & Details

List of Programmes offered, with specialisation

#### Details of the Students Strength

Programme & Seats	Strength	Females	SC/ST
<b>PG. Diploma courses</b>			
1. P.G. Diploma in Counselling Psychology	49	38	7
2. P.G. Diploma in Yoga Therapy ( 2 batches)	40	21	7
3. P.G. Diploma in Developmental Neurology	62	32	4
4. P.G. Diploma in Adolescent Peadiatrics	16	8	2
<b>Certificate courses</b>			
1. Certificate in Library and Information Science (2 batches)	46	29	9
2. Certificate in Yoga and Meditation	12	7	3
3. Advanced Certificate in Functional English and Public Speaking	11	4	4
4. Certificate in Nursing Administration	20	20	6
5. Teacher's Training Certificate in Yoga and Meditation	30	16	10
6. Certificate in Health and Sanitation	30	30	5
<b>TOTAL</b>	<b>316</b>	<b>205</b>	<b>57</b>

### 1. Library Details

- **No of Books in stock : 1978**

### 2. Major Extension Programmes Organised by the Centre

- Counselling programme for higher secondary students of SCOLE –Kerala February- March 2019
- Higher secondary students from all the 14 districts in Kerala are covered 14 counselling sessions (District-wise) followed by telephone counselling service at head quarters
- Conducted courses for the prisoners of central jail, Poojappura This is the first if its kind in entire University and state of Kerala
- Conducted demonstration class for the public awareness of yoga at Museum Compound in connection with the celebration of the International Yoga Day on 21<sup>st</sup> June 2019.
- conducted yoga training for students of City Vocational Higher Secondary School for one month in collaboration with the Thiruvananthapuram Corporation.
- Provided voluntary yoga classes for the students of Cotton Hill Government Higher Secondary School for Girls on all Saturdays
- Conducted Extension classes for the students of Cotton Hill Government Higher Secondary

School for Girls, through out the year for the following subjects : English, Media, Health, Life Skills, Gender Science, Technology, Mathematics, Legal Awareness & Communication.

### 3. Details of Consultancy Work Undertaken

- Consultancy for SCOLE Kerala, Govt. of Kerala.

### 4. Syllabus Revisions

- During the year curriculum revamping was done for the following programmes
  - a. P.G. Diploma in Yoga Therapy
  - b. Teachers' Training Certificate Course in Yoga and Meditation
  - c. Certificate in Yoga and Meditation

### 5. Community Outreach Programmes

1. All round development programme for the students of Govt. Girls High School, Cotton Hill. Conducted yoga, counselling and personality development sessions every Saturday.
2. Out reach programmes have been undertaken in 21 affiliated colleges through Continuing Education Units

### 6. List of Courses Offered through CACEE and Affiliated Colleges



**P.G. Diploma Courses (Regular)**

Sl. No.	Name of courses
1	P.G. Diploma in Educational Planning, Management and Administration (PGDE-PMA)

**P.G. Diploma courses**

Sl. No.	Name of courses
1	P.G. Diploma in Counselling Psychology
2	P.G. Diploma in Yoga Therapy

**P.G. Certificate Courses**

Sl. No.	Name of courses
1	P.G. Certificate in T.V. Programme Anchoring
2	P.G. Certificate in T.V. News Journalism
3	P.G. Certificate in Counselling
4	P.G. Certificate in Criminology & Criminal Justice Administration
5	P.G. Certificate in Medical and Psychiatric Social Work
6	P.G. Certificate in Family Counselling
7	P.G. Certificate in Adolescent and Premarital Counselling

**Certificate Courses**

Sl. No.	Name of courses
1	Certificate in Computerised Accounting
2	Certificate in TV News Reading and Compering
3	Certificate in Nursing Administration
4	Certificate in Library and Information Science
5	Certificate in Yoga and Meditation
6	Certificate in Travel and Tourism Management
7	Certificate in Hospitality Management
8	Certificate in Interior Decoration
9	Certificate in Professional Cookery
10	Certificate in House Keeping
11	Advanced Certificate in Functional English and Public Speaking
12	Certificate in Functional English and Personality Development
13	Certificate in Health and Sanitation
14	Certificate in Communicative English and Public Speaking
15	Teacher's Training Certificate course in Yoga and Meditation

## 7. Courses conducted in collaboration with other Institutions

### 1. Child Development Centre (CDC), Government Medical College, Thiruvananthapuram

Sl. No:	Name of the course	Qualification	Course Duration
	P.G. Diploma courses		
1.	PG Diploma in Developmental Neurology (PGD-DN)	MBBS, MD/ DNB/MNAMS/DCH	1 yr
2.	PG Diploma in Adolescent Paediatrics (PGD-AP)	MBBS, MD/ DNB/MNAMS/DCH	1 yr
3.	PG Diploma in Health Science Research (PGD-HSR)	Any Health Science related Degree (MBBS, BAMS, BHMS, BVSc, BDS, BSc. Nursing, B.Phann, BSMS, BSc, MLT )	1 yr
4.	PG Diploma in Child, Adolescent and Family Counselling (PGD-CAFC)	MSc. Psychology/ Sociology / Anthropology/ MSW/ MSc. Child Development/ Home Science/ Nutrition or any other Master's Degree/ BSc Nursing/ PGDCCD or DCCD with graduation	1 yr

### 2. Magic Academy

Sl. No:	Name of the course	Qualification	Course Duration
I	Diploma courses		
1.	Diploma in Magical Arts (DMA)	Essential : Pass in SSLC or equivalent Desirable Certificate in Magical Art/ proven experience in performing magic	6 months
II	Certificate Courses		
2.	Certificate in Magical Arts (CMA)	Pass in SSLC or equivalent	3 months

### 8. Collaborating Colleges and Other Institutions for running Continuing Education Courses and Projects.

- Bishop Moore College, Mavelikkara
- St. Gregorios College, Kottarakara
- T.K.M Arts and Science College, Kollam
- Govt. College, Attingal
- Loyola College of Social Sciences, Sreekariyam
- KNM Govt. Arts and Science College, Kanjiramkulam
- Devaswom Board College, Sasthamcotta
- S.N. Institute of Ayurvedic Studies & Research, Puthoor
- Christian College, Kattakkada
- Kerala State Child Welfare Council, Thycaud
- Magic Academy, Thiruvananthapuram
- District Literacy Mission, Alappuzha
- College of Nursing, Thiruvananthapuram.
- C.S.I College of Teacher Education, Parassala
- Pankaja Kasthuri Ayurveda Medical College, Kattakada
- Mar Theophilus Training College, Nalanchira
- Muslim Association College of Arts and Science, Panavoor, Nedumangad
- UIT, Pirappancode
- UIT, Sasthamcotta

- Iqbal College, Peringamala
- Mannania College, Pangode
- Sree Ayyappa College, Eramalikkara

### 9. Linkage /Net working

- Ministry of Human Resource Development
- University Grants Commission
- SC/ ST Development Department, Govt. of Kerala
- Social Welfare Board, Dept. of Social Welfare
- Sree Chitra Institute of Medical Sciences
- State Council of Educational Research and Training
- State Institute of Rural Development
- National Service Scheme, University of Kerala.
- District Panchayath, Thiruvananthapuram.
- Kerala Mahila Samakhya Society
- State Resource Centre, Kerala.
- Kerala State Literacy Mission Authority
- Samad Hospital, Thiruvananthapuram
- Medical College Hospital, Thiruvananthapuram.
- Regional Cancer Centre, Thiruvananthapuram.
- Indian Adult Education Association
- Jan Shikshan Sansthan, University of Kerala.
- Mental Health Centre, Thiruvananthapuram
- National Health Mission (NHM)
- General Hospital, Thiruvananthapuram

21. Govt. Naturopathy Hospital, Varkala
22. Bethani Nature Cure Hospital, Nalanchira
23. Municipal Corporation, Thiruvananthapuram
24. Central Prison and Correctional Home, Poojappura
25. Crime Records Bureau, Govt. of Kerala
26. State Institute of Correctional Administration and Training (SICA)
27. SCOLE Kerala
28. Child Development Centre
29. HLL Management Academy
30. University Departments
31. Universities in Kerala and Outside

### **C. CONTRIBUTION AT INDIVIDUAL LEVEL**

#### **Dr. K.S.Suresh Kumar**

##### **Director / Professor**

1. Co-ordinating and directing all the extension and out reach programmes of CACEE, University of Kerala
2. Co-ordinating M.Com programme of the University under distance mode
3. Approved research guide under the faculty of both Commerce and Management and produced

5 Ph.Ds and 2 M.Phils during the year.

4. Acted as Member of the P.G. Board of Studies in Commerce, University of Kerala
5. Acted as member of Faculty Council of Commerce, M.G. University, Kottayam

#### **Smt.Bindu.G.Nair**

##### **Student Counsellor**

1. Co-ordinated various P.G. Diploma, Diploma and Certificate courses conducted by CACEE
2. Assisted the Director, CACEE in the conduct of examination of CE courses at CACEE and CACEE Units in affiliated colleges
3. Co-ordinated, Continuing Education at Prisons and Correctional Homes, a project in Collaboration with Central Prison and Correctional Home, Poojappura
4. Coordinated the counselling programme for higher secondary students of SCOLE-Kerala around the State.
5. Coordinated Pre and Post exam counselling for the students and parents of X and XII students during February, March and April 2019
6. Engaged counselling classes / sessions for the students of Cotton Hill Higher Secondary School

## **CENTRE FOR ENDANGERED LANGUAGES OF KERALA**

Est: 2017

Under School of INDIAN LANGUAGES & Faculty of ORIENTAL STUDIES

### **A. CENTRE PROFILE**

#### 1. Teaching Staff

Dr.S.Prema, Coordinator

#### 2. Library book Details

No of Books in stock on Jan 1: 174 books

No of books added this year: 10 books

The CeLK, Dept. of Linguistics, University of Kerala added 10 books total 184 books

#### 3. No of funded projects active during the year

(Project name, funding agency, total outlay)

The Project on “The Centre for Endangered Languages of Kerala “funded by UGC. Based on the funding support to State Universities for Study and Research towards preservation and promotion of Indigenous and Endangered Languages of Indian during XII Plan period.

(Allocated amount rupees 1,92,50000/- One crore ninety two lakhs and fifty thousand with a credited amount rupees 1, 10,50000/- One crore ten lakhs and fifty thousand only )

#### 4. Major equipments purchased during the year (>5 lakhs)

(name, cost, source of funds)

1. The CeLK, Dept. of Linguistics, purchased one Dell laptop 1,1 1,500/- (one lakh eleven thousand and five hundred only)

2. Setting up of language elicitation, documentation and research lab completed (65, 800000/- Sixty five lakhs and eighty thousand only).

#### **Items purchased**

1. Lacie Rugged HDD 1 TB 45000/- (forty-five thousand)
2. UAD Appolo 8 quad 2,77,150/- (two lakhs seventy seven thousand and one hundred and fifty only)
3. HP Pagewide Pro MFP 45000/-(forty five thousand only )
4. server, Audio Technica 4,64,800/- (four lakhs sixty four thousand and eight hundred only)
5. Major developmental activity like construction etc

The Language Elicitation Documentation studio, Research lab and a Mini conference hall completed (Sixty five Lakhs and eighty thousand only Using UGC fund)

#### 6. Any other major achievement

The CeLK, Dept. of Linguistics developed a website [www.celk.in](http://www.celk.in). The report on the major project of the centre -**The GIS based mapping of Endangered Languages of Kerala. Thiruvananthapuram and Kollam Districts** is linked in this website.

### **C. CONTRIBUTION AT INDIVIDUAL LEVEL**

1. NAME OF FACULTY: DR.S.PREMA

1. Dr.S.Prema Malayalattileparakiyapadangal: vivaranamvisadeekaranam (Borrowed words in Malayalam: description and explanation) pp:348-355 "malayala bhasha padanangal",ed. by Dr. AM Unnikrishnan, published by P.K. Parameswaran Nair Samskarika Trust, TVM, Current Books, Thiruvananthapuram(ISBN:978-93-5390-098-4)

E. Presentations in conferences/seminars (Indicate Oral/Poster)

All oral presentations:

1. Presented a paper on "Morphosyntax of Gender in Dravidian" in the National Seminar on Dravidian Linguistics and Dr.V.I.Subrahmoniam organized by International school of Dravidian Linguistics during 25<sup>th</sup> and 26<sup>th</sup> November 2019

2. Special lecture on "Linguistic Diversity and Language Documentation" in the Five-day National workshop on Documentation of Dravidian culture conservation process and digital Technology organized by Manoniamamsundaranar Centre for Dravidian cultural studies, university of Kerala from 2-6 December 2019

31.Invited resource person to deliver a lecture on "Tense in Malayalam" in the training course in

Malayalam (certificate course in Malayalam) organized by international school of Dravidian Linguistics on 17<sup>th</sup> October 2019

4. Invited resource person to deliver a lecture on "Sociolinguistics" in the orientation programme for High School Teachers organized by international School of Dravidian Linguistics on 30<sup>th</sup> November 2019

F. Articles in popular publications

(Need not be original research contributions, but of general nature published in scholarly magazines, bulletins or newspapers. Cite in same style as research papers)

G. Service as reviewer of journals (List name of Journal & Publisher)

H. Served as chair/ member of committees/boards/ councils /commissions etc

**1. Coordinator, The UGC Centre for Endangered Languages of Kerala, Dept. of Linguistics, University of Kerala**

2, Member, ACCADEMIC COUNCIL, University of Kerala.

3. Member, Executive committee, Dravidian Linguistic Association, ISDL, Thiruvananthapuram

## CENTRE FOR QUANTITATIVE ANALYSIS

Re established in the year : 2013

Details of international/ national conferences/ seminars/workshops organized by the department.

	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/ workshop	No. of participants (Show foreign and outside state participants separately)
1.	Computational Mathematics & Machine Learning(N-SCM <sup>2</sup> L-2019)	National	Centre for Quantitative Analysis	October 16-18, 2019	Total-45 Outside state-5

## CENTRE FOR RENEWABLE ENERGY AND MATERIALS

Year of establishment : 2019

Administrative staff / **council members**

Sl. No	Name(in the order of seniority)	Gender (M/F/TG)	Designation
1.	Dr. S. M. A. Shibli	M	Professor, Department of Chemistry
2.	Dr. S. Sankararaman	M	Professor & Head i/c, Department of Nanoscience & Nanotechnology.
3.	Dr. K. G. Gopchandran	M	Professor & Head, Department of Optoelectronics
4.	Dr. A. Jayakumaran Nair	M	Professor & Head, Department of Biotechnology
5.	Dr. V Biju	M	Assistant Professor, Department of Physics

## B. COMMON DEPARTMENT ACTIVITIES

1. Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.
  - (1) V.S. Sumi, M.S. Meera, M.A. Sha, S.M.A. Shibli, Effect of rGO on Fe<sub>2</sub>O<sub>3</sub>-TiO<sub>2</sub> composite incorporated NiP coating for boosting hydrogen evolution reaction in alkaline solution, International Journal of Hydrogen Energy. (2019). (Just Accepted). <https://doi.org/10.1016/j.ijhydene.2019.11.167>, Elsevier, ISSN: 0360-3199, Impact Factor: 4.084.
2. Other major achievements and activities, including invited lectures, interactions, get together etc. :
  - **Research Activities: International Collaborations**
  - **Indo Sri Lanka Joint Research Programmes 2019**
  - **By keeping the target of developing specific microbial fuel cells for effective bioenergy generation and effluent / wastewater treatment with respect to each country's regional interest, a proposal has been submitted to DST, Govt. of India for International bilateral research collaboration with University of Peradeniya, Sri Lanka.**
  - **SPARC 2019**
  - **To develop regiospecific technologies for combatting corrosion of pipelines and related infrastructure for irrigation, a proposal has been submitted to MHRD, Govt. of India for International research collaboration with Monash University, Australia.**

## CENTRE FOR WOMEN'S STUDIES

Director : Dr. Lakshmi Sukumar

1	Seminar Presentations	Presented a paper titled "Body Politics and the Remaking of Laws in India" at the Indian Association of Women's Studies Southern Regional Conference on "Intersection Approaches to Addressing Gender, Religion, Culture: South India Focus" organized by IAWS, KILA and Department of Women's Studies, University of Calicut on 30 and 31 January 2019.. Coordinated a Short Term Course on Gender Sensitization at the UGC-HRDC, University of Kerala from 22.11.2019 to 28.11.2019
2	Ph.D Guidance Awarded	Awarded - Sonya J. Nair Title of the Dissertation - "Performing Gender, Gendering Performance: The Politics of Sexuality in Transgender Celebrations in South India"
3	Participation in Syllabus/Curriculum development	MA Syllabus Revision 2019 - Papers Designed (Electives) - Feminist Legal Studies in India Law and Sexualities in India Women, Bodily Autonomy and Law MPhil Syllabus Revision 2019 Papers Designed - Module on "Transnational Sexualities" Women and Law - Elective
4	Details of outreach activities	Delivered a talk on Anti-Dowry Campaign on International Women's Day (08 March 2019) at PMS College of Dental Science and Research, Thiruvananthapuram. Conducted an Orientation Programme for First Semester MA students of the University on "Know Your Rights on Campus" on 01 July 2019 Engaged a session on Gender Sensitization for Senior Assistants of the Income Tax Department on 29 August 2019

## CENTRE FOR DIASPORA STUDIES

Year of establishment:2016

Faculty of : SOCIAL SCIENCE

### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
04	Dr. M S Jayakumar	M	M.Phil., Ph.D.	Director

2. Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.
  - (1). Arunima Anil and M S Jayakumar “ICT Integration in Education: The Case of Secondary Schools in Kerala” in PEOPLE: International Journal of Social Sciences, Vol. 4, Issue 3, March 2019, ISSN -2454-5899, pp. 1948-1962.
  - (2). Arunima Anil and M S Jayakumar, “Improving Rural Health Care Services Using ICT: Telemedicine Facility in Kerala” in International Journal of Scientific & Technology Research, Vol. 8, Issue 04, April 2019. ISSN 2277-8616.
3. Details of papers/ abstracts published by the faculty members of the department in conference proceedings with ISBN, month/ year, indexing details if any etc.
  - (1) Abstracts of National Conference on Migration in the new era: Hope or Despair? organized by Centre for Diaspora Studies, University of Kerala 24-26 October, 2019.
4. No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any.)
  - (1) “Marriage Migration in India: Exploring the Dimensions”, IUCAE, 100000/-, one year, Completed, Dr. Krishnakumar C S and Dr. M S Jayakumar.
  - (2) “Exclusion Abroad: The Experience of Kerala Diaspora in the Middle East”, Annual Plan Fund, 1000000/-, Completed, Dr. M S Jayakumar.
5. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	No
2.	No. of books in stock as on Jan 1,2019	122
3.	No. of books added this year	0
4.	No. of offline journal subscribed	0
5.	No. of online journals subscribed	0
6.	No. of online books available	0
7.	Amount spend for purchase of books	

6. No of funded projects active during the year:

(Project name, funding agency, total outlay)

7. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
	Three Day National Conference “Migration in the New Era: Hope or Despair? 24-26 October 2019.	National	State Plan Fund	24-26 October 2019.	100

8. Details of eminent personalities visited in the department.

1) Prof. P Natarajan,

Professor of Aquatic sciences,  
Hawassa University, Ethiopia.

2) Pramod P Thevannoor,

Vice Chairman, SCMS Group, Cochin.

3) Baiju Radhakrishnan,

Director, Group Director, SCMS Group, Cochin

4) Prof. Ashish Saxena

Professor and Head, University of Allahabad, UP

5) Dr. Nisha Jolly Nelson, Head, Department of Sociology

Loyola College of Social Sciences, Trivandrum

6) Mr. Bijay Selvaraj IFS

Protector of Emigrants,

Ministry of Home Affairs,

Govt. of India

7) Dr. Peruvemba S Jaya

Associate Professor

Department of Communication

University of Ottawa

Ottawa, Ontario, Canada.

8) Prof. Ajailiu Niumai

University of Hyderabad

Gachibowli, Hyderabad, Telengana.

9) C Bhat

Former Professor of Sociology &

Director, Centre for Study of Indian Diaspora

University of Hyderabad.

10) Dr. Muneer Illath

Assistant Professor,

University of Allahabad, UP.

11) Dr. Vineetha Behera

Assistant Professor,

KIIT, Deemed to be University

Bhubaneswar, Odisha

11). Jagadeesha M

Assistant Professor

Department of Sociology

GFGC, Dharwad, Karnataka.

12) Prof. Sukant K Chowdhary

Lucknow University,

Lucknow, UP

### C. CONTRIBUTION AT INDIVIDUAL LEVEL

1. Name of faculty: Dr. M S Jayakumar

2. No. of papers published in other peer reviewed journals with ISSN etc.

- Arunima Anil and M S Jayakumar “ICT Integration in Education: The Case of Secondary Schools in Kerala” in PEOPLE: International Journal of Social Sciences, Vol. 4, Issue 3, March 2019, ISSN -2454-5899, pp. 1948-1962.

- Arunima Anil and M S Jayakumar, “Improving Rural Health Care Services Using ICT: Telemedicine Facility in Kerala” in International Journal of Scientific & Technology Research, Vol. 8, Issue 04, April 2019. ISSN 2277-8616.

3. No. of papers/ abstracts published in conference proceedings with ISBN - 1

4. No. of presentations in conferences/ seminars (indicate oral/ poster)

- “Driving Life After Return Migration: Online Taxi as Sustainable Livelihood Option” in National Seminar on Social Intervention and Sustainable Development February 4-6, 2019 organised by Department of Sociology, University of Kerala.

- “Indigenous Knowledge for Disaster Risk Reduction: Instances of Significance around the Globe” in the National Seminar ‘Disaster and Crisis: Preparedness, Management and Resilience’. Jointly organised by UGC- HRDC, University of Kerala and Society of Innovative Researchers and Academicians (SIRA). 11-12 October 2019.

- “The Unwilling Retreat: The Experience of Nitaqat Affected in Kerala” in the National Conference Migration in the New Era: Hope or Despair? organised by Centre for Diaspora Studies, University of Kerala, 24-26 October 2019.

- “Technology and Agency: Experience of Transnational Women in Migrant Households” in the National Conference Migration in the New Era: Hope or Despair? organised by Centre

for Diaspora Studies, University of Kerala, 24-26 October 2019.

- “Evolution of Communication in Transnational Families: A Case Study in Kerala” in the National Conference Migration in the New Era: Hope or Despair? organised by Centre for Diaspora Studies, University of Kerala, 24-26 October 2019.

- Paper titled “Technology Mediated Transnational Relations: The Experience in Kerala” has been accepted for presentation at the 45<sup>th</sup> All India Sociological Conference to be held in University of Kerala 27-29 December 2019.

5. No. of PhD theses awarded - 1

6. No. of PhD thesis submitted - 1

7. No. of MPhil dissertations awarded - 1

8. No. of MPhil dissertations submitted - 1

9. No. of workshops/FDPs/short term courses/ conferences attended - 1

10. Involvement in academic bodies as dean, academic council/ board of studies member etc.

- Member, PG Board of Studies in Sociology, University of Kerala.

11. Service as reviewer of journals/ seminar papers (give details)

- Blind Reviewer,

12. Media productions (journalism only)

- Two Audio-visual documentaries.

- 1. The Unwilling Retreat: Nitaqat and the Returned.

- 2. Voyage in the High Seas: The Untold Narratives of Early Emigrants Part-1

13. Activities in clubs, associations, NSS etc

- Member, Organising Committee, Open Forum, 2<sup>nd</sup> Loka Kerala Sabha, Govt. of Kerala (2 -3 January 2020)

### **NSS Programme Officer**

As NSS Programme officer has performed the following tasks.

- Blood donation camps conducted.
- Donated blood
- Arranged blood for patients of various hospitals.
- Collected above Rs. 200,000/- towards treatment fund of a student.

Visited and interacted with inmates of Sai Gramam.

- E-waste management in the campus.
- Environment protection programmes.
- Implemented Green campus protocols
- Social activities in Govt. UPS, Kariavattom.
- Conducted National Seminar as per Green Protocol and got it certified from Corporation of Trivandrum.

# CENTER FOR TRANSLATION & TRANSLATION STUDIES

Year of establishment:2009

Faculty of Oriental Studies

## 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
01.	Dr. J Babu (Till August 2019)	Male	M.A, Ph.D	Associate professor (Rtd)
02 03	Dr. Aysha R Dr. Vineyachandran	Female Male	M.A, Ph.D M.A, Ph.D	Associate professor (Rtd) Associate professor (Rtd) and Principal (Rtd)

## 2. Programmes offered

Name of programme	strength	Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actual							
M.Phil (.....)									
PhD									
Post Doc									
2019 (PG) Diploma in translation studies	12	12	NIL	0	0	OBC-08	0	0	100%
2018	09	08	NIL	0	0	OBC-02	0	0	100%

## B. COMMON ACTIVITIES

- Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.

Dr. M S Vinayachandran, Guest Faculty

- An article on K Kamaraj, former Chief Minister of Tamil Nadu and former President of AICC

in SANGRATHAN, Hindi vidya Pith (UGC Approved) ISSN. 2278-6880, Sept.2019

- Editor (Edited 12 volumes) SANGRATHAN, UGC approved National Hindi Journal, ISSN 2278-6880, Hindi Vidya Pith, Thiruvananthapuram
- Details of book edited/ published by the faculty members of the department with title, ISBN, publisher, month/year.

## 4. Placement details of students :

Sl No	Name of student	Name of course	Designation	Name of the company	Annual Pay
01	Shahanaz Kabir	DTS	Data Entry (Typist)	IIST Valiyamala	Approximate 2 lakhs
02	Anuja	DTS	1.Script Writer & Anchor 2.Anchor & Translator	DD National	Rs. 4000 for 3 minutes
03.	Chandra	DTS	Business correspondent	Canara Bank	Approximate One Lakh
04	Gomathi Prabha	DTS	Accountant	KIBZEE at Kazhakkuttom	01 Lakh
05	Sheeja	DTS	Lab Assistant (Listed)	Listed in PSC	



2. Details of community outreach programmes (Please give a brief description)
  - Three students have spent one month as part of hands on training in the Kendriya Vidyalaya (Central school) Pattom, Tvpm and assisted their staff in translating the official documents from Hindi to English and vice-versa and helped the school officials in preparing the content of the website of the school in Hindi and English.
3. Four students have undergone hands on training for one month and assisted the administrative staff (Hindi section) of Indian Institute of science and technology (IIST) at Valiyamala, Tvpm by translating the office documents from Hindi to English and English to Hindi. They have also been trained by the IIST Hindi Officials in translating administrative and scientific terminologies from English to Hindi and vice-versa.

#### C. CONTRIBUTION AT INDIVIDUAL LEVEL

**Name of faculty: Prof. Dr. N Suresh, Director**

14. No. of presentations in conferences/ seminars (indicate oral/ poster)
  - (a) Chaired the session 'Christian Missionaries ' and Panjabi Language in the three day International seminar on 'The Early Christian Missionaries

contribution to the Linguistic structure of Indian Languages on 7<sup>th</sup> Feb. 2019.

- (b) Chaired the session 'Christian Missionaries' contribution towards Malayalam Languages in India' in three days International seminar on 'The Early Christian Missionaries contribution to the Linguistic structure of Indian Languages on 7<sup>th</sup> Feb. 2019.
- (c) Delivered keynote address in the 149<sup>th</sup> birthday celebration of PREMCHAND, The Great Hindi Literature, organized by the Dept. of Hindi, S N College, Kollam on 30<sup>th</sup> July 2019.
- (d) Delivered Special speech on 'Importance of Translation and Indigenous Languages' organized by Reserve Bank of India( RBI), Tvpm.
- (e) Honored as special Guest and delivered speech in the Releasing function of 100 books authored by different Scholars organized by Swami Vivekananda Association of Science & Humanities (SWASH) at press club, Tvpm on 14<sup>th</sup> December 2019.

**Dr. M S Vinayachandran, Guest Faculty**

- Delivered felicitation speech in the function for Endowment Award distribution on the name of M S Jayamohan (Former Syndicate member and Associate Professor) Prof. Krishnan Namboothiri and K Bhaskaran held at University College, Tvpm on 6<sup>th</sup> December 2019.

## INTER-UNIVERSITY CENTRE FOR EVOLUTIONARY AND INTEGRATIVE BIOLOGY (ICEIB)

### Faculty of Science

#### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Prof. M. C. Subhash Peter	M	Ph. D., D. Sc.	Hon. Director
2	Dr. Darsan B Menon	M	M. Sc., Ph. D	Lecturer
3	Dr. Anilkumar T. R	M	M. Sc., Ph. D	Lecturer
4.	Dr. Mini V. S	F	M. Phil., Ph. D	Lecturer

#### 2. Administrative staff - 4 nos. (1 M/3 F)

#### 3. Programmes offered

Name of programme	strength	Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actual 20							
Masters Integrative Biology	19	14	-	4	-	8	-	-	100
M.Phil (.....)									
PhD									
Post Doc									
Others									

## B. COMMON ACTIVITIES

2. Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.
- Narayan S., Peter, V. S. and **Peter, M.C.S.** (2019) *In vivo* action of ammonia on ion transport function in liver and heart mitochondria of immersion-stressed air-breathing fish (*Anabas testudineus* Bloch). *J. Endocrinol. Reprod.* 23: In press. IF: 1.0. ISSN : 0971-913X.
- Sheetal, G.S, Peter, V. S. and **Peter, M.C.S.** (2019). *In vitro* action of matrix metalloproteinase 2 and 9 inhibitors on Na<sup>+</sup>/K<sup>+</sup>-ATPase, H<sup>+</sup>/K<sup>+</sup>ATPase and PMCA performance in the osmoregulatory epithelia of climbing perch (*Anabas testudineus* Bloch). *J. Endocrinol. Reprod.* 23(1): 21-32.I.F: 1.0. ISSN : 0971-913X.
2. Details of papers/ abstracts published by the faculty members of the department in conference proceedings with ISBN, month/ year, indexing details if any etc.

### Invited/state-of-art Lectures made in International and National conferences

- Peter, M.C.S.**, (2019). Integrative neuroendocrine signaling between HPT-HPA axes during stress/ ease response in mice brain. **International Conference on Integrative Biology and Thyroid Physiology (IBTP 2019)**, Mascot Hotel, Thiruvananthapuram, Kerala, India, November 27-28.
- Peter, M C S.** (2019). Invited talk “Integrative Parabola Modeling for assessing recovery response in melatonin in stressed fish.” **Global Meet of International Society for Ecological Modeling held during 1-5 October in Salzburg, Austria.**
- Peter, M C S.** (2019). Invited talk “Melatonin integrates Na<sup>+</sup>/K<sup>+</sup>ATPase signaling in stressed fish ionocytes”. **Annual Meeting of Society for Experimental Biology held in Seville, Spain during 1-5 July.**
- Peter, M.C.S.**, (2019). Invited Talk on “The Dying Planet: Does science save earth?” National Symposium on Advances in Biosciences (SEIB 2019). **Inter-University Centre for Evolutionary and Integrative Biology (iCEIB), University of Kerala**, Kariavattom, Thiruvananthapuram, April 26-27.
- Peter, M.C.S.**, (2019). Invited Talk on “Advances in Stress Physiology.” Celebrating Integrative Biology (CIB 2019). **Inter-University Centre for Evolutionary and Integrative Biology (iCEIB), University of Kerala**, Kariavattom, Thiruvananthapuram, March, 29.
- Peter, M.C.S.**, (2019). Invited Talk on “Triiodothyronine integrates Na<sup>+</sup>/K<sup>+</sup>-ATPase -driven Na<sup>+</sup> signaling during stress in mice brain.” **International Conference on Comparative Endocrinology and Physiology (ICCEP 2019), RTM Nagpur University, Nagpur**, January, 7-9.

### Presentations in International and National Conferences

- Irin Kurikesu, A Jaykumar, M C S. Peter (2019). Melatonin drives molecular machinery of NKA and PMCA transporters in mice brain to protect from MSG-induced neurotoxicity. **International Conference on Integrative Biology and Thyroid Physiology (IBTP 2019)**, Mascot Hotel, Thiruvananthapuram, Kerala, November 27-28.
- Lija L. Raju, Ajith M. Thomas, Manish Krishnan, **M.C.S. Peter.** Role of *Atp1a1* and *Atp 2b2* in the brain-gut axis of restraint stressed mice. **International Conference on Integrative Biology and Thyroid Physiology (IBTP 2019)**, Mascot Hotel, Thiruvananthapuram, Kerala, November 27-28.
- Meenu Viswanath, Simi S, Valsa S. Peter, **M.C. S Peter** (2019). *Er*<sub>α</sub>, *Er*<sub>β</sub> activation coactivate *Thr*<sub>α</sub>, *Thr*<sub>β</sub>, *Thr*<sub>γ</sub> expression and modify brain energetics of stressed female fish. **International Conference on Integrative Biology and Thyroid Physiology (IBTP 2019)**, Mascot Hotel, Thiruvananthapuram, Kerala, November 27-28.
- Liya, K.C., Benno Pereira, F.G., **M.C.S. Peter** (2019). Metabolic response of goldfish (*Carassius auratus*) to osmotic stress and net-confinement. International Conference on Integrative Biology and Thyroid Physiology (IBTP 2019), Mascot Hotel, Thiruvananthapuram, Kerala, November 27-28.
- Rekha S, **M C S. Peter** (2019). *In vitro* action of L-DOPA on Na<sup>+</sup>/K<sup>+</sup>-ATPase, SDH and AchE activities in renal and intestinal explants of air-breathing fish. **International Conference on Integrative Biology and Thyroid Physiology (IBTP 2019)**, Mascot Hotel, Thiruvananthapuram, Kerala, November 27-28.
- Shilpa Antony, **M.C. S. Peter** (2019). *In vitro* action of GABA on liver and heart ion transporters in air-breathing fish (*Anabas testudineus* Bloch). **International Conference on Integrative Biology and Thyroid Physiology (IBTP 2019)**, Mascot Hotel, Thiruvananthapuram, Kerala, November 27-28.
- Ushas P U, Valsa S Peter, **M C S. Peter.** (2019). *In vivo* action of 3-iodothyronamine (T1AM) on energetics and ion -dependent ATPase activity in the osmoregulatory tissues of air-breathing fish. **International Conference on Integrative Biology and Thyroid Physiology (IBTP 2019)**, Mascot Hotel, Thiruvananthapuram, Kerala, November 27-28.
- S. Aswathi, Valsa S. Peter, **M. C. S. Peter** (2019). 3, 5 - diiodothyronine (T2) has direct action on *Thr* subtypes and *Nka*<sub>α</sub>, <sub>β</sub> isoforms in fish brain. **International Conference on Integrative Biology and Thyroid Physiology (IBTP 2019)**, Mascot Hotel, Thiruvananthapuram, Kerala, November 27-28.
- Jemma Pius, K.Manish, Sreelekshmi S, Moses Inbaraj, **M.C.S. Peter** (2019). Differential

- transcript expression of Na<sup>+</sup>/K<sup>+</sup>ATPase isoforms in stressed zebrafish (*Danio rerio*). **International Conference on Integrative Biology and Thyroid Physiology (IBTP 2019)**, Mascot Hotel, Thiruvananthapuram, Kerala, November 27-28.
- Sreelekshmi S., Monica R. D., Manish K., M. C. S. Peter, R. Moses Inbaraj (2019). An evaluation of stress response in the brain of Zebrafish, *Danio rerio*. **International Conference on Integrative Biology and Thyroid Physiology (IBTP 2019)**, Mascot Hotel, Thiruvananthapuram, Kerala, November 27-28.
  - Arathy Sudhakaran, Manish,K., Valsa S. Peter, **M.C.S. Peter** (2019). Serotonergic and mineralocorticoid receptor system modulates brain-gut axis during stress response in zebrafish. **International Conference on Integrative Biology and Thyroid Physiology (IBTP 2019)**, Mascot Hotel, Thiruvananthapuram, Kerala, November 27-28.
  - Shilpa Narayanan, Valsa S. Peter, **M.C.S.Peter** (2019). Exogeneous ammonia promotes cardiac and hepatic rhesus (rh) glycoprotein isoforms expression in freshwater air-breathing fish (*Anabas testudineus*). **International Conference on Integrative Biology and Thyroid Physiology (IBTP2019)**, Mascot Hotel, Thiruvananthapuram, Kerala, November 27-28.
  - Indu B Nair, K. Manish, **M.C. S. Peter** (2019). Melatonin activates beta-adrenergic receptors (*Adrb1* and *Adrb2*) and dopamine receptors (*Drd1* and *Drd2*) in mice. **International Conference on Integrative Biology and Thyroid Physiology (IBTP 2019)**, Mascot Hotel, Thiruvananthapuram, Kerala, November 27-28.
  - Manish, K., Jemma, P., Arathy, S., Peter, V.S., **Peter, M.C.S.**, (2019). Differential expression of ion transporter isoforms in gastrointestinal tract of stressed zebrafish (*Danio rerio*). **National Symposium on Advances in Biosciences (SEIB 2019)**. Inter- University Centre for Evolutionary and Integrative Biology (iCEIB), University of Kerala, Kariavattom, Thiruvananthapuram, April 26-27.
  - Ajith. M. Thomas, Simi, S., Manish, K., **Peter, M.C.S.**, (2019). Impact of restraint stress on ion transporters during aging in mice gut. **National Symposium on Advances in Biosciences (SEIB 2019)**. Inter- University Centre for Evolutionary and Integrative Biology (iCEIB), University of Kerala, Kariavattom, Thiruvananthapuram, April 26-27.
  - Lija L. Raju., Simi. S., Manish, K., **Peter, M.C.S.**, (2019). Regulation of ion-transporter function in stressed mice brain during chronological ageing. **National Symposium on Advances in Biosciences (SEIB 2019)**. Inter-University Centre for Evolutionary and Integrative Biology (iCEIB), University of Kerala, Kariavattom, Thiruvananthapuram, April 26-27.
  - Aswathi, S., Peter, V.S., **Peter, M.C.S.**, (2019). *In vivo* action of 3,5-diiodothyronine (T<sub>2</sub>) on ion transporters in fish osmoregulatory epithelia. **National Symposium on Advances in Biosciences (SEIB 2019)**. Inter- University Centre for Evolutionary and Integrative Biology (iCEIB), University of Kerala, Kariavattom, Thiruvananthapuram, April 26-27.
  - Shilpa Narayanan, Peter, V.S., **Peter, M.C.S.**, (2019). Exogenous ammonia modifies the mitochondrial ion transport function during hypoxia-induced stress response in air-breathing fish. **National Symposium on Advances in Biosciences (SEIB 2019)**. Inter-University Centre for Evolutionary and Integrative Biology (iCEIB), University of Kerala, Kariavattom, Thiruvananthapuram, April 26-27.
  - Indu B Nair, Manish, K., **Peter, M.C.S.**, (2019). GPCR signaling in kidney and intestine of restraint-stressed mice. **National Symposium on Advances in Biosciences (SEIB 2019)**. Inter-University Centre for Evolutionary and Integrative Biology (iCEIB), University of Kerala, Kariavattom, Thiruvananthapuram, April 26-27.
  - Simi.S, **Peter, M.C.S.**, (2019). Experimental acidosis modifies the neuronal ion transport in hypoxia-stressed fish. **National Symposium on Advances in Biosciences (SEIB 2019)**. Inter-University Centre for Evolutionary and Integrative Biology (iCEIB), University of Kerala, Kariavattom, Thiruvananthapuram, April 26-27.
  - Arathy S., Manish K., Peter, V.S., Moses Inbaraj., **Peter, M.C.S.**, (2019). Osmotic stress and its recovery modify the ion transporter and receptor expression pattern in gill and brain of wild zebrafish *Danio rerio*. **National Symposium on Advances in Biosciences (SEIB 2019)**. Inter- University Centre for Evolutionary and Integrative Biology (iCEIB), University of Kerala, Kariavattom, Thiruvananthapuram, April 26-27.
  - Jemma Pius., Manish K., Peter, V.S., **Peter, M.C.S.**, (2019). Actions of Na<sup>+</sup>/K<sup>+</sup> ATPase alpha and beta subunits and H<sup>+</sup> ATPase in gills and brain of zebrafish during air-exposure and recovery. **National Symposium on Advances in Biosciences (SEIB 2019)**. Inter- University Centre for Evolutionary and Integrative Biology (iCEIB), University of Kerala, Kariavattom, Thiruvananthapuram, April 26-27.
  - Jayaram.V.S, Manish K, Ajith M. Thomas, Lija L Raju., **Peter, M.C.S.**, (2019). Modulation of stress response through ion transporters during aging in mice. **National Symposium on Advances in Biosciences (SEIB 2019)**. Inter-University Centre for Evolutionary and Integrative Biology (iCEIB), University of Kerala, Kariavattom, Thiruvananthapuram, April 26-27.
  - InduBNair,Manish,K.,**Peter,M.C.S.**,(2019). GPCR signaling in heart and liver of restraint stressed mice. **Celebrating Integrative Biology (CIB 2019)**. Inter- University Centre for Evolutionary and Integrative Biology (iCEIB), University of Kerala, Kariavattom, Thiruvananthapuram, March 29.

- Aswathi, S., Peter, V.S., Peter, M.C.S., (2019). *In vitro* action of 3,5-diiodothyronine (T<sub>2</sub>) on ion transporters in fish osmo-integrative epithelia. **Celebrating Integrative Biology (CIB 2019)**. Inter- University Centre for Evolutionary and Integrative Biology (iCEIB), University of Kerala, Kariavavttom, Thiruvananthapuram, March 29.
  - Shailpa Narayanan, Peter, V.S., Peter, M.C.S., (2019). Dose-responsive *in vivo* action of exogenous ammonia on the ion transport function in liver and heart tissues of immersion stressed fish. **Celebrating Integrative Biology (CIB 2019)**. Inter- University Centre for Evolutionary and Integrative Biology (iCEIB), University of Kerala, Kariavavttom, Thiruvananthapuram, March 29.
  - Gayathry, R., Peter, V.S., Peter, M.C.S., (2019). Action of NO inhibitor L-NAME on ion transport in osmoregulatory epithelia of immersion stressed air-breathing fish. **Celebrating Integrative Biology (CIB 2019)**. Inter- University Centre for Evolutionary and Integrative Biology (iCEIB), University of Kerala, Kariavavttom, Thiruvananthapuram, March 29.
  - Simi. S., Manish, K., Peter, V.S., Peter, M.C.S., (2019). Restaint stress modifies Na<sup>+</sup> and Ca<sup>2+</sup> signaling in mice brain. **8<sup>th</sup> Annual meeting of Indian Academy of Biomedical Sciences (IABS 2019)**. CSIR-National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram, Kerala, February, 25-27.
  - Indu, B.N., Manish, K., Peter, M.C.S., (2019). GPCR signaling in restraint-stressed mice brain. **8<sup>th</sup> Annual meeting of Indian Academy of Biomedical Sciences (IABS 2019)**. CSIR-National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram, Kerala, February, 25-27.
  - Manish, K., Jemma, P., Arathy, S., Sreelekshmy, MosesInbraj, Peter, V.S., Peter, M.C.S., (2019). Hyperosmotic stress and air exposure modify ion transporter expression in gastrointestinal tract of wild zebrafish *Danio rerio*. **International Conference on Comparative endocrinology and Physiology (ICCEP 2019) and Indian Society for Comparative Endocrinology (ISCE)**, RTM Nagpur University, Nagpur, January 7-9.
  - Shilpa Narayanan, Peter, V.S., Peter, M.C.S., (2019). *In-vivo* action of ammonia on ion transport functions in the brain of climbing perch kept under immersion stress. **International Conference on Comparative endocrinology and Physiology (ICCEP 2019) and Indian Society for Comparative Endocrinology (ISCE)**, RTM Nagpur University, Nagpur, January 7-9.
  - Gayathry R., Peter V.S., Peter M. C. S., (2019). Nitric oxide regulates Na<sup>+</sup>/ K<sup>+</sup> ATPase function in osmoregulatory epithelia of immersion stressed fish (*Anabas testudineus* Bloch). **International Conference on Comparative endocrinology and Physiology (ICCEP 2019) and Indian Society for Comparative Endocrinology (ISCE)**, RTM Nagpur University, Nagpur, January 7-9.
3. No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any.)

Sr: No:	Project name	Funding Agency	Total Outlay Amount Received (lakh INR)	Duration	Status	PI/Co-PI
1	Integrative Stress Physiology	University of Kerala Innovative Project	30	2014-2019	On going	Prof. M. C. Subhash Peter (PI)
2	Integrative Stress Physiology	Higher Education Dept, Govt. of Kerala	60	2016-2020	On going	Prof. M. C. Subhash Peter (PI)

4. Details of newsletters/ brochure/ bulletins/ published by the department.

Newsletter: Integrative Biologists

- Vol.1. January 2015.
- Vol.2. December 2018.

- Vol.3. December 2019.
- No. of PhD theses awarded : **1**
- No. of PhD theses submitted : **3**
- No. of M. Phil dissertations awarded : **3**
- No. of M. Phil dissertations submitted: **3**

9. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	Yes
2.	No. of books in stock as on Jan 1,2019	843
3.	No. of books added this year	184

4.	No. of offline journal subscribed	78
5.	No. of online journals subscribed	1
6.	No. of online books available	57
7.	Amount spend for purchase of books	Rs.5,00,000

10. No of funded projects active during the year:

(Project name, funding agency, total outlay)

Sr:No	Project Name	Funding Agency	Total Outlay (Amount Received (Million INR))
1	Integrative Stress Physiology	University of Kerala Innovative Project	7.90
2	Integrative Stress Physiology	Higher Education Dept, Govt. of Kerala	34.00

11. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1	National Seminar on Celebrating Integrative Biology	National	iCEIB	29 March 2019	70
2	National Symposium on Advances in Biosciences SEIB 2019	National	iCEIB	26-27 April 2019	80
3	Organized a lecture by Prof. Laxmi S. Inamdar, Department of Zoology, Karnatak University, Dharwad	National	iCEIB	29 May 2019	50
4	Conference on Integrative Biology and Thyroid Physiology (ITBP2019)	International	iCEIB	27-28 November 2019	110
5.	Workshop on Innovative Teaching Zoology and Integrative Biology-WIT 2019	National	iCEIB	16 <sup>th</sup> November 2019	50 Outside State: 1

12. Major equipments purchased during the year.

Sl. No	Name of the equipment	Cost (INR)	Source of fund	Purpose/ use
1	HPLC	30,72,233	iCEIB project	Identification and quantification of neurotransmitters and hormones.
2	PowerEase™ 90W power supply	24549	iCEIB project	Mini Gel Electrophoresis
3	Tissue Lyser	435992	iCEIB project	Tissue homogenisation
4	Voltas 120L Visi Cooler	18500	iCEIB project	Refrigerator
5	Water Purification System	3,52,373	iCEIB project	Laboratory grade water
6	Hybridization chamber	499905	iCEIB project	In-situ hybridization

13. Details of alumni association.

Sl. No	Details	
1.	Name of the association	CEIB Alumini
2.	Registered or not	No
3.	No. of meetings held this year	1
4.	No. of members added this year	8
5.	Details of alumni contributions, including endowments, talks, donation etc	

**C. CONTRIBUTION AT INDIVIDUAL LEVEL**

1. Name of faculty : **Prof. M. C. Subhash Peter**
2. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. : **2**
3. No. of papers published in other peer reviewed journals with ISSN etc. : **2**
4. No. of book edited/ published with ISBN: **NIL**
5. No. of papers published as chapters in books : **NIL**
6. No. of presentations in conferences/ seminars (indicate oral/ poster)

**Invited : 6**

**Oral : 32**

7. No. of PhD theses awarded : **1**
8. No. of PhD thesis submitted: **3**
9. No. of MPhil dissertations awarded: **2**

10. No. of MPhil dissertations submitted: **2**
11. No. of workshops/FDPs/short term courses/ conferences attended: **10**
12. No. of foreign visits for academic purposes : **2**
13. Involvement in academic bodies as dean, academic council/ board of studies member etc.
  - **Chairman, Board of Studies, Zoology, University of Kerala**
  - **Chairman, Board of Studies, Integrative biology, University of Kerala**
14. Served as Chair/ member of committees/ boards/ councils/ commissions etc.
  - **Chairman, Board of Studies, Zoology, University of Kerala**
  - **Chairman, Board of Studies, Integrative biology, University of Kerala**

**CENTRE FOR INFORMATION LITERACY STUDIES**

1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1.	Dr.B.Mini Devi	F	MSc., M.L.I.Sc., Ph.D.	Hon.Director

1. details of eminent personalities visited in the department.

- **Best Practices in Libraries, Smt. Amarjeet Kaur Gill, DIRECTOR, KnowledgeDOT, Singapore, 27<sup>th</sup> October 2019**

**INTER UNIVERSITY CENTRE FOR GEOSPATIAL INFORMATION SCIENCES AND TECHNOLOGY**

**Year of establishment:2008**

**Faculty of Science**

1. Teaching Staff :

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Vineetha.P	F	M.Sc	Contract Lecturer

2. Programmes offered :

Name of programme	strength	Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanctioned(Including marginal increase)	Actual							
Masters (.....)									
M.Phil (.....)									
PhD									
Post Doc									
Others Post Graduate Diploma in Geo Information Sciences and Technology	10 / 8	6	-	1	1	2	1	-	

**B. COMMON DEPARTMENT ACTIVITIES**

1. Details of papers published by the faculty members of the department in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN Vol No., month/year, impact factor etc.
- Spatio-temporal analysis of road accident incidents and delineation of hotspots using geospatial tools in Thrissur District, Kerala,
2. No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any.) :

India, Journal of Cartography and Geographic Information (Springer), Nov 2019.

- **Landslide Susceptibility Analysis Using Frequency Ratio Model in a Tropical Region, South East Asia** (2019).*Journal of Geography, Environment and Earth Science International*,22(2), 1-13. <https://doi.org/10.9734/ijgeesi/2019/v22i230140>

Sl. No.	Title of the Research project	Position	Duration	Funding Agency	Grant (Rs.)
1	Survey and Mapping of Exotic freshwater biodiversity in Kerala using Geographic Information System	Co-In (with Dept. of Aquatic Biology)	2016-2019	Directorate of Environment and Climatic Change, Government of Kerala	15,00,000

**30. Details of alumni association.:**

Sl. No	Details	
1.	Name of the association	GISAA – GIS Alumni Association
2.	Registered or not	no
3.	No. of meetings held this year	one
4.	No. of members added this year	6
5.	Details of alumni contributions, including endowments, talks, donation etc	NIL

**C. CONTRIBUTION AT INDIVIDUAL LEVEL**

1. Dr.Rajesh Reghunat, Faculty from Department of Geology on additional charge as Co-ordinator. His individual contribution is submitted in the report of Department of Geology
2. No. of papers published in journals indexed in WoS, Scopus and CARE of UGC etc with ISSN/ impact factor etc. : 2

**INTER UNIVERSITY CENTRE FOR  
ALTERNATIVE ECONOMICS (IUCAE)**

**Year of Establishment:2015**

**Faculty of Social Science**

3. Administrative staff - 2 nos. (F)
4. Programmes offered

Programme	Numbers
Associate Research Programme	3
Short Term Projects	5

- Book entitled “Five Lectures on Money” written by Prof. Mark Lindley (USA; Visiting Professor, Baba Saheb Ambedkar University) has been released by the Hon: Vice Chancellor of University of Kerala on 16th March 2019
- 2. No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any.)

**B. COMMON ACTIVITIES**

1. Details of book edited/ published by the faculty members of the department with title, ISBN, publisher, month/ year.

Short Term Projects -5

Project Title	Funding Agency	Total Outlay	Duration	Completed Or Not	Principal Investigator And Co-Investigator
Role Financial Institutions in Human Capital Development	Govt. of Kerala	Rs.1 Lakh	1 year	Not completed	Dr. Krishnan.C Associate Professor Of Economics & Vice Principal, Government College Kodanchery, Kozhikode
Class And Its Intersectionalities: The Case Of Class-Nationality Interface In Kerala	Govt. of Kerala	Rs.1 Lakh	1 year	Not completed	Dr. Gilbert Sebastian Assistant Professor, Department Of International Relations And Politics, Central University Of Kerala, Kasaragod
Evidences Of The Impact Of Behavioral Interventions In First Generation College Students In The City Of Chennai	Govt. of Kerala	Rs.1 Lakh	1 year	Not completed	Meriam Alex Assistant Professor, Alpha College, Porur
Indigenous Financial Technologies in the Social Economy of Kerala	Govt. of Kerala	Rs.1 Lakh	1 year	Not completed	Dr. Christabell.PJ. Assistant Professor, Department Of Futures Studies, University of Kerala Kariavattom Campus
An Analysis Of Government Policies On The Rehabilitation Of Return Emigrants Of Malappuram	Govt. of Kerala	Rs.1 Lakh	1 year	Not completed	Dr. Shibu S Head, Department of Economics, PSMO College, Tirurangadi

Associate Research Programme -3

Project Title	Funding Agency	Total Outlay	Duration	Completed Or Not	Principal Investigator And Co-Investigator
Role of Ecotourism in Sustainable Development	Govt. of Kerala	Rs. 10000 per month	6 Months	Completed	Haritha M C Lekshmi Bhavan Mundarathala, Karode, Vilappilsala
Performance and Efficiency of Financial Institutions; A Comparative Study of Conventional and Islamic Banks in Kerala.	Govt. of Kerala	Rs. 10000 per month	6 Months	Completed	Shagishna K Shaas, Thattankandiyil, Mahe, Pondicherry
Surrogacy Tourism – Legal Lacunae And Socio-Economic Considerations	Govt. of Kerala	Rs. 10000 per month	6 Months	Completed	Adv. Devisree G S Sreegeetham, Ayikunnam, Sasthamcotta, Kollam

3. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	No
2.	No. of books in stock as on Jan 1, 2019	67
3.	No. of books added this year	31



4.	No. of offline journal subscribed	NIL
5.	No. of online journals subscribed	NIL
6.	No. of online books available	NIL
7.	Amount spend for purchase of books	

4. Details of international/ national conferences/ seminars/workshops organized by the Centre.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1	Restructuring Kerala Economy: An Alternative Perspectives	International	Govt. of Kerala	21 <sup>st</sup> -23 <sup>rd</sup> January, 2019	State-125

5. Details of eminent personalities visited in the department.

- Prof. Mark Lindley (USA; Visiting Professor, Baba Saheb Ambedkar University)
- Prof. Satyaki Roy (Institute for Studies in Industrial Development (ISID), New Delhi)

6. Details of awards received by faculty/ staff/ students. NIL

7. Other major achievements and activities, including invited lectures, interactions, get together etc.

- Five day Inter University Lectures on “Money” delivered by Prof. Mark Lindley (USA; Visiting Professor, Baba Saheb Ambedkar University) on 6th, 8th, 11th, 13th, 15th March 2019
- Dissemination seminar of Internship/ Associateship/Short Term Project was organized on 17th June 2019
- The Thirteenth Inter University Lecture was delivered by Dr. Satyaki Roy (ISID, New Delhi) on 10th December 2019

## MANONMANIAM SUNDARANAR CENTRE FOR DRAVIDIAN CULTURAL STUDIES

**Dr. JEYAKRISHNAN P**

**HON. DIRECTOR**

Field of Specialization: Grammar, Linguistics, Comparative Literature, Translation and Folklore

Research Activities :

**Books Published :**

- 1 Editor of the Book “Contribution of South India to Indian Culture” - November 2019 published by Manonamiam Sundaranar Centre for Dravidian Cultural Studies University of Kerala Vide ISBN No 978-81-940771-2-1**
- 2 Editor of the Proceedings of National Seminar “Chera Senatamail” Published by Shanlax International Journal of Tamil Studies Madurai - 2019 ISSN No 2524-3993**
- 3 Editor of the Book Suvadhiyiyal Katturaikal - 2019 of Manonamiam Sundaranar Centre for Dravidian Cultural Studies, University of Kerala**
- 4 Editor of the Seminar Abstracts “Documentation Dravidian Culture Conservation Process and Digital Technology ” - November 2019 published by Manonamiam Sundaranar Centre for Dravidian Cultural Studies University of Kerala**

A. Articles in Scholarly Journals

**Published Research Articles in the UGC approved International Journals :**

1. Published a research paper in the UGC approved International Journal of Modern Tamil Research April -June 2019 Quarterly, on the topic “ Bharathiarum Vallatholum’ (Pp. 308-315). ISSN No 2321-984X
2. Published a research paper in the UGC approved International Journal of Classical Tamil Research April- June 2019 Quarterly, on the topic “ Keralathil Tamil Kalvi’ (Pp. 677-681). ISSN No 2321-0737
3. Published a research paper in the UGC approved International Journal of Classical Tamil Research April- June 2019 Quarterly, on the topic “ Samuthaya Mozhiyiyal Nokkil Malayalam Tamil Akarathiyil Malayala Panpattu Chorkali’ (Pp. 306-309). ISSN No 2321-0737
4. Published a research paper in the Shanlax International Journal of Tamil Research November 2019 on the topic “Pathittu Pathil Cherar Vazhipattu Muraikal ‘ (Pp. 16-20). ISSN No 2454-3993

C. Publication of paper or abstract in conference proceedings

1. Published a research paper in the Proceedings of National Conference on Tamil Samookamaam held at Dept. of Tamil Alagappa University Karaikudi in September 2019 (pp06-22)

**E. Presentations in conferences/seminars/ Workshop (Indicate Oral/Poster)**

1. Participated as a Resource Person and Delivered a Lecturer in the Five Day National Workshop conducted by Dept. of Tamil University of Kerala Thiruvananthapuram on the topic "Tamil Malayala Maruthuva Suvadikalil Mozhi" on 21-25 Feb 2019
2. Participated and presented a Paper in the Three day National Seminar conducted Dept. of Tamil University of Kerala Thiruvananthapuram on the topic "Pathinen Keelkannakkil Thodarial Koorukal" on 06-08 March 2019
3. Participated and presented a Paper in the National Seminar conducted by International Institute of Tamil Studies Chennai at ANJA College Sivakasi on the topic "Malayala Tamil Akarathiyil Malayala Panpattu Chorkal" on 15 March 2019
4. Participated as a Resource Person and Delivered a Lecturer in the Five Day National Workshop conducted by Dept. of Tamil University of Kerala Thiruvananthapuram on the topic "Tamil Malayala Suvadikalil Katralum Karpithalum" on 18-22 March 2019
5. Participated and presented a Paper in the National Seminar conducted by International Institute of Tamil Studies University of Kerala Thiruvananthapuram on the topic "Malayal Tamil Akarathiyil Malayala Panpattu Chorkal" on 15 March 2019
6. Participated and presented a Paper in the National Seminar conducted by Dept. of Tamil University of Kerala Thiruvananthapuram Iand Alumni of the Dept. of Tamil University of Kerala on the topic "Chilampil Malai Nattu Koorukal" on 27 March 2019
7. Participated and presented a Paper in the Two National Seminar conducted by Dept. of Tamil Bharathiar University Coimbatore on the topic "Bharathiarum Vallatholum" on 28-29 March 2019
8. Participated as a Resource Person and Delivered Six Lecturer in the UGC NET Coching conducted by Dept. of Tamil University of Kerala Thiruvananthapuram on the topic "Research Methodoly" on 09-20 June 2019
9. Participated as a Resource Person and Delivered two Lectures in the Refresher Course of College Teachers at UGC Human Resource Centre University of Kerala conducted by UGC Human Resource Centre University of Kerala Thiruvananthapuram on the topic "Forensic Linguistics" on 29<sup>th</sup> April 2019
10. Participated as a Resource Person and Delivered two Lectures in the Refresher Course of College Teachers at UGC Human Resource Centre University of Kerala conducted by UGC

Human Resource Centre University of Kerala Thiruvananthapuram on the topic "Keralathil Kannaki Vazhipadu" on 21<sup>st</sup> May 2019

11. Participated as a Resource Person and Delivered two Lectures in the Refresher Course of College Teachers at UGC Human Resource Centre University of Kerala conducted by UGC Human Resource Centre University of Kerala Thiruvananthapuram on the topic "Keralathil Kannaki Vazhipadu" on 30<sup>th</sup> May 2019
12. Participated and presented a Paper in the National Conference conducted by A.P.C Mahalexhmi College Sivakasi Tuticorin on the topic "Chilappathikaram and Kannki Vazhipadu" on 19<sup>th</sup> June 2019
13. Participated and presented a Paper in the National Conference conducted by Raja Kokila Arakkattalai, Thenkumari Tamil Sangam Nagercoil. on the topic "Tamil Ezhuthu Valarchi" on 13<sup>th</sup> July 019
14. Participated and presented a Paper in the National Seminar conducted by Muslim Arts College Thiruvithancode on the topic "Eliments of Tamil Literary Culture" on 11<sup>th</sup> October 2019
15. Participated and presented a Paper in the National Seminar conducted by Sree Ayappa College Nagercoil. on the topic "Current treants TamilResearch" on 31<sup>st</sup> August 2019
16. Participated and presented a Paper in the Two day National Seminar conducted by Dept. of Tamil University College Thiruvananthapuram on the topic "Ulavial Paarvaiyil Irrattai Kappiyanakal on 30.11.2019 to 01.11.2019
17. Participated and presented a Paper in the Three day National Seminar conducted Dept. of Tamil University of Kerala Thiruvananthapuram on the topic "India Panapatirrkku Cherappulavarkalin Pankalippu" on 19-21 November 2019
18. Participated and presented a Paper in the Three day National Seminar conducted Dept. of Tamil University of Kerala Thiruvananthapuram on the topic "Pathitru Pathil Cherar Vazhi Pattu Muraikal" on 27-29 November 2019
19. Participated as a Resource Person and Delivered a Lecturer in the Five Day National Workshop conducted by Dept. of Tamil University of Kerala Thiruvananthapuram on the topic "Documentation of Kerala Tribal Language and Culture" on 02-06 December 2019
20. Participated and presented a Paper in the Three day National Seminar conducted Schoo; of Indian Languages University of Kerala Thiruvananthapuram on the topic "Importance of Teaching Spoken form of Tamil in Second Language Teaching" on 11-13 December 2019

**Workshop Participation**

1. Participated in the Five Day National Workshop on Tamil Malayalam Manuscriptology conducted by Dept. of Tamil University of Kerala Thiruvananthapuram from 21.01,2019 to 25.01.2019

2. Participated in the Five Day National Workshop of UGC NET at National Testing Agency Noida from 04.02,2019 to 08.02.2019
3. Participated in the Five Day National Workshop on Tamil Malayalam Manuscript Learning and Editing conducted by Dept. of Tamil University of Kerala Thiruvananthapuram from 26.08.2019 to 30.08.2019
4. Participated in the Five Day National Workshop of UGC NET at National Testing Agency Noida from 04.02,2019 to 08.02.2019
5. Participated in the Five Day National Workshop on Documentation of Kerala Tribal Language and Culture conducted by Dept. of Tamil University of Kerala Thiruvananthapuram from 02.12.2019 to 06.12.2019

#### **Special Lectures**

1. Participated and delivered a Special Lecture conducted by Dept. of Tamil Baharathiar University Coimbatore on the topic "Tamil Malayalam Ilakkiam Or Oppeedu on 03.09.2019
2. Participated and delivered a Special Lecture conducted by Dept. of Tamil Alagappa University on the topic "Temples and Tamil Society on 06.09.2019
3. Participated and delivered a Special Lecture conducted by Dept. of Tamil ANJA College Sivakasi on the topic "Mozhiyiyal Vakaikalum Kotpadukalum on 15.03.2019
4. Participated and delivered a Special Lecture conducted by Dept. of Tamil Baharathiar University Coimbatore on the topic "Puthia Nokkil Bharati on 28.03.2019
5. Participated and delivered a special Lecture in the National Seminar conducted by Sree Ayappa College Nagercoil. on the topic "Current trends Tamil Research " on 31<sup>st</sup> August 2019

#### **Seminar/ Workshop –Coordinator/ Organizing Secretary**

1. Conducted One Week National workshop on the topic Tamil Malayalam Manuscriptology – Siddha Medieval Manuscripts at Dept of Tamil of University of Kerala on 21-25 January 2019
2. Conducted a National Seminar as coordinator on the topic ' Panmuga Nokkil Ilakkiam at Dept of Tamil University of Kerala on 27 March 2019
3. Conducted a three day National Seminar as coordinator on the topic Contribution of South India to Indian Culture at Dept of Tamil University of Kerala on 19-21 November 2019

4. Conducted a National Seminar as coordinator on the topic ' Chera Sentamil Ilakkiam at Dept of Tamil University of Kerala on 27-29 November 2019
5. Conducted One Week National workshop on the topic Documentation of Dravidian Culture Conservation Process and Digital Technology at Dept of Tamil of University of Kerala on 02-06 December 2019

#### **Extra Curricular activities:**

##### **All India Radio**

Present a Talk on Dravidian Culture on 02.02.2019

Attended as a Judge in the District Level School youth festival Tamil Stage Programmes

##### **Key Note Address / felicitation Delivered:**

1. Participated and delivered a Special Lecture conducted by Dept. of Tamil Baharathiar University Coimbatore on the topic "Tamil Malayalam Ilakkiam Or Oppeedu on 03.09.2019
2. Participated and delivered a Special Lecture conducted by Dept. of Tamil Alagappa University on the topic "Temples and Tamil Society on 06.09.2019
3. Participated and delivered a Special Lecture conducted by Dept. of Tamil ANJA College Sivakasi on the topic "Mozhiyiyal Vakaikalum Kotpadukalum on 15.03.2019
4. Participated and delivered a Special Lecture conducted by Dept. of Tamil Baharathiar University Coimbatore on the topic "Puthia Nokkil Bharati on 28.03.2019

#### **Editorial Board Member of International / National Journals**

##### **Membership in Professional bodies**

1. Life Member in International School of Dravidian Linguistics Association Thiruvananthapuram
2. Life member in All India Scientific Tamil Association Tanjavoor
3. Life Member in Tamil Thiruvananthapuram Tamil Sangam, Trivandrum
4. Life Member and Joint Secretary in All Kerala Tamil Federation
5. Life Member in All India University Tamil Teachers Association
6. Life Member in Tamil Auvu Sangamam Journal
7. Life Member in Tamil Kaavya Tamil Journal

# CENTRE FOR PERFORMING & VISUAL ARTS

Year of establishment: 2007

Faculty of

## 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Dr.Raja Varier	M	M.Phil, Ph D	Director in Charge Lecturer on contract

## 2. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	
2.	No. of books in stock as on Jan 1,2019	2078
3.	No. of books added this year	75
4.	No. of offline journal subscribed	28
5.	No. of online journals subscribed	--
6.	No. of online books available	--
7.	Amount spend for purchase of books	Rs. 2,46,014

### C. CONTRIBUTION AT INDIVIDUAL LEVEL

1. Name of faculty: Dr. Raja Varier

2. No. of book edited/ published with ISBN

1)Natakamanjari : Sahithya Akademi, New Delhi.  
ISBN:978-93-89467-27-7

2)Performing Arts of Kerala : Pento graph Publications  
India, Tvm

ISBN: 978-81-936545-7-6

3)Sargathmakathayude Sancharapadhangal ISBN:  
978-81-935691-4-6

4)Theyyam : Theatre in Ritual ISBN: 978-81-938757-  
5-9

5)Hamsaganavum Aaru Kadhakalum ISBN: 978-81-  
938757-1-1

3. No. of papers published as chapters in books

Vellaripravinte Visudhiyode,

chapter written by Dr. Raja Varier;

Book: 'Ormakalile Ramanujam' edited by Dr. R.B.  
Rajalakshmi.

Publishers : Don books, Kottayam ISBN : 978-93-  
89367-08-9

4. No. of presentations in conferences/ seminars  
(indicate oral/ poster)

#### **a-i )International Conference**

1.Dr.Raja Varier presented a paper on "The changing  
perspective of Actor in the theatre arena" in the  
International conference on 'Theatre Practice-  
Changing Trends' organized by the School of Drama,  
Calicut University, Thrissur

#### **a-ii )International Seminar**

1.Presented a paper on

'The Characteristics of Kerala Theatre' in the  
International Seminar on 'Creating the Text of Theatre  
in Contemporary Drama' conducted by the Dept.of  
Malayalam, Central University of Kerala, Kasargod.

#### **b-i )National Seminars**

1.Dr.Raja Varier presented a paper on 'Changing  
Trends in Malayalam Theatre' in the National  
Seminar on 'Sahityavum Samskaravum: Maarunna  
Chinthakal, Sameepanangal' organized by the Dept.  
of Malayalam, Sree Sankaracharya University of  
Sanskrit, Thiruvananthapuram Regional Centre.

2) Dr.Raja Varier presented a paper on "Indigenous  
Theatre:Application and Relevance" in the U.G.C.  
National Seminar on 'Kerala Theatre Legacy:  
Literature, Culture and Performance', organized by the  
Dept. of Malayalam, Sree Sankaracharya University of  
Sanskrit, Panmana Campus.

3) Dr.Raja Varier presented a paper on

the ' Contemporary Malayalam Theatre: Text and  
Application' in the National Seminar organized by The  
Kendra Sahitya Akademi and Dept. of Malayalam,  
Devamatha College, Kuravilangadu, Kottayam.

4)Dr.Raja Varier presented a paper on 'Popular Theatre  
in Kerala' in the National Seminar on "Theatre- The  
Performing Art for Resistance", Organized by the Dept.  
of Malayalam, Govt. College for Women, Tvpm.

5) Dr. Raja Varier presented a paper on 'Malayalam  
Dramatic Literature' in the National Seminar on  
'Malayala Bhaavanayude Lavanyadarsanam-  
Charithravum Parinamavum', organized by the Dept.  
of Malayalam, University College, Tvpm

6)Dr. Raja Varier served as a resource person in the  
National Seminar on 'Indin Theatre' organized by  
Kerala Sangeetha Nataka Akademi and Dept. of  
Malayalam, Ettumanoorappan College, Ettumanoor,  
Kottayam.

#### **b-ii) National Workshops**

1)Dr. Raja Varier served as a resource person in the one  
day workshop on 'The Importance of Theatre Practice  
in Teacher Education' organized by Kerala University  
College of Teacher Education, Kollam.

2) Dr. Raja Varier, delivered lecture on 'Drama and Acting : The Chemistry of Theatre' in the workshop on 'Luigi-Pirandello- Kesari Rememberance', organized by the Dept. of Malayalam, University of Kerala, Kariavattom, Tvp. m.

3) Dr. Raja Varier served as a resource person in the one day workshop on 'Arangum Porulum-Based on Malayalam Dramas' organized by the Dept of Malayalam Scott Christian

5. No. of articles published in scholarly magazines, bulletins or news papers.

1) 'Ramayana Natakangal-Malayalathil', written by Dr. Raja Varier in 'Vijnanakairali' Vol.-50, Issue-10, ISSN : 9772349105005

2) 'Karnad-Kaanaamarayathu', written by Dr. Raja Varier in 'Grandhalokam' Vol-70, Issue-7.

## RAJA RAVI VARMA CENTRE OF EXCELLENCE FOR VISUAL ARTS, MAVELIKKARA

Year of establishment: 2011

### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Prof.(Rtd) K C Chittrabhanu	M		Hon. Director
2.	Bipin B Chandran	M	MA ART HISTORY, NET	LECTURER(CONTRACT)
3	LIBESH N V	M	MA PAINTING, NET	LECTURER (CONTRACT)
4	REMYA R S	F	MA PAINTING, NET	LECTURER(CONTRACT)

2. Administrative staff - 3 nos. (2 F/1 M)

3. Programmes offered

Name of programme	strength	Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actual							
Masters (PAINTING)	07 04	03	NIL	01	0	NIL	01	02	100
Masters (ART HISTORY)	07 03	02	NIL	0	0	OBC(1)	0	01	100
PhD	-----								
Post Doc	-----								
Others	-----								

### B. COMMON ACTIVITIES

1. 3. Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.

### ISSN 0974-1984 BY BIPIN B CHANDRAN, LECTURER IN ART HISTORY

2. Details of book edited/ published by the faculty members of the department with title, ISBN, publisher, month/ year. **ISBN 978-93-88992-19-0**

3. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	NO
2.	No. of books in stock as on Jan 1,2019	1323
3.	No. of books added this year	01
4.	No. of offline journal subscribed	0
5.	No. of online journals subscribed	01
6.	No. of online books available	0
7.	Amount spend for purchase of books	3780

4. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1	Workshop in Painting by Frederick C Hazenzahl, USA	International	University of Kerala	11/2/2019 to 13/02/2019	
2.	Workshop by K K Muhammed, Senior Artist lives in Baroda	National	University of Kerala	18/02/2019 to 22/02/2019	
03	Workshop by Prof.B V Suresh, HOD, Central University, Hyderabad	National	University of Kerala	02/12/2019to 05/12/2019	

5. Green initiatives/ waste management/ energy saving measures.YES

6. Details of eminent personalities visited in the department. Frederick C Hazenzahl, USA, K K Muhammed, Senior Artist lives in Baroda, prof.B V Suresh, HOD, Central University, Hyderabad

7. Details of awards received by faculty/ staff/ students. State award for the Years 2018,2019

## SCHEME ON STUDY ON COST OF CULTIVATION OF PRINCIPAL CROPS IN KERALA.

**Est:1970**

Cost of Cultivation Scheme is Successfully functioning from 1970 attached to Dept. of Economics, University of Kerala with 100% financial and technical support from Directorate of Economics & Statistics, Ministry of Agriculture & Farmer's Welfare, Govt. of India, New Delhi.

**Honorary Director ( HOD, Dept.of Economics) : (Prof.) Dr. Anitha.V**

**Field Officer : Smt. Indulekha. PT**

### I. Technical Staff

II) Administrative Staff - 3 nos. (F)

#### B. ACTIVITIES

In Kerala 30 samples are allotted for the Study on Cost of Cultivation of Principal Crops in Kerala. As such in each block period (current block period is 2017-20 with the crop complex, Paddy, Coconut, Green gram, Black gram, Red gram/Tur) 30 Tehsils /villages are selected according to the area under the selected crops. From each village, using the procedures of sampling, 10 cultivators in five different size classes (according to their area) are taken and hence a total of 300 farmers from 30 tehsils are chosen for the study. Economic Investigators deputed to these

villages collect data from the selected farmers during their regular visit. Regional Supervisors will inspect the work of Economic Investigators deputed under their region. The data collected by the Economic Investigators are entered in FARMAP2.0 Software and submit the same to their supervisor through online using this software for verification. After verification of this data, supervisor submits the same to Field Officer Level using Farmap 2.0 software. In Head Office these data are thoroughly verified by the Computers under the guidance of Field Officer and Assistant Statistician. Finally it is submitted to Directorate of Economics and Statistics, Ministry of Agriculture, GOI.

Details of workshops/ trainings organized by the Scheme.

Sl. No	Name of the conferences/ seminars/ workshops	Date of the conference/seminar/ workshop	No. of participants
1	3 day Annual Workshop for the Field Staff.	3 <sup>rd</sup> April 2019 to 5 <sup>th</sup> April 2019	41 ( Including Office staff)
2.	2 day Training for the field staff on validation of online data.	26 <sup>th</sup> and 27 <sup>th</sup> August 2019	41

Major developmental activity like construction etc.

Sl. No	Name of the activity	Cost	Source of fund
1	Renovation of Economics Seminar Hall, HOD Room and Field Officer's Room	Rs.12,56,388	Contingency fund of Cost of Cultivation Scheme, Kerala allotted by Directorate of Economics & Statistics, Ministry of Agriculture & Farmer's Welfare, Govt. of India, NewDelhi.

HON. DIRECTOR

## INTERNATIONAL CENTRE FOR SREENARAYANAGURU STUDIES

**Year of establishment:1982**

1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
DIRECTOR	Dr.M.A.Siddeek	M	PhD	Assistant Professor Department of Malayalam

B. COMMON ACTIVITIES

Nil

- A library wing is going to start in the Campus Library under the programme 'NAVODHANA IDAM', an initiative of Sreenarayana Study centre.

1. 19. Details of Library books/ journals

2. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
01	ശ്രീനാരായണഗുരുവിന്റെ വിഭാഗസംവാദം വാരാണസിയും ഡോക്യുമെന്റേഷൻ ഉൽഘാടനവും പ്രഭാഷണങ്ങളും	NATIONAL	University	2019 FEB28,- MARCH1 VARANAPPALLI	1000
02	SREENARAYANA GURU-VUM KALAVAMKODAM PRATHISHTAYUM. DOCUMENTATION ULKHAD-ANAVUM	NATIONAL	UNIVERSITY	2019 MARCH14 KALAVAMKODAM	1200
03	SREENARAYANA DARSANAM	NATIONAL SEMINAR	UoK	2019 MARCH26 CHEMPAZHANTHY	500
04	SREENARAYANA PHILOSOPHY	NATIONAL SEMINAR	UoK	2019 MARCH 29 KOLLAM	300

05	SREENARAYANA LITERARY CAMP	NATIONAL	UoK	2019 MAY 16,17 PARAVOOR	200
06	SREENARAYANA BOOK EXHIBITION	REGIONAL	UoK	KOLLAM PUBLIC LIBRARY 2019 JUNE 15,16	2000
07	SREENARAYANA SEMINAR	NATIONAL	UoK	2019 MARCH 22,23 SN COLLEGE,- VARKALA	1500
08	SREENARAYANA LITERARY CAMP	NATIONAL	UoK	2019 JUNE 22,23 ARUVIPPURAM	600

## SURVEY RESEARCH CENTRE

Year of establishment:1979

**Faculty of Social Sciences**

### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1.	DR.JOSUKUTTY C.A	Male	Mphil,PhD	Associate Professor & Director, Survey Research Centre

### 2. Administrative staff - 1 no. (F)

#### B. COMMON ACTIVITIES

1. Details of papers published by the faculty members of the department in other peer reviewed journals with ISSN, Vol No., month/year etc.

- Josukutty C.A.(2019), Nineteenth Lok Sabha Elections: Factors and Issues (UGC approved. No.63880 in Social Science ISSN 09755497), Social Science in Perspective, October-December 2019, Vol. 10, No. 3 pp.315-334, ISSN 0975-5497.

2. Details of papers published by the faculty members of the department as chapters in books with details such as title of the paper, title of the book, editors, publisher, etc.

- "Nature and Dynamics of Religion Oriented Politics in Kerala", in Narender Kumar(etc.), Politics and Religion in India, Routledge, New York, pp-124-38.
- "The Maritime Transformation of Asia-Pacific: Interdependence and Security: Indian and Japanese Visions" in India and Japan ; Growing Partnership and Opportunities for Cooperation, CPPR -Centre for Strategic Studies, Kochi, pp- 27-37, 2018, ISBN (E-book edition):978-81-930004-6-5.

3. Details of articles published by the faculty members of the department in scholarly magazines, bulletins or news papers.

- Article on Shut down in the US on Wall, 12-01-2019 Kerala Kaumudi
- Article on Politics of Lok Sabha Elections 19-01-2019 Kerala Kaumudi
- Article on What was left Behind – Lokhaveedi 28-01-2019 Kerala Kaumudi
- Article on West Against China 14-02-2019 Kerala Kaumudi
- Article on Kashmir on the boil 16-02-2019 Kerala Kaumudi

- Article on diplomatic victory for India 02-03-2019 Kerala Kaumudi
- Article on alliance politics 14-03-2019 Kerala Kaumudi
- Article on China the Cheat 16-03-2019 Kerala Kaumudi
- Article on Perception creation in campaign politics 26-03-2019 Kerala Kaumudi
- Article on US election 29-04-2019 Kerala Kaumudi
- Article on Ban Masood 03-05-2019 Kerala Kaumudi
- Article on India-US stand off 13-05-2019 Kerala Kaumudi
- Article on Kerala Lok Sabha Elections 20-05-2019 Kerala Kaumudi
- Article on G-20 Summit at Osaka Japan 02-07-2019 Kerala Kaumudi Article on
- Article on War Clouds in West Asia 11-07-2019 Kerala Kaumudi
- Article on Increasing tension in West Asia 24-07-2019 Kerala Kaumudi
- Article on U S Politics- "Go Back and Send Her Back" 01-08-2019 Kerala Kaumudi
- Article on Kashmir, To regain the Lost Heaven, 06-08-2019 Kerala Kaumudi
- Article on Kashmir and China 20-08-2019 Kerala
- Article on Protests in Hongkong 23-08-2019 Kerala Kaumudi
- Article on article on wrong signals in Indo-US relations 29-08-2019 Kerala Kaumudi
- Article on impeachment threat for Trump 30- 09-2019 Kerala Kaumudi
- Article on India- China Summit: From Wuhan to Mahabalipuram 09-10-2019 Kerala Kaumudi
- Article on India- China Summit: A Success 13-10-2019 Kerala Kaumudi
- Article on Setback for ISIS 28-10-2019 Kerala Kaumudi



- Article on Trump Impeachment 06-12-2019,
- Article on Death Penalty for Musharaf 18-12-2019,
- Article on An impeachment mired in political games. 21-12-2019, kerala kaumudi,
- Article on The world in the last decade, Kerala kaumudi 31-12-2019,
- 4. No. of funded projects active during the year (Project name, funding agency, total outlay, duration, completed or not, principal investigator and co- investigator if any.)
  - “Emerging Debt Trap Diplomacy and People to people Bonds in Belt and Road Initiative” National Social Science Fund of China, Chinese RMB 200, 000 (Indian Rupees 2025000/-), 2019-22, Ongoing, Josukutty C.A- co-Investigator.
  - State of Politics Survey Midway Evaluation of LDF Government in Kerala, University of Kerala, March 2019, Rs. 400000/- Four lakhs, 2019-20, Ongoing, Josukutty C.A- Principal Investigator.
  - Role of States in India’s foreign Policy, University of Kerala, Rs. 300000/-,2018-20, Ongoing Josukutty C.A- Principal Investigator.
  - Opinion Study on Entry of Women into Sabarimala: Issues involved, University of Kerala, Rs/- 1,78,800/- March 20-18-19, Completed, Josukutty C.A- Principal Investigator.
- Pre-poll study Pala, by-election, University of Kerala, Rs 80,000/- 2019-20, Completed, Josukutty C.A- Principal Investigator.
- 5. No. of PhD theses awarded. - 1 no.
- 6. No. of PhD theses submitted. - 1 no.
- 7. No. of M. Phil dissertations awarded. - 1 no.
- 8. No. of M. Phil dissertations submitted. - 2 nos.
- 9. No of funded projects active during the year: (Project name, funding aganecy, total outlay).
  - State of Politics Survey Midway Evaluation of LDF Government in Kerala, University of Kerala, March 2019, Rs. 400000/- Four lakhs, 2019-20, Ongoing, Josukutty C.A- Principal Investigator.
  - Role of States in India’s foreign Policy, University of Kerala, Rs. 300000/-, 2018-20, Ongoing Josukutty C.A- Principal Investigator.
  - Opinion Study on Entry of Women into Sabarimala: Issues involved, University of Kerala, Rs/- 1,78,800/- March 20-18-19, Completed, Josukutty C.A- Principal Investigator.
  - Pre-poll study Pala, by-election, University of Kerala, Rs 80,000/- 2019-20, Completed, Josukutty C.A- Principal Investigator

10. Details of consultancy work active during the year.

Sl. No	Name of the project	Project Director	Sponsoring agency	Outlay	Duration
	Mood of the Nation Survey	Dr.Josukutty C.A	Flowers Channel, Kochi	15,000/-	2 months

C. CONTRIBUTION AT INDIVIDUAL LEVEL

1. Name of faculty: **Dr. Josukutty C.A.**
2. No. of papers published in other peer reviewed journals with ISSN etc.
  - Josukutty C.A. ( 2019), Nineteeth Lok Sabh Elections: Factors and Issues ( UGC approved.No. 63880 in Social Science ISSN 09755497), Social Science in Perspective, October-December 2019, Vol. 10, No. 3 pp.315-334, ISSN 0975-5497.
3. No. of papers published as chapters in books - 2 nos.
  - “Nature and Dynamics of Religion Oriented Politics in Kerala”, in Narender Kumar(etd.), Politics and Religion in India, Routledge, New York, pp-124-38.
  - “The Maritime Transformation of Asia-Pacific: Interdependence and Security: Indian and Japanese Visions” in India and Japan ; Growing Partnership and Opportunities for Cooperation, CPPR -Centre for Strategic Studies, Kochi, pp- 27-37, 2018, ISBN (E-book edition):978-81-930004-6-5.
4. No. of presentations in conferences/ seminars (indicate oral/ poster) 7 ( Oral)
  - **India’s US Policy: From No Stratey to Unceratain Strategy** at the Three Day National Conference on India’s Strategic Culture and Policy Options February 25-27, 2019 organized by the Department of Political Science and Intenational Studies at Pndicherry.
  - Paper on *Rights of Indian Women: A Critical Review* at the international seminar on Human Rights Protection : Role of State, Media and Literature at the Department of Political Science Government College Kottayam on January 17, 2019.
  - Presented paper on India and US Strategic Partnership in the Indo-pacific : A Maritime Security Perspective at the three National Seminar on Maritime Security of India : Challenges and Policy Options orgained by the V.K.Krishana Menon Study Centre for International Relations Department of Politcal Science, University of Kerala 29, 30 &31, January st 2019
  - Paper on Growing Chinese Influence in Sri Lanka: What is at Stake for India at the three day international seminar on **Political Dynamics of Sri Lanka : Implications for India and the Indian Ocean Region** at the Department of Political Science University of Calicut during January 17-19, 2019.
  - **Paper on The Maritime Transformation of Asia-Pacific: Interdependence and Security: Comparing Indian and Japanese visions** at

- the **International Conference** on India- Japan relations organised by Centre for Strategic Studies of Centre for Public Policy Research, Consulate-General in Japan for Chennai, 26-27th of February 2019, Kochi, India
- Paper on **How Non-Nehruvian is Modi's Foreign Policy** at the three day **International Conference** on Secularism, Democracy and nation Building: Nehru's Vision and Philosophy, organised by the UGC Nehru Studies Centre, Department of Politics University of Kerala. 19 to 21 st March 2019, Trivandrum India
  - Paper on Indo-US Strategic Alliance in the Indo-Pacific at the international **Conference Geopolitics of Indo-Pacific: Perceptions, Opportunities and Challenges** Organised by the Department of Political Science, University of Kerala during December 11-13, 2019 at Hotel SP Grand Days, Trivandrum, Kerala.
- No. of PhD thesis submitted - 1
  - No. of MPhil dissertations awarded - 1
  - No. of MPhil dissertations submitted - 2
  - No. of patents granted
  - No. of patents requests filed
  - No. of technology transfers
  - No. of MOOC/Online courses completed
  - No. of workshops/FDPs/short term courses/conferences attended
  - No. of foreign visits for academic purposes
  - Involvement in academic bodies as dean, academic council/ board of studies member etc.
    - Member, Board of Studies, Political Science, Mar Ivanios College, (Autonomous)
  - Served as Chair/ member of committees/ boards/ councils/ commissions etc.
    - Associate Editor, Journal of Polity and Society, Published by the Department of Political Science, University of Kerala.
    - Reviewer Journal named "TKM Arts college International Journal for Multidisciplinary Research (TIJMR).
  - Activities in clubs, associations, NSS etc
    - General secretary, Association of Political Scientists Kerala
    - Life Member, Kerala International Centre. Thiruvananthapuram, Kerala since 2011
    - Life Member, Indian Political Science Association since 2008
    - Life Member, Institute for the Study of Developing Areas. Thiruvananthapuram, since 2007
    - Member of Executive Committee, SIASN (South India American Studies Network), Kerala Chapter since 2011
    - Coordinator of the Village Adoption – Amabalathinkara Settlement Colony- of the Department of Political Science University of Kerala.
  - Public talks/ discussions over AIR/ television channels
    - Participated in over 30 Television Discussions in Door Darshan, Asianet News, Manorama News, Mathrubhumi News, NDTV, Jai Hind, News 18, and Janam and ACV.
    - Two discussions in All India Radio National Politics
    - Delivered Eight Lectures in UGC Human Resources Development Centre at Kannur and Kerala Universities.
    - Delivered three lectures at the Higher Secondary School Teachers Transformation Programme under the SCERT at St. John's College Anchal and Govt. College Chalakudy.
    - One Special lecture on Introduction to Human Rights at the Induction Training Programme for college and university Teachers organised by the School of Education, Central University of Kerala, Kasargodu
  - Any other activities.
    - Have Initiated two MoUs with the University of Warsaw, Poland and Shandong University, China
    - Have Initiated a Joint Project under Erasmus+ Programme Capacity Building in the Field of Higher Education ( funded by European Union ) with Warsaw University for 2020.

## CENTRE FOR VEDANTA STUDIES

**Year of establishment: 1984**

### Faculty of Sanskrit

#### 1. Teaching Staff

Sl. No	Name(in the order of seniority)	Gender(M/F/TG)	Qualifications (Highest two)	Designation
1	Dr.C.N.Vijayakumari	F	Mphil in Education and Sanskrit, PhD in Sanskrit	Assistant Professor

#### 2. Programmes offered

Name of programme	Strength		Female	Transgender	SC	ST	Other reserved categories	Outside state	Foreign	Pass %
	Sanc-tioned(In-cluding marginal increase)	Actual								
Masters (.....)	NIL									
M.Phil (.....)	NIL									
PhD	NIL									
Post Doc	NIL									
Certificate course in yoga	30									

#### B. COMMON ACTIVITIES

1. Details of papers/ abstracts published by the faculty members of the department in conference proceedings with ISBN, month/ year, indexing details if any etc.:

Jalasya pradhanyam thadha jalanirvahanatantrani ca, ISBN-9878-93-85710-59-9

2. No. of M. Phil dissertations awarded: 1
3. No. of M. Phil dissertations submitted:1

Sl No	Name of student	Name of course	Designation	Name of the company	Annual Pay
	NIL				

#### 19. Details of Library books/ journals

Sl. No	Details	
1.	Whether the library is automated	
2.	No. of books in stock as on Jan 1,2019	2010
3.	No. of books added this year	50
4.	No. of offline journal subscribed	NIL
5.	No. of online journals subscribed	NIL
6.	No. of online books available	NIL
7.	Amount spend for purchase of books	50000

#### 4. Details of international/ national conferences/ seminars/workshops organized by the department.

Sl. No	Name of the conferences/ seminars/workshops	International/ national	Sponsoring agency	Date of the conference/seminar/workshop	No. of participants (Show foreign and outside state participants separately)
1.	Yoga workshop on yoga for complete health, govt. sanskrit college,tvm.	National		25-27 jan 2019	
2.	Yoga seminar, govt.sanskrit college, tvn.	National		16,17 feb 2019	
3.	Yoga seminar dept. of bioinformatics,university of kerala, kariavattom.	National		25,26,27 feb 2019	

4.	yoga seminar,govt.sanskrit college	National		9,10 march.	
5.	International Conference On Bhasasamaroh, University Senate Chamber,Pa-layam	International		11-13 March 2019	
6.	National seminar on yogas- astra in the modern era	National		23-25 October 2019	

5. Details of community outreach programmes (Please give a brief description) :

- Conducted ten day communicative sanskrit class at govt.sanskrit college,tvm. Conducted lecture series on ***Bharathahinte sastra vaibhavam***, govt sanskrit college,tvm 28 feb 2019 and lecture series on manishapancakam,govt.sanskrit college,tvm. 16 march 2019 & lecture series on ***matrupancaka*** govt.sanskrit college,tvm 17 march 2019.
- 6. Other major achievements and activities, including invited lectures, interactions, get together etc.
  - Chaired session,Krishnanarayana Vedanta chair, Madras sanskrit college, chennai
  - Chaired The Session Contemporary Thoughts On The Philosophical Relevance Of Purvamimamsa

And Uttara Mimamsa at dept. of sanskrit. university of kerala On 20-22 March 2019

C. CONTRIBUTION AT INDIVIDUAL LEVEL

1. Name of faculty: Dr.C.N.Vijayakumari
2. No. of papers/ abstracts published in conference proceedings with ISBN:1 at AIOC,(ISBN 978-93-85710-59-9)
3. No. of presentations in conferences/ seminars (indicate oral/ poster):
  - Presented paper on Manamulya Pravakta Kalidasah on Two Day National Sanskrit Seminar On Raghuvamsha Mahakavyam On 16,17 Feb 2019
  - Jalavijnanam vedeshu tasya kalikaprasaktih ca on two day national seminar on 19,20 july 2019.

*Section 4*  
*Affiliated Colleges*





# GOVERNMENT COLLEGE FOR WOMEN, THIRUVANANTHAPURAM

(Year of Est: 1864)

Category : Arts & Science College

Type of Management : Government

Postal address with Pin code and Email : Government College for Women, Vazhuthacaud, Thycaud.P.O. Pin code – 695034, E mail – gcwvtpm@gmail.com

Name of Principal (with qualifications): Dr.G. Vijayalekshmi, M Phil, Phd

Teaching staff Permanent /Contract : Total: 167 Asst Prof : M :52 F : 99  
Assoc. Prof : M : 4 F : 4 Guest Lecturer : M : 1 F :18

Non- Teaching staff Permanent /Contract : Total: 66 M : 37 F : 29

NAAC Accreditation : (a) Year accredited : 2015 (b) Grade : A (c) Points : 3.26

## STUDENT PROFILE

	B.A	B.Sc	B.Com	M.A	M.Sc	M.Com	PhD
No. of Students	1075	946	141	327	222	39	
Male							4
Female	1075	946	141	327	222	39	118
Transgender							
Outside State	3	2					
Foreign	1	1					
Pass %	76	86	95	87.5	77	100	

No. of Research papers published in WoS, Scopus and CARE of UGC etc, during 2019 with 'University of Kerala' mentioned in the paper: 4

No. of Research papers published in WoS, Scopus and CARE of UGC etc, during 2019 without 'University of Kerala' mentioned in the paper: 4

No. of Research papers published in other peer reviewed journals with ISSN during 2019 with 'University of Kerala' mentioned in the paper: 5

No. of Research papers published in other peer reviewed journals with ISSN during 2019 without 'University of Kerala' mentioned in the paper: 10

No. of books published with ISBN: 4

No. of papers presented in conferences/ seminars in 2019: 90

No. of PhDs awarded from the research centres of the college during 2019: 5

No. of students who cleared NET/SET/UGC- CSIR during 2019: 25

No. of social activities/outreach programmes: 18

### Details of Research guides working with the centre

Sl. No	Department and Guide's name	Designation	Ph No:	Email	No. of students currently working with
1	Botany				7
a	Dr. Sunil Kesava-deth.G.	Assistant Professor , Government College for Women, Tvm	9447283772	sunildeth@gmail.com	
b	Dr.K.G. Ajith Kumar	Associate Professor and Head, Government College for Women, Tvm	0471-2373071	gopalannairajithkumar@yahoo.com	
2	Chemistry				5
a	Dr. Dinesh Babu.K.V.	Assistant Professor , Government College for Women, Tvm	9446968263	dineshbabukv@hotmail.com	
b	Dr. Ratheesh.K.	Assistant Professor			
c	Dr. Saji Alex	Assistant Professor, Government College for Women, Tvm	9447429458	sajialex1@gmail.com	
d	Dr. Ajayakumar.G.	Assistant Professor , Government College for Women, Tvm	9447398994	<a href="mailto:ajayakumar@gcwtvm.ac.in">ajayakumar@gcwtvm.ac.in</a>	
3	Commerce				15
a	Dr. K. Anil Kumar	Associate Professor and Head , Government College for Women, Tvm	9447052643	anilrajagraha@gmail.com	
b	Dr.P.S. Deva Kumar	Associate Professor , Government College for Women, Tvm	9495627713	kumardevaps@yahoo.com	
c	Dr. Nimi Dev.R.	Assistant Professor , Government College for Women, Tvm	9495165620	<a href="mailto:niminanma@gmail.com">niminanma@gmail.com</a>	
d	Dr. Biju.A.V.	Assistant Professor			
4	Economics				15
a	Dr. Umajyothi.V.	Associate Professor and head, Government College for Women, Tvm	9446044848	<a href="mailto:umajyothiv@gmail.com">umajyothiv@gmail.com</a>	
b	Dr. Sunija Beegum.N.	Assistant Professor , Government College for Women, Tvm	9895992802	sunijabeegum@gmail.com	
c	Dr. Arunjilal	Assistant Professor , M.G. College	9747097793		



d	Dr. Pradeep Kumar	Assistant Professor	9496155644	pradeepgck@gmail.com	
5	Hindi				17
a	Dr. Suma.S.	Assistant Professor , Government College for Women, Tvm	9847242345	<a href="mailto:sumajithkumar@gmail.com">sumajithkumar@gmail.com</a>	
b	Dr. Asha.G.	Assistant Professor , Government College for Women, Tvm	9895677860	hindiasha@gmail.com	
c	Dr. Latha.D.	Assistant Professor , Government College for Women, Tvm	9497428960	lathadhindi@gmail.com	
d	Dr. Preetha Remani.T.E.	Assistant Professor , Government College for Women, Tvm	9496244022	preetharemani@gmail.com	
e	Dr. Shabana Habeeb	Assistant Professor , Government College for Women, Tvm	9387743403, 9446458505	<a href="mailto:shabanahabeeb1983@gmail.com">shabanahabeeb1983@gmail.com</a>	
f	Dr. Nimmy.A.A.	Assistant Professor , Government College for Women, Tvm	9847864786, 9747864786		
g	Dr. Jyothin.N.	Assistant Professor , Government College for Women, Tvm	9605153876	jyothisuchith@gmail.com	
h	Dr. Pradeepa Kumari				
i	Dr. Johna Panicker				
j	Dr. Reshmi Krishnan	Assistant Professor , Government College Ambalapuzha			
k	Dr. Poornima.R.	Assistant Professor , S.D. College Alappuzha			
l	Dr. Veena.J.	Assistant Professor , S.D. College Alappuzha			
6	Music				6
a	Dr. Sobha.B.Nair	Associate Professor and Head , Government College for Women, Tvm	8157098086	<a href="mailto:sobha.gks@gmail.com">sobha.gks@gmail.com</a>	
b	Dr. Bindu.K.	Assistant Professor , University of Kerala			
c	Dr. Saji.S.				
7	Philosophy				9

a	Dr. R.Lekshmi	Assistant Professor and Head , Government College for Women, Tvm	9495473899	lekshmi51@yahoo.co.in.	
b	Dr.L.Vijai	Assistant Professor , Government College for Women, Tvm	6238623479, 9447762235	<a href="mailto:lvijai@gmail.com">lvijai@gmail.com</a>	
c	Dr. Leena.K.R.	Assistant Professor, NSS College for Women, Neeramankara			
8	Physics				16
a	Dr.Sagar.S.	Assistant Professor and head , Government College for Women, Tvm	9846676513	<a href="mailto:srisagarsankar@yahoo.com">srisagarsankar@yahoo.com</a> , <a href="mailto:sagarcw@gmail.com">sagarcw@gmail.com</a>	
b	Dr. Deepthi.N. Rajendran	Assistant Professor , Government College for Women, Tvm	9446556736	deepthinrphysics@gmail.com	
c	Dr.J.Binoy	Assistant Professor , Government College for Women, Tvm	9495413922		
d	Dr. Xavier.T.S.	Assistant Professor , Government College for Women, Tvm	9446553329	xavierkattukulam@gmail.com	
e	Dr. Jollybose	Assistant Professor, Govt. College Kariavattom	7907451967	jollyboser@gmail.com	
9	Psychology				8
a	Dr. Sonia George	Assistant Professor , Government College for Women, Tvm	9349863115	<a href="mailto:sonia@mindcarter.com">sonia@mindcarter.com</a>	
b	Dr. Swapna Ramachandran	Assistant Professor, University College	9847908929	swaram31@gmail.com	
c	Dr. Ajilal.P.	Assistant Professor, S N College, Chempazhanthy	9605169518	ajisn2014@gmail.com	
d	Dr. Anjana.R.	Assistant Professor, S N College, Chempazhanthy	9495901721	anjanaradhakrishnan@yahoo.com	
e	Dr. Sajimon.P.P.	Assistant Professor, Fathima Mata National College, Kollam	9895028298		
10	Zoology				4
a	Dr. Anisha.G.S.	Assistant Professor and Head, Government College for Women, Thiruvananthapuram	9496303190	anisgrace@yahoo.co.in	
11	Malayalam				14

a	Dr. Gangadevi.M.	Assistant Professor , Government College for Women, Thiruvananthapuram	9847118529, 9496529611	ganga40vishnu@gmail.com	
b	Dr.R.B. Sreekala				
c	Dr. D.V. Anil Kumar	Assistant Professor, Government College, Attingal			
d	Dr. Udayakala				
12	Homescience				6
a	Dr. Mini Joseph	Assistant Professor and Head, Government College for Women, Thiruvananthapuram	9446353173	<a href="mailto:srinidhisreemayi@gmail.com">srinidhisreemayi@gmail.com</a>	
b	Dr. Sithara Balan.V.	Assistant Professor, Government College for Women, Thiruvananthapuram	9895577304	dr.sitharasushen@gmail.com	

## LOYOLA COLLEGE OF SOCIAL SCIENCES

**Year of Establishment: 1963**

**Category : Arts & Science**

**Type of Management : Aided**

Postal address with Pin code and Email : **Loyola College of Social Sciences, Sreekariyam, Thiruvananthapuram - 695 017**  
**Email: [loyolacollegevm@gmail.com](mailto:loyolacollegevm@gmail.com)**

Name of Principal (*with qualifications*): **Dr. Saji P Jacob, MA, MPhil & PhD**

**Teaching staff Permanent/Contract : Total : 19 Asst Prof : M 8 F 9 Assoc. Prof : M 2 F 0**

**Non- Teaching staff Permanent/Contract : Total : 9 M 5 F 4**

**NAAC Accreditation: (a) Year accredited 2014(third cycle) (b) Grade A (c) Points 372**

### STUDENT PROFILE

	M.A	M.Sc	MSW	Ph.D	Total
No. of Students	83	34	50	36	<b>203</b>
Male	28	4	10	10	<b>52</b>
Female	55	30	40	26	<b>151</b>
Foreign	-	-	-	1	
Pass %	79.49	80	95.45	-	-

No. of Research papers published in WoS, Scopus, Care of UGC etc. during 2019 without 'University of Kerala' mentioned in the paper: **12**

No. of Research papers published in other peer reviewed journals with ISSN during 2019 without 'University of Kerala' mentioned in the paper: **8**

No. of Books published with ISBN: **8**

No. of Papers presented in Conference/Seminars in 2019: **19**

No. of Ph.Ds awarded from the Research Centres of the College during 2019 : **3**

No. of students who cleared NET/SET/UGC-CSIR during 2019 : **24**

No. social activities/outreach programmes: **13**

#### Details of research guides working with the centre

Sl. No.	Name	Designation	Ph.No:	Email	No. of Students working with
	Dr. Anitha S.	Asst. Professor	9656149272	anithasnair@gmail.com	Four
	Dr.Prakash Pillai R.	Asst. Professor	9447865148	prakashpillair@gmail.com	Three
	Dr. Raju G	Associate Professor (CET School of Management)	9539125991		One
	Dr. S. Jayadev	Asst. Professor (MG College Thiruvananthapuram)	9447007570	dr.jayadevs@yahoo.com	-
	Dr. Saji P Jacob	Principal	9747198138	sajijacob@yahoo.com	Six
	Dr. Nisha Jolly Nelson	Asst. Professor	9868154406	nishanelson@gmail.com	Four
	Dr. Sonny Jose	Associate Professor	9895364053	consultsonny@yahoo.com	Four
	Dr. Sunil John J	Principal (GOVT. COLLEGE MANJESHWAR)	9447392221	johsunil@gmail.com	Four
	Dr. Lekshmi V. Nair	Associate Professor (IIST, Thiruvananthapuram )	9995779306	lvnair@gmail.com	One

## MMS GOVT.ARTS & SCIENCE COLLEGE, MALAYINKEEZHU

**Year of Establishment: 2014**

**Category : ARTS & SCIENCE**

**Type of Management : Govt.**

**Postal address with Pin code and Email : MMS GOVT.ARTS & SCIENCE COLLEGE, MALAYINKEEZHU**

**THIRUVANANTHAPURAM- 695571**

**Ph: 0471-2282020**

**Email : gcktda@gmail.com**

**Name of Principal (with qualifications): Dr. CHANDINI SAM S P(Ph.D)**

**Teaching staff Permanent /Contract : Total: 16 Asst Prof : M: 7 F: 9**

**Assoc. Prof : M: 0 F: 0 Permanent : 9 M : 4 F: 5 Contract : 7 M : 3 F: 4**

**Non- Teaching staff Permanent /Contract : Total: 16 M : 6 F: 7**

**Permanent : 14 M : 5 F: 6 Vacant : 3 Contract : 2 M : 1 F: 1**

#### STUDENT PROFILE

	B.A	B.Sc	B.Com	Total
No. of Students	<b>147</b>	<b>111</b>	<b>153</b>	<b>411</b>
Male	<b>64</b>	<b>53</b>	<b>48</b>	<b>165</b>

Female	83	58	105	246
Pass %	66.6	50	76	

No. of social activities/outreach programmes: NSS,NATURE CLUB,WOMEN EMPOWERMENT CELL & ALL OTHER MANDATORY CLUBS

## ST.XAVIER'S COLLEGE, THUMBA

**Year of Establishment: 1964**

**Category : Arts & Science**

**Type of management : Aided**

Postal address with Pin code and Email : St.Xavier's College, Thumba, Thiruvananthapuram - 695 586

Name of Principal (with qualifications): Dr (Fr) VY Dasappan S J (M.A., M.Phil., Ph.D)

Teaching staff Permanent/Contract : Total: 52 Asst Prof : M 12 F 09

Assoc.Prof: M 2 F 01 Lecturer (Guest): M 09 F 19

Non - Teaching staff Permanent/Contract : Total: 18 M 11 F 7

NAAC Accreditation : (a) Year accredited 2019 (b) Grade A (c) Points 3.22

### STUDENT PROFILE

	B.A	B.Sc	B.Com	M.Sc	M.Com	Total
No. of Students	394	411	198	26	37	1066
Male	133	147	89	05	08	382
Female	261	264	109	21	29	684
Outside State		1				
Pass %	44.09%	55.67%	76.19%	66.66%	100%	

No. of Research papers published in WoS, Scopus and CARE of UGC etc, during 2019 with 'University of Kerala' mentioned in the paper: 1

No. of Research papers published in WoS, Scopus and CARE of UGC etc, during 2019 without 'University of Kerala' mentioned in the paper: 5

No. of Research papers published in other peer reviewed journals with ISSN during 2019 without 'University of Kerala' mentioned in the paper: 7

No. of books published with ISBN: 1

No. of papers presented in conferences/seminars in 2019: 14

### Details of Research guides working with the centre

Sl. No	Name	Designation	Ph No:	Email	No. of students currently working with
1	Dr (Fr) VY Dasappan S J	Principal	9447870574	principalthumba@yahoo.com	1
2	Dr. T.K. Santhosh Kumar	HOD-Department of Malayalam & Mass Communication	9497447713	santhoshkumartk@gmail.com	5

# SREE NARAYANA COLLEGE FOR WOMEN, KOLLAM

**Year of Establishment: 1951**

**Category : Arts & Science**

**Type of management: Aided, SREE NARAYANA TRUSTS**

Postal address with Pin code and Email :SREE NARAYANA COLLEGE FOR WOMEN, KOLLAM Pin-691001, Email:sncollegeforwomen@gmail.com

Name of Principal (with qualifications): Dr. ANIRUDHAN K., M. Sc, M.Ed., M. Phil, Ph. D

Teaching staff Permanent /Contract- Total: 100 Asst Prof : M 9 F 61

Assoc. Prof : M 1 F 4 Guest Lecturer: M 4 F 21

Non- Teaching staff Permanent /Contract : Total: 25 M 17 F 8

NAAC Accreditation: Second Cycle (a) Year accredited 2016 (b) Grade B (c) Points 2.68

## STUDENT PROFILE (2019)

	B.A	B.Sc	B.Com	BBA	BEd	M.A	M.Sc	M.Com	MBA	MEd	MPhil	PhD	Total
No. of Students	1236	1083	178	0	0	44	76	0	0	0	0	7	2624
Male	0	0	0	0	0	0	0	0	0	0	0	0	0
Female	1236	1083	178	0	0	0	76	0	0	0	0	7	2624
Transgender	0	0	0	0	0	0	0	0	0	0	0	0	0
Outside State	1	0	0	0	0	0	0	0	0	0	0	0	1
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0
Pass %	59.2	69.1	73	0	0	0	0	0	0	0	0	60.30	

No. of Research papers published in WoS, Scopus and CARE of UGC etc, during 2019 with 'University of Kerala' mentioned in the paper:7

No. of Research papers published in WoS, Scopus and CARE of UGC etc, during 2019 without 'University of Kerala' mentioned in the paper:6

No. of Research papers published in other peer reviewed journals with ISSN during 2019 with 'University of Kerala' mentioned in the paper:9

No. of Research papers published in other peer reviewed journals with ISSN during 2019 without 'University of Kerala' mentioned in the paper:10

No. of books published with ISBN: 2

No. of papers presented in conferences/ seminars in 2019: 93

No. of PhDs awarded from the research centres of the college during 2019: 0

No. of students who cleared NET/SET/UGC- CSIR during 2019: 8

No. of patents granted in 2019: 0

No. of patent requests filed but pending at a patent office: 1

No. of social activities/outreach programmes: 8

## Details of Research guides working with the centre:

Sl. No	Name	Designation	Ph No:	Email	No. of students currently working with
1	Dr Chithra P G	Associate Professor	9447027826	chithrasumej@gmail.com	2

2	Dr Suma S	Assistant Professor	9447472093	sumavettukallel@gmail.com	2
3	Dr Nisha J Tharayil	Associate Professor	9447103374	nishajohntharayil@gmail.com	5
4	Dr Deepak Nand	Assistant Professor	9446908450	deepaknand99@gmail.com	3

## ST.JOSEPH'S COLLEGE FOR WOMEN, ALAPPUZHA

**Year of Establishment: 1954**

**Category : ARTS & SCIENCE**

**Type of management : AIDED**

Postal address with Pin code and Email :ST.JOSEPH'S COLLEGE FOR WOMEN,ALAPPUZHA-688001. Email : stjosephcalpy@yahoo.co.in

Name of Principal (with qualifications): DR.SHEENA GEORGE - M.A, M.Ed, Ph.d

Teaching staff Permanent : 35 Contract : 31

Total: ...66... Asst Prof : M..... F...29... Assoc. Prof : M..... F...6... Lecturer/Guest : M..... F...31...

Non- Teaching staff Permanent : 13 Contract : Total: ...13..... M...3... F...10...

NAAC Accreditation: (a) Year accredited .....2018..... (b) Grade...B+...

### STUDENT PROFILE

	B.A	B.Sc	B.Com	M.A	M.Sc	Total
No. of Students	494	509	165	33	55	1256
Female	494	509	165	33	55	1256
Transgender	Nil	Nil	Nil	Nil	Nil	Nil
Outside State	2	2	Nil	Nil	Nil	4
Pass %	50.11	81.99	78.84	94.44	69.23	

No. of Research papers published in WoS, Scopus and CARE of UGC etc, during 2019 without 'University of Kerala' mentioned in the paper: 9

No. of Research papers published in other peer reviewed journals with ISSN during 2019 with 'University of Kerala' mentioned in the paper: 13

No. of books published with ISBN: Book Chapters-3, Book 1, Magazine 1

No. of papers presented in conferences/ seminars in 2019: 29

No. of students who cleared NET/SET/UGC- CSIR during 2019: 4

No. of social activities/outreach programmes: 102

### Details of Research guides working with the centre

Sl. No	Name	Designation	Ph No:	Email	No. of students currently working with
1	Dr.Suleena.V.S	Asso.Prof	9847090974	suleenavs@rediffmail.com	6
2	Dr.Bhagya .D	Asst.Prof	9495626256	bhagyadp81@gmail.com	Not yet Alloted
3	Dr.P.S.Jothilekshmi	Asst.Prof	9446544265	jothilekshrips@gmail.com	6

## ST. MICHAEL'S COLLEGE, CHERTHALA

**Year of Establishment: 1967**

**Category : Arts & Science**

**Type of Management : Aided**

Postal address with PIN code and Email : St.Michaels College , Mayithara P O, Cherthala,Alappuzha-688539  
E -mail : michaelsherthala@gmail.com

Name of Principal : Dr. Mathew V,M.A,M.Sc.,B.Ed,Ph.D, P.G.D.P.C

Teaching Staff Permanent/Contract: Total : 50 Asst Prof : M 13 F 13  
Asso. Prof : M 3 F 2 Contract : M 4 F 15

Non-Teaching staff Permanent/Contract : Total : 17 , M : 12 , F : 5

NAAC Accreditation : Year accredited 2015 b) Grade A Point : 3.02

### STUDENT PROFILE

	B.A	B.Sc	B.Com	B Voc	M.A	M. Sc	M.Com	PhD	Total
No of Students	354	296	137	275	24	27	43		1156
Male	130	108	62	183	1	3	10		497
Female	224	188	75	92	23	24	33		659
OutSideState	1								
Pass %	36.84	50	68.18	65.38	81.81	46.15	80	53.70 %	

No. of Research papers published in other peer reviewed journals with ISSN during 2019 without 'University of Kerala' mentioned in the paper : 1

No.of papers presented in conferences/seminars in 2019 : 3

No of students who cleared NET/SET/UGC-CSIR during 2019 : 3

No of social activities /outreach programmes : 3

## MAR THEOPHILUS TRAINING COLLEGE, NALANCHIRA

**Year of Establishment: 1956**

**Category : Training**

**Type of management : Govt. Aided**

Postal address with Pin code and Email :Mar Theophilus Training College, Mar Ivanios Vidya Nagar, Nalanchira. P O, Pin:695015, mttctvm15@gmail.com

Name of Principal (with qualifications): Dr. K. Y. Benedict, M.Sc, M.Ed, Ph.D

Teaching staff Permanent /Contract : Total: ...10... Asst Prof : M...2 F...6  
Assoc. Prof : M...1 F...1 Lecturer : M...0 F...0

Non- Teaching staff Permanent : Total: ...6... M...4 F...2

NAAC Accreditation : (a) Year accredited ...2014-15..... (b) Grade...A... (c) Points...3.25...

### STUDENT PROFILE

	B.Ed	M.Ed	PhD
No. of Students	2019-21:100 students 2018-20: 49 students	2019-21:6 students 2018-20: 14 students	26



Male	2019-21: 5 students 2018-20: 7 students	2019-21: 0 students 2018-20: 1 students	4
Female	2019-21: 95 students 2018-20: 42students	2019-21: 6 students 2018-20: 13 students	22
Pass %	100%	100%	

No. of Research papers published in WoS, Scopus and CARE of UGC etc, during 2019 with 'University of Kerala' mentioned in the paper: **02**

No. of Research papers published in WoS, Scopus and CARE of UGC etc, during 2019 without 'University of Kerala' mentioned in the paper: **02**

No. of Research papers published in other peer reviewed journals with ISSN during 2019 with 'University of Kerala' mentioned in the paper: **03**

No. of Research papers published in other peer reviewed journals with ISSN during 2019 without 'University of Kerala' mentioned in the paper: **03**

No. of books published with ISBN: **01**

No. of papers presented in conferences/ seminars in 2019: **15**

No. of PhDs awarded from the research centers of the college during 2019: **02**

No. of students who cleared NET/SET/UGC- CSIR during 2019: **10**

No. of social activities/outreach programmes: **04**

#### Details of Research guides working with the center

Sl. No	Name	Designation	Ph No:	Email	No. of students currently working with
1	Dr. K.Y. Benedict	Principal Mar Theophilus Training College, Nalanchira	9387829922	benedict67@gmail.com	6
2	Dr. Giby Geevarughese	Associate Professor Mar Theophilus Training College, Nalanchira	9495827905	giby96@gmail.com	3
3	Dr. Joju John	Assistant Professor Mar Theophilus Training College, Nalanchira	7907103185	jojujohn74@gmail.com	3
4	Dr. Bindu .B	Assistant Professor Mar Theophilus Training College, Nalanchira	9446395593	bindumttc@gmail.com	3
5	Dr. Maya .S	Assistant Professor Mar Theophilus Training College, Nalanchira	9645329523	mayasaraswathy69@gmail.com	1
6	Dr. Laji Varghese	Assistant Professor Mar Theophilus Training College, Nalanchira	9846377011	technolaji@gmail.com	2
7	Dr. Ancy. A. S	Assistant Professor Mar Theophilus Training College, Nalanchira	9447427507	ancyjayarajtm@yahoo.com	1
8	Dr. Reetha Ravi. H	Assistant Professor S.N.College, Nedumkanda, Varkkala	9447450398	reetharavi1975@yahoo.com	4

9	Dr. Smitha. S	Assistant Professor S.N.College, Nedum- kanda, Varkkala	9995283505	smithakailas@gmai. com	4
10	Dr. Sheeba. P	Assistant Professor S.N.College, Nedum- kanda, Varkkala	9497808386	drsheebap@gmai.com	4
11	Dr. Rosamma Philip	Associate Professor Mount Tabor Training College, Pathanapuram	9846012569	ros_philip123@hot- mail.com	5
12	Dr. Velayudhan Nair. T	Assistant Professor PMTc, Mavelikkara	9895686172	velunair@gmail.com	0
13	Dr. Sony Mary Varghese	Assistant Professor PMTc, Mavelikkara	9447941606	akshayasony@gmail. com	0

## MOUNT TABOR TRAINING COLLEGE PATHANAPURAM

**Year of Establishment:1960**

**Category : TrainingCollege**

**Type of management : Govt.aided**

Postal address with Pin code and Email :Mount Tabor Training College Pathanapuram Kollam 689695 princi-  
paltabor@gmail.com 04752352323 . 9495922323

Name of Principal (with qualifications):Dr. Rosamma Philip M.Sc(Physics)M.Sc (Psychology)M.Ed, M.Phil.  
Ph.D

Teaching staff Permanent /Contract : Total: Permanent 13 Contract -1  
Asst Prof : M-3 F -8 Assoc. Prof : F-2 Lecturer (Contract): F-1

Non- Teaching staff Permanent : Total: 10 M-6 F-4

NAAC Accreditation : (a) Year accredited-2016 (b) Grade A (c) Points 3.16

### STUDENT PROFILE

	BEd	Total
No. of Students	190	190
Male	10	10
Female	180	180
Pass %	100	100

No. of Research papers published in other peer reviewed journals with ISSN during 2019 with 'University of Kerala' mentioned in the paper: 2

No. of Research papers published in other peer reviewed journals with ISSN during 2019 without 'University of Kerala' mentioned in the paper:10

No. of papers presented in conferences/ seminars in 2019: 20

No. of PhDs awarded from the research centres of the college during 2019:

No. of students who cleared NET/SET/UGC- CSIR during 2019: 25

No. of social activities/outreach programmes: 15

## PEET MEMORIAL TRAINING COLLEGE, MAVELIKARA

**Year of Establishment: 1960**

**Category : Training**

**Type of management : Aided**

Postal address with Pin code and Email : Peet Memorial Training College, Mavelikara, PB No. 10 Pin 690101  
email - peetmemorialcollege@gmail.com

Name of Principal (with qualifications): Dr. Jibby George, M.Sc., M.Ed., Ph.D.

Teaching staff Permanent : Total: 11 Asst Prof : M: 1 F: 5 Assoc. Prof : M: 4 F: 1

Non- Teaching staff Permanent : Total: 11 M : 6 F : 5

NAAC Accreditation : (a) Year accredited 2016 (b) Grade A (c) Points : 3.14

### STUDENT PROFILE

	BEd	MEd
No. of Students	89	9
Male	4	-
Female	85	9
Pass %	98.9	100

No. of Research papers published in other peer reviewed journals with ISSN during 2019 without 'University of Kerala' mentioned in the paper: 3

No. of books published with ISBN: 1

No. of papers presented in conferences/ seminars in 2019: 12

No. of PhDs awarded from the research centres of the college during 2019: Nil

No. of students who cleared NET/SET/UGC- CSIR during 2019: NET – 3, SET – 19, K- TET – 19 C- TET – 8

No. of social activities/outreach programmes: 4

## CHMM COLLEGE FOR ADVANCED STUDIES

**Year of Establishment: 1995**

**Category : Arts and Science College including MBA and MCA**

**Name & Type of management : Muslim Education Trust for Coastal Area (Self Financing)**

Postal address with Pin code and Email : Metca Land, Chavarcode, Palayamkundu P O, Varkala

Name of Principal (with qualifications): Prof. Dr. B Janardanan Pillai, M.A, M.Phil, Ph.D

Teaching staff Permanent /Contract : Total: 55 Asst Prof : M - 6 F -41 Assoc. Prof : M - 4 F - 4

Non- Teaching staff Permanent /Contract : Total: 14 M- 3 F- 11

### STUDENT PROFILE

	B.A	B.Sc CS	B.Sc Ele	BCA	BBA	B.Com	B.Com TTM	B.Com Tax	M.Com	MCA	MBA	Total
No. of Students	115	73	46	93	121	247	143	137	22	104	39	1140
Male	25	45	25	49	63	138	101	59	5	31	18	559
Female	90	28	21	44	58	109	42	78	17	73	21	581
Pass %	57.1	48.3	25	32	62.5	39.1	11.9	43.9	100	90%	Not publ	

# CHRIST COLLEGE, VIZHINJAM

**Year of Establishment: 2014**

**Category : Arts & Science**

**Type of Management : Self-Financing College**

Postal address with Pin code and Email : St.Peter's Carmel Campus ,Kalluvettankuzhi, Vizhinjam-695521, christcollegevzm@hotmail.com, christcollegevizhinjam@gmail.com

Name of Principal : Dr. Meenakshy Ramachandran MA ,Med ,PhD ,NET ,JRF

Teaching staff Permanent /Contract : Total: 21 Asst Prof : M : 7 F :14

Non- Teaching staff Permanent /Contract : Total: 15 M : 8 F: 7

## STUDENT PROFILE

	B.A	B.Com	BBA	M.A	Total
No. of Students	97	243	52	21	413
Male	43	142	39	4	228
Female	54	101	13	17	185
Pass %	61%	55.14%			56.75%

No. of papers presented in conferences/ seminars in 2019: 7

No. of social activities/outreach programmes: 9

# CHRIST NAGAR COLLEGE

**Year of Establishment: 2012**

**Category : Arts & Science**

**Type of management : Self-Financing College**

Postal address with Pin code and Email : Christ Nagar College Maranalloor, Koovalaserry PO, Thiruvananthapuram, Kerala 695512, christnagarcollege@gmail.com

Name of Principal (with qualifications): Dr. Jolly Jacob

Teaching staff Permanent /Contract : Total: 53 Asst Prof : M -14 F- 39

Non- Teaching staff Permanent /Contract : Total: 25 M - 15 F - 10

## STUDENT PROFILE

	B.A	B.Sc	B.Com	BBA	M.Com
No. of Students	59	32	120	65	15
Male	39	9	68	35	2
Female	20	23	52	30	13
Pass %	87	78	95	91	85

# COLLEGE OF APPLIED SCIENCE

**Year of Establishment: 2008**

**Category : Arts & Science**

**Type of management : Self-Financing College**

Postal address with Pin code and Email : College of Applied Science  
Dhanuvachapuram (P O), Thiruvananthapuram (Dist), PIN-695503 casdvpm@gmail.com

Name of Principal (*with qualifications*): Dr. Manas Nirmal Kumar G Principal

Teaching staff Permanent /Contract : Total: 22 Asst Prof : M: 4 F: 18

Non- Teaching staff Permanent /Contract : Total: 13 M: 3 F: 10

## STUDENT PROFILE

	B.Sc	B.Com	M.Sc	Total
No. of Students	215	158	54	427
Male	144	88	14	246
Female	71	70	40	181
Pass %	65	71	76	

# DR. PALPU COLLEGE OF ARTS AND SCIENCE

**Year of Establishment: 2014**

**Category : Arts and Science**

**Type of management : Self-Financing College**

Postal address with Pin code and Email : Dr.Palpu College of Arts and Science, Pangode Puthussery, Mathira P O, Kadakkal(via), 691536.

Name of Principal (*with qualifications*): Dr. Girijakumari Amma K R , MA , M. Phil, Ph. D

Teaching staff Permanent /Contract : Total : 45 Asst Prof : M : 5 F : 10

Asso Prof : M : 6 F : 5 Lecturer : M : 5 F : 14

Non- Teaching staff Permanent /Contract : Total : 22 M : 10 F : 12

## STUDENT PROFILE

	B.A	B.Sc	B.Com	M.A	M.Sc	M.Com	Total
No. of Students	201	100	246	24	42	11	624
Male	71	35	115	2	11	3	237
Female	130	65	131	22	31	8	387
Pass %	English-78%	Physics-25%	59%	100%	40%	100%	
	MCJ- 54%	Geology-43%					

No. of students who cleared NET/SET/UGC- CSIR during 2019: One

- Number of papers published - 2
- Number of papers presented in conferences / seminars - 1

## KNM COLLEGE OF ARTS AND SCIENCE, MAVILA, KANJIRAMKULAM

**Year of Establishment: 2014**

**Category : Arts & Science**

**Type of management : Self-Financing College**

Postal address with Pin code and Email : KNM College of Arts and Science, Mavila, Kanjiramkulam P.O. Pin 695524 and knmcollege.kanj@gmail.com

Name of Principal (with qualifications): Dr.K.Lekshmanan Nadar M.A., M.Phil., Ph.D

Teaching staff Permanent : Total: 26 Asst Prof : M: 6 F: 20

Non- Teaching staff Permanent : Total: 12 M: 4 F: 8

### STUDENT PROFILE

	B.A	B.Sc	B.Com	BBA
No. of Students	244	65	114	53
Male	151	31	66	35
Female	93	34	48	18
Pass %	77	60	75	80

## NATIONAL COLLEGE, AMBALATHARA

**Year of Establishment: 1995**

**Category : Arts & Science College**

**Type of Management : Private Self Financing College**

Postal Address with PIN Code and Email      National College, Ambalathara, Manacaud P O  
Thiruvananthapuram – 695009  
Email – nc@mhtrust.com

Name of Principal (with qualification)      Dr. M Abdul Rahim,  
B Sc. Zoology, MA (Islamic History), M A (Arabic), M.Phil,  
Ph.D

Teaching Staff Permanent / Contract      Total : 68 (Permanent – 56, Contract – 12)  
Asst Professor : M - 15 F - 53

Non-Teaching Staff Permanent / Contract      Total : 22 M - 14...F - 8

### STUDENT PROFILE

	B.A	B.Sc	B.Com	B B A	BCA	BSW	M.A	M.Sc	M.Com	M Phil	Total
No. of Students	123	399	303	118	103	112	28	46	20	NIL	1252
Male	47	184	174	69	59	58	0	2	2	NIL	595
Female	76	215	129	49	44	54	28	44	18	NIL	657
Foreign	--	--	1	--	--	1	--	--	--	--	--
Pass %	21%	44.05%	43.4%	51.4%	27%	81.7%	90%	81%	80%	--	64.94%

# SREE NARAYANA GURU COLLEGE OF ADVANCED STUDIES, CHEMPAZHANTHY

**Year of Establishment: 2013**

**Category : Arts & Science**

**Type of management : Self-Financing College**

Postal address with Pin code and Email : The Principal,SNGCAS,Chempazhantny P O Trivandrum 695587, principalsngcaschempazhantny@gmail.com

Name of Principal (with qualifications): Dr.Mohan Sreekumar C M.Sc,B.Ed,M.Phil,Ph.D

Teaching staff Permanent /Contract : Total: ...41..... Asst Prof : M...7... F...25...  
Assoc. Prof : M...6... F...3...

Non- Teaching staff Permanent /Contract : Total: ...6..... M...2... F...4...

## STUDENT PROFILE

I,II,III	B.A	B.Sc	B.Com	M.A	M.Sc	M.Com	Total
No. of Students	111	273	293	42		28	746
Male	42	128	160	13		9	352
Female	69	145	133	29		19	395
Pass %	70%	70%	65%	100		100	

# VIGYAAN COLLEGE OF APPLIED SCIENCES

**Year of Establishment: 2012**

**Category : Self-Financing College (Arts & Science)**

**Name of management : K. S. Nair Foundation**

Postal address with Pin code and Email : Sasthagiri, Kattakode P.O, Kattakkada, Kerala 695572, principal@vigyaancollege.com

Name of Principal (with qualifications): Prof. B. S. Sunil (M.Com)

Teaching staff Permanent /Contract : Total: 29 Asst Prof : M - 13 F - 16

Non- Teaching staff Permanent /Contract : Total: 20 M - 15 F - 5

## STUDENT PROFILE

	B.A	B.C.A	B.Com Co-op	B.Com CA	B.B.A	M.Com Finance	Total
No. of Students	104	42	116	88	68	10	428
Male	55	27	63	64	36	2	247
Female	49	15	53	24	32	8	181
Pass %	60	25	56	53	72		

No. of PhDs awarded from the research centres of the college during 2019: 1

No. of social activities/outreach programmes: 12

# COLLEGE OF APPLIED SCIENCE, KUNDARA (IHRD)

**Year of Establishment: 2008**

**Category : Arts & Science**

**Type of management : Self-Financing College**

Postal address with Pin code and Email : Thettikunnu, Kundara-691501 Kollam

Name of Principal (*with qualifications*): SINDHU. K, M.Sc Electronics

Teaching staff Permanent /Contract :Total: ...20..... Asst Prof : M...3... F...0... Lecturer : M...3... F...14...

Non- Teaching staff Permanent /Contract :Total: ...10..... M...5... F...5...

## STUDENT PROFILE

	B.Sc	B.Com	M.Sc	Total
No. of Students	163	219	6	388
Male	115	112	-	227
Female	48	107	6	161
Pass %	65	60		

No. of social activities/outreach programmes: 8

# DON BOSCO COLLEGE, KOTTIYAM

**Year of Establishment: 2014**

**Category : Arts & Science**

**Type of management :Self-Financing College**

Postal address with Pin code and Email : DON BOSCO COLLEGE, KOTTIYAM, Umayanalloor P.O, Kollam-691589

Phone : 0474 2530156, 9744201800

dbcokottiyam@gmail.com

Name of Principal (*with qualifications*): Dr. Y. Joy MA English, MSc, B.Ed, Ph.D

Teaching staff Permanent /Contract : Total: 34 Asst Prof : M - 10 F - 24

Non- Teaching staff Permanent /Contract : Total: 7 M - 3 F - 4

## STUDENT PROFILE

	B.A	BCA	B.Com (CA)	BBA	BEEd	M.A	M.Com
No. of Students	33	34	52	34		8	10
Male	6	21	29	20		1	3
Female	27	13	23	14		7	7
Transgender	-	-	-	-		-	-
Outside State	-	-	-	-		-	-
Foreign	-	-	-	-		-	-
Pass %	70%	32%	60%	68%		88%	60%

No. of papers presented in conferences/ seminars in 2019: ONE

No. of social activities/outreach programmes: TWO



## MANNAM N S S COLLEGE, EDAMULACKAL, ANCHAL

**Year of Establishment: 2014**  
**Category : Arts & Science**  
**Type of management : Self-Financing College**

Postal address with Pin code and Email :

MANNAM N S S COLLEGE, EDAMULACKAL, ANCHAL(P.O), KOLLAM Dist,-691306

Name of Principal (with qualifications): Dr.Karmachandran.M.C (MA, M.Phil., Ph.D.)

Teaching staff Permanent /Contract Total: 9 Asst Prof : M-3 F-6 Assoc. Prof : M-1 F-1 Lecturer : M-6 F-6

Non- Teaching staff Permanent /Contract - Total: 4 M-2 F-2

### STUDENT PROFILE

	B.A	B.Sc	B.Com
No. of Students	50		157
Male	32		72
Female	18		85
Pass %			

## SANKAR INSTITUTE OF SCIENCE TECHNOLOGY AND MANAGEMENT, CHATHANNOOR

**Year of Establishment: 2015**  
**Category : Arts & Science College**  
**Name of management : Sree Narayana Educational Society, Kollam**  
**(Co-operative Society)**

Postal address with Pin code and Email : Sankar Institute of Science Technology and Management, Thazham South, Chathannoor PO, Kollam, Pin 691572 mail@sankarinstitute.org

Name of Principal (with qualifications): Dr. Manu Kamaljith, M.Sc, Ph.D

Teaching staff Permanent /Contract : Total: ...23..... Asst Prof : M...4... F...11...  
 Assoc. Prof : M...2... F...3... Lecturer : M...0... F...3...

Non- Teaching staff Permanent /Contract : Total:...15... M...8... F...7...

### STUDENT PROFILE

	B.A	B.Sc	B.Com	BBA	BEd	M.A	M.Sc	M.Com	MBA	MEd	MPhil	PhD	Total
No. of Students	101	134	121										356
Male	42	92	61										195
Female	59	42	60										161
Transgender													
Outside State													
Foreign													
Pass %													

No. of books published with ISBN: One -978-81-941802-2-7

No. of papers presented in conferences/ seminars in 2019: One

# SREE NARAYANA COLLEGE OF TECHNOLOGY

**Year of Establishment: 2003**

Postal address with Pin code and Email : Sree Narayana College of Technology, Vadakkevila.P.O, Kollam, Pin- 691010 & Email : principalsnct@gmail.com

Name of Principal (with qualifications): Dr.Anitha Sankar .CMA,MEd, M.Phil, Ph.D

Teaching staff Permanent : Total : 22 Asst Prof : M: 1 F: 18 Assoc. Prof : M: 2 F: 2

Non- Teaching staff Permanent : Total : 9 M : 3 F: 6

## STUDENT PROFILE

	B.Sc	B.Com	BCA	M.Sc	M.Com
No. of Students	96	139	78	22	26
Male	16	66	49	NIL	6
Female	80	73	29	22	20
Pass %	84.8	91.67	60.00	100%	100%

No. of students who cleared NET/SET/UGC- CSIR during 2019: 4

No. of social activities/outreach programmes: 2

# MICHAEL'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY

**Year of Establishment: 2015**

**Category : Arts & Science**

**Type of management : Self-Financing**

Postal address with Pin code and Email : Michael's Institute of Management and Technology, Mayithara P.O Cherthala PIN:688539, Email: mimatsmc@gmail.com

Name of Principal (with qualifications): Tessy Lalachan, M.A, M.Phil

Teaching staff Permanent /Contract : Total: 12 Asst Prof : M-4 F-8

Non- Teaching staff Permanent /Contract : Total: 4 M-3 F-1

## STUDENT PROFILE

	B.A	B.Sc (BCA)	B.Com	BBA	BEd	M.A	M.Sc	M.Com	MBA	MEd	MPhil	PhD	Total
No. of Students		53	122										
Male		32	63										
Female		21	59										
Transgender		0	0										
Outside State		0	0										
Foreign		0	0										
Pass %		60%	45.16%										

No. of papers presented in conferences/ seminars in 2019:1.

# NAIPUNNYA SCHOOL OF MANAGEMENT

**Year of Establishment: 2005**

**Category : Management**

**Type of management : Self-Financing**

Postal address with Pin code and Email : CMC-II, NAIPUNNYA ROAD, CHERTHALA-688524,naipunnya.cherthala@gmail.com

Name of Principal (with qualifications): FR. BAIJU GEORGE PONTHEMPILLY, MA,MBA

Teaching staff Permanent /Contract : Total: 67 Asst Prof : M: 30 F: 26 Lecturer : M: 02 F: 09

Non- Teaching staff Permanent /Contract : Total: 16 M: 05 F: 11

## STUDENT PROFILE

	B.A	B.Sc	B.Com	BBA	M.A	M.Com	Total
No. of Students	118	310	697	242	27	35	1429
Male	39	257	371	192	3	5	867
Female	79	53	326	50	24	30	562
Outside State							
Pass %	59	54	58	83	71	66	

No. of Research papers published in WoS, Scopus and CARE of UGC etc, during 2019 with 'University of Kerala' mentioned in the paper: 06

No. of books published with ISBN: 01

No. of papers presented in conferences/ seminars in 2019: 10

No. of students who cleared NET/SET/UGC- CSIR during 2019: 02

# SDV COLLEGE OF ARTS AND APPLIED SCIENCE, ALAPPUZHA

**Year of Establishment: 2013**

**Category : Arts and Science**

**Type of management : Self Financing**

Postal address with Pin code and Email : Sanathanapuram P.O, Kalarcode, Alappuzha – 688 003  
Email: sdvuaclg@gmail.com

Name of Principal (with qualifications): Smt. Balambika T.A, M.Com, M.Phil, M.B.A

Teaching staff Permanent /Contract : Total: 29 Asst Prof : M - 3 F- 24 Assoc. Prof : M - 1 F -1

Non- Teaching staff Permanent /Contract : Total: 5 M - 4 F - 1

## STUDENT PROFILE

	B.A	B.Sc	B.Com	Total
No. of Students	205	86	305	596
Male	99	25	202	326
Female	106	61	105	272
Pass %	41%	50%	32%	

# SREE NARAYANA GURU COLLEGE OF ADVANCED STUDIES, CHERTHALA

**Year of Establishment: 2013**

**Category : Arts & Science College**

**Type of management : Self-Financing College**

Postal address with Pin code and Email :S.N.PURAM.P.O,CHERTHALA,ALAPPUZHA(DIST.)

Name of Principal (with qualifications):DR.C.VISWANATHAN, MA, PhD

Teaching staff Permanent /Contract : Total: 38 Asst Prof : M:4 F:25 Assoc. Prof : M:5 F:4

Non- Teaching staff Permanent /Contract : Total: 4 M :2 F:2

## STUDENT PROFILE

	B.A	B.Sc	B.Com	M.A	M.Com	Total
No. of Students	195	142	155	23	11	526
Male	96	64	70	3	0	233
Female	88	78	85	20	11	293
Pass %	17	24	66	100	100	

# SREE NARAYANA GURU MEMORIAL ARTS AND SCIENCE COLLEGE, THURAVOOR

**Year of Establishment: 2006**

**Category : Arts and Science College**

**Type of management : Self-Financing College**

Postal address with Pin code and Email : Sree Narayana Guru Memorial Arts And Science College,Valamangalam South P.O,Thuravoor,Cherthala,Alappuzha  
PIN:688532  
sngmasc@gmail.com

Name of Principal (with qualifications): Prof.A.B John Joseph M.A,M.phil

Teaching staff Permanent /Contract : Total: 48 Asst Prof : M : 8 F : 23  
Assoc. Prof : M : 0 F : 8 Lecturer : M : 2 F : 7

Non- Teaching staff Permanent /Contract : Total: :17 M : 5 F : 12

## STUDENT PROFILE

	B.A English and Communicative English	B.Sc Computer Science	B.Com Tax Procedure and practices	BBA	B.Com Computer Application	B.com Travel and Tourism Management	B.com co-op-eration	B.Sc Bot- any and Bio- technology	BCA	B.M.S Hotel Man- age- ment	Ba En- glish Literature	B.Sc math- emat- ics	Total
No. of Students	14	31	73	99	56	41	77	77	40	55	43	32	638
Male	5	18	41	58	37	38	39	19	25	52	16	8	356
Female	9	13	32	41	19	3	38	58	15	3	27	24	282
Pass %	55.56	60	44.44	67.44	57.14	55.56	-----	63.64	56.25	90.91	-----		50

## COLLEGE OF APPLIED SCIENCE, PERISSERY

**Year of Establishment: 2015**

**Category : Arts & Science**

**Type of management : Government**

Postal address with Pin code and Email :Perissery PO, Chengannur 689126  
[casperissery.ihrd@gmail.com](mailto:casperissery.ihrd@gmail.com)

Name of Principal (*with qualifications*): Laila Jasmin  
 MSc Physics, B.Ed, M.Phil, MCA

Teaching staff (a)Permanent : Total : 2 Asst Prof : M: 1 F: 1  
 (b)Contract : Total : 20 Asst Prof : M: 2 F: 18

Non- Teaching staff (a) Permanent : Total : 1 M: Nil F: 1  
 (b) Contract : Total : 5 M: 2 F: 3

### STUDENT PROFILE

	B.A	B.Sc	B.Com	BCA	Total
No. of Students	98	84	140	97	419
Male	24	63	68	68	223
Female	74	21	72	29	196
Pass %	29	21	17	25	-

## COLLEGE OF APPLIED SCIENCE (IHRD), ADOOR

**Year of Establishment.: 1995**

**Category: Art& Science**

**Type of management: Self-Financing College (IHRD)**

Postal address with pin code and Email: Near Parthasarathy Temple, Adoor P.O, Pathanamthitta.  
 PIN.691523 Email.casadoor@gmail.com

Name of Principal(with qualifications): Smt.LATHA.P, M. Sc , B. Ed, M Phil, MBA, PGDEAS

Teaching staff permanent/Contract  
 Total: Asst Prof :M 11 F:32 .

Non-Teaching staff Permanent/Contract  
 Total: M:9 F: 8

### STUDENT PROFILE

	B.A Eng	B. Sc (CS)	B. Sc (ELX)	B.Com Comp.Apln	BBA	BCA	MCom Finance	M. Sc CS	M. Sc Elx	Total
No.of Stu- dents	91	123	93	163	123	115	28	13	19	768
Male	33	51	80	97	62	63	3	2	5	396
Female	58	72	13	66	61	52	25	11	14	372
Pass %	43%	63%	35%	54%	64%	74%	96%	93%	92%	-

No. of Research papers published in WoS, Scopus and CARE of UGC etc. during 2019 with out University of Kerala mentioned in the paper 2

No of Research papers published in other peer reviewed journals with ISSN during 2019 with 'University of Kerala' mentioned in the paper. 2

No. of Research papers published in other peer reviewed journals with ISSN during 2019 without 'University of Kerala' mentioned in the paper: 2

No. of papers presented in conferences/ Seminars in2019 4

No. of social activities / outreach programmes 10

## K.V.V.S. INSTITUTE OF TECHNOLOGY, ADOOR

**Year of Establishment: 2002**

**Category: Master of Computer Applications**

**Name of Management: Vanika Vaisya Educational & Employment Trust (Self Financing)**

Postal address with Pin code and Email : KAITHAPARAMBU P.O, ADOOR Pin:691 526

Email id: [kvvsadoor@gmail.com](mailto:kvvsadoor@gmail.com)

Name of the Principal (with qualifications): Dr.M. RAVEENDRAN. M.Com. M.Phil. Ph.D.

Teaching staff – Permanent/Contract Total : 05 Asst. Prof : M-Nil F-03

Assoc. Prof: M-Nil F-01 Lecturer : M-Nil F-01

Non-Teaching staff : Permanent/Contract: Total: 04 M-02 F-02

### STUDENT PROFILE

	MCA	Total
No.of Students	42	42
Male	03	03
Female	39	39
Pass %	90%	

## MAR CHRYSOSTOM COLLEGE

**Year of Establishment: 2014**

**Category : Art & Science**

**Type of Management : Self-Financing College**

Postal address with Pin code and Email :PARANTHAL, ADOOR 689 501

[chrysostomcollege@gmail.com](mailto:chrysostomcollege@gmail.com)

Name of Principal (*with qualifications*): PROF. ITTY VARGHESE, M.A., M.Phil.,

Teaching staff Permanent /Contract : Total : 22 Asst Prof : M: 03 F: 16 Assoc. Prof : M: 03

Non- Teaching staff Permanent /Contract : Total : 4 M: 01 F: 3

### STUDENT PROFILE

	B.A	B.Sc	B.Com	Total
No. of Students	107	47	252	-
Male	40	16	114	-
Female	67	31	138	-

## B N V COLLEGE OF TEACHER EDUCATION, THIRUVALLAM

**Year of Establishment: 2005**

**Category : Training**

**Type of Management : Self-Financing College**

Postal address with Pin code and Email : *B N V College of Teacher Education, Thiruvallam ,Thiruvananthapuram-695027*

Name of Principal (with qualifications): *Dr.G Valsala , M.Sc , M.Ed , Ph.D.*

Teaching staff Permanent /Contract : *Total: 08 Asst Prof : M:0 F:08*

Non- Teaching staff Permanent /Contract : *Total: 04 M:02 F:02*

**STUDENT PROFILE**

	BEd
No. of Students	95
Male	8
Female	87

No. of students who cleared NET/SET/UGC- CSIR during 2019: NET-4 & SET-5

**CHRIST NAGAR COLLEGE OF EDUCATION, CHAVARAPURAM**

**Year of Establishment: 2005**

**Category : Training**

**Type of Management :Self-Financing College**

Postal address with Pin code and Email :CHRIST NAGAR COLLEGE OF EDUCATION, CHAVARAPURAM, THIRUVALLAM, THIRUVANANTHAPURAM - 695027  
Email : christnagarcollegeofeducation@hotmail.com

Name of Principal (with qualifications): Dr M S Geetha, M A, M.Ed., MPhil, Ph.D.

Teaching staff Permanent /Contract : Total: 8 Asst Prof : M: 1 F: 7

Non- Teaching staff Permanent /Contract : Total: 6 M: 2 F: 4

**STUDENT PROFILE**

	BEd	Total
No. of Students 2018-2020	44	94
No. of Students 2019-2021	50	
Male	5	5
Female	89	89
Pass %		100%

No. of Research papers published in other peer reviewed journals with ISSN during 2019 with 'University of Kerala' mentioned in the paper: 2

No. of papers presented in conferences/ seminars in 2019: Students 7 Nos., Teacher 2 Nos.

No. of PhDs awarded from the research centres of the University/College during 2019: 1

No. of students who cleared NET/SET/UGC- CSIR during 2019: 3

No. of social activities/outreach programmes: 4 (Blood Donation+Dreams)

**KAVIYATTU COLLEGE OF EDUCATION, PIAPPANCODE, TVM**

**Year of Establishment: 2006**

**Category: Training**

**Type of Management : Self-Financing College**

Postal address with Pin code and Email :  
Kaviyattu College Of Education, Pirappancode, Pirappancode P.O, TVM, 695607. kaviyattutrust@yahoo.com

Name of Principal (with qualifications): Dr.T.V Kunhiraman [M.A, M.eD, PhD.]

Teaching staff Permanent /Contract : Total: 5 Asst Prof : M - 1 F- 4

Non- Teaching staff Permanent /Contract : Total: 2 M..... F: 2

**STUDENT PROFILE**

	Bed	Total
No. of Students	49	
Male	7	
Female	42	
Transgender	Nil	
Outside State	Nil	
Foreign	Nil	
Pass %	100%	

No. of students who cleared NET/SET/UGC- CSIR during 2019: 3

No. of social activities/outreach programmes: 1

**Details of Research guides working with the centre**

Sl. No	Name	Designation	Ph No:	Email	No. of students currently working with
1.	Dr.T.V Kunhiraman [M.A, M.ed, PhD.]	PRINCIPAL	9447214348	Tvkr1962@gmail.com	2

**K.T.C.T COLLEGE OF TEACHER EDUCATION, KADUVAYIL**

**Year of Establishment: 2005**

**Category : Training College**

**Type of Management : Self-Financing College**

Postal address with Pin code and Email : K.T.C.T. College of Teacher Education, Kaduvayil, Thottakkadu P.O, Kallambalam, Thiruvananthapuram, 695605. Email-ktctcte@yahoo.co.in,ktctcte@gmail.com

Name of Principal (with qualifications): Dr.S.Sarala, MSc, MEd, PhD

Teaching staff Permanent /Contract : Total: 7 Asst Prof : M..... F : 7

Non- Teaching staff Permanent /Contract : Total: 6 M..... F : 6

**STUDENT PROFILE**

	BEd
No. of Students	46
Male	2
Female	44
Transgender	
Outside State	
Foreign	
Pass %	96% including University top & other 3A+



# METCA ISTITUTE OF TEACHER EDUCATION, CHAVARCODE

**Year of Establishment : 2007**

**Category : Training**

**Type of Management : Self-Financing College**

Postal address with Pin code and Email :

METCA Institute of Teacher Education

METCA Land, Chavarcode, Palayamkunnu P.O, Pin : 695 146, Varkala, Thiruvananthapuram

Email address : mitechavarcode@gmail.com

Name of Principal (*with qualifications*) : Prof. A. Faziluddin, M.Sc., M.Ed.

Teaching staff Permanent /Contract : Total: ...7... (Permanent) Asst. Prof : M...1... F...6...

Non- Teaching staff Permanent /Contract : Total: ...5... M...2... F...3...

## STUDENT PROFILE

	<b>B.Ed. I Year 2019-2021</b>	<b>B.Ed. II Year 2018-2020</b>	<b>Total</b>
No. of Students	50	48	98
Male	5	3	8
Female	45	45	90
Foreign			
Pass %			

## NEW B.ED COLLEGE NELLIMOODU

**Year of Establishment: 2005**

**Category : Training**

**Type of Management : Self-Financing College**

Postal address with Pin code and Email : The Principal, New B.ed College

Nellimoodu, Trivandrum. Pincode-695524.

Name of Principal (with qualifications): Dr.USHA SUSAN VARGHESE

Teaching staff Permanent /Contract : Total: 11 Asst Prof : M- 2, F- 9

Non- Teaching staff Permanent /Contract : Total: 7 M- 1, F- 6

## STUDENT PROFILE

	<b>BEd</b>	<b>MEd</b>
No. of Students	50	7
Male	3	2
Female	47	5
Transgender	-	-
Outside State	-	-
Foreign	-	-
Pass %	100%	100%

No. of students who cleared NET/SET/UGC- CSIR during 2019: 4

# SREE NARAYANA GURU KRIPA B.ED. COLLEGE, POTHENCODE

**Year of Establishment: 2005**

**Category : Training**

**Type of management : Self-Financing College**

Postal address with Pin code and Email : Sree Narayana Guru Kripa B.Ed. College Pothencode P.O, Pin : 695584  
Email : sngurukripa@gmail.com

Name of Principal (*with qualifications*) : Vimala Kumari Amma .S, M.Sc., M.Ed.

Teaching staff Permanent /Contract : Total: 8 Asst Prof : M-7, F-1

Non- Teaching staff Permanent /Contract : Total: 4, M-1, F-3

## STUDENT PROFILE

	BEd
No. of Students	50
Male	7
Female	43
Transgender	-
Outside State	-
Foreign	-
Pass %	100

No. of papers presented in conferences/ seminars in 2019: 2

No. of social activities/outreach programmes: 2

# ST. THOMAS TRAINING COLLEGE, MUKKOLAKKAL

**Year of Establishment: 2005**

**Category : Training**

**Type of management : Self-Financing College**

Postal address with Pin code and Email : ST. THOMAS NAGAR, MUKKOLAKKAL,  
THIRUVANANTHAPURAM – 695 043  
Email: [sttctvpm@gmail.com](mailto:sttctvpm@gmail.com)

Name of Principal (with qualifications): Dr.ANILA CHACKO, M.A, M.Ed, NET, Ph.D

Teaching staff Permanent : Total: 7 Asst Prof: M: 0 F: 7 Assoc. Prof: 0

Part-time Physical Education Instructor : M - 1

Art & Aesthetics Education Instructor: 2 M – 1 F - 1

Non- Teaching staff Permanent : Total: 5 M - 1 F - 4

## STUDENT PROFILE

	B.Ed	Total
No. of Students	94	94
Male	5	5
Female	89	89
Transgender	0	0
Outside State	0	0

Foreign	0	0
Pass %	100%	100%

No. of Research papers published in other peer reviewed journals with ISSN during 2019 with 'University of Kerala' mentioned in the paper: 5

No. of Research papers published in other peer reviewed journals with ISSN during 2019 without 'University of Kerala' mentioned in the paper:2

No. of books published with ISBN:1

No. of papers presented in conferences/ seminars in 2019:12

No. of students who cleared NET/SET/UGC- CSIR during 2019:NET – 1, SET - 5

No. of social activities/outreach programmes:3

## **KPM B.ED. TRAINING COLLEGE, CHERIYAVELINALLOOR**

**Year of Establishment: 2007**

Postal address with Pin code: Cheriyaavelinalloor P.O., Oyur,  
Kollam – Dist, Pin : 691516 Ph : 9495402766  
E-mail: kpmbedtraining@yahoo.in  
Website : kpmbedcollege.com

Name of Principal (with qualifications): Dr. S. Abdul Khalam, M.A.,M.Ed.,Ph.D.

Teaching staff Permanent Total : .....7... Asst Prof. : M...2..... F.....5

Non- Teaching staff Permanent Total : .....4... M...2..... F...2...

NAAC Accreditation: NA

### **STUDENT PROFILE**

	<b>B.Ed.</b>	<b>Total</b>
No.of students	100	100
Male	23	23
Female	77	77
Pass %	92	92

No. of students who cleared NET/SET/UGC-CSIR during 2019 : NET – 3, SET - 4

No. of social activities/outreach programs : 9 Programs

## **MANNAM FOUNDATION CENTRE FOR EDUCATION TECHNOLOGY**

**Year of Establishment: 2005**

**Category : Training**

**Type of management : Self-Financing College**

Postal address with Pin code and Email :Mannam Foundation Centre for Education Technology, Edakkad PO  
(via) kadampanad, Kollam Dist, Pin :691552

Name of Principal (with qualifications):Prof.(Dr) Rajan Idicula,MSc,M Phil,M.Ed,Phd

Teaching staff Permanent /Contract : Total: 8 Asst Prof : M : - F : 7 Assoc. Prof : M: 1

Non- Teaching staff Permanent /Contract : Total: 7 M : 4 F: 3

## STUDENT PROFILE

	B.Sc	BEd
No. of Students		97
Male		14
Female		83
Pass %		100

No. of social activities/outreach programmes: 2

## MILLATH COLLEGE OF TEACHER EDUCATION

**Year of Establishment: 2005**

**Category : Training**

**Type of Management : Self-financing**

Postal address with Pin code and Email : Millath college of Teacher Education, Sooranad P.O, Kollam, 690522. millathcollege669@yahoo.com

Name of Principal (with qualifications):S Radhamony Amma, M.A, M.Ed

Teaching staff Permanent /Contract : Total: .....10... Asst Prof : 9 M...3... F.....7

Non- Teaching staff Permanent /Contract : Total: ...5..... M...2... F...3...

## STUDENT PROFILE

	BEd
No. of Students	100 (1&2 Year)
Male	14
Female	86
Pass %	98%

No. of papers presented in conferences/ seminars in 2019:1

No. of social activities/outreach programmes: 5

## R.V TRAINING COLLEGE, VALAKOM

**Year of Establishment: 2005**

**Category : Training**

**Type of Management : Self Financing College**

Postal address with Pin code and Email: R.V Training College, Valakom, Kottarakkara, Kollam (dist). 691532. E-mail:rvtcvalakom@gmail.com

Name of Principal (*with qualifications*): Dr. Rany. S MSc, M Ed, M Phil, PhD

Teaching staff Permanent /Contract : Total: 6 Asst Prof : M: 2 F: 4

Non- Teaching staff Permanent /Contract : Total: 3 M:2 F:1

**STUDENT PROFILE**

	BEd
No. of Students	98
Male	14
Female	84
Transgender	0
Outside State	0
Foreign	0
Pass %	100

No. of Research papers published in other peer reviewed journals with ISSN during 2019 with 'University of Kerala' mentioned in the paper: 2

No. of students who cleared NET/SET/UGC- CSIR during 2019: NET: 2 SET: 5

No. of social activities/outreach programmes: 10

**VALIYAM MEMORIAL COLLEGE OF TEACHER EDUCATION**

**Year of Establishment: 2007**

**Category : Training**

**Type of Management : Self-Financing College**

Postal address with Pin code and Email :Valiyam Mmemorial College of Teacher Education  
Edappallycotta, Chavara, Kollam, kerala, 690521

Name of Principal (with qualifications):Mr.Ramesan. K (MA.Med.PhD(Completed))

Teaching staff Permanent /Contract : Total: 8 Asst Prof : M - 2 F - 6

Non- Teaching staff Permanent /Contract : Total: 7 M- 4 F - 3

**STUDENT PROFILE**

	BEd	M.A	Total
No. of Students	100		100
Male	9		9
Female	91		91
Pass %	99		99

**BUDDHA COLLEGE OF TEACHER EDUCATION, MUTHUKULAM**

**Year of Establishment: 2005**

**Category : Training**

**Type of Management : Self-Financing College**

Postal address with Pin code and Email : Buddha College of Teacher Education, Muthukulam, Alappuzha PIN  
690507

Email:buddhacollege76@gmail.com

Name of Principal (with qualifications):Prof.Dr.Sudharma.A -M.A,B.Ed,M.Ed,Ph.D

Teaching staff Permanent /Contract : Total: 1+9=10 Asst Prof : M \_ 3 F \_ 5 Assoc. Prof : M\_\_ F\_\_ 1

Non- Teaching staff Permanent : Total: 7 M \_2 F\_ 5

**STUDENT PROFILE**

	BEd	MEd	Total
No. of Students	2 <sup>nd</sup> year-44	2 <sup>nd</sup> year-6	50
	1 <sup>st</sup> year-49	1 <sup>st</sup> year-5	54
Male	2 <sup>nd</sup> year-6	--	6
	1 <sup>st</sup> year-5	1 <sup>st</sup> year-1	6
Female	2 <sup>nd</sup> year-38	2 <sup>nd</sup> year-6	44
	1 <sup>st</sup> year-44	1 <sup>st</sup> year-5	49
Pass %	99%	100%	
No. of papers presented in conferences/ seminars in 2019:2			

**Details of Research guides working with the centre**

Sl. No	Name	Designation	Ph No:	Email	No. of students currently working with
1.	Prof.Dr.Sudharma.A	Principal	9447142124	Profsudhar-masps@gmail.com	---

## JAMEELA BEEVI MEMORIAL CENTRE FOR TEACHER EDUCATION

**Year of Establishment : 2005**

**Category : Training**

**Type of Management : Self -Financing**

Postal address with Pin code and Email : Jameela Beevi Memorial Centre For Teacher Education, Kayamkulam – 690502. jbmcte@yahoo.co.in

Name of Principal (with qualifications): Mr. Jyothiraj.T.K., M.A. M.Ed.

Teaching staff Permanent /Contract : Total: 6 Asst Prof : M - 1 F - 1 Lecturer : M - 0 F - 4

Non- Teaching staff Permanent /Contract : Total: 5 M – 4 F - 1

**STUDENT PROFILE**

	B.Ed.
No. of Students	99
Male	4
Female	95

No. of students who cleared NET/SET/UGC- CSIR during 2019: 10

No. of social activities/outreach programmes: 6

## KERALA INSTITUTE OF CO-OPERATIVE MANAGEMENT (KICMA)

**Year of Establishment: 2009**

**Category : MBA**

**Type of Management : Self-Financing College**

Postal address with Pin code and Email :Kerala Institute of Co-operative Management (KICMA), Nettukal Hills, Neyyadam, Thiruvananthapuram-695 572

E-mail – kicmamba@gmail.com

Name of Principal (with qualifications): Dr.Stanley George, Director, KICMA MBA, PH.D

Teaching staff Permanent /Contract : Total: 6 Asst Prof : M - 4 F - 1 Assoc. Prof : M - 1

Non- Teaching staff Permanent /Contract : Total: 17 M - 9 F - 8

#### STUDENT PROFILE

	MBA
No. of Students	106
Male	37
Female	69
Pass %	96%

No. of papers presented in conferences/ seminars in 2019: 6

No. of social activities/outreach programmes: 5

## SREE NARAYANA INSTITUTE OF TECHNOLOGY, KOLLAM

**Year of Establishment: 2003**

**Category : MCA**

**Name of management : Sree Narayana Educational Society**

Postal address with Pin code and Email :VADAKKEVILA, KOLLAM 69010, snitech@gmail.com

Name of Principal (with qualifications):Dr. T, Mahalakshmi, Msc, MS, PhD

Teaching staff Permanent /Contract : Total: .....8... Asst Prof : F...6... Assoc. Prof : M...1... F...1...

Non- Teaching staff Permanent /Contract : Total: ...12..... M...5... F...7...

#### STUDENT PROFILE

	MCA
No. of Students	114
Male	28
Female	86
Transgender	0
Outside State	0
Foreign	0
Pass %	73

No. of Research papers published in WoS, Scopus and CARE of UGC etc, during 2019 with 'University of Kerala' mentioned in the paper: 2

No. of Research papers published in WoS, Scopus and CARE of UGC etc, during 2019 without 'University of Kerala' mentioned in the paper:1

No. of Research papers published in other peer reviewed journals with ISSN during 2019 with 'University of Kerala' mentioned in the paper: 2

No. of Research papers published in other peer reviewed journals with ISSN during 2019 without 'University of Kerala' mentioned in the paper:1

No. of papers presented in conferences/ seminars in 2019:5

No. of students who cleared NET/SET/UGC- CSIR during 2019:1

No. of social activities/outreach programmes:2

# LOURDES MATHA INSTITUTE OF HOTEL MANAGEMENT & CATERING TECHNOLOGY

**Year of Establishment: 2005**  
**Category : Hotel Management**  
**Type of Management : Self Financing**

Postal address with Pin code and Email :Lourdes hills, Kuttichal, Thiruvananthapuram, 695574, info@lmihmct.org

Name of Principal (with qualifications): RANJITH PILLAI,DHMCT

Teaching staff Permanent /Contract : Total: 16 Asst Prof : M 9 Assoc. Prof : M 2 F 1  
 Lecturer : M 3

Non- Teaching staff Permanent /Contract : Total: 6 M 4 F 2

## STUDENT PROFILE

	BHMCT
No. of Students	269
Male	264
Female	05
Pass %	Not yet declared (2019)

No. of papers presented in conferences/ seminars in 2019: 5

No. of students who cleared NET/SET/UGC- CSIR during 2019: 1

No. of social activities/outreach programmes: 2

# CSI INSTITUTE OF LEGAL STUDIES

**Year of Establishment: 2013**  
**Category : Law**  
**Type of Management : Self- Financing College**

Postal address with Pin code and Email : CSI INSTITUTE OF LEGAL STUDIES, CHERUVARAKONAM, PARASSALA, Pin: 695502, email:principalcsiilpsla@gmail.com

Name of Principal (with qualifications): Dr.RANI GEORGE

Teaching staff Permanent /Contract : Total: ...34..... Asst Prof : M...11... F...23...

Non- Teaching staff Permanent /Contract : Total: ...20..... M...10... F...10...

## STUDENT PROFILE

	BA LLB	BBA LLB	BCom LLB	Unitary LLB
No. of Students	286	298	281	165
Male	110	149	117	73
Female	176	149	164	92

No. of papers presented in conferences/ seminars in 2019: 1

No. of social activities/outreach programmes: 3



## A.J. COLLEGE OF SCIENCE AND TECHNOLOGY

**Year of Establishment: 1995**

**Category : Arts & Science**

**Type of Management : Self-Financing College**

Postal address with Pin code and Email : Thonnakkal, 695317, ajcollegeprincipal@gmail.com

Name of Principal (with qualifications): Prof. K.Y Mohammed Kunju, M.Sc.

Teaching staff Permanent /Contract : Total : 63 Asst Prof : M 16 F 25 Assoc. Prof : M 10 F 12

Non- Teaching staff Permanent /Contract : Total : 29 M 10 F 19

### STUDENT PROFILE

	B.A	B.Sc	B.Com	BBA	M.A	M.Sc	M.Com	Total
No. of Students	209	374	327	130	21	108	26	1195
Male	110	181	174	90	8	8	5	576
Female	99	793	753	40	13	100	21	619
Pass %	92	93	88	82	95	95	90	

## G K M CO-OPERATIVE COLLEGE OF MANAGEMENT AND TECHNOLOGY

**Year of Establishment: 2010**

**Category : MBA**

**Type of Management : Self-Financing College**

Postal address with Pin code and Email : Kakkode, Karakulam P.o, Thiruvananthapuram-695564 gkmes2340@gmail.com

Name of Principal (with qualifications): Dr.Prem Kumar.U (Director-in-charge)  
B.Com,M.Com, B. Ed , Ph. D

Teaching staff Permanent /Contract : Total: 5 Asst Prof : M: 3 F: 3

Non- Teaching staff Permanent /Contract : Total: 5 M: 2 F: 3

### STUDENT PROFILE

	M.Com	MBA
No. of Students		27
Male		10
Female		17
Pass %		95%

No. of Research papers published in other peer reviewed journals with ISSN during 2019 without 'University of Kerala' mentioned in the paper: 4

No. of papers presented in conferences/ seminars in 2019: 2

No. of social activities/outreach programmes: 2

# KARMELA RANI TRAINING COLLEGE, KOLLAM

**Year of Establishment: 1960**

**Category : Training**

**Type of Management : Aided**

Postal address with Pin code and Email : Fatima Road, Near St. Aloysius H.S.S., Cutchery P.O.,  
Kollam – 691 013  
info@karmelaranitrainingcollege.com

Name of Principal (with qualifications): Dr. Sanil Sebastian (Principal in-charge)  
M.P.Ed., M.Phil., Ph.D.

Teaching staff Permanent : Total : 10 Asst. Prof : M 2 F 4  
Assoc. Prof : M 1 F 1 Lecturer Selection Grade : M 1 F 1

Non-Teaching staff Permanent : Total : 13 M 9 F 4

## STUDENT PROFILE (Results of 2017-19 batch)

	B.Ed.	M.Ed.	Ph.D	Total
No. of Students	48	11		
Male	4	01		
Female	44	10		
Pass %	93.75%	82%		

No. of Research papers published in other Peer Reviewed Journals with ISSN during 2019 without 'University of Kerala' mentioned in the paper : 1

No. of students who cleared NET/SET/UGC-CSIR during 2019 : 15

No. of social activities/outreach programmes : 3

# KNM GOVT. ARTS & SCIENCE COLLEGE

**Year of Establishment: 1982**

**Category: Arts & Science**

**Type of Management: Government**

Postal address with Pin code and Email : KNM Govt. Arts & Science College, Kanjiramkulam,  
Kanjiramkulam P.O. Thiruvananthapuram – 695 524  
E mail ID: knmcollege@gmail.com

Name of Principal (with qualifications): Dr. S.A. SHAJAHAN

Teaching staff Permanent /Contract : Total : 31 Asst Prof : M- 10 F-19 = 29  
Guest Lects: 7 Assoc. Prof : M- 0 F-0 = Nil Psychology Apprentice -1

Non- Teaching staff Permanent /Contract : Total : 20 M-9 F-9 = 18 Libr. Interns – 2,

NAAC Accreditation: (a) Year accredited 2017 (b) Grade: B++ (c) Points: 2.78

## STUDENT PROFILE

	B.A	B.Sc	B.Com	M.A	M.Com	Total
No. of Students	441	87	113	53	40	738
Male	159	31	38	10	8	246
Female	282	56	73	43	32	490
Pass %	54	85	73.68	100		

No. of papers presented in conferences/ seminars in 2019: Commerce -6,

No. of students who cleared NET/SET/UGC- CSIR during 2019: Sociology -UGC NET – 6, JRF -1

**Details of Research guides working with the centre**

Sl. No	Name	Designation	Ph No:	Email	No. of students currently working with
1	Dr. Jyothi S Nair	Assistant Professor of Sociology	9846564246	Jyothisnair05@gmail.com	4

**KERALA UNIVERSITY COLLEGE OF TEACHER EDUCATION****Year of Establishment: 1994****Category : Training****Type of Management : Centre of the University**

Postal address with Pin code and Email : Kerala University College of Teacher Education, Mancha, Neduman-gad P O Thiruvananthapuram 695541

Name of Principal (with qualifications): Dr Renuka Sonny L R

M Sc, M Ed, Ph D, UGC-NET, PGCFC, Certificate in Horticulture, Certificate in Fashion Designing.

Teaching staff Permanent /Contract Contract staff : Total: ...9..... Asst Prof : M...2... F...7...

Non- Teaching staff Permanent /Contract Daily wages : Total: .....5... M...2... F...3...

**STUDENT PROFILE**

	BEd	
No. of Students	100 First year 50 Second year 50	
Male	8	
Female	92	
Pass %	96%	

No. of students who cleared NET/SET/UGC- CSIR during 2019: NET-4 students & 1 faculty

SET - 9 students

KTET/CTET- 35 students

No. of social activities/outreach programmes: 3

**HHMSPB NSS COLLEGE FOR WOMEN, NEERAMANKARA****Year of Establishment: 1950****Category : Arts & Science****Type of Management : Aided**

Postal address with Pin code and Email :HHMSPB NSS COLLEGE FOR WOMEN, Neeramankara,

Thiruvananthapuram, Kerala Pin-695- 040

Email: nsscollegeforwomen@hotmail.com

Name of Principal:Dr. Jayasree P, MA PhD

Teaching staff Permanent /Contract Total: 66 Asst Prof : 60 M 1 F 59 Assoc. Prof : 6 F 6 Lecturer : 0

Non- Teaching staff Permanent /Contract Total: 19 M 13 F 6

NAAC Accreditation : (a) Year accredited 2017 (b) Grade A (c) Points 3.08

**STUDENT PROFILE**

	B.A	B.Sc	B.Com	M.A	Total
No. of Students	1034	629	214	90	1967
Female	1034	629	214	90	1967
Outside State	1	-	-	-	1
Pass %	70	74.4	98.43	91	

No. of Research papers published in WoS, Scopus and CARE of UGC etc, during 2019 with 'University of Kerala' mentioned in the paper: 3

No. of Research papers published in WoS, Scopus and CARE of UGC etc, during 2019 without 'University of Kerala' mentioned in the paper: 1

No. of Research papers published in other peer reviewed journals with ISSN during 2019 with 'University of Kerala' mentioned in the paper: 13

No. of Research papers published in other peer reviewed journals with ISSN during 2019 without 'University of Kerala' mentioned in the paper: 5

No. of books published with ISBN: 1

No. of papers presented in conferences/ seminars in 2019: 38

No. of students who cleared NET/SET/UGC- CSIR during 2019: 6

No. of social activities/outreach programmes: 4

#### **Details of Research guides working with the centre**

Sl. No	Name	Designation	Ph No:	Email	No. of students currently working with
1	Dr. S Devika	Associate Professor	9387644499	devikanairs@yahoo.com	2
2	Dr. Asha S nair	Assistant Professor	9495829652	drahasnair@gmail.com	3
3	Dr. Maheswari S	Assistant Professor	9495340351	Maheshjyothy66@gmail.com	4
4	Dr. S. Thara	Assistant Professor	9495482112	stharaabhinand@yahoo.in	3
5	Dr. R. Asha Devi	Assistant Professor	9496747929	Ashagiri2004@gmail.com	1

## **SREE NARAYANA COLLEGE, PUNALUR**

**Year of Establishment: 1965**

**Category: Arts & Science**

**Type of Management: Aided**

Postal Address with Pin code and Email: Principal, Sree Narayana College, Punalur, Kollam – 691 305  
[sncpunalur@gmail.com](mailto:sncpunalur@gmail.com).

Name of Principal (*with qualifications*): Dr. T. Pradeep, M.Sc, Ph.D, Research Guide, Kerala University

Teaching Staff Permanent/Contract: Total : 50

Assistant Professor: Male : 07 Female : 17

Associate Professor: Male : 03 Female : 02

Part Time Law Lecturer: Female : 01

Guest Lecturer(Contract): Male : 02 Female : 18

Non-Teaching Staff Permanent/Contract: Total : 17

Permanent : Male : 14 Female : 2

Contract : Male : 1

NAAC Accreditation: (a)Year 2014 (b) Grade: B (c) Points: 2.51

## STUDENT PROFILE

	B.A	B.Sc.	B.Com	MA	M.Sc.	Total
No. of Students	445	487	211	--	93	--
Male	149	175	65	--	7	--
Female	296	312	146	--	86	--
Pass %	37	66.25	67	--	72.3	--

No. of Research papers published in WoS, Scopus and CARE of UGC etc, : 02 during 2019 without University of Kerala mentioned in the paper.

No. of Research papers published in other peer reviewed journals with ISSN : 08 During 2019 without University of Kerala mentioned in the paper

No. of papers presented in conferences/seminars in 2019 : 32

### Details of Research guides working with the centre

Sl. No.	Name	Designation	Phone Number	Email	No. of students currently working with
1	Dr. T. Sasidharan	Principal	9446268475	sasidharanthayambath@gmail.com	04
2	Dr. Baiju. s	Asso. Prof. in Mathematics	9447588957	Baiju.sahyadri@gmail.com	01
3	Lt. Dr. Arun. V	Asst. Prof. in Chemistry	9446110741	Arun.organic.chem@gmail.com	04
4	Dr. Gopan Raj	Asst. Prof. in Chemistry	9496687656	sujgop@gmail.com	00

## T.K.M. COLLEGE OF ARTS AND SCIENCE, KOLLAM

**Year of Establishment: 1965**

**Category : Arts & Science**

**Type of Management : Aided**

Postal address with Pin code and Email : The Principal, TKM College of Arts and Science, TKM College PO, Kollam – 691 005, tkmart@gmail.com

Name of Principal (with qualifications): Dr.Smitha P G, MA. Ph.D

Teaching staff Permanent /Contract : Total: 53..... Asst Prof : M.21 F.28 Assoc. Prof : M.01 F.03

Non- Teaching staff Permanent /Contract : Total: ...22... M...14 F...8...

NAAC Accreditation : (a) Year accredited ...2019 3<sup>rd</sup> Cycle... (b) Grade B++ (c) Points 2.96

### STUDENT PROFILE

	B.A	B.Sc	B.Com	M.A	M.Sc	M.Com	PhD	Total
No. of Students	367	774	371	55	201	76	9	1853
Male	104	180	142	5	13	13	2	459
Female	263	594	229	50	188	63	7	1394
Foreign							1	
Pass %	90	89.1	95	90	98	95		

# WHITE MEMORIAL COLLEGE OF ARTS & FOR WOMEN

**Year of Establishment: 2015**

**Category : Art & Science**

**Type of management : Self-Financing College**

Postal address with Pin code and Email :Panachamoodu P O Tvm -695 505  
[wmascw@gmail.com](mailto:wmascw@gmail.com)

Name of Principal (*with qualifications*): Dr. C Jeyasekar MA, M phil, PhD.

Teaching staff Permanent /Contract : Total : 12 Asst Prof : M-3 F-9 Assoc. Prof : M-Nil F- Nil

Non- Teaching staff Permanent /Contract : Total : 9 M-2 F-7

## STUDENT PROFILE

	B.A	B.Com	BSW	Total
No. of Students	85	146	71	302
Female	85	146	71	302

*Section 5*  
*Research Centres &*  
*Ph.D Awardees*







# LIST OF RESEARCH CENTRES

1. All Saint's College, Thiruvananthapuram (English, Environmental Sciences)
2. Bishop Moore College, Mavelikkara (Physics, Chemistry)
3. C. Achutha Menon Study Centre Library, Poojappura (Politics)
4. Central Marine Fisheries Research Institute, Vizhinjam (Aquatic Biology)
5. Central Tuber Crops Research Institute(CTCRI), Sreekariyam, Thiruvananthapuram (Biochemistry, Environmental Sciences, Biotechnology, Zoology, Chemistry)
6. Centre for Development Studies, Ulloor, Thiruvananthapuram
7. Centre for Advanced Legal Studies and Research, Thiruvananthapuram (Law)
8. Central Plantation Crops Research Institute, Kayamkulam
9. Centre for Earth Science Studies, Aakkulam, Thiruvananthapuram (Geology, Environmental Sciences, Geography, Chemistry, Physics)
10. Rajiv Gandhi Centre for Development of Education, Science and Technology, Sasthamangalam, Thiruvananthapuram.
11. Centre for Development of Imaging Technology (C.Dit), Chitranjali Studio Complex, TVM (Computer Science, Geography, Optoelectronics)
12. Centre for Geo Information Science and Technology, Dept. of Geology, Kariavattom.
13. Govt. College for Women, Trivandrum (Physics, Chemistry, Zoology, Psychology, Philosophy, Malayalam, Hindi, Music, Botany, Commerce, Economics)
14. Kumbalathu Sankupillai Devaswom Board College, Sasthamcotta (Chemistry, Commerce)
15. LNCPE, Kariavattom (Physical Education)
16. CDAC, Vellayambalam, TVM
17. F.M.N.College, Kollam (Commerce, Zoology, Economics, English, Chemistry, Physics, Botany)
18. Forensic Sciences Lab., Thiruvananthapuram
19. Govt. College of Teacher Education, Thiruvananthapuram (Education)
20. Govt. College, Attingal (Economics, Commerce)
21. HHMSPBNS College for Women, Neeramankara (Economics)
22. Hindi Research Centre, Kerala Hindi Prachar Sabha, Thiruvananthapuram (Hindi)
23. Institute of Management in Government Barton Hill, Thiruvananthapuram (Management, Sociology, Commerce)
24. Iqbal College, Peringamala, Thiruvananthapuram (Commerce)
25. Kerala Council for Historical Research, Sanskriti Bhavan, Nalanda, Tvpm
26. Kumaran Asan Institute of Culture, Thonnakkal, Thiruvananthapuram (Malayalam)
27. Lal Bahadur Sastri Centre for Science & Technology, Nandavanam, TVPM (Computer Science, Electronics & Communication Engineering, Chemical Engineering)
28. Loyola College of Social Sciences, Sreekariyam, Thiruvananthapuram (Sociology, Social Work, Personnel Management)
29. Mar Ivanios College, Thiruvananthapuram (Zoology, Chemistry, Physics, Commerce, English, Mathematics)
30. M.G.College, Thiruvananthapuram (Physics, Chemistry, Zoology, Botany, Malayalam, Hindi, Commerce, Mathematics)
31. Mitrani Ketan, Vellanad, Thiruvananthapuram
32. NSS College, Pandalam (Zoology, Physics)
33. NSS College, Nilamel (Malayalam)
34. Rajiv Gandhi Centre, for Bio- Technology, Jagathy, Thiruvananthapuram (Computational Biology & Bioinformatics, Biotechnology, Zoology, Biochemistry, Chemistry)
35. Regional Cancer Centre, Medical College, Thiruvananthapuram (Biotechnology, Zoology, Biochemistry, Chemistry, Physics, Botany)
36. NIIST-CSIR, Thiruvananthapuram (Chemistry, Physics, Biotechnology, Geology, Biochemistry)
37. SD College, Alappuzha (Botany, Zoology, Commerce, Chemistry, Mathematics, Economics, Physics)
38. S.N. College for Women, Kollam (Chemistry)
39. S.N College, Chempazhanthy (Chemistry, History)
40. S.N.College, Cherthala(Zoology)
41. S.N.College, Varkala (Economics)
42. S.N College, Kollam (Physics, Chemistry, Zoology, Botany, English, Hindi, Malayalam, Commerce, Politics)
43. State Nutrition Laboratory, Red Cross Road. Thiruvananthapuram.
44. The Kerala State Drugs & Pharmaceuticals Ltd., Kalavoor, Alappuzha
45. Govt. Sanskrit College, Thiruvananthapuram (Sanskrit)
46. Tropical Botanical Garden and Research Institute, Palode.( Chemistry, Botany, Biochemistry, Biotechnology, Zoology)
47. University College, Thiruvananthapuram (Physics, Chemistry, Zoology, Botany, Geography, Geology, Mathematics, English, Philosophy, Politics, History, Economics, Arabic, Malayalam, Hindi, Tamil, Sanskrit, Statistics)
48. V.S.S.C. Thiruvananthapuram (Chemistry, Physics, Mechanical Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Environmental Sciences)
49. Metabolic Disorders Research Centre, Jagathy, Tvpm (Biochemistry)

50. T K M College of Arts & Science, Kollam (English, Chemistry, Physics)
51. Cashew Export Promotion Council of India(CEPC), Kollam (Biotechnology, Microbiology)
52. Government Arts College, Thycaud, TVM (Commerce)
53. Prof. N.Krishnapillai Foundation, Nandavanam, TVM (Malayalam)
54. Mar Theophilus Training College, Nalanchira (Education)
55. Santhigiri Institute of Bio-Science, Pothencode, Thiruvananthapuram (Biotechnology)
56. Government Law College, Thiruvananthapuram (Law)
57. International School of Dravidian Linguistics, Thiruvananthapuram (Linguistics)
58. Kerala State Biodiversity Board, Thiruvananthapuram (Environmental Sciences)
59. N.S.S. Training College, Pandalam (Education)
60. K.N.M. College, Kanjiramkulam, Thiruvananthapuram (Sociology)
61. St. Stephen's College, Pathanapuram (Zoology)
62. Govt. College, Nedumangad (Commerce)
63. Christian College, Chengannur (Physics)
64. Christian College, Kattakkada (Botany)
65. St. Johns College, Anchal (Chemistry)
66. The Rubber Research Institute, Kottayam (Botany, Biotechnology)
67. Dept. of Aquatic Biology and Fisheries, University Campus, Kariavattom
68. Dept. of Arabic, University Campus, kariavattom
69. Dept. of Archaeology, University Campus, Kariavattom
70. Dept. of Biochemistry, University Campus, Kariavattom
71. Dept. of Biotechnology, University Campus, Kariavattom
72. Dept. of Botany, University Campus, Kariavattom
73. Dept. of Chemistry, University Campus, Kariavattom
74. Dept. of Commerce, University Campus, Kariavattom
75. Dept. of Communication and Journalism, University Campus, Kariavattom
76. Dept. of Computational Biology and Bioinformatics, University Campus, Kariavattom
77. Dept. of Computer Science, University Campus, kariavattom
78. Dept. of Demography, University Campus, kariavattom
79. Dept. of Economics, University Campus, kariavattom
80. Dept. of Education, Thycaud, Thiruvananthapuram
81. Institute of English, Senate House Campus, Thiruvananthapuram
82. Dept. of Environmental Sciences, University Campus, kariavattom
83. Dept. of Futures Studies, University Campus, kariavattom
84. Dept. of Geology, University Campus, kariavattom
85. Dept. of German, Senate House Campus, Thiruvananthapuram
86. Dept. of Hindi, University Campus, kariavattom
87. Dept. of History, University Campus, kariavattom
88. Institute of Management in Kerala, University Campus, kariavattom
89. Dept. of Islamic Studies, University Campus, kariavattom
90. Dept. of Law, University Campus, kariavattom
91. Dept. of Library and Information Science, University Library Buildings, Thiruvananthapuram
92. Dept. of Linguistics, University Campus, kariavattom
93. Dept. of Malayalam, University Campus, kariavattom
94. Dept. of Mathematics, University Campus, kariavattom
95. Dept. of Music, Vazhuthacaud, Thiruvananthapuram
96. Dept. of Optoelectronics, University Campus, kariavattom
97. Dept. of Oriental Research Institute and Manuscripts Library, University Campus, kariavattom
98. Dept. of Philosophy, University Campus, kariavattom
99. Dept. of Physics, University Campus, kariavattom
100. Dept. of Political Science, University Campus, kariavattom
101. Dept. of Psychology, University Campus, kariavattom
102. Dept. of Russian, Senate House Campus, Thiruvananthapuram
103. Dept. of Sanskrit, University Campus, kariavattom
104. Dept. of Sociology, University Campus, kariavattom
105. Dept. of Statistics, University Campus, kariavattom
106. Dept. of Tamil, University Campus, kariavattom
107. Dept. of Zoology, University Campus, kariavattom
108. Dept. of Nanoscience and Nanotechnology, University Campus, Kariavattom
109. Department of Kerala Studies-

## LIST OF PH.D AWARDEES DURING 2019

The following Research Students and candidates were declared by the Syndicate of the University of Kerala for the award of Ph.D. Degree in the subjects and faculties noted against their names during the year 2019.

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
<b>FACULTY OF ARTS</b>						
1.	5741	Deepa R; Krishna Bhavan, Mythri Nagar- 22, Kadappakkada P.O, Kollam	Dr.Premalatha Gopinath, Asso. Professor & Head (Rtd), P G & Research Department of English, S. N College, Kollam	English	Conjunction of Magic Realism and Postcolonialism in the Select Works of Mario Vargas Llosa and Isabel Allende	01.02.19
2.	5977	Joseph I Thomas; 'TRINITY', Thruppadapuram, Kulathur P.O, Thiruvananthapuram	Dr. Humayoon Kabir. S; Asso.Professor& Head(Rtd), Department of Library and Information Science, University of Kerala.	Library and Information Science	Use of Information Resources by the Post Graduate Students of Universities in Kerala	01.02.19
3.	6055	Jinu S Rajan ; R.S Nivas, Ooruttambalam P.O, Thiruvananthapuram.	Dr. B. Mini Devi; Assistant Professor& Head, Department of Library & Information Science, University of Kerala	Library and Information Science	Publication Productivity of Library and Information Science Faculty Members in South India: An Informetric Analysis	01.02.19
4.	6165	Babu N M; House No.20, Pushpa Nagar,Plamood, Pattom,T V P M.	Dr.PPAjayakumar; Professor of English, School of Distance Education, University of Kerala	English	Reading Culture: The Language of Television Advertisements in India	08.02.19
5.	5630	Krishna Kumar R; Krishnalayam, (AGRA 24), Janatha Road, Kalady, Karamana P.O, Thiruvananthapuram	Prof.B.S.Jamuna; Dean, Faculty of Arts, University of Kerala.	English	National and Transnational Landscapes and Identities: A Study of Select Works of Indian and Indo- Canadian Playwrights	30.04.19
6.	5949	Anju Sosan George; Puramathu B Villa, Kuttapuzha P O, Thiruvalla- 689 103, Kerala.	Dr.Beena Sukumaran; Associate Professor (Rtd), Department of English, S N College, Kollam.	English	POLITICS OF SIGNIFICATION IN THE REPRESENTATION OF AUTISM: A STUDY OF SELECT TEXTS	30.04.19
7.	6282	Ganesh S; Aiswarya,Agasthyacode Cheepuvayal, Anchal, Kollam-691306	Dr.Kishore Ram; Assistant Professor, Department of English, M M N S S College, Kottiyam	English	Subverting the Glazed Gaze: A Study of Select Movies of Pedro Almodovar	30.04.19
8.	6283	Indu V S ; Mozhoore, Vayanakam, Njakkanal.P.O, Krishnapuram, Kollam-690533	Dr.Kishore Ram; Assistant Professor, Department of English, M M N S S College, Kottiyam,Kollam	English	Gender Politics in the Select Films of Kim Ki-duk	30.04.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
9.	6105	Vijitha V; 'Renjith Bhavan', Valiyottukonam, Perukavu P.O, Thiruvananthapuram.	Dr. R. Lekshmi; Assistant Professor, Department of Philosophy, Government College for Women, Thiruvananthapuram	Philosophy	A Critical Appraisal of Natural Language Semantics with Special Reference to the Philosophy of Wittgenstein	30.04.19
10.	6385	Anto A Paul; Attupurath, Kurumala.P.O, Chelakkara via, Thrissur-680586	Dr.Abraham Joseph; Associate Professor and Head(Rtd) Department of English, Mar Ivanios College, Thiruvananthapuram.	English	Towards an Aesthetics of Earth: A 'Networked' Discourse on Select Eco-fiction	25.05.19
11.	5926	Aswathy A; T C 8/1740, Anjali, Temple Road, Thirumala, Trivandrum -695006	Dr.B.S.Jamuna; Dean, Faculty of Arts, University of Kerala	English	Teaching of Poetry at the Undergraduate Level: The Effectiveness of Multimedia Package	25.05.19
12.	6135	Rajalekshmi K L; Kollakal Bunglow, Naduvilemuri.P.O, Kayamkulam- 690 503, Alappuzha.	Dr.S.Krishnakumar; Principal & Head(Rtd), Department of English, S D College, Alappuzha	English	Domination and Dissent: A Genealogical Analysis of Select Novels of Ismail Kadare	25.05.19
13.	6212	Anu R Kumar; Thusharam,, Ezhukone P O, Kottarakkara, Pin : 691505	Dr. Kavitha N; Assistant Professor, Department of English, All Saint's College, Thiruvananthapuram	English	Cross-Cultural Concerns and Dislocated Entities: Perspectives on Select Novels of Meira Chand	25.05.19
14.	6286	Velma Mohan; Jayasree, C K R R A- 211, T C- 30/991(1), Kavarady Road, Pettah, Trivandrum- 24	Dr.J.Anjana; Assistant Professor, Department of English, N S S College, Pandalam.	English	Viewing Gender and Race through the Lens of Performativity : The Select Works of Flora Nwapa, Buchi Emecheta and Chimamanda Ngozi Adichie	25.05.19
15.	6384	Susy Antony; SUSVIL, T C 11/1925-5, Netaji Bose Road, N B R A 119, Kaudiar.P.O, Trivandrum- 695003	Dr.Abraham Joseph; Associate Professor and Head(Rtd.) Department of English, Mar Ivanios College, Thiruvananthapuram	English	Representations of Arab Women in Select Fiction on the Middle East	25.05.19
16.	6316	Dhanya Johnson; Jaya Bhavan, T C 4/239-1, Kowdiar.P.O, Kuravankonam, Trivandrum- 695 003	Dr.Abraham Joseph; Associate Professor and Head (Rtd.), Department of English, Mar Ivanios College, Thiruvananthapuram - 15.	English	A Feminist Reappraisal of Select Women Characters in the Holy Bible	18.07.19
17.	5997	Remyasree S; Aswathy, Mangalathukonam, Chavadinada, Kattachalkuzhi.P.O, Thiruvananthapuram-695501	Dr.Meena T Pillai; Professor, Institute of English, University of Kerala.	English	Imagining the New Malayali Woman: The Performance and Politics of Gender in Early Malayalam Cinema	18.07.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
18.	6158	Tara Jane Paul ; T.C - 11/1044, Nediyavilayil, Watts Lane 1, No.10, Nanthancode, Thiruvananthapuram - 695003.	Dr. R. Lekshmi; Assistant Professor, Department of Philosophy, Government College for Women, Thiruvananthapuram	Philosophy	The Non - Reductionistic Approach to Consciousness : A Comparison Between Swami Vivekananda and Sri. Aurobindo	18.07.19
19.	6099	Anitha Issac; House No. 20, Eden Garden, Konkalam, Aramada, Thiruvananthapuram-32	Dr.B.S.Jamuna; Dean, Faculty of Arts, University of Kerala.	English	Legal English Acquisition: Principles, Techniques and Praxis	08.08.19
20.	6104	Neethu Varghese; Thekkekara, Post Office Lane, Nalanchira.P.O, Thiruvananthapuram	Dr.Meena T Pillai; Professor, Institute of English, University of Kerala.	English	Writing the Self: Autobiographies of Malayali Women	08.08.19
21.	6136	Ranjith Krishnan K R; Kollakal Bunglow, Pallickal, Naduvilemuri.P.O, Kayamkulam- 690 503, Alappuzha.	Dr.Krishnakumar V; Associate Professor and Head(Rtd), Department of English, M S M College, Kayamkulam	English	Colloquia of Cultural Assertions: The Fictional Universe of Marquez and Llosa	08.08.19
22.	6218	Pravitha R; Prasobh Bhavan, Netaji Nagar, Nemom P O, Thiruvananthapuram 20	Dr. P. Radharani; Assistant Professor, Department of Philosophy, University College, Thiruvananthapuram - 34	Philosophy	Morality in Buddhism and its relevance in the present day world	08.08.19
23.	6149	Anu S; Parvathy, T C64/700(7), Karumam.P.O, Trivandrum- 695002	Dr.Cherian John; Associate Professor, Department of English, Mar Ivanios College, Nalanchira	English	Intertextual and Hypertextual Interactions: Textual Conjunctions in the Select Works of Umberto Eco and Milorad Pavic	31.08.19
24.	6357	Sucheta Sankar V; Saranga, 27,1845 (1), Vanchiyoor.P.O, Trivandrum -695035	Dr.Meena T Pillai; Professor, Institute of English, University of Kerala.	English	Women's Travel Writings in Kerala: Discourses in Conflict	31.08.19
25.	6238	Simi Varghese; Kanjiraparambil House, Behind ITC Bank, Thalore, Thrissur, Pin - 680306	Dr. Subash K; Professor (Rtd.) and Former Head, Dept. of Communication and Journalism, University of Kerala	Communication and Journalism	A Study on the nature and pattern of media Consumption in Kerala	30.10.19
26.	5897	Suma Alexander; Mangalath, 27, Neethi Nagar, Pattathanam,Kollam.	Dr.Vincent B Netto; Principal, Fathima Mata National College,Kollam.	English	Narrativising History: Textual Continuum in the Writings of William Dalrymple	30.10.19

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27.	5967	Sunitha P; T C 27/2279(2), Convent Lane, General Hospital Junction, Thiruvananthapuram.	Dr.Hema Nair. R; Principal(Rtd), M.G. College, Thiruvananthapuram	English	Transgression of Boundaries in Select Works of Angela Carter	30.10.19
28.	6280	Susan Alexander; Charuvila Puthenveedu, KulakkadaEast.P.O- 691521	Dr.Suja Kurup P L; Associate Professor, Institute of English, University of Kerala	English	Green Poetics in the Works of W.S.Merwin, Wendell Berry, Gary Snyder, A.R.Ammons and Denise Levertov	30.10.19
29.	6382	Jeena Grace J N; Stella Maris, T C 1/1178, Thoppil Nagar, House No- 11, MedicalCollege, Thiruvananthapuram.	Dr.B.Hariharan; Professor, Institute of English, University of Kerala	English	The Apocalypse Meme: A Study of Select Hollywood Movies of early Twenty -first Century	30.10.19
30.	6159	Syam M K; Melakunnel, Chelachuvadu P.O, Idukki	Dr. Beena Isaac; Professor & Head, Department of Philosophy, University of Kerala, Kariavattom	Philosophy	The Concept of Dasein: A Philosophical Analysis	30.10.19
31.	6240	Prasida P; Presidency, Indhiraji Junction, Kollam	Dr.Elizabeth John; Principal( Rtd.), B J M Govt.College, Chavara, Kollam.	English	READING THE GROTESQUE: THE FICTIONAL OEUVRE OF J.K.ROWLING	22.11.19
32.	6094	Visak V S; Sopanam, K P No.9/1139, Keerthi Nagar, Vellayani, Nemom P.O, Thiruvananthapuram.	Dr.B.Hariharan; Professor, Institute of English, University of Kerala.	English	A Comparative Study of the Select Plays of Tomson Highway and Kavalam Narayana Panikkar	28.12.19
33.	6100	Sonya J Nair; Assistant Professor, Department of English, All Saint's College, Thiruvananthapuram.	Dr.Lakshmi Sukumar; Assistant Professor, Institute of English, University of Kerala.	English	Performing Gender, Gendering Performance : The Politics of Sexuality in Transgender Celebrations in South India	28.12.19
34.	6245	Manya R Gopal; Medayil, Choottayil, Kilimanoor P O, Thiruvananthapuram.	Dr. K G Sudhier; Assistant Professor, Department of Library & Information Science, Central University of Tamil Nadu.	Library & Information Science	Scientometric analysis of Bioinformatics Research output in India	28.12.19
35.	6369	Kanaka SSubha S; Kottaram House, T.C 71/2254, Ariyasala, Chala P.O, Thiruvananthapuram.	Dr. S. Omana; Reader (Rtd.), Department of Philosophy, University College, Thiruvananthapuram.	Philosophy	The Concept of Religion in the Philosophy of Rabin-dranath Tagore	28.12.19

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36.	6116	Rajeev G ; GHSS, Thumpamon North, Chenneerkara, Pathanamthitta	Dr. V. Harikumar; Associate Professor (Rtd), PG Department of Commerce Mahathma Gandhi College, Thiruvananthapuram	Com- merce	Marketing of the Passenger Car Industry -A study of Kerala State	22.01.19
37.	6132	Arun S ; Aravindham, Near Poikayil Mosque, 16 <sup>th</sup> Mile, Thonnakkal P.O	Dr. K. Manoharan Nair; Associate Professor(Rtd) Department of Commerce, Mahathma Gandhi College, Thiruvananthapuram	Com- merce	Problems and Prospects of <b>Family Business in Kerala</b>	22.01.19
38.	6203	Manoj C; Chamavila Padinjattathil, Kadappa, Mynanappally P.O, Kollam	Dr. K. Anilkumar; Associate Professor, Department of Commerce, Govt. Women's College, Thiruvananthapuram	Com- merce	Household savings and Investment Pattern – A Study Among the Scheduled castes in Kerala	22.01.19
39.	6215	Lekshmy S N; Thunduvila Veedu, PLRA G– 3, Paniker's Lane, Sasthamangalam P O Thiruvananthapuram.	Dr. P. S Devakumar; Assistant Professor, Department of Commerce, Govt. College for Women, Thiruvananthapuram	Com- merce	A Study on Job Satisfaction, Job Involvement and Organisational Commitment Among the Employees in Kerala State Road Transport Corporation	22.01.19
40.	6228	Saleena A.S ; Edachalil Veedu, Koonthalloor, Chirayinkeezhu P.O, Thiruvananthapuram	Dr. Dileep A.S; Assistant Professor, <b>N.S.S College, Nilamel, Kollam</b>	Com- merce	Customer Service Quality in Commercial Banks in Kerala	22.01.19
41.	6242	Chanth R; Akkaravila Veedu, Chennancodu, Vadasserikonam,- VarkalaThiruvananthapuram	<b>Dr. Zajo Joseph; Associate Professor &amp; Head,</b> Department of Commerce, St. Xaviers College, Thiruvannathapuram	Com- merce	Women Empowerment through Local Self Governments in Kerala	22.01.19
42.	6236	Catherine E Pereira; Sehion, St. Thomas Nagar 107, Mangad P.O, Kollam	Dr. Joseph James; Associate Professor & Head, Department of Commerce, F.M.N College, Kollam	Com- merce	Performance Evaluation of Micro Enterprises initiated under Kudumbashree in Kerala	01.02.19
43.	6323	Sarin Thomas; Vazhayil, B N R A -69, Benedict Nagar, Nalanchira	Dr.Georgee K I; Principal, Mar Ivanios College, Thiruvananthapuram	Com- merce	Emerging Trends in Horticulture Business in Kerala	01.02.19
44.	6246	Jacob Sam; Grace Villa, T. C 13/ 1142/1, Kannamoola, Medical College P.O Thiruvananthapuram	Dr. S. Jayadev; Assistant Professor, PG Department of Commerce & Reserach Centre, Mahathma Gandhi College, Thiruvananthapuram	Com- merce	Emerging Challenges in Management Education – A Study with Special Reference to B-Schools in Kerala	01.02.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
45.	6317	Tom Antony ; Assistant Professor, Department of Commerce, St. Berchmans College, Changanacherry	Dr. Zajo Joseph; Asso. Professor & Head , Department of Com- merce, St. Xaviers College, Thiruvananthapuram	Com- merce	Evaluation of CSR Initia- tives- A Linkage Between Social Welfare and Business Growth	08.02.19
46.	6138	Jain Rani S; 107 Vikas Nagar, Jemose, Pattatha- nam East, Kollam	Dr. Gabriel Simon Thattil; Professor, Department of Com- merce, University of Kerala.	Com- merce	Investors' Behaviour and Investment Management – A Study on Individual Investors	19.02.19
47.	6313	Jiyas K; Keeri House, Tuvvur P O, Malappuram,	Dr. K S Suresh Kumar; Assistant Professor, School of Distance Education, University of Kerala , Thiruvananthapuram.	Com- merce	Micro Insurance in Kerala – An Evaluative Study on Life Insurance Corporation of India	19.02.19
48.	6722	Sumesh G.S; M.G Nivas, Koliyacode P.O, Venjaramoodu, Thiruvananthapu- ram	Dr. Vinod A.S; Assistant Professor, Department of Com- merce, V T M N S S College, Dhanuvachapuram	Com- merce	A Study on the Problems of the Small Scale Retailers in the Emerging Business Scenario in Kerala	11.03.19
49.	6349	Priji L P; Aikulathu Sadasiva Vilasom, Vadakode, Perumpazhuthoor P O, Neyyattinkara	Dr. P. S Devakumar; Assistant Professor, Department of Com- merce, Govt. College for Women, Thiruvananthapuram	Com- merce	Home Based Micro Businesses of Homemakers in Kerala – An Empirical Study	28.03.19
50.	6231	Arun Kumar T T; Anitha Bhavan, SBN – 5, TC 21/3300, Choozhampala, Mukkola P .O, Pin : 695043	Dr. K Mushthaq Ahammed; Assistant Professor of Commerce, School of Distance Education, University of Kerala, Thiruvananthapuram.	Com- merce	Pilgrimage Tourism in Kerala – A Case Study of Sabarimala Temple	30.04.19
51.	6239	Sangeetha Vincent, S M House, Peyad P O, Pin : 695573	Dr. Balu B; Assistant Professor, Department of Com- merce, School of Distance Education, University of Kerala.	Com- merce	Financial Administration of Universities in Kerala with special reference to budget- ing practices	30.04.19
52.	6249	Fouziya R; Thattam Vilakathu Veedu, Kuthirakulam P. O, Vembayam, Thiruvananthapu- ram, Pin: 695615	Dr.Gracious]; Assistant Professor, Department of Com- merce and Research Centre, Govt. Arts College, Thiruvananthapuram .	Com- merce	Role conflict and Role overload Among working mothers in the IT Sector of Kerala	30.04.19



Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
53.	6305	Sunildas B; Baby Nivas, Near S N College, Mundakkal West, Kollam-1	Dr.T.Subash; Principal, Govt.Arts and Science College for Women, Malappuram	Com- merce	Human Resource Practic- es- A Comparative Study Between Public and Private Sector Banks	30.04.19
54.	6370	Siji O K; Aswathy, Vadakkancheri Kuzhiyil, Kommeri P O, Kozhikode – 673007	Prof. (Dr.) G. Raju; Head & Dean of Com- merce, School of Business Management And Legal Studies, University of Kerala, Thiruvananthapuram.	Com- merce	VIABILITY ANALYSIS OF PRIMARY AGRICULTURAL CREDIT SOCIETIES (PACS) IN THE POST LIBERALISA- TION PERIOD	30.04.19
55.	6275	Sandhya S; Sandhyalayam, Kalanjoor, Pathanamthitta	Dr.Biju A V; Assitant Professor, P G Department of Commerce, Govt.College, Nedu- mangad	Com- merce	A Study on Labour Prob- lems of Rural Farmers in Kerala	25.05.19
56.	6312	Amal Kumar. P; Theertham, Mariyam, Venjara- moodu.P.O, Trivandrum- 695 607.	Dr.R.Vasanthagopal; Assistant Professor, School of Distance Education, University of Kerala	Com- merce	Innovative Retail Banking: A Comparative Study of Public and Private Sector Banks in Kerala	25.05.19
57.	6241	Stephen Mathew; Parayil House, Veliyannoor, Kottayam	Dr.Adbul Kalam U; Associate Professor and Head, Department of Com- merce, Iqbal College, Perin- gammala.	Com- merce	A Study of Rubber Produc- ers - societies in Kerala- Performance, Problems and Prospects	25.05.19
58.	6422	Riyas E K; Elamkulayan House, Karuvarakundu P.O, Malappuram – 676 523	Dr. K.S.Suresh kumar ; Associate Professor, School of Distance Education, University of Kerala, Thiruvananthapuram.	Com- merce	An Evaluative Study on Kisan Credit Card Scheme through Primary Agricul- tural Credit Societies in Kerala	08.08.19
59.	6397	Alireza Kaab No.31,18 <sup>th</sup> Meter Street(Fifth, East) Kian abod main road Ahwaz,Khouzestan Province,Iran	Dr.Anzer R.N Assistant Professor Department of Com- merce Government College Nedumangad Thiruvananthapuram	Com- merce	Budgetary Control System – A Study on Selected Indian Listed Companies	19.08.19
60.	5597	Hoda Jashan; C154A Rathakrishna Lane, Peroorkada Trivandrum	Dr. Gabriel Simon Thattil; Professor of Commerce, Director, IQAC, School of Business Management and Legal Studies,University of Kerala, Kariavattom – 695 581.	Com- merce	Effectiveness of Marketing Strategies in the Tourism Industry in Kerala	31.08.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
61.	5930	Ajesh Kumar P. S ; Pathalil House, Thumarampara, Kannimala P. O, Erumely,Kottayam	Dr.Resiya Beegam. S; Professor, Dean, Faculty of Com- merce, University of Kerala, Trivandrum	Com- merce	Role of Local People in Pro- moting Ecotourism	31.08.19
62.	6337	Suma. R; Poornendu,KRA 138, Kedaram Nagar, Pattom P. O, Trivandrum	Dr. R. Vasantha Gopal; Professor and Director, School of Distance Education, University of Kerala.	Com- merce	Building Corporate Brand Image through Print and Electronic Media: A Study in the Business to Customer Marketing Environment in Kerala.	31.08.19
63.	6355	Sunilraj N.V; Road Arikathu Puthen Veedu, Vellamkudy, Kallara P.O – 695 608.	Dr.R.Vasanthagopal; Professor and Director, School of Distance Education, University of Kerala	Com- merce	A STUDY ON THE RISK MANAGEMENT PRACTIC- ES OF PUBLIC SECTOR ENTERPRISES IN KERALA	31.08.19
64.	6368	Balamuraly S.S; Soumeya,TC 13/2778, Murinjapalam Junction, Medical College, Trivandrum	Dr.R.Vasanthagopal; Professor and Director, School of Distance Education, University of Kerala	Com- merce	Indigenous Tourism and Socio-Economic Empower- ment of Host Community: A Study with Reference to Kerala	31.08.19
65.	6415	Anitha.S ; Symphony, Neeru- vila, Manambur P.O Trivandrum -695 611.	Dr.K.Pradeep Kumar; Associate Professor of Commerce Govt.College, Attingal	Com- merce	A Study on the effectiveness of Extension Programmes in the Production and market- ing of aquaculture products in Kerala	31.08.19
66.	6440	Santhi G Nair; Sunil Nivas, Anappara, Vithura 695551	Dr.K.S. Suresh Kumar; Associate Professor, School of Distance Education, University of Kerala	Com- merce	Financial Performance and Physical Achievement of Local Self Governments in Kerala	31.08.19
67.	5814	Mitra Abkhoo; Flat No.23, Shahrak Azadi, Tehran,Iran	Dr. Rajan Verghese; Department of Com- merce, Mar Ivanios College, Trivandrum.	Com- merce	Medical Tourism in Kerala – An Analytical study	30.10.19
68.	6320	Haneesh. P; Pachat House, Kadalundi P.O, Kozhikode-673 302	Dr. Joy V. S; Principal, Govt. Arts & Science College, Tholanur, Palakkad – 678 722	Com- merce	WORKING OF ORGANIC FARMING INDISTRY IN NORTH KERALA	30.10.19
69.	6324	Anupama R; Flat 1C, Vinayaka Sreevidya Apartments, Elumanakkal Tem- ple Road, Eroor South, Kochi – 682 306.	Guide Dr. Joy V. S;Principal, Government Arts and Science Col- lege,Tholanur, Palakkad – 678 722. <i>Co-Guide</i> Dr. Biji James; Associate Profes- sor(Rtd.), Department of Com- merce, Mar Ivanios College, Thiruvananthapuram.	Com- merce	The Role of Financial Institutions in the Develop- ment of Tourism Industry of Kerala	30.10.19

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70.	6372	Rijila P.T; Ashokam, Kanikulam vayal, Karuvissery, Kozhikode- 673010	Dr. K.S. Suresh Kumar; Assistant Professor, School of Distance Education, University of Kerala	Com- merce	A Study on the Competitive Advantage of Retail Formats in Kerala	30.10.19
71.	6389	Shanimon S; Shanimanzil, Komalankunnu, Punalur P.O, Kollam	Dr. K.Pradeep Kumar; Associate Professor, Department of Com- merce, Govt. College, Attingal	Com- merce	Entrepreneurship Devel- opment Among Differently Abled People in South India	30.10.19
72.	6399	Raghavan P.M; Soubhagam, Puthukode P.O, Ramanattukara, Calicut- 673633	Dr. C. Ganesh; Professor, Department of Com- merce, School of Business Management and Legal Studies, University of Kerala, Kariavattom.	Com- merce	Centrally Sponsored Schemes for Rural Devel- opment : APerformance Assessment of Swarnajayan- thi Gram Swarozgar Yojana in North Kerala	30.10.19
73.	6425	Aneesha P Chellap- pan; T.C 5/526(1), Ravikiran, Neethi- nagar, Peroorkada, Thiruvananthapu- ram	Dr. K.S Suresh Kumar; Associate Professor, School of Distance Education, University of Kerala	Com- merce	Support Mechanism for Entrepreneurs – A Study on Youth Entrepreneurs in Kerala	30.10.19
74.	6295	Suja. J; Subha Bhavan, Moongode, Kizhakkinkara Puthenveedu, Moongode P.O	Dr. S. Jayadev; Assistant Professor, Post Graduate Depart- ment of Commerce & Research centre, M.G.College, Kesavadasapuram, Thiruvananthapuram	Com- merce	PROBLEMS AND PROS- PECTS OF HIGHER EDU- CATION SECTOR WITH REFERENCE TO FOREIGN DIRECT INVESTMENT IN KERALA	22.11.19
75.	6398	Ambily C.R; Lekshmi Nivas, Meenam, Pattazhy P.O, Pin – 691 522	Dr.B. Gopakumar; Associate Professor & Head, PG Department of Commerce, N.S.S College, Panda- lam	Com- merce	A Study On Marketing Strategies of Heritage Tour- ism in Kerala	22.11.19
76.	6332	Abdul Salam. K; Koova House, Chet- tappalam, Vemom P.O, Mananthavady, Wayanad – 670 645	Dr. Biju.T; Assistant Professor of Commerce, B.J.M. Govt. College, Kollam.	Com- merce	Behavioral Economic Perspective of Tribes in Wayanad District of Kerala	28.12.19
77.	6408	Chithra. P; Mavila, Thattamala P.O, Kollam	Dr. S.Joy; Principal & Research Guide, DB Pamba College, Parumala	Com- merce	An Evaluation of Training and Development Practices in Co-operative Banks	28.12.19
78.	6413	Ajesh S.R; Neerajanam, Manakkara, Sasthamcotta P.O, Kollam – 690 521	Prof.(Dr.) S.Resia Bee- gam; Dean, Faculty of Commerce, University of Kerala.	Com- merce	Mass Banking and Finan- cial Inclusion – A Study on Promotional Initiatives and Service Utilization Patterns	28.12.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
79.	6171	Anupamamol M K ; Attham,P.V.R A-98, N C C Nagar, Peroorkada Thiruvananthapuram.	Guide: Dr.Bindu D; Assistant Professor, Department of Educa- tion, University of Kerala Co-Guide: Dr.Exemmal J; Former Dean, Faculty of Education, University of Kerala	Educa- tion	Development of Brain- com- patible Learning Design in Biotechnology for Higher Secondary School Students	22.01.19
80.	6303	Shemeena Hussain; Illathuparambil (H), Madathimoola, Nedumbassery.P.O, Aluva.	Dr.Maya S; Assistant Professor, Mar Theophilus Train- ing College, Nalanchira	Educa- tion	Development of Experien- tial Learning model in Environmental Chemistry for enhancing Reflective ca- pacity of secondary School Students	22.01.19
81.	6306	Maya Devi E V; Panappallil Vadak- kethil, Thumpamon.P.O, Pathanamthitta-	Dr.B.Suresh; Principal, Govt. Institute of Advanced Study in Education, Thrissur	Educa- tion	Effectiveness of an Instructional Design for enhancing awareness on Green Chemistry among Higher Secondary School Students	22.01.19
82.	6213	Salini S, H. No. 12, Koyippally, Puliyoor Gardens, Nalanchira, Thiruvananthapu- ram	Dr. Giby Geevarughese, Associate Professor, Mar Theophilus Train- ing College, Nalanchira, Thiruvananthapuram	Educa- tion	Effectiveness of a Course Material Based on Transac- tional Analysis for Enhanc- ing Classroom Interaction of Secondary School Teachers	08.02.19
83.	6250	Dhanya B Chan- dran; Abhi Nivas, Kazhakkunnu, Chullimanoor.P.O, Nedumangadu-695 541	Dr.Rajeswari K, Assistant Professor, Govt. College of Teach- er Education, Kozhikode	Educa- tion	DEVELOPMENT OF MULTIMEDIA LEARN- ING PACKAGE ON FISH PROCESSING TECHNOL- OGY FOR ENHANCING ACHIEVEMENT OF VOCA- TIONAL HIGHER SECOND- ARY SCHOOL STUDENT'S	08.02.19
84.	6334	V.S.Sreelekshmi; P-04, Lekshmi Ville, Pranaamam, Near Ashramam, Chenkottukonam, Thundathil.P.O.	Dr.Malini PM; Associate Professor, NSS Training College, Pandalam	Educa- tion	AN ANALYTICAL ASSESS- MENT OF B.Ed. COURSE IN ENHANCING PEDA- GOGICAL CREATIVITY, IN- TEREST IN SCIENCE AND ATTITUDE TOWARDS SCI- ENCE TEACHING AMONG PROSPECTIVE TEACHERS OF SCIENCE	08.02.19
85.	6333	Preetha T L; Jagasree, T C 93/1105, Cross-C, Bhagath Singh Road, Pettah.P.O, Thiruvananthapuram	Dr.Malini PM; Associate Professor, N S S Training College, Pandalam	Educa- tion	Effectiveness of Problem Solving model in enhancing Select Mathematical Abilities, Skills and Values among Secondary School Students	11.03.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
86.	6269	Sheeba A; Suma Dale, 22/ C S Nagar, Cutchery.P.O, Vaddy, Kollam -691013	Dr.Reena George; Associate Professor of Education, Karmela Rani Training College, Kollam	Educa- tion	EFFECTIVENESS OF DIFFERENTIATED INSTRUCTION MODEL ON STUDY SKILLS AND ACADEMIC ACHIEVEMENT OF UNDER ACHIEVERS AT SECONDARY SCHOOL LEVEL	28.03.19
87.	6271	Hima P M; Thadathil P.O, Thiruvalla, Pathanamthitta-689 106	Dr.T.V.Bindu; Assistant Professor, Govt. College of Teacher Education, Thycadu.	Educa- tion	A COMPARATIVE STUDY OF MULTIPLE INTELLIGENCES OF SECONDARY SCHOOL STUDENTS WITH VARYING LEVELS OF SCIENTIFIC CREATIVITY, MATHEMATICAL CREATIVITY AND LITERARY CREATIVITY	28.03.19
88.	6080	Sivapriya K R; Ambadi House, Thittamel, Chengannur.P.O, Alappuzha	Dr.Reena George, Associate Professor of Education, Karmela Rani Training College, Kollam	Educa- tion	EFFECTIVENESS OF PROACTIVE ORIENTATION PROGRAM TO IMPROVE SELF CONCEPT AND EMOTIONAL RESILENCE AMONG SECONDARY SCHOOL STUDENTS OF KERALA	30.04.19
89.	6194	Jayakrishna K; Nirmalyam, Kulasekharam, Kodunganoor.P.O, Thiruvananthapuram	Dr.G.R.Santhosh Kumar; Principal (Rtd), Govt. College of Teacher Education, Kozhikode	Educa- tion	A STUDY OF SOCIAL CONSTRUCTIVIST APPROACH IN THE ACQUISITION OF LANGUAGE SKILLS IN HINDI AMONG HIGHER SECONDARY SCHOOL STUDENTS	30.04.19
90.	6302	Rejithamol E K; Elappumkunnel, Padamughom.P.O, Kallippara, Idukki	Dr.Maya S, Assistant Professor, Mar Theophilus Training College, Nalanchira	Educa- tion	DEVELOPMENT OF INTERDISCIPLINARY LEARNING PACKAGE ON ENVIRONMENTAL EDUCATION FOR REALISING HIGHER LEVEL INSTRUCTIONAL OBJECTIVES AT SECONDARY SCHOOL LEVEL	30.04.19
91.	6371	Roshna V Gopal; Ramanilayam, Thannivila, Balaramapuram.P.O, T V P M – 695 501	Dr.Sindhya V, Assistant Professor, Department of Education, University of Kerala	Educa- tion	DEVELOPMENT OF LEARNING STRATEGIES FOR UPPER PRIMARY SCHOOL STUDENTS WITH SYMPTOMS OF DYSCALCULIA	30.04.19
92.	5976	Rany G J; Shaju Nivas, Chowalloor, Puliyarakonam.P.O, Thiruvananthapuram	Dr.Bindu R L; Associate Professor, Department of Education, University of Kerala	Educa- tion	EFFECT OF CONTEXTUAL LEARNING ON LINGUISTIC CREATIVITY, GRAMMAR AND ACHIEVEMENT IN ENGLISH OF ADOLESCENTS	25.05.19
93.	6197	Leena Vahid; P A V Bunglow, Kallambalam.P.O, Thiruvananthapuram	Dr.Rany S; Associate Professor, S N Training College, Nedunganda, Varkala	Educa- tion	DEVELOPING A SELF-REGULATED LEARNING PACKAGE IN MATHEMATICS TO ENHANCE ACHIEVEMENT AND ON-TASK BEHAVIOR OF STUDENTS AT SECONDARY SCHOOL LEVEL	25.05.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
94.	6248	Durga Lekshmi G. S; Poomthottathil Veedu, Erathu Kulakkada, Kulakkada P O, Kollam – 691521.	Dr. Sam V. Daniel; Former Pricpal, Mount Tabor Training College, Pathanapuram.	Educa- tion	DEVELOPMENT OF AN IN- STRUCTIONAL PACKAGE BASED ON ACTIVATING STRATEGIES FOR TEACH- ING ENGLISH AT SECOND- ARY SCHOOL LEVEL	25.05.19
95.	6412	Priya Dominic; Priyam, J N R A 24, Near S N C W, Kollam – 691 001	Dr.Reena George; Associate Professor, Karmela Rani Training College, Kollam	Educa- tion	Effectiveness of Reflective Practice in Developing Metacognitive Awareness and Professional Competen- cy among Teachers	25.05.19
96.	6411	Hirpassa Chala Senbeta; Oromia Develop- ment Association, Addis Ababa, Ethiopia	Prof. Theresa Susan A; Dean, Faculty of Education, University of Kerala .	Educa- tion	Factors Affecting Leadership and Management in Schools of Oromia, Ethiopia and Kerala, India	28.06.19
97.	6118	Deepthi Elizabeth Mathew; P K R A 110, Kun- nil, Parottukonam, Pat- tom.P.O, Thiruvananthapu- ram	Guide: Dr.Giby Geevarughese; Associate Professor, Mar Theophilus Train- ing College, Nalanchira, Thiruva- nanthapuram Co-Guide: Dr.K.T.Joseph; Research Guide in Education, University of Kerala	Educa- tion	Testing the Effectiveness of Certain Innovative Models for learning Mathematics at Secondary Level	18.07.19
98.	6195	Jisha N R; Krishna Kripa, Kudavattoor.P.O, Kollam- 691512	Dr.Rany S; Associate Professor, S N Training College, Nedunganda, Varkala	Educa- tion	DEVELOPMENT OF WEB- BASED CARE PACKAGE FOR ENHANCING CYBER THREAT AWARENESS AMONG STUDENTS AT HIGHER SECONDARY LEVEL	18.07.19
99.	6196	Bindusha K; T C 28/960(1), RENG, Sreekandeswaram, Fort P O, Thiruvananthapur- am 695 023	Dr.Rany S; Associate Professor, S N Training College, Nedunganda, Varkala	Educa- tion	DEVELOPMENT OF LEARNER FRIENDLY CLASSROOM MANAGE- MENT PACKAGE IN BIOL- OGY FOR ENHANCING ACHIEVEMENT AND ON -TASK BEHAVIOR OF STU- DENTS AT SECONDARY SCHOOL LEVEL	18.07.19
100.	6254	Deepu P R; Prabhalayam, Thottavarm, Attingal.P.O- 695 101	Dr.Jayasree T K; Assistant Professor, Govt.Brennen College of Teacher Education, Thalaseery.	Educa- tion	NATURALISTIC, ECOLOGI- CAL AND MORAL INTELLI- GENCES AS PREDICTORS OF RESPONSIBLE ENVI- RONMENTAL BEHAVIOUR OF ADOLESCENT LEARN- ERS	18.07.19
101.	6338	Harikrishnan M; Krishnapriya, Palaymkunnu.P.O, Thiruvananthapur- am- 46	<b>Dr.Geetha Janet Vitus;</b> <b>Assistant Professor,</b> <b>Department of Educa-</b> <b>tion,</b> University of Kerala.	Educa- tion	INFLUENCE OF SELECT PERSONALITY VARIABLES ON THE COGNITIVE SKILLS OF HIGHER SEC- ONDARY LEARNERS	08.08.19

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102.	6185	Sajitha S; Vipin Nivas, Thirupuram, Neyyattinkara, Trivandrum	Dr.Bindu R L; Associate Professor, Department of Educa- tion, University of Kerala	Educa- tion	Effectiveness of Eco-friend- ly Teaching of Ecology for Enhancing Environmental Awareness and Eco-friend- liness of Students at Higher Second- ary level	31.08.19
103.	6304	Princy Peter; Varickanical, N R City.P.O, Rajakkad.	Dr.Maya S; Assistant Professor, Mar Theophilus Train- ing College, Nalanchira	Educa- tion	Awareness of Human Rights in Relation to Social Values and Home Environment of Secondary school Students in Tribal areas of Idukki District	31.08.19
104.	6363	Swapna P; Saraswathy Mandi- ram, M A R A - 15, Muttada.P.O, Trivandrum – 695 025	Dr.Maya S; Assistant Professor, Mar Theophilus Train- ing College, Nalanchira	Educa- tion	IDENTIFICATION OF EDUCATIONAL, VO- CATIONAL AND PSY- CHO-SOCIAL NEEDS AND PROBLEMS OF INMATES OF CHILDREN'S HOMES IN KERALA WITH A VIEW TO PREPARE A GUIDANCE PROFILE FOR BETTER REHABILITATION	30.10.19
105.	6394	Raji V. R; Prasanthi, Melamcode, Nedumangad P.O, Thiruvananthapu- ram	Dr.T.V.Bindu; Assistant Professor, Govt.College of Teacher Education, Thycaud, Thiruvananthapuram	Educa- tion	A Study of Literary Creativ- ity and Classroom Perfor- mance of English Optional Student Teachers	30.10.19
106.	6420	Nishad N; Nishad Manzil, Manalethupalha, Thattathumala.P.O Kilimanoor- 695614	Dr.Sindhya V; Assistant Professor, Department of Educa- tion, University of Kerala	Educa- tion	Development of Instruc- tional Strategies based on Ecopsychological approach for teaching Geography at higher secondary level	30.1019
107.	6465	Sreevidya Nair N; Kulathoor House, Vallicode P O, Kaipattoor, Pathana- mthitta	Dr.K.Rema Devi; Principal, N S S Training College, Pandalam.	Educa- tion	EFFECTIVENESS OF TEACHER ASSISTED LEARNING PACKAGE BASED ONEXPERIENTIAL LEARNING FOR ENHANC- ING COMMUNICATIVE COMPETENCE IN ENGLISH OF STUEDENTS AT HIGH- ER SECONDARY LEVEL	30.1019
108.	5879	V.K.Santhosh Ku- mar; Charutha, N R R A 114/4, Netaji Road, Mangalam Lane, Vattiyoorkkavau, Trivandrum	Dr.B.Suresh; Principal, Govt.College of Teacher Education, Thycaud	Educa- tion	DEVELOPMENT OF IN- STRUCTIONAL MATERI- ALS IN SOCIAL SCIENCE BASED ON CONSTRUC- TIVIST LEARNING AND ITS EFFECTS ON CLASS- ROOM ENVIRONMENT AND COGNITIVE STYLE OF SECONDARY SCHOOL STUDENTS	22.11.19
109.	6344	Elizabeth Vista Paul ; Kollamparambil, C R A 195(A), Choozhampala, Mukkola P O.	Dr.Giby Geevarughese; Associate Professor, Mar Theophilus Train- ing College, Thiruvananthapuram.	Educa- tion	Developing a Learning Material for Promoting awareness on and attitude towards eco preservation at Higher Secondary School Level	28.12.19

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110.	6405	Kamaludheen K T; Samadhan, T C-29/3966, Ganapathy Kovil Road, Bakery Junction, Thycaud, Thiruvananthapuram	Dr. Theresa Susan A; Professor (Rtd), Faculty of Education, University of Kerala .	Educational	DEVELOPMENT OF A BOOSTER MODULE AIMING AT TEACHERS' POSITIVE ATTITUDE TOWARDS INCLUSIVE EDUCATION OF TRANS-GENDERS	28.12.19
111.	5764	Sreedev R; T C 32/961(2), Sri Vallabham, M G Nagar, Vazhaya, Peroorkada	Dr.G.Sreelatha; Associate Professor(Rtd), Department of Music, Govt.College for Women, Thiruvananthapuram.	Music	GROUP KRITIES OF MUTHUSWAMI DIKSHITAR ON LORD SHIVA – A Study	19.02.19
112.	5753	Sampath N; Aswathy, T C 575/1, Nagerkavu Road, Poojappura, Thiruvananthapuram.	Dr.G.Sreelatha; Associate Professor(Rtd), Department of Music, Govt.College for Women, Thiruvananthapuram.	Music	STUDY ON THE COMPOSITIONS OF TRINITY IN RAGA TODI	19.02.19
113.	5885	Kishore G Mon ; Krishna Gadha, Velavoor, Koliyakodi P.O, Venjaramoodu, Thiruvananthapuram.	Dr.A.K Nambiar; Professor (Rtd), School of Drama And Fine Arts, University of Calicut	Theatre Arts and Film Aesthetics for Education	ടി. വി. ചന്ദ്രന്റെ സിനിമകളിലെ സാമൂഹിക - സാംസ്കാരിക ചിഹ്നങ്ങൾ - പൊന്തൻമാട, ഡാനി, കഥാവശേഷൻ എന്നീ ചിത്രങ്ങളെ ആധാരമാക്കി ഒരു പഠനം	30.04.19
114.	5864	Divyasree G P; Sreepadmam, R R V R A-112, Velamkonam, Attinjal.P.O, Thiruvananthapuram	Dr.Bhavana T M; Associate Professor and Head (Rtd) Department of Music, S N College for Women, Kollam	Music	Kritis in Ghanapanchaka ragas of Vaggeyakaras during Post Tyagaraja Period	25.05.19
115.	6233	Nisha A G; Lal Bhavan, M R A -106, Vellappally, Naruvamoodu P.O, Thiruvananthapuram-28	Dr.Anuradha V K; Associate Professor and Head(i/c), Department of Music, University of Kerala	Music	THE PLAYING TECHNIQUES OF VEENA ADOPTED BY SANGEETHA KALANIDHI LATE K.S. NARAYANA SWAMY	18.07.19
116.	6268	Meenu Mohan; Krishnavilasam, Venkavila, Irinchayam.P.O, Nedumangadu	Dr. K.C.Sunny; Dean, Faculty of Law, University of Kerala	Law	Organ Transplantation Law in India: India Human Rights Perspective	11.03.19
117.	6274	Jishnu J R; J R Villa, G R A-32, T C 16/1377, Gowreesa Lane, Gowreesapattom, Thiruvananthapuram	Dr. K.C.Sunny; Dean, Faculty of Law, University of Kerala	Law	COPYRIGHT AND TRADE-MARK ASPECTS OF SOCIAL MEDIA- AN ANALYSIS	11.03.19



Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
118.	6143	Omolsalameh Pakuhinezhad; Research Scholar, Centre for Advanced Legal Studies, Thiruvananthapuram	Dr.P.Lekshmi; Director, CALSR, Punnenroad, Thiruvananthapuram.	Law	Damages in Contracts and Convention on International Sale of Goods, 1980	12.06.19
119.	6276	Aparna Sreekumar; Vinayaka, A R A- 30, Athani Lane, Vanchiyoor, Trivandrum	Prof.Bismi Gopalakrishnan; Professor and Head, School of Indian Legal Thought, Mahathma Gandhi University,Kottayam	Law	RIGHT TO MAINTENANCE FOR DEPENDENTS- NEW DIMENSIONS AND LEGAL CHALLENGES	30.10.19
120.	6044	Jayaprakasan V.S; Kailas.T.C 14/234, PRA – 201, Poonthi Road, Anayara P.O,	Dr. K.S Chandrasekar; Dean, Faculty of Management Studies, University of Kerala	Management Studies	Strategic Management in Indian Telecom Sector with Special Reference to Bharat Sanchar Nigam Limited	22.01.19
121.	6265	V K Shobha; T C 30/1, KRA - 61, Kaivalyam, Sugathan Road, Anayara P O, Kudavoor, Thiruvananthapuram	Dr. Ambeesh Mon S; Assistant Professor, Institute of Management in Kerala, University of Kerala	Management Studies	A Study on Employee Engagement among the Executives in Bharat Sanchar Nigam Limited, Kerala Circle	25.05.19
122.	6232	Chithra Mohan. K ; Kamala Land, ARA – 142, Attukal, Manacaud P.O, Thiruvananthapuram	Dr.Ajith Prabhu. V; Joint Director & Scientist, Kerala State Council for Science, Technology and Environment, Sasthra Bhavan, Pattom, Thiruvananthapuram	Management Studies	A Study of Occupational Stress among Indian Labour Force in United Arab Emirates	25.05.19
123.	6179	Unnimaya P.S; Ushus, Maru South, Alumkadavu P.O, Karunagappally, Kollam	Dr. Ajith Prabhu. V; Joint Director & Scientist, Kerala State Council for Science, Technology and Environment, Sasthra Bhavan, Pattom, Thiruvananthapuram	Management Studies	EMOTIONAL INTELLIGENCE AND WORK – LIFE BALANCE AMONG THE TEACHERS IN SELF FINANCING ENGINEERING COLLEGES IN KERALA	25.05.19
124.	6452	Legesse Gudura Mamo; Hawassa University, Hawassa, Ethiopia	Dr. K.S Chandrasekar; Dean, Faculty of Management Studies, University of Kerala	Management Studies	Supply Chain management of Fruits: A Comparative study of Kerala and Sidama Zone	18.07.19
125.	6270	Rajesh. R; Samrdhi(NRA 49), Nandavanam Road, Palayam, Thiruvananthapuram 33	Dr. K.S Chandrasekar; Professor & Dean, Faculty of Management Studies, University of Kerala	Management Studies	Memorandum of Understanding (MOU) system in Central Public Sector Enterprises (CPSEs) - a strategic Initiative: A comparative study with cognate Private Sector Enterprises on the MoU Parameters	08.08.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
126.	6230	Syamnath R.S; Sreesyam, Nellikunnu, Mulloor P.O, Trivandrum	Dr. Ambeesh Mon. S; Assistant Professor, Institute of Management in Kerala, University of Kerala, Kariavattom.	Management Studies	TOURISM INDUSTRY IN KERALA–A STUDY ON LEGAL ENVIRONMENT IN THE ACCOMMODATION SECTOR	31.08.19
127.	6257	Abdolhamid Ata; TC 11/145, Nandanam, H. No: A – 143, Kanakanagar, Nanthencodu, Kowdiar P O, Trivandrum - 695003	Dr. S. Ajitha; Assistant Professor of Public Administration, <b>School of Distant Education, University of Kerala</b>	Management Studies	Technology Adoption Perspective on Cloud Computing in Kerala	31.08.19
128.	6451	Essayas Taye Lemma; Addis Ababa Science and Technology University, Addis Ababa, Ethiopia	Dr.K.S.Chandrasekar; Professor of Management, Institute of Management in Kerala, University of Kerala.	Management Studies	Customer Satisfaction on E-banking : a comparative study of Trivandrum and Addis Ababa	19.09.19
129.	6284	Sanitha K K; E R A 126, Vinprabhu, Chembakasseri, Palkulangar, Vallakkadavu. P O, Thiruvananthapuram	Dr.S.Ambeesh Mon; Assistant Professor, Institute of Management in Kerala, University of Kerala.	Management Studies	A study on Employability Skills of Degree students in Kerala	30.10.19
130.	6267	Surya Robert; Subin Nivas, G R A E- 39, Chilambil lane, Gandhipuram, Sreekariyam P O, Trivandrum- 695 017	Dr. S.Jayadev; Assistant Professor, P G and Research Department of Commerce, Mahathma Gandhi College, Thiruvananthapuram.	Management Studies	PRICE VOLATILITY OF SELECTED AGRICULTURAL COMMODITIES IN KERALA - A BUSINESS ANALYSIS	28.12.19
131.	6520	Hareendrakumar. V R; Hariprasadam, GVRA – B – 19, Vazhayila, Karakulam P.O Trivandrum – 695 564	Dr. Suresh Subramoniam; Director, CET School of Management, Department of Business Administration, College of Engineering Trivandrum, Thiruvananthapuram	Management Studies	A Comparative Study on the Fairness of Different Rewarding Systems for Employees and their Effect on Employee Loyalty in Public Sector Industries in Kerala	28.12.19
132.	6142	Resmi R; Sreeramanilayam, Karimpaloor, Puthenkulam P.O, Kollam	Dr. S. R. Jayasree; Assistant Professor, Department of Hindi, Mahathma Gandhi College, Thiruvananthapuram	Hindi	A comparative study of the Novels of AGYEY and ANAND in the Perspective of Existentialism	22.01.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
133.	6207	Smitha S L; Midhila, TC18/691 (1), Punnakkamugal, Aramada P O, Thiruvananthapuram	Dr. Preetha Remani T E; Assistant Professor, Department of Hindi, Govt. College for Women, Thiruvananthapuram.	Hindi	PRABHA KHETAN KE UPANYASON MEIN STRI VIMARSH	22.01.19
134.	6030	Rejitha G.P; Puthu Veedu, Ulacodu, Vakkanadu, Kollam	<b>Dr. Sujith S;</b> <b>Assistant Professor,</b> Department of Vyakarana, Govt. Sanskrit College, <b>Thiruvananthapuram</b>	Sanskrit	Aucitya in the Dramas of Kulasekhara	22.01.19
135.	6036	Remya K.P; Kizhakke Palolikandi, Chokli P.O, Kannur	<b>Dr. Prasad P. N;</b> Assistant Professor, Department of Sanskrit, University College, Thiruvananthapuram	Sanskrit	Agronomy with special reference to Kṛṣiparāra	22.01.19
136.	6050	Pavithra Vijayan ; Maliyil House, Kavumbhagom P.O Thiruvalla	Dr. Anand Dilip Raj; Assistant Professor, Department of Sanskrit, University College, Thiruvananthapuram	Sanskrit	Duryodhana in Mahabharata – A Study	22.01.19
137.	6141	Girish M.P ; Jyothirgamaya, TC 50/577(4), Kottayil,Kulathara, Karamana P O, Thiruvananthapuram	<b>Dr. Harinarayanan Mankulathillath;</b> Assistant Professor & Head, Department of Jyothisha, Govt. Sanskrit College, Thiruvananthapuram	Sanskrit	MUHṚTAPADAVYṘH VAIṘṘYAM MṘHUR- TACINTANṘ	22.01.19
138.	5829	Jeya S; LMS Division, Glenmary Post, Peermade, Idukki.	Dr.P.Jeyakrishnan, Assistant Professor, Department of Tamil, University of Kerala	Tamil	MALAYAZHMAUYUDE VYAKARANAM TAMIL TRANSLATION AND COMPARATIVE STUDY-WITH NANNOL	22.01.19
139.	6148	Ranju M; Puthen Veedu, Vanchiyoor P.O, Attingal	<b>Dr. Ushakumari K.P;</b> Assistant Professor, Department of Hindi, Mahathma Gandhi College, <b>Thiruvananthapuram</b>	Hindi	DAKSHIN BHARAT KI HINDI PATRIKAYEIN – EK VISHLESHANATMAK ADHYAYAN	01.02.19
140.	6190	Rajitha R.C ; Aswathy Nivas, Venganoor P.O, Thiruvananthapuram	Dr. Sheeba Sarath S; Assistant Professor, Department of Hindi, University College, Thiruvananthapuram	Hindi	SANJIV KA KATHA SAHITHYA: VISHLESHNATMAK ADHYAYAN ( CHUNI HUYI RACHANAON KE SANDARBH MEIN )	01.02.19
141.	5857	Veena Gopal V P; Aiswarya, Vilavoorkal, Malayinkil P O, Thiruvananthapuram	Dr. B Balanandan; Associate Professor (Rtd.), Department of Malayalam, University College, Thiruvananthapuram	Malayalam	നെയ്യാറ്റിൻകര താലൂക്കിലെ സമലനാമങ്ങൾ : ഒരു പഠനം	01.02.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
142.	6205	Sudheesh O S; Ozhakkottidayil House, Cheliya P O, Koyilandy, Kozhikode - 673306	Dr. Harinarayanan Mankulathillath; Assistant Professor & Head, Department of Sanskrit Jyothisha, Govt. Sanskrit College, Thiruvananthapuram	Sanskrit	Jyōtisavāstuśrayāh Paraspārāyatvam	01.02.19
143.	5984	Reeja Y S; Y.S.Vihar, Keezhvanda, Veeranakavu.	Dr. P.C.Roy; Associate Professor in Malayalam, S.N.College, Kollam.	Malayalam	നിയമം മലയാള സാഹിത്യം	19.02.19
144.	6062	Lekshmi S ; Kunnumpurathu Veedu, Parackara, Puthukulangara P.O, Nedumangadu	Dr.R.B.Sreekala; Assistant Professor, Department of Malayalam, University College, Thiruvananthapuram.	Malayalam	പാരിസ്ഥിതിക സാഹിത്യ വിമർശനം മലയാളത്തിൽ	19.02.19
145.	5983	Sreeja J S; T.C- 43/17, Thottam, Manacaud P.O, Thiruvananthapuram	Dr. M.Vijayan Pillai; Associate Professor, Department of Malayalam, N.S.S.College, Nilamel.	Malayalam	ബ്രാഹ്മണേതര പുരുഷങ്ങളുടെ ക്ഷേത്രങ്ങളിലെ ആചാരനഷ്ടങ്ങൾ - തിരുവനന്തപുരം ജില്ലയിലെ തിരഞ്ഞെടുത്ത ക്ഷേത്രങ്ങളെ അടിസ്ഥാനമാക്കി ഒരു പഠനം	11.03.19
146.	6140	Harish P .M; Vijayapurathu Pisharam, Manarcadu P.O Manarcadu, Kottayam	Dr. Pradeep Varma P.K; Assistant Professor, Department of Sanskrit, S N G S College, Melepattambi.P.O; Pattambi.	Sanskrit	Parasuramakalpasutre Mokshopayah	11.03.19
147.	6108	Suma M S; Therivila Veedu, Payattuville - 695 501.	Dr. Sreekala K I; Assistant Professor, Department of Hindi, Govt. Victoria College, Palakkad.	Hindi	VISHNU PRABHAKAR KE KATHA SAHITHYA MEIN NARI VIMARSH	28.03.19
148.	6107	Suvarna M; Ananthapadmam, T.C 7/257, Kallampally, Sreekariyam P.O Thiruvananthapuram	Dr. Kunjamma. S; Associate Professor, Department of Linguistics, University of Kerala, Kariavattom	Linguistics	Forensic Documents – A Linguistic Analysis	28.03.19
149.	6184	Mini V; Keezhathil House, Cherumannoorkonam, Karichiyil, Attingal P.O. – 690101.	Dr. A.M.Unnikrishnan; Associate Professor, School of Distance Education, University of Kerala, Thiruvananthapuram	Malayalam	മാതൃത്വത്തിന്റെ ആവിഷ്കാരം മലയാള കവിതയിൽ : പി .കുഞ്ഞിരാമനായർ, ഇടശ്ശേരി ഗോവിന്ദൻനായർ, വൈലോപ്പിള്ളി ശ്രീധരമേനോൻ എന്നിവരുടെ കവിതകളെ ആസ്പദമാക്കി ഒരു പഠനം	28.03.19
150.	6024	Meera P S ; Kalpakassery House, T C 30/1453, Pettah, Trivandrum	Dr.S.Malini; Assistant Professor, Department of Sanskrit, University College, Trivandrum	Sanskrit	Cultural diversity of Society- Mahabharata & Modern Period	30.04.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
151.	6114	Arsheda S; TC 48/498 (1), MNRA House No : 34, Kallattumukku, Manacaud P O, Thiruvananthapuram Pin : 695009	Dr. Preetha Remani T E; Assistant Professor, Department of Hindi, Government College for Women, Thiruvananthapuram	Hindi	MANOHAR SHYAM JOSHI KE UPANYASON MEIN UTTARADHUNIKTA	30.04.19
152.	6253	Sudha T; S. D. Bhavan, Karichal, Kazhivoor, P. O, Thiruvananthapuram Pin : 695526	Dr. S. R. Sreekala; Assistant Professor of Hindi, University College, Thiruvananthapuram	Hindi	VIVEKI RAI KE UPA- NYASOM KA VISLESHAN- ATHMAK ADHYAYAN	30.04.19
153.	6260	Shibina S; Asaru Nivas, Earm, Karamcode P. O, Kollam	Dr.S.Leela Kumari Amma; Associate Professor & Head (Rtd.), Department of Hindi, S.N. College, Kollam	Hindi	BHISHM SAHNI KE UPA- NYASON MEIN PATHRA – SRISHTI AUR PARIVESH	30.04.19
154.	6259	Sheeba C; Ellammavilai, Manakkavilai, Manalikai P. O, K. K District, Pin-629164	Dr. Nisharaffi; Assistant Professor, Department of Tamil, University College, Thiruvananthapuram	Tamil	Kavingar Puviyarasu ka- vithaigalil Samuga Chin- thanikal	30.04.19
155.	6261	Manju K N; Varun Nivas, Koonayil, S. Paravur, Kollam	Dr.S.Leela Kumari Amma; Associate Professor & Head (Rtd.), Department of Hindi, S.N. College, Kollam	Hindi	JAGADISH CHANDRA KE UPANYAS : DALIT CHET- ANA KE PARIPREKSHY MEIN	25.05.19
156.	6325	Rohini K K; Vijaya House, Arasuparambu, Nedumangad P.O, Thiruvananthapuram	Dr. S. R. Jayasree; Assistant Professor, Department of Hindi, Mahathma Gandhi College, Thiruvananthapuram.	Hindi	BEEVIN SADI KE ANTIM DASHAK KE HINDI UPA- NYAS KA PRAVRITIGAT ADHYAYAN	25.05.19
157.	6153	Rema V; Manasi, Punnamoottil, Paruthippally P.O., Thiruvananthapuram.	Dr.Vijayalayam Jayaku- mar ; Director, S.N Research and Study Centre, Jayakrishna Publica- tion, Peroorkkada, Thiruvananthapuram.	Malay- alam	ശ്രീനാരായണഗുരു ചരിത്രത്തിലും ജീവചരിത്രങ്ങളിലും മുൻകോതു കുമാരൻ, കോട്ടുകോയിക്കൽ വേലായുധൻ, എം.കെ സാന എന്നിവരുടെ രചനകൾ അടിസ്ഥാനമാക്കിയുള്ള വിശകലനം	25.05.19
158.	6220	Alex Jacob S; Oramparakkal Vilai Veedu, Malaicode, Edaicode.P.O, Kanyakumari Dis- trict	Dr.Sanathi ; Assistant Professor, Department of Tamil, Govt. College for Women, Thiruvananthapuram	Tamil	THE LIFE OF MIGRATED TAMIL CIVILIANS IN A. RANGASWAMY'S WORKS	25.05.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
159.	6063	Mini S; Saindhavam, SNRA - 112, Pachalloor P.O, Thiruvananthapuram - 27	Dr. R.B.Sreekala; Assistant Professor, Department of Malayalam, University College, Thiruvananthapuram	Malayalam	നവോത്ഥാന കേരളീയസംസ്കാരം ആത്മകഥകളിൽ തെരഞ്ഞെടുത്ത കൃതികളെ മുൻനിർത്തി ഒരു പഠനം	12.06.19
160.	6298	Remya Das.V ; Changayil Kizhakkathil, Murunthal, Perinad P.O, Kollam-691 601.	Dr. Jayakumari.K; Assistant Professor, Department of Hindi, M.G.College, Thiruvananthapuram.	Hindi	A COMPARATIVE STUDY OF THE POEMS OF JAYASANKAR PRASAD AND KUMARANASAN IN THE PERSPECTIVE OF DARSAN	20.06.19
161.	6087	Nisha M U, B S Nivas, Irumbil, Aruvipuram P O, Pin : 695126	Dr. N A Shihab; Assistant Professor, Department of Sahitya, Govt. Sanskrit College, Thiruvananthapuram.	Sanskrit	Kalidasakrtisu Paristhitivijnanam	20.06.19
162.	5854	Kalpana S, D/O Shanmugiah K, Perriavurai Estate, Top Division, Munnar P.O, Idukki – 685612.	Dr. T Vijayalakshmi; Former Head, Department of Tamil, University of Kerala, Thiruvananthapuram.	Tamil	The Oral Traditions of the Tribals of Idukki District ; A Critical Study	20.06.19
163.	6145	Parvathy Chandran; Chandralayam, T.C.15/1839(1), VRAB-103, Vazhuthacadu, Thiruvananthapuram.	Guide: Dr. Asha G; Assistant Professor, Department of Hindi, Government College for Women, Thiruvananthapuram. Co-Guide: Dr.P.Letha; Associate Professor(Rtd), Department of Hindi, Government College for Women, Thiruvananthapuram.	Hindi	KERAL KI HINDI AUR MALAYALAM KAVITHA-ON MEIN PAARISTHITIKI [ASSI KE BAAD]	18.07.19
164.	6262	Pavana C G, Sree Krishna Vilas, Chavarcodde, Parippally P O, Kollam, Pin: 691574	Dr.S.Leela Kumari Amma; Associate Professor & Head (Rtd.), Department of Hindi, S.N. College, Kollam.	Hindi	SHASHIPRABHA SHASTRI KE KATHA SAHITYA KA SAMAJSHASTRIYA ADHYAYAN	18.07.19
165.	6343	Aswathi R.P.Nair ; Aardram, T.C 43/511, Aryankuzhi, Kamaleswaram, Manacaud P.O.	Dr. K. Jyothish Kumar; Associate Professor, Department of Malayalam, M.G.College, Thiruvananthapuram.	Malayalam	മലയാളത്തിലെ രാഷ്ട്രീയ ആത്മകഥകൾ - തെരഞ്ഞെടുത്ത കൃതികളെ ആസ്പദമാക്കി ഒരു പഠനം	18.07.19
166.	6161	Asadevi G ; Thekkekarethu House, Kallimel P.O, Mavelikkara -690 509.	Dr. Anand Dilip Raj; Assistant Professor, Department of Sanskrit, University College, Thiruvananthapuram.	Sanskrit	The Cultural aspects as reflected in Vamanapurana	18.07.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
167.	6167	Nithya P ; Kunnuvila Veedu, Pazhangalam, Nallila P.O., Kollam – 691 515.	<b>Dr. Sujith S;</b> <b>Assistant Professor,</b> <b>Department of Vyakara-</b> <b>rana,</b> Govt. Sanskrit College, Thiruvananthapuram.	Sanskrit	Concept of Prayascitta in Yajnavalkya Smrti	18.07.19
168.	6291	Unnikrishnan S; Sreesylam, Iringalloor, Guruvayoorappan College P O Calicut – 14	Dr. A M Unnikrishnan; Associate Professor in Malayalam, School of Distance Education, University of Kerala.	Malay- alam	സൂര്യ ബിംബങ്ങൾ മലയാള കവിതയിൽ - കമാരനാശാൻ, ജി. ശങ്കരക്കുറുപ്പ്, ഒ . എൻ. വി, സച്ചിദാനന്ദൻ എന്നിവരുടെ കവിതകളെ ആസ്പദമാക്കി ഒരു പഠനം	08.08.19
169.	5964	Thiruvengadam S; Mattukkadai, K.K.Pathi(P.O.), Chittur(Taluk), Palakkad(Dist)- 678101.	Dr.O.Padmakumari; Assistant Professor and Head(Rtd), Dept. of ORI & MSS Library, University of Kerala	Tamil	AkasthesarVait- tyam1500-Critical edition and Study	08.08.19
170.	6285	A Shyla Helin; EL - Shaddai, TC 7/2283(1), Edavacode East, Sreekariyam P O, Thiruvananthapur- am -17	Guide : Dr. S Haseena; Assistant Professor, Department of Tamil, University College, Thiruvananthapuram Co- Guide : Dr. B. Pushpa Dean, Faculty of Fine Arts, University of Kerala.	Tamil	INFLUENCE OF CHI- LAPPATHIKARAM ON KARUNAMIRTHA SAGA- RAM – A STUDY	08.08.19
171.	6417	Sugumari Rajam R; No.36, NorthStreet, Chinthamani, Melagaram P.O., Tenkasi, Tirunelve- li, Tamilnadu.	Dr. P. Jeyakrishnan; Assistant Professor, Department of Tamil, University of Kerala.	Tamil	EVALUATION OF TAMIL AND MALAYALAM DIC- TIONARIES	08.08.19
172.	6097	Marlu Chandran; Kissan Nivas, Kovoor, Vayala P O, Anchal, Kollam - 691306	Dr. Asha G; Assistant Professor of Hindi, Govt. College for Women, Trivandrum	Hindi	Dr.JAYAPRAKASH KAR- DAM KE SAHITHYA MEIN SAMAJIK KRANTI	31.08.19
173.	6188	Saritha K.G TC 42/1468, SKRA-192,A Sreevaraham, Manacaudu P.O, Thiruvananthapu- ram	Dr. Asha.G; Assistant Professor in Hindi Government College for Women Trivandrum	Hindi	Anamika Ki Kavitha – Ek Adhyayan : Stree Sakthi- karan Ke Vishesh Sandarbh Mein.	31.08.19
174.	6327	Resmi K R; Jaya- deepam, Eanikkara, Karakulam P.O Trivandrum – 695 564	Dr. S. Sunilkumar; Assistant Professor, Department of Hindi, University College, T- VM	Hindi	Prathap Sahagal ke Na- tak - Ek vishleshanathmak Adhyayan	31.08.19

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175.	6053	Parvathy Prasad. S; Mangalya, Neduvilakkara, Udayanalloor P.O, Kollam.	Dr. Rose Mary. A; Associate Professor (Rtd.), Department of Linguistics, University of Kerala, Kariavattom	Linguistics	Verb Morphology of Malayalam - A Historical Study	31.08.19
176.	6078	P. Paul Murugan; Mullai Nagar, South Street, Thimminayakan Patti, Pottipuram P.O., Silamarathuppatti, Uthamapalayam, Theni(Dist), Tamilnadu -625528.	Dr. N.A.Arunagiri; Assistant Professor in Tamil, University College, Palayam.	Tamil	Art of Nanjil Nadan's Novels	31.08.19
177.	6217	Bichu K L; Krishna Nivas, TC 6/933 (2), MMRA – 4, Manchadimoodu, Vattiyookavu P O, Thiruvananthapuram- 695013	Dr. C. S. Suchith; Assistant Professor, Department of Hindi, University of Kerala, Kariavattom,	Hindi	SURENDRA VERMA KI RACHNAYEM: EK VISLESHNATMAK ADHYAYAN	30.10.19
178.	6273	Lekshmi. G Visakhham,PRA-II, Mannarathala Lane, Valiyavila, Vattiyookavu P.O, Pin-695013	<u>Guide</u> Dr. Latha.D; Assistant Professor, Department of Hindi, Govt. College for Women, Thiruvananthapuram. <u>Co-Guide</u> Dr.C.J.Presanna Kumari, Associate Professor & HOD(Rtd), Department of Hindi, Govt. College for Women, Thiruvananthapuram	Hindi	MADHU KANKARIYA KE UPANYAS : BADELTHE BHARATIY SAMAJIK SANDARBH MEIN	30.1019
179.	6290	Preena Varghese M S; Priya Cottage, Viraly, Uchakkada P.O, Pin- 695 506	Dr. Ganesh. M; Assistant Professor in Hindi, Govt.Arts College, Thycaud, Thiruvananthapuram.	Hindi	NARIVADI UPANYAS : DO HAZAR KE BAD KE SANDARBH MEIN	30.10.19
180.	6319	Nimisha G Pillai; Saraswathy Vilasom, Parayil Road, Oyoor P.O, Kollam- 691510	Dr. Manju Ramachandran; Assistant Professor, Department of Hindi, University College, Thiruvananthapuram.	Hindi	NARI MUKTI CHETANA KI NAYI VAICHARIKI – MAITREYI PUSHPA, RAJI SETHAUR NASIRA SHARMA KI KAHANIYON KE VISHESH SANDARBH MEIN	30.1019
181.	6330	Chithrabindu.S; Thyvila House, Perukavu P.O, Thiruvananthapuram	Dr. Shamli M.M; Assistant Professor, Department of Hindi, University College, Thiruvananthapuram	Hindi	Swayamprakash Ka Katha Sahithya: Ek Vishleshanatmak Adhyayan	30.1019



Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
182.	6454	Ohood Ali Mohammed Saif Al – Nakeeb; Research Scholar, Department of Linguistics, University of Kerala, Kariavattom	Dr. Kunjamma. S; Associate Professor, Department of Linguistics, University of Kerala, Kariavattom	Linguistics	Ideology in Qais Ghanem's Novels: A Feminist Stylistic Analysis	30.10.19
183.	6054	Linta G. Danam; Gladston Mandiram, Pazhayakada, Neyyattinkara, Thirupuram -695133	Dr. G. Padma Rao; Professor, Department of Malayalam, University of Kerala, Kariavattom, Thiruvananthapuram.	Malayalam	കാർഷികജീവിതം മലയാളചെറുകഥയിൽ: തെരഞ്ഞെടുത്ത രചനകളെത്തുടർച്ചയായി ഒരു അന്വേഷണം	30.10.19
184.	6209	Smitha Prakash; Smitha Bhavan, Alamcode. P. O, Attingal.	Dr. M. S. Suchithra; Associate Professor & Head, Department of Malayalam, Sree Narayana College, Kollam	Malayalam	ജനപ്രിയനാടകം മലയാളത്തിൽ- പറമ്പൂർ ജോർജിയുടെ നാടകങ്ങളെ തുടർച്ചയായി ഒരു പഠനം	30.10.19
185.	6120	Shaji Mathew Vadakkam; Gopalamandiram, Thenguvilaveedu, Pallichal, pravachampalam, Nemom P.O	Dr. S.S. Vivekanandan; Assistant Professor & Head, Department of Nyaya Government Sanskrit College, Thiruvananthapuram.	Sanskrit	Naishkarmyasiddhi of Suresvaracarya – A Study	22.11.19
186.	6079	Vinod N.S; Vinod Bhavan, Koottapana, Vazhuthoor, Neyyattinkara P.O, Thiruvananthapuram	Dr.Prasad P.N; Assistant Professor, Department of Sanskrit, University College, Thiruvananthapuram	Sanskrit	CONCEPT OF SŪMĀNYA IN NYĀYAVAIŚĪKĀ PHILOSOPHY	28.12.19
187.	6164	Sreelaja P. V; Aranya 205-A, Nadakkavu lane, Thiruvananthapuram.	Dr. Prakash. A; Assistant Professor & HOD, Department of Hindi, Govt. Brennan College, Thalassery – 670 106	Hindi	S.R.HARNOT KA KATHA SAHITHYA : VISLESHNAT- MAK ADHYAYAN	28.12.19
188.	6191	Nritha.S; Sree Nilayam, Alamkode, Nettirachira, Nedumangad P.O, Thiruvananthapuram.	Dr. Prakash. A; Assistant Professor & HoD, Department of Hindi, Govt. Brennan College, Thalassery – 670 106	Hindi	ASSIYOTTAR HINDI NA- TAKOM MEIN LOKTATVA: EK VISHLESHNATMAK ADHYAYAN	28.12.19
189.	6193	Archana Devi. B. R; Ajith Bhavan, Kizhakkevila, Kudappanakkunnu P.O, Thiruvananthapuram	Dr. Prakash. A; Assistant Professor & HoD, Department of Hindi, Govt. Brennan College, Thalassery – 670 106	Hindi	PRAVASI BHARATIY SAHI- TYAKARON KI HINDI KAH- ANIYON KA VISHLESH- NATMAK ADHYAYAN	28.12.19

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190.	6219	Chitra. B; Chitralayam, Pilapuzha, Haripad P. O, Alappuzha.	Dr. Sheeba M. R; Assistant Professor, Dept. of Hindi, S. N College for Women, Kollam.	Hindi	A comparative study of the Memoirs of Mahadevi Varma and Madhavikutty	28.12.19
191.	6229	Asha SS; ValiyavilaputhenVeedu, Madathikonam, Veeranakkavu P.O	Dr. Ushakumari K.P; Assistant Professor, Department of Hindi, M.G College, Thiruvananthapuram	Hindi	Sattothari Hindi Upanyasom mein Krishi Sanskrithi	28.12.19
192.	6234	Anu Krishnan.L; Hill View,Kovoor, Palayamkunnu P.O, Varkala, Thiruvnanthapuram	Dr. Asha S Nair; Assistant Professor & HOD, Department of Hindi, N.S.S. College for Women, Trivandrum	Hindi	Naari Ke Vibhinna Roop-Sanjeev Ki Kahaniyom mein	28.12.19
193.	6045	Biji. M; Hema Cottage, Pallithura P.O, Thiruvananthapuram.	Dr. Rose Mary. A; Associate Professor (Rtd.), Department of Linguistics, University of Kerala.	Linguistics	Reading Disorder seen among School Children from the age of 10-16 with Special Reference to Dyslexia	28.12.19
194.	6348	Joly S; G.C.T.E. Staff Quarter, No.2, M.G.R.Lane, Near Sastham Kovil, Thycaud, Thiruvananthapuram.	Dr. B.V. Sasi Kumar; Associate Professor(Rtd), Department of Malayalam, University of Kerala.	Malayalam	ആർ.നരേന്ദ്രപ്രസാദിന്റെ നാടക സങ്കല്പം	28.12.19
195.	5805	Sunithra G S; Adibhadram, Nanniyodu, Pacha P.O., Palode, Thiruvananthapuram.	Dr. S. Rajasekharan; Former Pro-Vice-Chancellor, Sahithi, 42 Sastha Gardens, Thycaud, Thiruvananthapuram.	Malayalam	കഥയിലെ സ്ത്രീപക്ഷം: സാറാ ജോസഫ്, ഗ്രേസി, ചന്ദ്രമതി എന്നിവരുടെ കഥകളെ ആസ്പദമാക്കി ഒരുപത്രമനം	28.12.19
196.	6016	Subin Raj S.S; S.S Vilas, Pulimoodu, Edacode, Nemom P.O, Thiruvananthapuram.	Dr. K. I Razeena; Associate Professor, Department of Physical Education, Iqbal College, Peringammala, Trivandrum	Physical Education	PERSONALITY DIMENSIONS, MENTAL TOUGHNESS AND ATHLETE SATISFACTION ON OPEN AND CLOSED SKILL	22.01.19
197.	6360	Biju Kumar. S; Pulimoottil Veedu, Kudavoor P O, Thiruvananthapuram-695 313	Dr.Razia K I; Associate Professor, M S M College, Kayamkulam	Physical Education	COMPARISON OF SELECTED ANTHROPOMETRIC, PHYSICAL, PHYSIOLOGICAL AND PSYCHOLOGICAL FACTORS OF MALE AND FEMALE KHO KHO PLAYERS IN THE STATE OF KERALA	30.10.19
198.	6130	Shinil James; Chathanattu House, Arivilanjapoil P.O, Alakode(Via), Kannur	Dr. Usha Sujit Nair; Dean, Faculty of Physical Education, University of Kerala	Physical Education	Effect of Comprehensive exercise programme on Functional capacity Physical Fitness Components And Depression of Arthritis Patients	22.11.19

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199.	6086	Binnie Mathew; Bettie Bhavan, Ponnrakonam, Kuttichal P.O, Thiruvananthapuram	Dr.Greeshmalatha A P; Associate Professor and Head, P G Department of History, S N College, Chempazhanthy	History	The Second World War And Travancore: A Historical Interrogation	22.01.19
200.	6083	Nija S ; Naji Manzil, Kalathara, Man- chaP.O, Nedumangdu.	Dr.P.Anilkumar; Assistant Professor, P.G.Department of History, Iqbal College, Perin- gammala, Trivandrum	History	Subaltern writings and the freedom Struggle in Kerala- A Critical Analysis	01.02.19
201.	6129	Simi S; Vishu, T C 2/78, Kakkanadu Lane, Kesavadasapuram, Pattom, Thiruva- nanthapuram	Dr.G.Sreenivasan; Associate Professor, P G Department of History, S N College, Chempazhanthy	History	CASTE, TRADITION AND WOMEN IN VENAD ( 1677 To 1758 A D)	01.02.19
202.	6235	Vijaya Kumari. K; Appus, T C 92/1272, S L R A – 5, S K Lane, Kallumoodu, An- ayara.	Dr.V.Sathish; Associate Professor and Head, Department of History, University of Kerala.	History	KORAGAS OF KASARA- GOD: EDUCATION, SOCIAL CHANGE AND CULTURAL IDENTITY	01.02.19
203.	5549	Manju S; Manju Vilasam, Vellankudi, Panavoor.P.O, Thiruvananthapu- ram	Dr.Jadeeda A; Associate Professor (Rtd), Department of History, University College, Trivandrum.	History	Violence Against Women In Kerala: A Study of Its Causes	19.02.19
204.	6110	Ajitha A; Kalakuzhivadak- kethattu Puthenv- eede, Kottamam, Dhanuvachapuram	Dr.Sathiyaraj A; Associate Professor, Department of History (Rtd), FMN College, Kollam	History	Development of theCochin Port: A Study on Socio- economic and environmental dimensions	19.02.19
205.	6237	Aranya K Sasi; Sunaja Bhavan, Swathy Nagar, Mottamoodu, Naruvamoodu, Thiruvananthapu- ram	Dr.P.Anilkumar; Assistant Professor, P.G.Department of History, Iqbal College, Perin- gammala, Trivandrum	History	HISTORICISING TRANSI- TIONS IN DRESSING PATTERNS OF WOMEN IN TRAVANCORE-1800-1949.	11.03.19
206.	6345	Rajitha T; Udaya Bhavan, Paruthichakonam, Balaramapuram.P.O	Dr.S.Venumohan; Assistant Professor in History, School of Distance Education, University of Kerala	History	Women, Civil Society and freedom struggle in Travancore: A Saga of Em- powerment	11.03.19
207.	5818	Athira P; Arya Nivas, Chempakamanga- lam, Korani P.O	Dr. Sobha B Nair; Head, Department of Sociol- ogy, University of Kerala.	Sociol- ogy	SOCIAL DETERMINANTS OF LIFESTYLE DISEASES AMONG MIDDLE AGED PERSONS IN URBAN KERALA	11.03.19

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208.	6224	Smitha Pavianose; Agape, Perumaram, Vizhinjam P O, Thiruvananthapuram Pin: 695521	Dr. Christabell P J; Assistant Professor, Department of Futures Studies, University of Kerala, Kariavattom	Economics	Dimensions of Urban Poverty in Kerala: Its Incidence, Extent and Patterns	28.03.19
209.	6028	Angel Thomas; Kollasserilthekethil, Kulanada P.O, Pandalam, Pathanamthitta.	Dr. Immanuel Thomas; Professor & Head (Rtd), Department of Psychology, University of Kerala.	Psychology	Efficacy of an empowerment programme in the safety behaviour of girl children in primary schools against child sexual abuse	28.03.19
210.	6031	Jisha P R; VP 16/458,Punartham, Pirayil, Pallimukku, Peyad, Thiruvananthapuram	Dr. Immanuel Thomas; Professor & Head (Rtd), Department of Psychology, University of Kerala.	Psychology	Psychological and Social Impact of Infertility among married couples	28.03.19
211.	6198	Saisree K.G; Bhagyasthan, T.C.8/244-4, Thirumala P.O, Thiruvananthapuram, Pin – 695006.	Dr. M. Lathika; Associate Professor and Head (Rtd), Department of Economics, NSS College for Women, Neeramankara, Thiruvananthapuram.	Economics	Health Care System in Kerala: Growing Challenges before a Responsible State	30.04.19
212.	6388	Divya S; Suresh Bhavanam, Thuvayoor South P O, Pandi Malappuram, Pathanamthitta.	Dr.S.Venumohan; Assistant Professor in History, School of Distance Education, University of Kerala	History	HISTORICISING THE STRUGGLES OF AYYANKALI IN THE MAKING OF MODERN KERALA	30.04.19
213.	6037	Sumesh N; Chaithram, Darsana Nagar 223, Pattathanam P.O. Kollam – 691 021.	Dr. Josukutty C.A; Assistant Professor, Department of Political Science, University of Kerala	Political Science	Dalit Politics in Kerala: State, Class and Identity	30.04.19
214.	6221	Fresnal Das, Nikunjam, Kulapurayidom, ERA – 11,Eravipuram, Kollam, Pin - 691011	<b>Dr. Raju S, Professor (Rtd.), Department of Psychology, University of Kerala, Kariavattom, Thiruvananthapuram</b>	Psychology	Psychosocial Impact of Skepticism on Social Networking behaviors among College Students	30.04.19
215.	5918	Shalini K; House No: 131, Sree Krishna Nagar, Ashramam, Kollam	Dr.Antony Palackal; Associate Professor, Department of Sociology, University of Kerala.	Social Work	Gender Dimensions of HIV/AIDS among Infected Women	30.04.19

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216.	6101	Dhanya M; Padma Prasanth, Ashtamudi, Ashtamudi P.O., Kollam – 691602.	Dr.S.R.Sheeja; Assistant Professor of Economics, School of Distance Education, University of Kerala, Thiruvananthapuram.	Econom- ics	Dimensions of Employment in IT Sector in Kerala: A Study Based on Decent Work Indicators	25.05.19
217.	6169	Binukumar B.J; Binubhavan, Vellannickal, Aliyadu P.O, Venjaramoodu – 695607.	Dr. Abdul Salim A; Professor and Head, Department of Eco- nomics, Kariavattom, University of Kerala, Thiruvananthapuram.	Econom- ics	Impact of Globalisation on Socio-economic conditions of women cashew workers in Kerala	25.05.19
218.	6336	Vineetha T; Flat No : 11 – D, Nikunjam I Park, Kazhakuttom P .O, Kazhakuttom, Thiruvananthapu- ram.	Dr. Jomon Mathew; Assistant Professor, Dept. of Economics, University College, Thiruvananthapuram	Econom- ics	Poverty and Marginalisation : A Study of Fishing Com- munity in Kerala	25.05.19
219.	6428	Soumya R S; Lekshmi Bhavan, Kottavila, Mundela.P.O, Vellanadu- 695 543	Dr.S.Venumohan; Assistant Professor in History, School of Distance Education, University of Kerala	History	REVISITING TRAVAN- CORE'S SOCIO-CULTURAL HISTORY AND THE IM- PACT OF THE TRANSPOR- TATION SYSTEM	25.05.19
220.	6443	Sanitha Beevi A; Sajitha Manzil, Erappil, Man- code.P.O, Chithara, Kollam- 691559	Dr.Greeshmalatha A P; Associate Professor and Head, P G Department of History,S N College, Chempazhanchy	History	Re- Reading of Kanikkars in Thiruvananthapuram District – A Quest from Tribalism to Modernity	25.05.19
221.	6065	Mohanakumaran Nair. K ; SRA 59, Old P.O Lane, Nalanchira P.O, Thiruvananthapu- ram.	Dr. R.K Suresh Kumar; Reader & HOD (Rtd), Department of Political Science, University College, Thiruvananthapuram	Political Science	Electoral Performance of the Congress Party in Thiruv- nanthapuram District – A Case Study	25.05.19
222.	6066	Afseer K P ; Darul Eanas, Chavassery P.O, Kannur – 670 702.	Dr. Sonny Jose, Head, Department of Social Work, Loyola College of So- cial Sciences, Thiruvananthapuram	Social Work	Performance Indicators for Corporate Social Respon- sibility Projects: A Tool Development Study	25.05.19
223.	6321	Aparna S; Maalgudi(H), 99 A.Mythri Nagar, Poojappura, Trivan- drum	Dr.S.Venumohan; Assistant Professor in History, School of Distance Education, University of Kerala.	History	POST COLONIAL MALAY- ALAM CINEMA AND SO- CIAL TRANSFORMATION: A POPULAR CRITIQUE	12.06.19
224.	6048	Praveen P; Revathy Bhavan, Pulappakavuvila, Kalliyoor P.O., Thiruvananthapur- am – 695042.	Dr.S.Thajudeen; Professor of Econom- ics(Rtd), School of Distance Education, University of Kerala, Thiruvananthapuram.	Econom- ics	Higher Education in Ker- ala: A Comparative Cost Analysis of Graduate level Technical Education under Public and Private Sector	20.06.19

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225.	6322	Sajini P; Krish Compound, Vigilance Office Road, Kunjalumoodu, Karamana.P.O, Thiruvananthapuram	Dr.V.Sathish; Associate Professor and Head, Department of History, University of Kerala.	History	Making of Gender Identities in Colonial Travancore	20.06.19
226.	6401	Anjana R T; R T Cottage, Arkkannoor.P.O, Ayur, Kollam- 691533	Dr.S.Venumohan; Assistant Professor, School of Distance Education in History, University of Kerala.	History	RE-EXAMINING EXTREMISM IN KERALA'S FREEDOM STRUGGLE; A SAGA OF UNSUNG SACRIFICE	20.06.19
227.	6133	Sanaz Sadeghibaghdadabadi; Flat No. 6D, SFS Water scapes, Attipra Panchayath, Kazhakootam, Trivandrum	Dr. M.S Jayakumar; Assistant Professor, Department of Sociology, University of Kerala.	Sociology	SOCIO-ECONOMIC DETERMINANTS AND EFFECTS OF EMIGRATION: THE SITUATION OF FEMALE NURSES FROM KERALA, INDIA	20.06.19
228.	6311	Pradeesh Kumar S, Soorya, TC 68/2381 (1), Undathara, Thiruvallam P O, Thiruvananthapuram.	Dr.PriyeshC.A; Assistant Professor, Department of Economics, University College, Thiruvananthapuram	Economics	Economic and Social Impact of Road Accidents in Kerala	18.07.19
229.	6339	Thomas P John; Pazhamannil, B N R A- 77 C, Benedict Nagar, Nalanchira.P.O, Trivandrum- 695015	Dr. Shaji A, Assistant Professor, Institute of Distance Education, University of Kerala	History	SITUATING THE MALANKARA SYRIAN CATHOLICS IN THE SOCIO-POLITICAL MILIEU OF MODERN KERALA – 1930-1994	18.07.19
230.	6310	Dibu Avirachan; Allumkal (H), Rajapuram.P.O, Poomamkandom, Idukki-685604	Dr.Shaji A; Assistant Professor, School of Distance Education, University of Kerala	History	PEASANT MIGRATION AND ECOLOGICAL TRANSFORMATION IN IDUKKI DISTRICT(1947-1980)	18.07.19
231.	6075	Abdul Shameer K; Kouyyodiyil House, Pannikkottur P.O, Koduvally, Kozhikode – 673 572	Dr. K.M Sajad Ibrahim; Associate Professor, Department of Political Science, University of Kerala, Kariavattom.	Political Science	United States' Attitude Towards the Palestinian Extremists in the Post Cold war Era	18.07.19
232.	6318	Ronie Thomas; TC 2/345, 6D Yamuna Flats, F-14, Pilla veedu Nagar, Pattom P.O, Thiruvananthapuram.	Dr. J. Prabhash; Professor(Rtd), Department of Political Science, University of Kerala	Political Science	Democracy, Human Rights and Media: A study on the Coverage of Human Rights Issues by Newspapers in Kerala (2007 – 2012)	18.07.19

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233.	6263	Tatiana Belousova, Gokulam KRA – 48, Kattuvila Road, Kariyam, Sreekariyam, Thiruvananthapuram.	Dr. J Prabhaskar; Professor (Rtd.), Department of Political Science, University of Kerala, Kariavattom.	Political Science	State, Public Policy and Internationalization of Higher Education in Kerala	18.07.19
234.	6199	Anitha Kumari T T ; Aswathy Nivas, B-20, Winners Nagar, Vazhayila, Peroorkada P.O, Thiruvananthapuram	Dr. Raakhee A.S; Assistant Professor in Psychology, S.N College, Chempazhanthy, Thiruvananthapuram	Psychology	Psycho – Social Problems of Adolescents with Hearing Impairment	18.07.19
235.	6279	Aruna U G ; 'Nandanam', Malayinkeezhu P O, Thiruvananthapuram.	Dr. Bushra Beegom R.K; Assistant Professor, Department of Sociology, University of Kerala, Kariavattom	Sociology	Women and Eco-friendly Practices: A study in Urban Kerala	18.07.19
236.	6189	Resmi R S; Kizhakey Panayilveedu, Oookkodu P.O, Nemom, Thiruvananthapuram	Dr.S.Jaseem; Former Director and Professor, Department of History, School of Distance of Education, University of Kerala	History	Evolution of Mother Goddess Cult in Kerala	08.08.19
237.	6057	Selvaraj. S; Selvabhavanam, Manthrikappulam, Kilikolloor P.O, Kollam – 691 004.	Dr. Jasseer. J; Assistant Professor & Head (Rtd.), Department of Psychology, University of Kerala, Kariavattom	Psychology	Psychosocial problems among participants in reality shows	08.08.19
238.	6352	Aswathy R; 'Soonam', KLRA – 1, Mundakkal East, Kollam – 691001	Dr. Jerry Alwin; Assistant Professor, Department of Economics, SN College, Sivagiri, Varkala.	Economics	Consumption Pattern of Kerala: A Study of Determinants	31.08.19
239.	6117	Gomathy L S; Gokulam, T C64/873(1), Kannankodu, Karumom, Trivandrum-695002	Dr.V.Sathish; Associate Professor and Head, Department of History, University of Kerala.	History	HISTORICISING TAMIL BRAHMIN MIGRATIONS AND SETTLEMENTS IN KERALA	31.08.19
240.	6438	Deepa M S; Thokkalaputhen Veedu, Mathira, Mathira.P.O, Kadakkal, Kollam- 691536	Dr.Mohammed Maheen A; Professor and Head, Department of History, University of Calicut.	History	Tribal Development in Kerala: Special Reference to Kanikkars in Trivandrum District	31.08.19

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241.	6288	Letha. R; Mannampallil, South Kochumuri, Oachira P.O, Alappuzha	Dr. Jitha S.R; Associate Professor & HOD, Department of Political Science, S.N College, Chempazhanchy, Trivandrum	Political Science	Citizen - Lower Level Bu- reaucracy Interface: A Study of Select Villages in Kerala	31.08.19
242.	6402	Wurok Chan Malith; Research Scholar in Sociology, University of Kerala	Dr. Sobha B Nair; Professor (Rtd.), Department of Sociol- ogy, University of Kerala	Sociol- ogy	Ethnicity and Identity for- mulation among Tribes: A Comparison between Kerala, India and Western Bahr El – Ghazal State, South Sudan.	04.10.19
243.	5995	Adarsh; Thevalasseril Illam, Cheruvallor, Kollakadavu. P. O, Alappuzha - 690509.	Dr. P K Varghese; Associate Professor & Head, Dept. of Economics, Bishop Moore College, Mavelikara.	Econom- ics	Agro-Processing Industry in Kerala : A case study of Rubber	30.10.19
244.	6227	Azad P; Assistant Professor, Dept. of Economics, MES Kalladi Col- lege, Mannarkkad, Pal- akkad.	Dr. Abdul Salim A; Professor, Honorary Director, IUCAE, Dept. of Economics, University of Kerala.	Econom- ics	Labour Market, Well-being and Public Policy: A Study of Return Emigrants in Kera- la from Gulf	30.10.19
245.	6407	Sreejith A; Kollayil House,, Poozhickad, Kudassanad P.O, Pandalam, Pathana- mthitta	Dr.Manju.S.Nair; Associate Professor, Department of Eco- nomics, University of Kerala.	Econom- ics	Financial Inclusion: An analysis of the role of Scheduled Commer- cial banks in Kerala	30.10.19
246.	6409	Anupama Augus- tine; Jasmin Villa, Cheruvatoorpotta, Parasuvakki P.O.,- 695508.	Dr.Manju.S.Nair; Associate Professor, Department of Eco- nomics, University of Kerala.	Econom- ics	Civil Society and State: Role of Strategic Association for Social Development - A Study of Sickle Cell Anemia Patients in Wayanad	30.10.19
247.	6300	Remesh Kumar M H; Kottarathil Illam, Keerikkad South, Kayamkulam.P.O- 690502, Alappuzha.	Dr.T.Jamal Mohammed; Principal (Rtd), Mannania College, Thiruvananthapuram	History	A Study on the contribution of E.M.S Namboodiripad to Historiography	30.10.19
248.	6442	Biji Kumary P; Sree Vilasom, Near Jyothi School, Karavalavu, Nedumangad- 695541	Dr.Anilkumar P; Assistant Professor, Department of History, Iqbal College, Perin- gammala, Thiruvananthapuram.	History	Space of Women in Kerala Plantations- A Historical Quest for Social Security and Empowerment	30.10.19
249.	6495	Adabiya H; Konathu Veedu, Nadayara, Varkala P.O, Thiruvananthapur- am-695 141	Dr.Shaji A; Associate Professor, School of Distance Education, University of Kerala	History	HISTORICISING THE MARITIME RELATIONS OF KOLLAM	30.10.19



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250.	6358	Archana Chandran; Mudra – 94, Mudavanmugal, Poojappura, Thiruvananthapuram.	Dr. Bindu P; Assistant Professor, Department of Psychology, University of Kerala.	Psychology	Family Functioning as a mediator in the relationship between Emotional Intelligence and Coping style of Young Adults	30.10.19
251.	6461	Teshome Abera Tessema; Research Scholar in Sociology, University of Kerala	Dr.Sobha B Nair; Professor, Department of Sociology, University of Kerala	Sociology	Significance of Indigenous Knowledge for Life Skill Development: A Sociological Analysis of School Curriculum in Addis Ababa, Ethiopia	30.10.19
252.	6362	Aparna Das; Venattil House, Indira Nagar Road, Peroorkada, Thiruvananthapuram.	Dr. M. Jayaprakas; Director, College Development Council, University of Kerala, Thiruvananthapuram	Economics	Biofuel Production: A Study with reference to Fuel Ethanol Production in Sugar Mills of Maharashtra	22.11.19
253.	6485	Reeja R; Aneesh Bhavan, Mundakkal East, Kollam.P.O- 691001	Dr.S.Venumohan; Assistant Professor in History, School of Distance Education, University of Kerala	History	Women And Freedom Movement in Travancore : Re Imagining The Role of Annie Mascarene	22.11.19
254.	6346	Likhitha K; Kuzhinhupokkil(H), Kottopiadam(P.O) Palakkad – 678583.	Dr. A. Abdul Salim; Professor & Head(Rtd), Department of Economics, Karaivattom, Thiruvananthapuram.	Economics	Socio-Economic Dimensions of In-migration in Kerala: A Study of Native Construction Workers	28.12.19
255.	6470	Smitha K; Mekkat Illam, KRWA- 158 B Kavallur Lane, Vattiyoor kavu P.O. Thiruvananthapuram	Dr. G.L. Arunjilal; Associate Professor & Head, Department of Economics, University College, Thiruvananthapuram.	Economics	INFORMATION COMMUNICATION TECHNOLOGY DEVELOPMENT IN KERALA: A STUDY ON PLANNING, IMPLEMENTATION AND BENEFICIARY ASPECTS OF E-GOVERNANCE	28.12.19
256.	6155	Reji J R; Nandanam, Thyabji Junction, Koonayil, Paravoor P O, Kollam	Dr. Biju Lekshmanan; Assistant Professor, Department of Political Science, University College, Thiruvananthapuram	Political Science	Role of Civil Society in Urban Governance : A Study of Residents Associations in Kerala	28.12.19
257.	6383	Archa Arun; Nakshatra, A – 70-A, Mangad Nagar, Mangad P O, Kollam	Dr. Suresh R; Associate Professor, Department of Political Sciences, University of Kerala, Kariavattom.	Political Science	Land Alienation, Marginalisation and New Social Movements in Kerala; Case Studies of Land Struggles in Muthanga and Chengara	28.12.19
258.	6446	Arun Shanoj D.S; Dhanya House, Vatakara, Kozhikode.P.O	Dr.Joseph Antony; Associate Professor (Rtd), Department of Political Science, University of Kerala, Kariavattom	Political Science	Politics of India's Energy Security: Issues and Prospects	28.12.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
259.	6223	Jini K Gopinath; Arackal House, Marampilly P.O, North Vazhakulam, Aluva – 683 107	Dr. Rita Krishnan; Associate Professor & Head(Rtd), Department of Psychology, University College, Thiruvananthapuram	Psychology	Efficacy of Vedic Mathematics Training in Specific Learning Difficulty in Mathematics	28.12.19
<b>FACULTY OF SCIENCE</b>						
260.	9594	Arunkumar B Kunnumpurathu Veedu Manchaplakkal Alamcode P. O. Attingal	Dr. Annette Fernandez Associate Professor and Research Guide Department of Chemistry College of Engineering Trivandrum	Chemistry	DEVELOPMENT, SYNTHESIS AND STUDIES ON SOME NATURALLY OCCURRING HYDROXYQUINONES AS POTENT B-RAF INHIBITORS IN MELANOMA AND AS BCL-2 INHIBITORS IN LYMPHOMA	22.01.19
261.	9577	Shanavas Khan J "Firdous" Near Anchal Muslim Jamath Anchal, Kollam	Dr. Beena. B Associate Professor Dept. of Chemistry D. B College Sasthamkotta	Chemistry	EVALUATION OF POLYANILINE NANOCOMPOSITES OF TiO <sub>2</sub> AND ZnO FOR ENVIRONMENTAL REMEDIATION	22.01.19
262.	9582	Suma M. S Sreemangalam T.C. 79/354(2) Oruvathilkotta Anayara P.O. Thiruvananthapuram	Dr. S. M. A. Shibli Department of Chemistry University of Kerala Kariavattom Campus	Chemistry	Studies on microbial induced corrosion inhibition by <i>Pseudomonas putida</i> based bacterial culture for protection of industrial alloys in neutral aqueous medium	22.01.19
263.	9500	Dhanya C Shine Nivas Opp. Mosque Attingal P.O. Thiruvananthapuram – 695101	Dr. Devi Priya V Associate Professor Department of Botany S.N. College, Chempazhanchy	Botany	Comparative Systematics of two Solanaceous genera-Datura Linn. And Brugmansia Pers.	22.01.19
264.	9612	Sheeja Y. B Thankam Cottage Ettichivila Ayira P O	Dr. Laija S Nair Assistant Professor Dept. of Botany University College Dr. Oommen P Saj(- Co-Guide) Former Principal Govt. College Ambalappuzha	Botany	PHYTOCHEMICAL AND PHARMACOLOGICAL EVALUATION AND CONSERVATIVE METHODS OF ANDROGRAPHIS ELONGATA (VAHL) T. ANDERSON A PANACEA OF NANCHI-NAD	22.01.19
265.	9501	Smitha S. Nair Padinjathathil House Koonthalloor Chirayinkeezhu P.O Pin – 695304	Dr. Devi Priya V Associate Professor Department of Botany S.N. College, Chempazhanchy	Botany	Analysis of infraspecific variations in <i>Jasminum sambac</i> (L.) Ait for diversity characterization	22.01.19
266.	9609	Lekshmi. S Thadathivila Puthenveedu Vidya Nagar-31 Karicode P.O Kollam	Dr. Mary Teresa P Miranda Associate professor and HoD(Rtd) Department of Zoology Fatima Matha National College Kollam	Zoology	PLANKTON COMMUNITY STRUCTURE AND DYNAMICS ALONG THE COAST OF ARTHUNKAL IN KERALA, SOUTH WEST COAST OF INDIA	22.01.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
267.	9450	Preethi C. S Chandrakantam Ambalathunada Mukkolackal P.O. Thiruvananthapuram -43	Dr. E. Krishnan Head Department of Mathematics (Rtd) University College Thiruvananthapuram	Mathematics	REGULAR SEMIGROUPS AND REGULAR RINGS	22.01.19
268.	9568	Rajesh Kumar T. J Jayabhavan Kattukarikkakam Punkummoodu Vencode P.O, Vattappara Thiruvananthapuram	Dr. Mathew Varkey T. K Assistant Professor Department of Mathematics T. K. M. College of Engineering Kollam	Mathematics	A study regarding certain labeling problems in Graph Theory	22.01.19
269.	9573	Divya. P. S Divyalayam Kakkodu P.O. Punalur, Kollam Pin - 691331	Dr. F. G. Benno Pereira Assistant Professor Department of Zoology University of Kerala Thiruvananthapuram	Aquatic Biology and Fisheries	PERCHLORATE ENVIRONMENTAL PROBLEMS AND TOXICITY STUDIES ON FISHES	22.01.19
270.	9618	Smt. Manju Baby I. Manju Vilasom Kovoor, Vayala P.O. Anchal, Kollam Pin-691306	Dr. K. K. Sabu Senior Scientist Biotechnology and Bioinformatics Division J.N.T.B.G.R.I. Dr. P. J. Mathew (co-guide) Scientist F and Head (Rtd) PGR Division Jawaharlal Nehru Tropical Botanic Garden and Research Centre, Palode	Botany	Biosystematic studies on intraspecific variants of <i>Hellenia speciosa</i> (J. Koenig) S.R. Dutta with special reference to the variants occurring in Kerala	01.02.19
271.	9461	Asha R. Kochayyathu Vada-kathil Maru North Alumkadavu P.O. Karunagappally Kollam – 690573	Dr. K. Santhosh Kumar Dean Scientist F Tropical Disease Biology RGC, Thiruvananthapuram	Chemistry	Effect of PEGylation and fatty acid acylation on the membrane perturbation activity of AMP	01.02.19
272.	9586	Sreebha A. B. Naraniyat Illam Farook College P.O. Feroke, Kozhikkode	Dr. V. P. Mahadevan Pillai Vice Chancellor University of Kerala Thiruvananthapuram	Physics	Synthesis of efficient photopolymer materials for holographic applications and fabrication of holographic optical elements to use in conjunction with solar cells	08.02.19
273.	9596	Riyas A Chekkalayil Veedu Bodhi Nagar – 99 Palathara, Thatamala P.O Kollam -20	Dr. K. Geetha Associate Professor Department of Mathematics T.K.M. College of Engineering Kollam	Mathematics	A STUDY ON HAMILTONIAN CYCLES IN CAYLEY GRAPHS OF CERTAIN GROUPS AND SEMI-GROUPS	08.02.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
274.	9585	Sasikala V Karipuzha P. O. Mavelikkara, Alappuzha Kerala - 690103	Dr. D. Sajan Assistant Professor Department of Physics Bishop Moore College Mavelikkara	Physics	Growth and vibrational spectral characterization of some efficient organic non-linear optical materials	19.02.19
275.	9643	Sandeep K. Sandeep Bhavan Poovathoor (West) Mavadi P.O. Kollam - 691507	Dr. Sam Solomon Associate Professor Department of Physics Mar Ivanios College Thiruvananthapuram	Physics	Synthesis and characterization of titanium substituted functional ceramics	19.02.19
276.	9429	Asha Susan Chacko CSIR-NIIST Industrial Estate P. O. Pappanamcodu Thiruvananthapuram	Dr. V. S. Prasad Principal Technical Officer CSIR-NIIST Thiruvananthapuram  Dr. T. P. D Rajan (Co-Guide) Principal Scientist CSIR-NIIST Thiruvananthapuram	Chemistry	Synthesis and characterisation of polymeric Micro/Nano Morphologies by self assembly of Inorganic-Organic hybrid copolymer templates	19.02.19
277.	9601	Preethy Soosan Thomas Parampathu Parampil Vazhar Mangalam P.O. Chengannur, Alappuzha	Dr. Jayasree E. G Assistant Professor Dept. of Chemistry University of Kerala  Dr. K. Mohanan (Co-Guide) Emeritus Scientist Dept. of Chemistry University of Kerala	Chemistry	SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL STUDIES OF SOME TRANSITION METAL COMPLEXES	19.02.19
278.	9619	Meera George Chekkalavilayil URA-66(A) Nalanchira P.O. Thiruvananthapuram	Dr. Leenamma Joseph (Guide) Associate Professor and Head Department of Zoology Mar Ivanios College Thiruvananthapuram  Dr. V. S. Josekumar (Co-guide) Associate Professor (Retired) Department of Zoology Mar Ivanios College Thiruvananthapuram	Zoology	Pharmacological evaluation of <i>Pyrrhosia heterophylla</i> (L.) M.G Price; with special emphasis on hepatoprotective and other biomodulatory properties	19.02.19
279.	9607	Thanuja T. S TC 32/1044 (1) Beach P.O, Allsaints Thiruvananthapuram - 695007	Dr. Mary George Associate Professor and Head Department of Mathematics Mar Ivanios College, Thiruvananthapuram	Mathematics	FUZZY Mathematical Modeling of Multi-Objective Genetic Rule Based Systems	19.02.19
280.	9646	S. Sherin Shafeen Nivas Ottakkal P.O Kollam - 691308	Dr. Annie Abraham Professor of Biochemistry and Director of Research University of Kerala	Biochemistry	Multifunctional Nanoparticles for Drug Targeting in Atherosclerosis	19.02.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
281.	9458	Nancy John Nediyavila Veedu Chenkulam P.O. Kollam – 691510 Kerala	Dr. Nisha J Tharayil Associate Professor and HoD Department of Physics Sree Narayana College for women Kollam	Physics	Synthesis and Characterization of SnO <sub>2</sub> nanoparticles for optical and biological applications	11.03.19
282.	9455	Malu Somaraj Sreesivam, Ayiroor P. O. Varkala Thiruvananthapuram	Dr. Nisha J Tharayil Associate Professor and HOD Department of Physics Sree Narayana College for women Kollam	Physics	Synthesis and Characterization of $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> (Hematite) nanoparticles using different capping agents for various applications	11.03.19
283.	9529	Mahesh S. K Elluvila Veedu Ummannoor P.O. Kottarakkara Kollam - 691520	1)Dr. P. Prabhakar Rao Chief Scientist CSIR-National Institute of Interdisciplinary Science and Technology, Pappanamcode, Thiruvananthapuram 2) Dr. Peter Koshi (the Late) Scientist G, NIIST, CSIR, Thiruvananthapuram	Physics	Synthesis, Characterization and Photoluminescence Properties of Eu <sup>3+</sup> Ion-Activated Quaternary Pyrochlore Oxide Based Red Phosphors	11.03.19
284.	9518	Jayalekshmi G. L. Leela Mandiram Neduvila Junction Parippally P.O. Kollam-691574	Dr. Prince P. R Assistant Professor Department of Physics University College Thiruvananthapuram	Physics	A study on solar activity and characteristics of geomagnetic disturbances	11.03.19
285.	9536	Sumesh Gopinath North Elankamon House KVRA 339, Green Lane Kunnukuzhi, Vanchiyoor Thiruvananthapuram- 35	Dr. Prince P. R Assistant Professor Department of Physics University College Thiruvananthapuram	Physics	Investigations on various geophysical characteristics of solar wind –magnetosphere-ionosphere system and forecasting of related phenomena	11.03.19
286.	9553	Rinu Elizabeth Roy Mattathil (H) Kochumattom, Velloor P.O. Pampady, Kottayam - 686501	Dr. R. S. Rajeev Scientist/Engineer PSCD/PSCG/PCM VSSC, ISRO	Chemistry	Dependency of Processing Parameters on the Properties of Polymer Composites based on Carbon Nanomaterials	11.03.19
287.	9673	Jeeja Jaya Krishnan C/o K. Sasindran Pratheeksha (H) Pudupady Post Kozhikode - 673586	Dr. A. Gangaprasad Assistant Professor Department of Botany University of Kerala Dr. K. Satheeshkumar (Co-Guide) Principal Scientist and Head Biotechnology and Bioinformatics Division JNTBGRI, Palode Thiruvananthapuram	Botany	Development of in vitro culture systems in <i>Ophiorrhiza mungos</i> L.var. <i>angustifolia</i> (Thw) Hook.f.for propagation and production of camptothecin	11.03.19

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288.	9680	Bosco Lawrence Dei Gratia Thundathil P.O. Kariavattom Thiruvananthapuram - 695581	Dr. K. Murugan State Coordinator Walk with a Scholar Programme New Initiatives in Higher Education Govt. of Kerala	Botany	Screening of anthocyanin from selected species of <i>Osebeckia</i> L., establishment of cell suspension culture and evaluation of its therapeutic values	28.03.19
289.	9657	Ragesh R. Nair Thadatharikathu Veedu Perayam P. O. (via) Pacha Thiruvananthapuram – 695562	Dr. Suja S. R. Scientist B Jawaharlal Nehru Tropical Botanic Garden and Research Institute, Palode, Pacha	Botany	Evaluation of Hepatoprotective, Anti oxidant and Anti inflammatory potential of <i>Tetracera akara</i> (Burm. f.) Merr., an ethnomedicinal plant	28.03.19
290.	9665	Meera D. Revathy House Elamadu P.O., Ayoor Kollam - 691533	Dr. Sherly P. Anand Principal and Associate Professor TKMM College, Nangi-yarkulangara Dr. M. G. Sanal Kumar (Co- Guide) Assistant Professor PG & Research Department of Zoology, N.S.S. College, Pandalam	Zoology	Bioaccumulation of selected metals & histopathological alterations in tissues of <i>Anabas testudineus</i> from Chavara water bodies, Kollam	28.03.19
291.	9539	Rejitha B.T Chevidikuzhy Veedu Neduveli, Konchira P. O. Vembayam, Thiruvananthapuram	Dr. S. Vijayakumar Assistant Professor Department of Zoology N.S.S. College, Nilamel	Zoology	Taxonomy and Diversity of Coral Fishes of Gulf of Mannar, South east coast of India	28.03.19
292.	9651	Vinod P. Vinod Villa Pullikanakku P.O. Kayamkulam Alappuzha	Dr. M. G. Sanal Kumar Assistant Professor Department of Zoology N.S.S. College Pandalam	Zoology	Some aspects on the ecology and reproductive biology of a soil collembolan <i>Cryptopygus thermophilus</i>	28.03.19
293.	9396	Masoud Mahdizadeh T.C 14, Meghanam, No. 171 St. George Lane Kumrapuram, Medical College	Dr. Raju S. Associate Professor (Rtd.) Department of Psychology University of Kerala	Psychology	Emotional Intelligence, Social Adjustment and Occupational Stress among school teachers	28.03.19
294.	9523	Resmi G Nair Navaneeth (Kolasseril) Union Club Road Thekkumgopuram Kottayam	Dr.K. Madhukumar Research Guide Dept. of Physics M. G College, Thiruvananthapuram	Physics	Study of Thermoluminescence properties of Silica co-doped phosphors in dosimetry Applications	28.03.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
295.	9280	Monireh Mansouri TC. 14(171), Meghnam St. George Lane – Kumarapuram Medical College	Dr. Raju S Associate Professor Department of Psychology University of Kerala  Dr. S H Sam Sananda Raj (Co-guide) Former Professor and Head Department of Psychology University of Kerala	Psychology	Interrelationship among Academic Stress, Depression and Self-Efficacy of High School Students	27.04.19
296.	9677	Mega Joy Shed – 7, MSTD CSIR-NIIST Industrial Estate P.O. Pappanamcode	Dr. U. S Hareesh Senior Scientist MSTD, CSIR-NIIST Pappanamcode Thiruvananthapuram	Chemistry	Molybdenum disulfide based heterostructured nanocomposites for environmental applications	30.04.19
297.	9650	Syam S. Nair Sivashylam Menamkulam Kazhakkootam Trivandrum – 695582	Dr. T. S Anirudhan Professor & Director School of Physical & Mathematical Sciences, Dept. of Chemistry University of Kerala	Chemistry	Synthesis and Characterization of Polysaccharides and Poly (Vinyl Alcohol)/Hyaluronic Acid and Gold Nanoparticle Based Composite Films as Transdermal Devices for the Delivery of Antiarrhythmic, Antihypertensive and Anti-inflammatory Drugs	30.04.19
298.	9491	Minitha. R Lekshmi Kavumvathukkal Valathungal P.O. Kollam – 11	Dr. Reena Ravindran Associate Professor in Chemistry S. N. College, Chempazhanthy	Chemistry	Synthesis and Characterization of metal complexes of hydrazones	30.04.19
299.	9569	Monica. S 107 Vikas Nagar Pattathanam P. O Kollam - 691021	Dr. P. J. Jojo Associate Professor Department of Physics Fatima Mata National College Kollam  Dr. Bijini B. R (Co- guide) Assistant Professor M. G College Thiruvananthapuram	Physics	Assessment of various dose components to the human beings due to natural radiation	30.04.19
300.	9449	Visnu Prasad A. K. Ashok Bhavan Arunoottimangalam Nagar 32 A, Mangad P.O. Kollam - 691015	Dr. P. J. Jojo Associate Professor Department of Physics Fatima Mata National College Kollam	Physics	Dosimetric Profiling and Source term Analysis in the Southern Coastal region of Kerala	30.04.19
301.	9598	Fergy John Charumkal Chandanapally P.O. Kaipattoor Via Pathanamthitta - 689648	Dr. Sam Solomon Associate Professor Department of Physics Mar Ivanios College Thiruvananthapuram	Physics	Synthesis, Characterization and Properties of Certain Niobium based Electronic Materials	30.04.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
302.	9603	Aswathy J. M. Panayil Veedu Nambiyarkulam Kaniyapuram P.O. Thiruvananthapuram - 695301	Dr. K. Murugan Former Principal Govt. Arts College Thiruvananthapuram	Botany	In vitro production, purification of anthocyanin and analysis of biological potentialities from <i>Begonia malabarica</i> Lam. and <i>Begonia rex-cultorum</i> ('Baby rainbow') L.H.Bailey	30.04.19
303.	9580	Dhanya S. R. Indrajith, TC 14/2054 Near Venpalavattom Devi Temple, Anayara P. O. Thiruvananthapuram	Dr. Ramesh Kumar P. Assistant Professor Department of Mathematics University of Kerala	Mathematics	A study on languages associated with some pseudo subvarieties of the pseudo varieties of aperiodic monoids	30.04.19
304.	9639	Deepu T. R. Malappurathu Veedu Perumkulam Varkala P. O.	Dr. Shaji E. Assistant Professor Department of Geology University of Kerala	Geology	HYDROGEOCHEMICAL CHARACTERISTICS OF GROUNDWATER RESOURCES OF CHITTUR BLOCK, PALGHAT DISTRICT, KERALA, INDIA	30.04.19
305.	9478	Vrinda Rajagopal Sree Aracham Survey School Road Peroorkada P.O. Thiruvananthapuram - 695005	Dr. A. Helen Associate Professor Department of Biochemistry University of Kerala	Biochemistry	Role of <i>Macrotyloma uniflorum</i> (Horse gram) and <i>Vigna mungo</i> (Black gram) on experimental arthritis	30.04.19
306.	9554	Sumayya A. S. Seena Manzil Chingeli Pulippara P.O. Kadakkal, Kollam Pin - 691536	Dr. Arun A. Rauf Assistant Professor Department of Biochemistry University of Kerala Dr. G. Muraleedhara Kurup (Co-guide) Professor and Head (Rtd.) Department of Biochemistry University of Kerala	Biochemistry	Marine biocomposite scaffold for cartilage tissue engineering applications	30.04.19
307.	9528	Sheeba S. Kuttiyil Edathundil Kadappa, Mynagappally P. O. Kollam -690519	Dr. A. Biju Kumar Professor Department of Aquatic Biology and Fisheries University of Kerala	Aquatic Biology and Fisheries	Taxonomy and Community Ecology of the Parasite Fauna of Freshwater Eels, <i>Anguilla bicolor bicolor</i> McClelland and <i>Anguilla bengalensis bengalensis</i> (Gray) (Anguilliformes : Anguillidae)	30.04.19
308.	9531	Baiju A. Manalavalappil House Padiyoor Post Kannur - 670703	Dr. V. Jayaprakas Professor (Rtd.) Department of Aquatic Biology and Fisheries, University of Kerala Dr. F. G. Benno Pereira Assistant Professor Department of Zoology University of Kerala	Aquatic Biology and Fisheries	Standardization of Procedure for the Transportation of Selected Indigenous Cyprinids	30.04.19



Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
309.	9213	Rakesh Chandran S B Ganageeth Near Karali Parassala P.O. Thiruvananthapuram - 695502	Dr.G.Renuka Professor and Head (Rtd) Department of Physics University of Kerala	Physics	A Study on Dynamics of Dust Grains in the Moon using LUNAR PROSPECTOR Spacecraft Data	25.05.19
310.	9525	Dhanya Chandran Souparnika Neduganda P. O. Varkala Thiruvananthapuram	Dr. Deepa M Associate Professor Department of Physics All Saints College Thiruvananthapuram  Dr. C. Mohanakumaran Nair Prof (Rtd.) Department of Physics M.G. College Thiruvananthapuram	Physics	SYNTHESIS AND CHARACTERIZATION OF PURE AND DOPED NANOSTRUCTURED TIN OXIDE	25.05.19
311.	9519	Saji S. K Sreesailam Kazhivoor, Moonnumukku Kazhivoor P. O. Thiruvananthapuram - 695526	Dr. Vinod Kumar. R. Assistant Professor Department of Physics University College Thiruvananthapuram  Dr. P. R. Sobhana Warier (Co-guide) Reader in Physics (Rtd) University College Thiruvananthapuram	Physics	SYNTHESIS AND CHARACTERIZATION OF NANOCRYSTALLINE DIELECTRIC RARE-EARTH ALUMINATE PEROVSKITES:RAIO <sub>3</sub> (R=Gd, Nd, Sm, Pr, Dy)	25.05.19
312.	9700	Sreelekshmi R.V. Sreeravam T.C. 50/235(2) Kalady, Karamana P.O. Thiruvananthapuram- 695002	Dr. J. D. Sudha Associate Prof. (AcSIR) Principal Technical Officer CSTD, CSIR-NIIST Thiruvananthapuram  Dr. A. R. R. Menon (Co-Guide) Senior Principal Scientist (Rtd.) MSTD, CSIR-NIIST Thiruvananthapuram	Chemistry	Studies on phosphorylated cashew nut shell liquid prepolymer modified fillers as reinforcing additives for natural and synthetic rubbers	25.05.19
313.	9712	Sasikumar. P Bhagavathikulam[H] Vattekkad Post Kollengode Palakkad-678506	Dr. K. V Radhakrishnan Principal Scientist Organic Chemistry Section CSTD,CSIR-NIIST	Chemistry	Phytochemical and Biological Evaluation of Some Selected Plants from Vitaceae, Dipterocarpaceae, Moraceae and Celastraceae Family	25.05.19
314.	9492	Athira G. K Pachayil Madom Pacha, Paluvally P.O. Thiruvananthapuram	Dr. A. N Jyothi Principal Scientist Division of Crop Utilization ICAR-CTCRI , Sreekarriyam Thiruvananthapuram	Chemistry	Development and studies on starch based polymer matrices as delivery systems for curcumin and some selected drugs	25.05.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
315.	9610	Abha. K Anugraha, TC 55/1031 Akshaya Nagar Neeramankara Kaimanom P.O. Thiruvananthapuram	Dr. Sony George Assistant Professor & Head, Dept. of Chemistry, University of Kerala	Chemistry	STUDIES ON LUMINESCENT MANGANESE DOPED Zn S NANOPARTICLES FOR SENSING AND BIOIMAGING	25.05.19
316.	9499	Shinimol A. K. Assistant Professor Department of Zoology St. Thomas College Kozhencherry, Pathanamthitta	Dr. Gayathri Elayidam. U Assistant Professor Dept. of Zoology V.T.M.N.S.S College Dhanuvachapuram  Dr. P.T Cherian(- Co-Guide) Emeritus Scientist Dept. of Zoology University of Kerala	Zoology	Studies on the Taxonomy and Ecology of Subfamily Chloropinae (Diptera:Chloropidae) from India	25.05.19
317.	9656	Deepa. G Guru Nivas SCRA-82, Pallithanam Road Karamana P.O. Thiruvananthapuram	Dr. Evans D. A Associate Professor Department of Zoology University College Thiruvananthapuram  Dr. Francis Sunny(- Co-Guide) Principal (Rtd.) Govt. College of Attingal	Zoology	INFLUENCE OF BISPHENOL A ON OXIDATIVE STRESS AND OSMOREGULATION IN A FRESHWATER FISH, <i>OREOCHROMIS MOSSAMBICUS</i>	25.05.19
318.	9583	Vineeth Kumar T. V Thundi Parambil 19-447B, Water Land Road Variams Junction Palluruthy, Kochi	Dr. Sanil George Scientist EII Chemical & Environmental Biology Lab RGCB, Thiruvananthapuram	Zoology	Studies on the mechanism of action of some frog skin antimicrobial peptides	25.05.19
319.	9647	Santhosh S. K Suseela Bhavan Kadakkal P. O Kollam	Dr. Ashadevi. R Assistant Professor in Zoology H.H.M.S.P.B.N.S.S College Neeramankara Thiruvananthapuram	Zoology	BIOMONITORING OF VAMANAPURAM RIVER WITH SPECIAL REFERENCE TO AQUATIC INSECTS	25.05.19
320.	9664	Remya Krishnan R. V R. V Sadanam Parayathukonam(P. O) Kizhivilam, Attingal Thiruvananthapuram	Dr. P. M Radhamany Professor Dept. of Botany University of Kerala Thiruvananthapuram	Botany	Cladistic relationships between different species of <i>Cinnamomum</i> Schaeffer (Lauraceae) from South India	25.05.19
321.	9549	Surya B Kurup Udayamangalam Kurampala North Pandalam P.O Pathanamthitta (Dist.)-689501	Dr. Mini S Associate Professor and Head Department of Biochemistry, University of Kerala	Biochemistry	Biochemical effects of <i>Averrhoa bilimbi</i> Linn fruit extract in Diabetes Dyslipidemia	25.05.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
322.	9556	Sreekutty M. S. Sreemadh Kannankarakonam Attingal P.O. Thiruvananthapuram	Dr. Mini S. Associate Professor and Head Department of Bio-chemistry University of Kerala	Bio-chemistry	<i>Ensete superbum</i> (Roxb.) Cheesman Attenuates Metabolic and Molecular Aberrations in Experimental Diabetes Mellitus	25.05.19
323.	9626	Krishna Priya. R Sreesailam TC03/191 South End of University Campus Kariavattom P. O Thiruvananthapuram	Dr. K. Padmakumar Professor & Head Dept. of Aquatic Biology & Fisheries University of Kerala	Aquatic Biology & Fisheries	DIVERSITY AND CHEMICAL ECOLOGY OF ENDOSYMBIONTS IN MARINE ORGANISMS	25.05.19
324.	9418	Shilpa M 10/227, Near Chittur Kavu, Chittur P.O. Palakkad - 678101	Dr. Manoj Changat Professor and Head Department of Futures Studies University of Kerala	Mathematics	AXIOMATIC CHARACTERIZATION OF CENTER AND ANTI-CENTER FUNCTIONS OF GRAPH CLASSES	25.05.19
325.	9620	Narges Mohsenitonekaboni #278, Khazar 19 Dr. Shariati Street, Ghaemshahr Mazandaran, Iran	Dr. G. Suresh Singh Professor and Head Department of Mathematics University of Kerala	Mathematics	A STUDY ON SOME GRAPH THEORETICAL PARAMETERS	25.05.19
326.	9682	Raji. R Charuvila Veedu, Kulamada Kizhakkanela(P. O) Parippally Kollam	Dr. E. A Siril Assistant Professor Dept. of Botany, University of Kerala	Botany	Diversity analysis, elite selection and improvement of an underutilized fruit tree <i>Elaeocarpus serratus L.</i>	12.06.19
327.	9632	Sneha Chandran B.K Thiruvonam Parackal, Aliyadu P. O Venjaramoodu	Dr. A. Bijukumar Dean, Faculty of Science Professor & Head, Department of Aquatic Biology & Fisheries University of Kerala	Aquatic Biology & Fisheries	MOLECULAR TAXONOMY AND PHYLOGENY OF OPISTHOBRANCHS(MOLLUSCA :GASTROPODA) OF LAKSHADWEEP AND WEST COAST OF INDIA	12.06.19
328.	9638	Aneesh M. R Aneesh Bhavan, Pakalkury P. O Paively, Pallickal Kilimanoor, Thiruvananthapuram-695604	Dr. K. Mani Principal Govt. Arts & Science College Kozhinjampara, Palakkad	Geography	LAND CONVERSION AND ITS RELATED ENVIRONMENTAL CONSEQUENCES : A CASE STUDY OF THIRUVANANTHAPURAM DISTRICT	12.06.19
329.	9533	Sajan S. J. TC.49/592(1) Malliyidathu House (MRWA 104) Manacaud P. O. Thiruvananthapuram 9	Dr. N. Gopakumar Associate Professor Department of Physics M. G. College Thiruvananthapuram Dr. K. Madhukumar (Co-Guide) Research Guide M. G. College Thiruvananthapuram	Physics	Investigations on the Mechanoluminescent Properties of Aluminate Based Ceramics	20.06.19

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330.	9544	Divya G. Nair Puthen Kovilakam Cheppara P.O. Kottarakara Kollam	Dr. V. L Pushpa, Associate Professor & Head Dept. of Chemistry S N College, Kollam  Dr. Kurien Thomas(- Co-Guide) Principal (Rtd.) Bishop Moore College Mavelikkara	Chemistry	Insilico modeling of a druggable molecule against hypercholesterolemia	20.06.19
331.	9705	Shargina Beegum Kottilazhikom K. P. Nagar – 91 A Kallumthazham P. O. Kollam	Dr. Sheena Mary Y Assistant Professor Department of Physics FMN College, Kollam  Dr. Hema Tresa Varghe- se (Co-Guide), Associate Professor (Rtd.) Department of Physics FMN College, Kollam	Physics	SPECTROSCOPIC INVESTI- GATIONS AND QUANTUM MECHANICAL COMPUTATIONS OF SOME ORGANIC COMPOUNDS	18.07.19
332.	9718	Athira K. V. Raj Madhava Mandiram Vellarikonam, Iri- yanadu Panavoor P. O., Nedumangadu	Dr. P. Prabhakar Rao Chief Scientist CSIR-NIIST Thiruvananthapuram	Physics	Synthesis and Optical Prop- erties of Europium and Terbium doped Cerium Based Oxides	18.07.19
333.	9693	Kavitha M Mallakkara Pilicode P.O. Thottam gate (near) Kasargode – 671310	Dr. Prabha R. Nair Scientist (Rtd) Space Physics Labo- ratory VSSC, Thiruvanan- thapuram	Physics	Spatial and temporal char- acteristics of atmospheric methane over Indian region	18.07.19
334.	9517	Anila S. Research Scholar Dept. of Physics Mar Ivanios College Thiruvananthapu- ram	Dr. Sam Solomon Associate Professor Department of Physics Mar Ivanios College, Thiruvananthapuram	Physics	SYNTHESIS AND CHAR- ACTERIZATION OF TITAN- ATE NANO ELECTRONIC CERAMICS	18.07.19
335.	9520	Lakshmi S. Nair Archana Navaikulam P.O. Thiruvananthapu- ram - 695603	Dr. Ananda Kumar V. M Associate Professor Department of Physics M. G. College Thiruvananthapuram  Dr. K. Rajendra Babu (Co-Guide) KSCSTE Emeritus Scientist Department of Physics M. G. College Thiruvananthapuram	Physics	SYNTHESIS AND CHAR- ACTERIZATION OF DOPED AND UNDOPED NANO- STRUCTURED NICKEL OXIDE	18.07.19
336.	9684	Biju. S Chaithanya, Prasad Nagar Police Quarters Road, Nemom P. O, Thiruvananthapu- ram-20	Dr. V. Sadasivan Associate Professor Dept. of Chemistry University College Thiruvananthapuram	Chemistry	Studies on some Metal Complexes of Polydentate Oxygen and Nitrogen Donor Ligands	18.07.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
337.	9711	Krishnapriya K. G Krishnagiri Choodal, Meenmutty Pacha, Palode - 695562	Dr. Suneesh C. V Assistant Professor Dept. of Chemistry University of Kerala  Dr. K. N Rajasekharan(- Co-Guide) Professor & Head(Rtd) Dept. of Chemistry University of Kerala	Chemistry	1-[N-(N-ARYLTHIOCARBAMOYL) AMIDINO] AZOLES-SYNTHESIS AND USE AS HETEROCYCLE SYNTHONS	18.07.19
338.	9627	Souji. S Sunview Pamamcode In. Estate. P. O Thiruvananthapuram-19	Dr. Tresa Radhakrishnan Professor(Rtd) Dept. of Aquatic Biology & Fisheries University of Kerala	Aquatic Biology & Fisheries	MOLLUSCAN FAUNA OF SOUTHEAST COAST OF INDIA WITH SPECIAL REFERENCE TO BIVALVIA	18.07.19
339.	9614	Dhanya Ramachandran GRA C-108 Karthika, Kunnil Lane Gandhipuram, Sreekaryam P.O Thiruvananthapuram - 695017	Dr. R. Sreekumar Associate Professor and Head Dept. of Mathematics SD College, Alappuzha  Dr. V. Madhukar Malayya (Co-Guide) Associate Professor and Head (Rtd) Dept. of Mathematics Mar Ivanios College, Thiruvananthapuram	Mathematics	A Study of Interpolation Techniques	18.07.19
340.	9663	Savitha M. T. Siva Padam, Nila Gardens Manikandeswaram P.O Thiruvananthapuram - 695013	Dr. Mary George Associate Professor and Head (Rtd.) Department of Mathematics Mar Ivanios College, Thiruvananthapuram	Mathematics	Fuzzy Methods on Decision Making and Optimization	18.07.19
341.	9678	Ajitha B. S B. S Bhavan Pulinkudi Mulloor P. O Vizhinjam Thiruvananthapuram	Dr. C. A Jayaprakas Principal Scientist & Head Division of Crop Protection CTCRI, Sreekariyam Thiruvananthapuram	Zoology	Toxicological studies of cassava(Manihot esculenta Crantz) leaf extract on teleost fish Nile Tilapia, Oreochromis niloticus.	18.07.19
342.	9637	Sarun S. Rose Garden House Sreekaryam P.O. Thiruvananthapuram	Dr. V. K. Jayalekshmi Assistant Professor Dept. of Geography University College, Thiruvananthapuram  Dr. R. Anil Kumar (Co-Guide) Associate Professor (Rtd) Dept. of Geography University College Thiruvananthapuram	Geography	Disaster Management in Kerala: A post Tsunami Assessment with reference to Alappad and Arattupuzha, South Kerala	18.07.19

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343.	9714	Ayana Gayathri R. V Kochuputhuval House T.C 48/245, Ambalathara Poonthura P.O. Thiruvananthapuram - 695026	Dr. D. A. Evans Associate Professor Department of Zoology University College Thiruvananthapuram	Zoology	PHYSIOLOGICAL RESPONSE OF CULEX QUINQUEFASCIATUS LARVAE TO SELECTED STRESSORS	08.08.19
344.	9683	Jagadeesan. R Revathy Bhavan Akkolil Nagar 138 Valathungal P.O Kollam	Dr. A. Gangaprasad Professor Department of Botany University of Kerala  Dr. Sam P. Mathew (Co-Guide) Senior Scientist PGR Division JNTBGRI, Palode	Botany	Floristic documentation of endemic flowering plants of Southern Western Ghats in Kerala region	08.08.19
345.	9717	Prabha. B St. Theresas Cottage T. C 78/348 Kannanthura Beach P. O Thiruvananthapuram	Dr. K. V. Radhakrishnan Principal Scientist Organic Chemistry Section CSTD, CSIR-NIIST Thiruvananthapuram	Chemistry	Phytochemical and pharmacological evaluation of some selected medicinal plants of Kerala	08.08.19
346.	9379	Dhanya. V C/o Girindran Kailas Kottayam Poil P.O Kannur - 670691	Dr.T.K Prasad Assistant Professor and Head Department of Geography Government College, Kariavattom  Dr.Srikumar Chattopadhyay(Co-Guide) Head(Rtd) Resource Analysis Division Centre for Earth Science Studies Thiruvananthapuram	Geography	Environmental Resource Management in Achancovil River Basin – A Watershed Based Approach	08.08.19
347.	9708	Chitra Priya N. S. Sreeniketham TC 53/426, Estate Road Pappanamcode P.O. Thiruvananthapuram-18	Dr. Deepthi N. Rajendran Assistant Professor Department of Physics Govt. College for Women Thiruvananthapuram	Physics	Synthesis and Characterization of Trivalent ion doped Ceria based Nano electrolyte for Solid Oxide Fuel Cell Applications	08.08.19
348.	9681	Arathi A. R. Cheplamazhikom Paruthippara Nalanchira P. O. Thiruvananthapuram	Dr. A. Biju Kumar Professor and Head Department of Aquatic Biology and Fisheries University of Kerala, Thiruvananthapuram	Aquatic Biology and Fisheries	TAXONOMY AND DIVERSITY OF BIVALVE MOLLUSCS OF LAKSHADWEEP AND WEST COAST OF INDIA	08.08.19

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349.	9704	Sreedevi S. L. Latha Bhavan KPNRA-106 Kanjirampara Post Thiruvananthapuram - 695030	Dr. G. Suresh Singh Professor and Head Department of Mathematics University of Kerala, Thiruvananthapuram	Mathematics	SELECTED TOPICS IN GRAPHS AND RESPECTIVE CODES	08.08.19
350.	9587	Aswathy Anand Anand Punthalathazham Kilikollor P.O. Kollam - 691004	Dr. Raju S. Professor (Rtd) Department of Psychology University of Kerala, Thiruvananthapuram	Psychology	SPOUSAL BURDEN, COPING MECHANISMS AND QUALITY OF LIFE AMONG SPOUSES OF GYNECOLOGIC CANCER PATIENTS	08.08.19
351.	9687	Christa John Chirattaparambil House Palappilly P. O Thrissur	Dr. T. S Anirudhan Professor & Director Dept. of Chemistry School of Physical & Mathematical Sciences University of Kerala	Chemistry	Synthesis and Characterization of Functionalized Iron Oxide-Polymer Nanocomposites for Solid Phase Extraction, Photocatalytic Degradation and Drug Delivery Applications	08.08.19
352.	9630	Remya. R Sreepadam Edakkodu(P.O) Korani Thiruvananthapuram	Dr. A. N Jyothi Principal Scientist, Division of Crop Utilization, ICAR, Sreekariyam	Chemistry	Comparative study on the synthesis of resistant starches of diverse botanical origin by different modification techniques and investigations on their structural and functional properties	08.08.19
353.	9671	Bini. B Jayadeva Bhavan Mathra P. O Punalur Kollam	Dr. M. G. Sanal Kumar Assistant Professor Department of Zoology N.S.S. College Pandalam Dr. Sherly P. Anand(-Co-Guide) Principal, T.K. Madhava Memorial College Nangiarkulangara	Zoology	Distribution pattern and association probability of a soil isopod- <i>Philoscia javanensis</i> in relation to soil factors	31.08.19
354.	9599	Dafina Wilfred Daisy Dale TC 30/1651 Chayakkudi Road Pettah, Thiruvananthapuram	Dr. M. C Subhash Peter Professor Dept. of Zoology University of Kerala Dr. Valsa Jacob(-Co-Guide) KSCSTE Emeritus Scientist i-CEIB	Zoology	ROLE OF ESTRADIOL 17 $\beta$ IN ION TRANSPORT IN FISHES	31.08.19
355.	9660	Drisya. R Lekshmi TC13/1159 (1) Kannammoola, Medical College Thiruvananthapuram - 695011	Dr. M. R Sudarsana Kumar Former Principal MG College Thiruvananthapuram	Chemistry	STRUCTURAL AND THERMAL STUDIES OF METAL CARBOXYLATES	31.08.19

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356.	9372	Indukala C. M. Aswathy Thonnalloor Pandalam – 689501	Dr. K. Rejikumar Assistant Professor Department of Mathematics NSS College, Cherthala.	Mathematics	THE LOST MATHEMATICAL WISDOM OF KERALA—A SEARCH FOR REASONS AND ITS IMPLICATIONS IN THE MODERN SOCIETY	31.08.19
357.	9696	Reshmi K. V. Vijaya Nivas Vetturoad Kaniyapuram P.O Thiruvananthapuram – 695301	Dr. E. I. Abdul Sathar Assistant Professor Department of Statistics University of Kerala, Thiruvananthapuram	Statistics	A Study on Reliability Measures in Higher Dimensions	31.08.19
358.	9738	Resmi S Nair Nandavanam Nettarakonam Anad P. O Nedumangad	Dr. Susha Dayanandan Assistant Professor & Head Dept. of Zoology University College Thiruvananthapuram. Dr. Beena Joy(- Co-guide) Principal Technical Officer Agroprocessing & Natural Products Division CSIR NIIST	Zoology	Biocidal activity of certain plants on the rice weevil, <i>Sitophilus oryzae(L)</i>	31.08.19
359.	9668	Sarithamol. S Mangalathu Puthenpura Maranadu P. O Ezhukone Kollam	Dr. V. L Pushpa Associate Professor & Head Dept. of Chemistry S. N College, Kollam	Chemistry	<i>Insilico</i> and <i>Invitro</i> exploration of lead molecules for Bronchial Asthma	31.08.19
360.	9750	Shamnad. J Block No-11 Kalluvettamkuzhi Kulathupuzha P. O Kollam	Dr. Mathew Dan Senior Scientist & HoD PGR Division JNTBGRI, Palode Thiruvananthapuram	Botany	Assessment of Intraspecific Variability in <i>Clitoria ternatea</i> L. (Fabaceae) from Kerala, India	31.08.19
361.	9746	Shibu Prasad. S TC9/1234 Revathy, Kunnil Compound CPGP Lane Sasthamangalam Thiruvananthapuram	Dr. M. R Sudarsana Kumar Former Principal MG College Thiruvananthapuram	Chemistry	CRYSTAL GROWTH AND STRUCTURAL STUDIES OF METAL CARBOXYLATES AND SULFONATES	31.08.19
362.	9745	Sunoj B.S Palazhi Pattathanam Kollam-- 691021	Dr. Mathew Varkey T.K. Assistant Professor Dept. of Mathematics T.K.M. College of Engineering Karicode	Mathematics	LABELING PROBLEMS IN GRAPH THEORY	31.08.19
363.	9739	Aparna R. S Suviresh(H) Thuvakkode(P. O) Chemanchery(Via) Kozhikode	Dr. Sony George Assistant Professor & Head Dept. Of Chemistry University of Kerala	Chemistry	Design and Development of Functionalized Copper Nanoclusters for Fluorescent Sensing and Imaging	30.10.19



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364.	9732	Anju. V Pushpagiri Punnuruttakonam Puthukulangara P.O Nedumangad Thiruvananthapuram	Dr. K. B. Rameshkumar Scientist Phytochemistry and Phytopharmacology Division JNTBGRI Dr. B. Sabulal(- Co-Guide) Scientist and Head, Phytochemistry and Phytopharmacology Division, JNTBGRI	Chemistry	Phytochemical and biomass/ bioenergy evaluation of selected Euphorbia species	30.10.19
365.	9728	Manasa Mohan. A Arunima Thachottukavu Malayinkil P. O Thiruvananthapuram	Dr. T. S. Anirudhan Professor and Director Department of Chemistry School of Physical and Mathematical Sciences University of Kerala	Chemistry	Functionalised Biopolymers/ Graphene oxide/Mesoporous Silica Based Stimuli Responsive Formulations as Drug Carriers for Controlled and Targeted Delivery of Antitumor and Antibacterial Agents	30.10.19
366.	9729	Jyothish Kumar. T Gopanivas Edavattom Vellimon P. O Kollam	Dr. K. B Manoj Principal S.N College Cherthala  <b>Dr. K. Sreevalsan(- Co-Guide) Associate Professor(Rtd) S.N College,Kollam</b>	Chemistry	<i>SYNTHESIS AND CHARACTERIZATION OF GRAPHENE-TiO<sub>2</sub> NANOCOMPOSITE AND ITS ELECTROCHEMICAL APPLICATION AS SENSOR</i>	30.10.19
367.	9502	Limi Elizabeth Mathew Vattavila Puthen Veedu Nallila P. O Kollam	Dr. A. Helen Associate Professor Dept. Of Biochemistry University of Kerala	Biochemistry	Molecular mechanism of anti-atherogenic effect of betulinic acid and fluvastatin in collagen induced arthritis	30.10.19
368.	9555	Rajesh.R TC 8/1389, Arayalloor Thirumala. P. O Thiruvananthapuram- 6	Dr. Mini. S Associate Professor Department of Biochemistry University of Kerala	Biochemistry	Biochemical studies on Drug-Drug interaction of Oral Antidiabetic Metformin	30.10.19
369.	9776	Greeshma Murukan TC 51/252 Melechittoor Veedu Pappanamcode P. O Thiruvananthapuram	Dr. Murugan. K <b>Principal(Rtd) Govt. Arts College Thiruvananthapuram</b>	Botany	Biochemical and molecular pathway of anthocyanin production in Tectona grandis Lf.	30.10.19
370.	9767	Bijeesh. C Thankam Nivas(HO) Cheraya (P. O) Kongad, Palakkad	Dr. K. B Vrinda Principal Scientist JNTBGRI, Palode  Dr. C. K Pradeep(- Co-Guide) Scientist JNTBGRI, Palode	Botany	<i>TAXONOMIC STUDIES OF THE POISONOUS MUSHROOMS OF KERALA</i>	30.10.19

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371.	9259	Ganga. S Geetha Bhavan Kavummoola Vembannoor Aruvikkara P. O	Dr. Susha Dayanandan Assistant Professor & Head(Rtd) Dept. of Zoology University College Thiruvananthapuram	Zoology	<i>Studies on the growth regulatory effects of plant extracts on Callosobruchus Chinensis (Coleoptera:Bruchidae)</i>	30.10.19
372.	9716	Remya Mohan Remya Nivase Vadakkum Kara East Umayanallor P. O Kollam	Dr. Sherly Williams E Associate Professor Department of Zoology Fatima Mata National College Kollam	Zoology	REPRODUCTIVE BIOLOGY AND POPULATION DYNAMICS OF OXYURICHTHYS TENTACULARIS (VALENCIENNES, 1837) OF ASHTAMUDI LAKE, KOLLAM, KERALA	30.10.19
373.	9690	Sreena T. S. Vadakkeplavila Edakandathu Puthen Veedu Mullor P.O Thiruvananthapuram-695521	Dr. P. Prabhakar Rao Chief Scientist CSIR-NIISTThiruvananthapuram	Physics	Synthesis and Photoluminescence Properties of Eu <sup>3+</sup> based Red Phosphors for White Light Emitting Diode (WLED) Applications	30.10.19
374.	9509	Anseena Beegom A. S. Gazal, Tharatta, 10th Stone Manja P.O Nedumangad – 695541	Dr. R. B. Binoj Kumar Associate Professor and Head Dept. of Geology University of Kerala	Geology	<i>Hydrogeological studies of Mamam river basin, South Kerala, India</i>	30.10.19
375.	9621	Abhisheka V. R Abhitha, TC 52/965-I Nediyavila, Studio Road Nemom P.O. Thiruvananthapuram – 695020	Dr. R. B. Binoj Kumar Associate Professor and Head Dept. of Geology University of Kerala	Geology	Delineation of Groundwater Potential Zones and Water Quality Assessment of Kallada River basin, South Kerala, India	30.10.19
376.	9645	Githin V. G Vadakkkara (H) Muriyad P.O. Thrissur – 680683	Dr. Raju S. Professor (Rtd) Department of Psychology University of Kerala, Thiruvananthapuram	Psychology	Effect of Training on Cognitive and Social Skill Deficit in Children with Learning Disability	30.10.19
377.	9688	Ajitha Kumari K Ragamalika Koonayil, Paravoor PO Kollam – 691301	Dr. Ramesh Kumar P. Assistant Professor Department of Mathematics University of Kerala	Mathematics	<i>A study on l-Fuzzy Languages associated with Semirings</i>	30.10.19
378.	9557	Sary. P. S Panachithuruthil House Thottakom. P. O Vaikom, Kottayam	Dr. Pramod Kiran. R. B Assistant Professor Department of Aquatic Biology & Fisheries University of Kerala	Aquatic Biology & Fisheries	DIVERSITY OF MARINE ORNAMENTAL GASTROPODS OFF KERALA COAST	30.10.19
379.	9591	Shana Harshan Anjali Muttumon Junction Pullad P. O Pathanamthitta - 689548	Dr. Sithara Balan. V Assistant Professor Dept. Of Home Science Govt. College for Women Thiruvananthapuram	Home Science	Developing Intermediate Products from jack fruit suitable for entrepreneurs	30.10.19

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380.	9797	Alex Rufus Thekke Cheruvila Veedu Vizhavor Malayam P.O. Thiruvananthapuram-695571	Dr. Daizy Philip Associate Professor (Rtd) Department of Physics Mar Ivanios College, Thiruvananthapuram	Physics	<i>Aqueous Synthesis of <math>\square</math>-<math>Fe_2O_3</math> and <math>\square</math>-<math>Fe_2O_3/CuO</math> nanocatalysts</i>	22.11.19
381.	9701	Divya M. S Saradha Bhavan K. B Nagar, 97 Vadakkveila P. O Vendermukku, Kollam	Dr. Sreeja J Research Guide and Associate professor PG & Research Department of Zoology S. N. College Kollam	Zoology	Effect of certain plant ingredients on growth performance and survival in <i>Xiphophorus helleri</i> and <i>Poecilia latipinna</i> (poeciliidae)	22.11.19
382.	9710	Indu. K Punnabila Veedu Kura P. O.	Dr. S. Sainudeen Sahib Assistant Professor Department of Zoology University of Kerala	Zoology	Heavy Metal Pollution of Brackish Water Vattakayal Lake, Chavara in Kollam District	22.11.19
383.	9667	Indulekha. R Induprabha T. C10/867(2) VRA-125A, Nagarukavu Road Mannamoola, Perorkada P. O Thiruvananthapuram	Dr. George Thomas Assistant Professor Dept. of Zoology University College Thiruvananthapuram	Zoology	<i>CYTOTOXIC AND GENOTOXIC EFFECTS OF METAL OXIDE NANOPARTICLES ON THE FRESHWATER FISH, RASBORA DANICONIUS</i>	22.11.19
384.	9473	Krishna Priya. N. G T. C. 16/527, Madhav EVRA- 555 Jagathy. N. K. Achari Road Jagathy, Trivandrum-695014	Dr. Sithara Balan. V, Assistant Professor, Dept. Of Home Science, Govt. College for Women, Thiruvananthapuram	Home Science	Impact of meal timings on the health status of gestational diabetic patients	22.11.19
385.	9676	Remesh. G Thengilazhikathu Puthenveedu Kizhakketheruve(P. O) Kottarakkara Kollam	Dr. S. Sainudeen Sahib Assistant Professor Department of Zoology University of Kerala	Zoology	Ecology and Biodiversity of Vattakayal Lake in Kollam District, Kerala, India	22.11.19
386.	9759	Remya Balan. M M. K Sadanam Govindamangalam Kadakkal P. O Kollam	Dr. Susha Dayanandan Assistant Professor & Head(Rtd) Dept. of Zoology University College Thiruvananthapuram	Zoology	<i>EFFECT OF PLANT EXTRACTS ON FEEDING, DEVELOPMENT, REPRODUCTION AND BEHAVIOUR OF THE BANANA PEST ODOIPORUS LONGICOLLIS (OLIVIER)</i>	22.11.19
387.	9706	Sijin K. S. Kripalayam Naduthery Thalavoor P.O. Kollam-691508	Dr. Anjana R. Assistant Professor Department of Psychology S. N. College, Chempazhanthy	Psychology	<i>PERCEIVED STRESS, QUALITY OF LIFE AND SELF ESTEEM AMONG CHILDREN OF ALCOHOLICS AND NON-ALCOHOLICS</i>	22.11.19

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388.	9743	Sreenath M. C Jithin Nivas Parakady, Koyyam P.O Kannur-- 670142	Dr. I. Hubert Joe Associate Professor Department of Physics Mar Ivanios College Thiruvananthapuram	Physics	Investigation of nonlinear optical properties by Z- scan Technique and Vibrational spectral studies by DFT method of organic Dyes	22.11.19
389.	9472	Thara. C. M Sreelekshmi Njakkanal. P. O Oachira- 690533	Dr. Sithara Balan. V, Assistant Professor, Dept. Of Home Science, Govt. College for Women, Thiruvananthapuram	Home Science	DIETARY AND HEALTH PROFILE OF WOMEN WITH POLYCYSTIC OVARY SYNDROME (PCOS)	22.11.19
390.	9754	Aswathy R. P. Paruthivila Veedu Cheruvarakonam Parassala P.O. Thiruvananthapuram-695502	Dr. Manju G. Scientist/Engineer Space Physics Laboratory VSSC, ISRO. Thiruvananthapuram	Physics	Investigations on the dynamics of the equatorial and low-latitude ionosphere-thermosphere system and its association with equatorial spread F	28.12.19
391.	9812	Aneesh S. Karthika Meenambalam Puthenkulam P.O. Kollam - 691302	Dr. S. Sijkumar Scientist/Engineer:SE Space Physics Laboratory VSSC, Thiruvananthapuram.	Physics	Studies on the Indian summer monsoon variabilities and its relation to regional meteorological processes	28.12.19
392.	9751	Shiji P. C Panambatta(H) Padinchattumuri P. O. Kootilangadi Malappuram	Dr. E. A. Siril Assistant Professor Department of Botany University of Kerala	Botany	<b><i>Germplasm screening, propagation and in vitro production of lawsone from Lawsonia inermis L.</i></b>	28.12.19
393.	9715	Kiran S Kumar Vaisakham, Karippooru Malayinkeezhu P. O. Thiruvananthapuram	Dr. Sanil George Scientist E-II Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram	Zoology	Analysis of Genetic variation in an endemic frog population (Indirana semipalmata (Boulenger, 1882) of Western ghats using Molecular markers	28.12.19
394.	9777	Shubha S Kumar Sukriti, TC 96/1144 SNRA 45A Thuruvikkal P. O. Pulayanarkotta Thiruvananthapuram	Dr. V. Sadasivan Associate Professor & Head Dept. of Chemistry University College Thiruvananthapuram	Chemistry	STUDIES ON SOME METAL COMPLEXES OF POLYDENTATE LIGANDS CONTAINING NITROGEN AND OXYGEN DONORS	28.12.19
395.	9820	Manoj Kumar A. Meena Bhavan Plavara, Pacha P. O. Thiruvananthapuram	Dr. C. K. Pradeep Senior Scientist JNTBGRI, Palode  Dr. K. B. Vrinda(- Co-Guide) Principal Scientist JNTBGRI, Palode	Botany	STUDIES ON SYSTEMATICS, DIVERSITY AND ECOLOGY OF THE GENUS CREPIDOTUS (BASIDIOMYCETES, AGARICALES) OF KERALA	28.12.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
396.	9733	Aneesh Kumar A. L Moolayam Veedu SKRA- 75 Malayinkeezhu Thiruvananthapuram	Dr. S. R. Suja Scientist Ethnomedicine and Enthnopharmacology Division JNTBGRI, Palode Thiruvananthapuram  Dr. E. A. Siril(Co-guide) Assistant Professor Department of Botany University of Kerala	Botany	<i>Ethnopharmacological evaluation of leaves of Neurocalyx calycinus (R.Br.ex Benn.) Rob., an ethnomedicinal plant with special reference to anti-inflammation and wound healing</i>	28.12.19
397.	9778	Rani Rajeevan Rani Vihar Mythri Nagar-5 Thattamala P.O. Kollam- 691020	Dr. Mathew Varkey T.K. Assistant Professor Department of Mathematics T.K.M. College of Engineering Kollam	Mathematics	A Study of Some problems in Graph theory- Domination parameters in Fuzzy Soft Graphs	28.12.19
398.	9763	Ajesh A. Kavarottu Puthen Veedu Edakkidom East Edakkidom P.O. Ezhukone, Kollam	Dr. Tarun Kumar Pant Head, ITMP Space Physics Laboratory Vikram Sarabhai Space Centre Thiruvananthapuram	Physics	Investigation of the Thermosphere - Ionosphere System Over the low and Equatorial Latitudes	28.12.19
399.	9545	Padma. U. S Ambadi, KP X/1198 Pinnavila Lane Santhivila, Nemom P. O. Trivandrum-695020	Dr. P. Mohanachandran Nair Professor Department of Demography University of Kerala, Kariavattom	Demography	Determinants of Life Expectancy in India – A Multivariate Approach	28.12.19
400.	9758	Sreelekshmi. S Neeranjanam Naduvantravila Lane Kudappana Kunnu Kallayam P. O Thiruvananthapuram	Dr. F. G. Benno Pereira Assistant Professor Department of Zoology University of Kerala Thiruvananthapuram	Aquatic Biology & Fisheries	Taxonomy and systematics of the genus <i>Devario</i> (Heckel, 1843) (Pisces, Cyprinidae) in the water bodies of Kerala	28.12.19
401.	9782	Sumi A. R. KRA-110 Meleppurathu Veedu Konchiravila Manacaud P.O Thiruvananthapuram – 695009	Dr. N. K. Sajeevkumar Assistant Professor Department of Statistics Govt. College, Kariavattom Thiruvananthapuram	Statistics	On order statistics and ranked set sampling	28.12.19
402.	9581	Abisha R. Anusha Pattancheri P. O. Palakkad	Dr. Manoj Changat Professor Department of Futures Studies University of Kerala	Mathematics	<i>Pasch axiom and Gatedness; A Study on Transit functions in Graphs</i>	28.12.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
FACULTY OF APPLIED SCIENCES AND TECHNOLOGY						
403.	9546	Revathy Sudha Nilayam Perumbavoor Ernakulam (Dist) Kerala - 683544	Dr. Priya Sreenivas Scientist Cancer Research Programm Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram	Biotechnology	□HCG and BRCA1 in Gestational Trophoblastic Diseases	22.01.19
404.	9403	Neethu Viswanath IHITA, TC 10/167 (6) VRA-67, Kairali Nagar Mannanthala P.O. Thiruvananthapuram - 695015	Dr. P. G. Latha Former Director Jawaharlal Nehru Tropical Botanic Garden and Research Institute Palode Dr. S. R. Suja Scientist and HOD i/c Jawaharlal Nehru Tropical Botanic Garden and Research Institute Palode	Biotechnology	Evaluation of hepatoprotective and antioxidant properties of <i>Schumannianthus virgatus</i> (Roxb.) Rolfe through molecular pharmacological approach	22.01.19
405.	9269	Annu Joseph Kizhakkedathu PMRA-B-14 Sreedharan Pillai Road Pappanamcode P.O. Thiruvananthapuram-695018	Dr. Malini Laloraya Scientist F Molecular Reproduction Unit Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram	Biotechnology	Molecular Determinants in Pancreatic Sustenance : Implications in Type I Diabetes	22.01.19
406.	9479	Philip Litto Thomas Kozhimala H. Amalagiri P. O. Kottayam - 686561	Dr. Malini Laloraya Scientist F Molecular Reproduction Unit Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram	Biotechnology	Molecular Mechanism of cell differentiation and pluripotency	22.01.19
407.	9471	Seena Radhakrishnan. A. R Chatharathala Veedu Athiyannoor Aralummoodu P. O. Thiruvananthapuram	Dr. Suja. G Principal Scientist (Agronomy) Division of Crop Production ICAR-CTCRI, Sreekarriyam	Environmental Sciences	Evaluation of agronomic, nutritional and socio-economic impacts of organic production of cassava ( <i>Manihot esculenta</i> Crantz)	22.01.19
408.	9466	Beena. K. N Ramanilayam Memana, Ochira P. O. Kollam - 690526	Dr. Jaya. D. S Associate Professor Department of Environmental Sciences University of Kerala	Environmental Sciences	INVESTIGATIONS ON PHYSIO-BIOCHEMICAL CHANGES IN EVERGREEN PLANTS IN THE SURROUNDINGS OF KMML INDUSTRY IN KERALA, SOUTH INDIA	22.01.19
409.	9446	Venugopal C. K. House No. 23 Jyothi Nagar Vettammukku, Thirumala P. O Trivandrum – 6	Dr. V. Ajayakumar Department of Futures Studies University of Kerala	Futures Studies	Design of a GIS based Platform for Tourism Administration- with Special Reference to Kerala	22.01.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
410.	9513	Reji K. Dhaman Malathee Mangalam Kadakkavur (P.O.) Thiruvananthapuram Kerala-695306	1. Dr. S. K. Sudheer (The Late) Assistant Professor Department of Opto-electronics University of Kerala 2. Dr. M. Satyanarayana (Co-Guide) Former Visiting Professor Department of Opto-electronics University of Kerala	Opto-electronics	Investigations on the physical and optical properties of cirrus clouds during the Indian summer monsoon over the Indian sub continent using lidar methods	01.02.19
411.	9636	Sri. Suresh S. Sooryakanthi Kandiyoor (N) Thallarambalam P.O. Mavelikkara - 690103	Dr. V. P. Mahadevan Pillai Vice Chancellor University of Kerala Thiruvananthapuram Dr. M. Satya Narayana Visiting Professor Department of Opto-electronics University of Kerala (Co-Guide)	Opto-electronics	INTERFACIAL ENGINEERING IN DYE SENSITIZED SOLAR CELLS: EFFECT OF Nb <sub>2</sub> O <sub>5</sub> BLOCKING LAYER AND SILVER NANOPARTICLES	01.02.19
412.	9616	Motty G. S. Deepam, TC17/1187 SRA-71, Sasthanagar Pangode, Thirumala P.O. Thiruvananthapuram - 695006	Dr. V. P. Mahadevan Pillai Vice Chancellor University of Kerala Thiruvananthapuram Dr. M. Satyanarayana (Co-Guide) Research Guide Department of Opto-electronics University of Kerala	Opto-electronics	STUDIES ON THE CHARACTERISTICS OF TROPICAL CIRRUS CLOUDS OVER INDIAN REGION USING LASER REMOTE SENSING METHODS	01.02.19
413.	9562	Smt. Divya M. P. Sethu Vihar Parakote Lane Patturaickal Thrissur - 680022	Dr. Sabu Thomas Scientist E-11 Cholera and Biofilm Research Lab Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram	Biotechnology	A STUDY ON ENVIRONMENTAL VIBRIO PARAHAEMOLYTICUS WITH SPECIAL EMPHASIS ON ITS PATHOGENICITY	01.02.19
414.	9547	Haritha H. Nair Manjipuzha House Omalloor P.O. Pathanamthitta - 689647	Dr. Ruby John Anto Scientist F Division of Cancer Research RGCB, Thiruvananthapuram	Biotechnology	Mechanistic evaluation and In vivo validation of synergistic combinations of curcumin and resveratrol with chemotherapeutics used in breast cancer treatment	01.02.19
415.	9493	Chithra S Ratheesh Bhanom Kallelibhagam (P.O) Karunagapally, Kollam	Dr. Susan John K Principal Scientist Division of Crop Production ICAR-CTCRI	Environmental Sciences	Cassava starch factory solid waste (Thippi) Prospects on utilization for nutrient recycling in cassava cultivation	19.02.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
416.	8640	Padmaja Devi S. S Sreesailam Priyadarshini Nagar Kottukal P.O Thiruvananthapuram - 695501	Dr. V. Nanda Mohan Emeritus Professor of Knowledge Management Department of Futures Studies University of Kerala	Futures Studies	Modeling Distress in Heart Disease Patients: A Psycho Futuristic Study	19.02.19
417.	9563	Karthika. S TC24/1231(1) Ajayagiri, Valiyas- alai Chalai P.O., Thiruvananthapuram - 695036	Dr. Sabu Thomas Scientist E-11 Cholera and Biofilm Research Lab Rajiv Gandhi Centre for Biotechnol- ogy Thiruvananthapuram	Biotech- nology	COMPREHENSIVE ANALY- SIS OF BIOFILM FORMING BACTERI- AL COMMUNITIES IN CHRONIC DIABETIC UL- CER AND IDENTIFICATION OF BIOFILM ASSOCIATED GENES IN ENTEROCOC- CUS FAECALIS	19.02.19
418.	9559	Devi A. N T.C. 10/1680, PLRA- 68 Earathumoola Veedu Pulimoodu Lane Vattiyoor kavu P. O. Thiruvananthapuru- ram – 695013	Dr. Pradeep Kumar G Scientist G, RGCB Thiruvananthapuram	Biotech- nology	Expression profiling and functional characterization of Nephro- cystin in relation to sper- matogenesis	19.02.19
419.	9633	Chidambareswaren M Sivasakthi 22/1, JN Road Perintalmanna P.O. Malappuram - 679322	Dr. S. Manjula Scientist E II Plant Disease Biology and Biotechnology Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram	Biotech- nology	An integrated systems biol- ogy approach for the molec- ular elucidation of <i>Piper nigrum</i> L.- <i>Phytophthora capsici</i> Leonian phytopatho- system	19.02.19
420.	9092	Sumitra Shankar Gurucharanam KP III, 558/(1) Triveni Gardens Lane 4, Pathiripalli Kudapanakunnu Thiruvananthapuru- ram - 695043	Prof. M. Radhakrishna Pillai Director Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram	Biotech- nology	Application of Synthetic nucleases for HPV gene editing	19.02.19
421.	9507	Archana. P. V T.C 4/550/2, House No. H-8 Sreevilas Lane, Kowdiar P.O. Thiruvananthapuru- ram	Dr. M. L Jeeva Principal Scientist Division of Crop Pro- tection CTCRI, Sreekariam Thiruvananthapuram	Biotech- nology	Molecular Diagnosis and Characterization of <i>Phytoph- thora colocasiae</i> causing Leaf Blight Disease of Taro	11.03.19
422.	9475	Dhanya Jayaseelan "Swath" T.C 12/548 (1), Mu- lavana Jn. Vanchiyoor P.O. Thiruvananthapuram – 695035	Dr. T. Makesh Kumar Principal Scientist (Plant Pathology) Central Tuber Crops Research Institute Thiruvananthapuram	Biotech- nology	Developing Virus Resistance in cassava ( <i>Manihot esculenta</i> Crantz) by RNA interference	11.03.19



Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
423.	9606	Sreeja R. Nair T.C 8/1174/(25) Sreelakam Valiyavila, Thirumala P.O. Thiruvananthapuram - 695006	Dr. E. Sreekumar Scientist Molecular Virology RGCGB, Jagathy Thiruvananthapuram	Biotechnology	Molecular alterations in central nervous system in mouse models of chikungunya virus neurovirulence	11.03.19
424.	9477	Prashanth Narayan C/O Dinesh Prabhu 'Bhagavath', NCC Road Ambalamukku – 695005 Thiruvananthapuram	Dr. Malini Laloraya Scientist F Division of Molecular Reproduction Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram	Biotechnology	Evaluating the Role of FOXP3 (scurfin) during embryo implantation, an immune privileged instance	28.03.19
425.	9481	Keerthi A. T Vadakkekara Puthen Veedu Cherumoodu, Vellimon P.O Kundara, Kollam - 691511	Dr. Salom Gnana Thanga V Associate Professor Department of Environmental Sciences University of Kerala Kariavattom	Environmental Sciences	Impact of long term applications of pesticides on soil microbial activity and bioprospecting potential of pesticide degrading bacteria from the Cardamom plantation soils of Idukki District, Kerala	28.03.19
426.	9649	Krishna Chandran R. Punartham, Thottathil Kizhuvilam P.O., Mamom Attingal	Dr. S. Hariharan Associate Professor Division of Cancer Research Regional Cancer Centre Thiruvananthapuram	Biotechnology	Blastic Transformation of Chronic Myelogenous Leukemia: Cytogenetic and Molecular Mechanisms Orchestrating the Disease Progression	30.04.19
427.	9480	Kala Devi V. Harinandhanam Sankarapuram Kottukal P. O. Anchal, Kollam - 691306	Dr. V. Salom Gnana Thanga Associate Professor Department of Environmental Sciences University of Kerala Kariavattom	Environmental Sciences	MICROBIAL RECOLONIZATION AND THEIR ROLE IN REHABILITATION OF CLAY MINING AREAS, THIRUVANANTHAPURAM, KERALA, INDIA	30.04.19
428.	9635	Revathy Das 7F-2, Heera Kinara Apts. Kesavadasapuram, Pattom P.O. Thiruvananthapuram	Dr. A. Krishnakumar Scientist C C&P Group, NCESS Akkulam	Environmental Sciences	Integrated geoenvironmental studies of the lacustrine wetlands of Kerala in climate change paradigms for conservation and management	30.04.19
429.	9398	Dhanya K. Kalathil (H), Vallikunnu (P.O.) Malappuram - 673314	Dr. S. Asha Nair Scientist F Cancer Research Program 4 Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram	Biotechnology	SKP2-FOXM1-CDK1 AXIS IN CELL CYCLE REGULATION AND THERAPEUTIC IMPLICATION OF FOXM1 INHIBITOR, THIOSTREPTON	30.04.19
430.	9571	Ann Mary Alex Human Molecular Genetics Lab Rajiv Gandhi Centre for Biotechnology Thycaud, Jagathy, TVM-14	Dr. Moinak Banerjee Scientist F Human Molecular Genetics Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram	Biotechnology	Genetic and Epi Genetic Control of monoamine Bio Synthetic pathway in Autism Phenotypes	30.04.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
431.	9648	Parvathy G. Department of Biotechnology CEPCI Laboratory and Research Institute, Cashew Bhavan Kollam – 691001	Dr. C. Prabha Kumari Deputy Principal Scientist CEPC Laboratory and Technical Division Cashew Bhavan, Mundakkal Kollam	Biotechnology	Remediation of Environmental Pollution in and Around Cashew Nut Processing Units in Kerala by Microbial Agents	30.04.19
432.	9530	Sandhya S. Kesavalayam Arasummoodu Kulathoor P.O Thiruvananthapuram - 695583	Dr. M. Abdulkhadar Professor (Rtd.) Department of Physics Former Honorary Director Centre for Nanoscience And Nanotechnology University of Kerala	Nanoscience and Nanotechnology	Deposition of CuS based nanostructured thin films and their characterization	30.04.19
433.	9625	Sheena S. Sukumaran Ezhakulathu Puthen Veedu Alummoodu, Neyyattinkara Thiruvananthapuram - 695121	Dr. K. G. Gopchandran Associate Professor & Head Department of Optoelectronics University of Kerala	Optoelectronics	STUDIES ON SYNTHESIS AND CHARACTERIZATION OF LIQUID PHASE EXFOLIATED GRAPHENE AND ITS APPLICATIONS	30.04.19
434.	9623	Thara Prabhakaran TC 23/519, 'Ramanilayam' Pyppinmood Sasthamangalam P.O Thiruvananthapuram - 695010	Dr. Manoj Changat Professor and Head Department of Futures Studies University of Kerala	Futures Studies	STUDIES ON SOME INDICES FOR PARADIGM SHIFT, EMERGING AREA DETECTION AND PRODUCTIVITY ASSESSMENT IN TECHNO-SCIENTIFIC DISCIPLINES: A NETWORK SCIENTOMETRIC APPROACH	30.04.19
435.	9300	Dennis Cheruiyot Kiplangat Dennis Cheruiyot P. O. Box 327-20210 LITEIN. KENYA	Dr. K Satheesh Kumar Assistant Professor Department of Future Studies University of Kerala	Futures Studies	Studies on the long-term predictive characteristics of wind speed intensity	30.04.19
436.	9469	Chithra.J.S Vettuvetil Veedu Attuvassery, Mavady.P.O Kottarakkara	Dr. S. Asha Nair Scientist F Cancer Research Program Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram	Biotechnology	Role of Metastasis Tumor Antigen (MTA) family proteins in Endometrial Cancer: Clinicopathological correlation and molecular functions	25.05.19
437.	9629	Nisheeda Basheer A. Al-Noor, Vada- kkevila Kanniakulangara Vembayam P.O. Thiruvananthapuram – 695615	Dr. S. Sreekumar Senior Scientist Biotechnology and Bioinformatics Division J.N.T.B.G.R.I., Palode, Trivandrum	Biotechnology	<i>In vitro</i> mutagenesis in <i>Plectranthus vettiveroides</i> (Jacob) N.P.Singh & B.D.Sharma	25.05.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
438.	9474	Mudaliar Prashant Pandurang Senior Research Fellow Molecular Virology Laboratory Rajiv Gandhi Centre For Biotechnology Thiruvananthapuram – 695014	Dr. E. Sreekumar Scientist E-II Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram	Biotechnology	Molecular Studies on Autophagy in Chikungunya virus infection	25.05.19
439.	9574	Binoy Kurian J. K. Bhavan Valakom P.O. Kollam - 691532	Dr. K. K. Sabu Senior Scientist Biotechnology and Bioinformatics Division, Jawaharlal Nehru Botanic Garden and Research Institute Palode, Thiruvananthapuram	Biotechnology	Development of molecular markers for early sex identification and analysis of genetic diversity and phylogeny in <i>Calamus</i> L.(Arecaceae)	25.05.19
440.	9150	E. Ezhil Rajan 6-40 A, KRISH Cottage Rajapathai, Parvathipuram Nagarcoil-03, Kanyakumari District Tamil Nadu	Dr. M. R. Kaimal Professor (Rtd.) Department of Computer Science Kerala University	Computer Science	Intelligent Techniques for Controlling Mixture Ratio of Cryogenic Rocket Engine in Real Time	25.05.19
441.	9624	Rekha C. R Kannannoor Lavanya Chennithala (S) P. O Mavelikkara 690105 Alappuzha	Dr. K. G. Gopchandran Associate Professor & Head Department of Optoelectronics University of Kerala  Dr. V. Unnikrishnan Nayar (Co-guide) Prof (Rtd.) Department of Optoelectronics University of Kerala	Optoelectronics	Studies on Synthesis, Modelling and Characterization of Silver Nanoparticles and their Application as SERS Substrates	12.06.19
442.	9561	Rohith Kumar N Madakkal Paramba Puthiyara P. O. Puthiyapalam Kozhikode - 673004	Dr. Suparna Sengupta Scientist-F. Cancer Research Program-3 Rajiv Gandhi Centre for Biotechnology Thycaud	Biotechnology	Role of fodrin in regulating mitosis and analysis of its interaction with gamma-tubulin	12.06.19
443.	9442	Hezlin Marzook. K Mariyam(H),49/1366B Manakkaparamb Road, Ponekkara,AIMS P.O Cochin-682041	Dr. M. Radhakrishna Pillai Director Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram	Biotechnology	Role of upstream activators and downstream effectors of MTAI associated tumor aggressiveness	12.06.19
444.	9486	Leena Sundaram Sagar R. C. Street, Kalluvila Neyyattinkara	Dr. Salom Gnana Thanga V Associate Professor Department of Environmental Sciences University of Kerala	Environmental Sciences	Management of Latex Sludge with Special Reference to Bio-Composting	12.06.19

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445.	9659	Sajid Babu. N Nalakath House Munduparamba(P. O) Malappuram-676509	Dr. V. Biju Assistant Professor Department of Physics University of Kerala Kariavattom Thiruvananthapuram  Dr. M. Abdul Khadar (Co-Guide) Professor (Rtd.) Department of Physics University of Kerala	Nano-science and Nano-technology	OPTICAL AND ELECTRICAL PROPERTIES OF CERTAIN NANOSTRUCTURED COMPOUND SEMICONDUCTORS	18.07.19
446.	9685	Anuja.T.J T.J.A Land Kallambalam.P.O Trivandrum-695605	Dr. A. Gangaprasad Assistant Professor Dept. of Botany University of Kerala	Biotechnology	Identification of microRNAs involved in organogenesis and somatic embryogenesis during normal and stressed conditions in Tobacco ( <i>Nicotiana tabacum</i> L.)	18.07.19
447.	9170	Hazeena H. S Shaji Building Kallingal Nedumangad P. O. Pincode-695541	Dr. Jayakumaran Nair Assistant Professor and Head Department of Biotechnology University of Kerala Kariavattom	Biotechnology	Microbial Production of Cyclodextrin Glucanase Transferase ( <i>CGTase</i> ) and Cyclodextrins by <i>Leucon bacter</i> Species	18.07.19
448.	9572	Greeshma Tom Perikilakkattu House Chilavannur South Kadavantra P. O Ernakulam -20	Dr.V. V Asha Scientist EII Plant Disease Biology & Biotechnology Division RGCB, Thiruvananthapuram	Biotechnology	Molecular mechanistic evaluation of the Anti-hepatocellular carcinoma activity of Glycopenalone from <i>Glycosmis pentaphylla</i> (Retz.) Correa and its Optimization using Nano-enabled drug delivery systems	18.07.19
449.	9589	Jyothi G. Amarjyothi Muttathippambu P.O Cherthala Alappuzha-688527	Dr. K. G. Gopchandran Associate Professor & Head Department of Optoelectronics University of Kerala	Optoelectronics	INVESTIGATIONS ON PHOTOLUMINESCENCE FROM CERTAIN PEROVSKITE OXIDES ACTIVATED BY RARE EARTH IONS	18.07.19
450.	9422	Renganayaki G. 6A, Balaji Bhavanam Vaithilingapuram Road Vickramasingapuram Tirunelveli Tamil Nadu - 627425	Dr.Achuthsankar S.Nair Professor and Head Department of Computational Biology and Bioinformatics University of Kerala	Computational Biology and Bioinformatics	INVESTIGATIONS INTO SCORING OF SEQUENCE ALIGNMENTS	18.07.19
451.	9674	Sajan Ambadiyil Ambady House C. R. Iyyunni Road Mylipadam, Thrissur Kerala – 680020	Prof (Dr.) V. P. Mahadevan Pillai The Vice Chancellor University of Kerala	Optoelectronics	Chaotic Executive Data Arrangement and Encryptions for the Advancement in Security Holograms and documents	08.08.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
452.	9640	Kanitha D K Pukavalloor Konathu Veedu Vilavoor, Malayinkeezhu P.O. Thiruvananthapuram	Dr. D. Muhammad Noorul Mubarak Assistant Professor and Head Department of Computer Science University of Kerala Kariavattom Dr. S. A. Shanavas (Co-Guide) Professor and Head Department of Linguistics University of Kerala Kariavattom	Computational Linguistics	A Model for Malayalam Text Summarization	08.08.19
453.	9558	Soumya. A TC-66/2108 Soumya Bhavan Koliyoor, Muttakkad P. O. Venganoor Thiruvananthapuram - 695523	Dr. Pradeep Kumar G Scientist Molecular Reproduction Unit RGCB, Thiruvananthapuram	Biotechnology	Molecular Evaluation of Interaction between Sperm Membrane Rafts and Zona Pellucida Proteins	08.08.19
454.	9566	Minakshi Saikia Cancer Research Division – 2 Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram	Dr. Ruby John A Scientist G Division of Cancer Research RGCB, Thiruvananthapuram	Biotechnology	Identification of effective chemosensitizer for leukemia and melanoma chemotherapy	31.08.19
455.	9634	Smini Varghese Kottanattu House Kizhakkambalam.P.O Thamarachalpuram Ernakulam-683562	Dr. George Thomas Scientist F Plant Disease Biology & Biotechnology RGCB, TVM	Biotechnology	Molecular genetics behind the response of cultivated ginger ( <i>Zingiber officinale</i> Roscoe) and the wild congener <i>Z. Zerumbet</i> (L.) Smith to the soft rot pathogen <i>Pythium myriotylum</i> Drechsler.	31.08.19
456.	9669	Sajith. R Shreyas (H) Mattarakkal. P. O Malappuram-679322	Dr.R. Ajay Kumar Scientist F Mycobacterium Research Laboratory RGCB, Trivandrum-695014	Biotechnology	Proteomic analysis of dormant and reactivated <i>Mycobacterium tuberculosis</i> , and characterization of Rv0474, a putative transcriptional regulator identified from reactivated bacterium	30.10.19
457.	9672	Irin Kurikesu Pandalayil, C- 149 Cheruvally Lane 2 Gandhipuram, Sreekariyam Trivandrum-695017	Dr.A. Jayakumaran Nair Head Department of Biotechnology University of Kerala	Biotechnology	Functional analyses of Na <sup>+</sup> /K <sup>+</sup> ATPase and plasma membrane Ca <sup>2+</sup> ATPase (PMCA) in glutamate - challenged mice brain	30.10.19
458.	9756	Chithra. M. G Mithra Bhavan, Kakkavila. P. O Trivandrum-695506	Dr. E. A Siril Assistant Professor Department of Botany University of Kerala	Biotechnology	Assessment of diversity, quality based screening and propagation of Shatavari ( <i>Asparagus racemosus</i> Willd)	30.10.19

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459.	9764	Deepa. J.M Sandeep Sadanam Kuzhiyam Vila Chowara. P. O	Dr. C. G Sudha Senior Principal Scientist(Rtd) JNTBGRI, Palode  Dr. K. K Sabu( Co-guide) Senior Scientist JNTBGRI, Palode	Biotechnology	Biotechnological,Pharmacologicaland Phytochemical Investigations on <i>Trichosanthes cucumerina</i> subsp. <i>villosula</i> (Cogn.) K. Pradheep, D. R. Pani & K. C. Bhatt and <i>Trichosanthes cucumerina</i> L. subsp. <i>cucumerina</i> .	30.10.19
460.	9769	Lekshmi. K. Edison Kalpakassery House Nedumom Kovalam. P. O Trivandrum-695527	Dr. N. S Pradeep Senior Scientist Microbiology Division JNTBGRI, Palode Dr. S. Shiburaj (Co-guide) Scientist JNTBGRI, Palode	Biotechnology	<i>Molecular Characterization and Heterologous Production of Beta Glucanase from Streptomyces spp.</i>	30.10.19
461.	9725	Nimmi Haridas Sivagouri TC-1677(1), A.G.R.A-19 Janatha Road, Kalady Karamana. P. O Trivandrum-695002	Dr. S. Sreekumar Senior Scientist JNTBGRI, Puthenthope Trivandrum  Dr. C. K Biju( Co-guide) Scientist JNTBGRI, Puthenthope Trivandrum	Biotechnology	Bioprospecting of selected medicinal plants for anti-tuberculosis drugs	30.10.19
462.	9796	Gayathri. V Chakkacheril, Vaidyashala Nagar-43,Asramom. P. O Kollam-691002	Dr. Shiburaj S, Senior Scientist & Head Microbiology Division JNTBGRI, Palode Dr. Hari B ( Co-guide) Assistant Professor, Department of Zoology, S.N. College, Kollam	Biotechnology	Recombinant Expression of Heat Shock Proteins (HSPs) from <i>Artemia franciscana</i> and Exploration of their In Vitro chaperone Activity	22.11.19
463.	9773	Mithra M. G Mithra Bhavan Pinkulam Kakkavila. P. O Trivandrum-695506	Dr. M.L Jeeva, Principal Scientist, ICAR-CTCRI, Thiruvananthapuram Dr. G. Padmaja(- Co-guide) Emeritus Scientist (Former) CAR-CTCRI Thiruvananthapuram	Biotechnology	Sustainable 2G ethanol production technology for selected root and vegetable processing wastes	22.11.19
464.	9666	Priya R. Prabhu Devanganam MSRA 103(A) Manjadi Thachottukavu Trivandrum	Prof. M. Radhakrishnan Pillai, Director Rajiv Gandhi Centre for Biotechnology Thycaud P.O. Thiruvananthapuram	Biotechnology	Functional Attributes and Protective Efficacy of Antibodies Induced by Different Doses of Vaccination Against Human Papilloma Virus (HPV)	28.12.19
465.	9679	Sheena Philip Palliyil Madathil Elippakkulam P. O. Pallickal(via) Alappuzha-690503	Dr. Asha V. V Scientist E.II RGCB Thiruvananthapuram	Biotechnology	Molecular mechanistic investigation and validation of the Anti-inflammatory activity of <i>Tinospora cordifolia</i> (Willd.) Miers – in vitro and in vivo	28.12.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
466.	9483	Krupa Ann Mathew Pallichira Sneha Bhavan Niranam. P. O. Thiruvalla- 689621	Dr. T. R. Santhosh Kumar Scientist F Cancer Research Programme-I Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram	Biotechnology	<i>Hypoxia Induced Cell Signaling in Drug Resistance of Cancer and Modulation of Cancer Stem Cells</i>	28.12.19
467.	9757	Neethu Hari Sharon Korani, Edakode P.O. Attingal -- 695104	Dr. A. Jayakumaran Nair Assistant Professor and Head Department of Biotechnology University of Kerala, Kariavattom	Biotechnology	Biopolymer Based Nanoparticle in Developing Antimicrobial Film for Food Packaging Application	28.12.19
468.	9686	Sunitha P. Sreelekshmi, TC 55/65/5 Chirakkara Temple Road Kaimanam Pappanamcode P.O. Thiruvananthapuram -695018	Dr. Achuthsankar S. Nair Professor and Head Department of Computational Biology and Bioinformatics University of Kerala Dr. V. S. Sugunan (Co-Guide) Former Faculty Dept. of Zoology University College, TVPM Dr. Oommen V. Oommen (Co-Guide) Head (Rtd) Dept. of Zoology University College, TVPM	Computational Biology and Bioinformatics	STUDIES ON REGULATION OF GENES – AN IN SILICO ANALYSIS OF ANGIOGENESIS RELATED GENES	28.12.19
469.	9770	Remya Reveendran Resmi Bhavan Iymali West Omalloor P.O. Pathanamthitta – 689 647	Dr. V. Biju Assistant Professor Department of Physics University of Kerala Thiruvananthapuram Dr. M. Abdul Khadar (Co-Guide) Professor (Rtd.) Department of Physics University of Kerala Thiruvananthapuram	Nanoscience & Nanotechnology	SYNTHESIS AND CHARACTERIZATION OF NANOSTRUCTURED SEMICONDUCTORS AND THEIR COMPOSITES FOR PRACTICAL APPLICATIONS	28.12.19
470.	9761	Nelsa Abraham Kripa, TC 10/346(2) Panayachirakkonam Mannanthala Kallayam P.O. Thiruvananthapuram- 43	Dr. Unni C. Professor (Rtd.) Department of Electronics & Communication Engineering T.K.M College of Engineering, Kollam Dr. Daizy Philip (Co-Guide) Associate Professor (Rtd.) Department of Physics Mar Ivanios College Thiruvananthapuram	Optoelectronics	Synthesis of ZnO based nanostructures for catalytic and dye sensitized solar cell applications	28.12.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
FACULTY OF ENGINEERING AND TECHNOLOGY						
471.	9426	Divya. S. Vidyadharan Kizhakkevila Chempazhanthy P. O. Thiruvananthapuram - 14	Dr. Sabu M Thampi Associate Professor Indian Institute of Information Technology and Management Kerala Technopark, Thiruvananthapuram	Computer Science and Engineering	Forensic Techniques for Forgery Detection and Localization in Digital Images	22.01.19
472.	9421	Sreedevi. P. Nandanam GRA-C157 Cheruvally Lane 2 Gandhipuram Thiruvananthapuram - 17	Dr. N. Vijayakumar Professor Department of ECE Government Engineering College Barton Hill Thiruvananthapuram	Electronics and Communication Engineering	Performance enhancement of OFDM based Radio over Fibre System	22.01.19
473.	9404	Unnikrishnan M Associate Professor Mechanical Engineering Department College of Engineering Trivandrum Thiruvananthapuram - 695016	Dr. K. Jayaraj Professor and Guide Department of Mechanical Engineering College of Engineering Trivandrum Thiruvananthapuram	Mechanical Engineering	DYNAMIC ANALYSIS OF FLEXIBLE TUBES CONVEYING FLUIDS SUBJECTED TO EXTERNAL EXCITATION	22.01.19
474.	9590	Sumi S. TC/9/2082-1 SUKRIPA, SEKT-F2 Thamarakkulam Lane Sasthamangalam P. O. Thiruvananthapuram - 695010	Dr. N. Unnikrishnan Professor in Civil Engineering Government Engineering College Thrissur	Civil Engineering	INVESTIGATIONS ON LONG TERM PERFORMANCE OF COIR GEOTEXTILES IN RELATION TO THE ENVIRONMENT	01.02.19
475.	9510	Indulal S ISHA, ARA H-1 Alathara Sreekaryam P.O. Thiruvananthapuram - 695017	Dr. S. Ushakumari Professor and Head Department of Electrical Engineering College of Engineering Trivandrum. Dr. P. S. Chandramohan Nair, (Co-Guide) Former Principal Government Engineering Collage Barton Hill, Thiruvananthapuram	Electrical and Electronics Engineering	Development of an Effective Energy Management Strategy for Hybrid Electric Vehicles	19.02.19
476.	9538	Malini S Saleena, House No. 10 Kailas Gardens Sreekaryam Trivandrum - 695017	Dr. Jiji. C. V Professor Department of Electronics and Communication Engineering College of Engineering, Trivandrum Dr. R. S. Moni (Co-Guide) Professor Marian Engineering College Kazhakootam	Electronics and Communication	Novel multiresolution techniques for Gray and Color Image Denoising	19.02.19



Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
477.	9565	Johnson Y TC 44/46, KLRA-99 Jagathy Thycaud P.O, Thiruvananthapuram	Dr. Imthias Ahamed. T. P Professor EEE Department TKMCE, Kollam	Electrical and Electronics Engineering	Control and Guidance of Unmanned Aerospace Vehicles in Formation Flight	19.02.19
478.	9608	Reshmalakshmi C Lakshmi Krishna Nadapuram Vadakara – 673504	Dr. Shiny G Professor Department of Electronics and Communication Engineering College of Engineering Trivandrum Thiruvananthapuram Dr. M. Sasikumar (Co-Guide) HoD, Professor Department of Electronics and Communication Engineering Marian Engineering College Thiruvananthapuram	Electronics and Communication Engineering	Improved Image Enhancement Using Fuzzy Logic	11.03.19
479.	9658	Sreelekshmy Pillai G Kiranamaya Surya Nagar Lane 2, SNRA 210 A Kakkanni Palakkad – 678008	Dr. Vinod P. Professor in Civil Engineering Government Engineering College Thrissur	Civil Engineering	A FRAMEWORK FOR COMPACTION CHARACTERISTICS AND CBR VALUE OF FINE GRAINED SOILS AT ANY RATIONAL COMPACTIVE EFFORT	28.03.19
480.	9453	Yamuna K Moorthy NNRA-7A Navaneetham Nanma Nagar Kudappanakkunnu Thiruvananthapuram – 695043	Dr. Shiny G Professor Department of ECE College of Engineering Thiruvananthapuram Dr. Sakunthala S. Pillai (Co-Guide) Former Professor and Dean (Rtd) Department of Electronics and Communication Mar Baselios College of Engineering and Technology, Thiruvananthapuram	Electronics and Communication Engineering	ENERGY EFFICIENT DESIGN IN COGNITIVE RADIO NETWORKS	25.05.19
481.	9615	Susan Rose Shelter Paramala Road, Aramada P.O Kunnapuzha Thiruvananthapuram - 695032	Dr. Binu Sara Mathew Professor Department of Civil Engineering College of Engineering Trivandrum Dr. Kuncheria P. Issac (Co-Guide) Vice Chancellor Hindustan Institute of Technology and Science, Kelambakkam, Chennai	Civil Engineering	DEVELOPMENT OF AN OPTIMAL MAINTENANCE STRATEGY FOR LOW VOLUME ROADS	25.05.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
482.	9537	Prebha Kumari K S SNRA-38, Sivasakthi Nagar Thiruvikkal P.O. Medical College	Dr. N. Ganesan Professor Department of Civil Engineering NIT Calicut	Civil Engineering	STUDIES ON DIRECT SHEAR BEHAVIOUR OF CEMENTITIOUS COMPOSITES	25.05.19
483.	9534	Paul Thomas TC 7/1129-2 Kootamvila Road Vattoyorkavu P.O. Thiruvananthapuram – 695013	Dr. Jiji C. V. Principal College of Engineering Trivandrum, Thiruvananthapuram Dr. R. S. Moni (Co-guide) Professor Department of Electronics and Communication Engineering, Marian Engineering College Thiruvananthapuram	Electronics and Communication Engineering	INVESTIGATION ON BIOMEDICAL SIGNAL ANALYSIS USING ARTIFICIAL NEURAL NETWORKS AND WAVELETS	12.07.19
484.	9699	Elizabeth Cherian Cheruthompil Nalanchira P.O. Thiruvananthapuram – 695015	Dr. Bindu G. R. Professor Department of Electrical Engineering College of Engineering Trivandrum Thiruvananthapuram	Electrical and Electronics Engineering	POWER QUALITY IMPROVEMENT OF LOW VOLTAGE DISTRIBUTION SYSTEM USING HYBRID AC/DC TOPOLOGY AND HARMONIC POWER RECOVERY SCHEME	08.08.19
485.	9698	Asok Kumar A. Gangothri Mottukonam Pothencode P.O Thiruvananthapuram - 695584	Dr. Bindu G. R. Professor Department of Electrical Engineering College of Engineering Trivandrum Thiruvananthapuram	Electrical and Electronics Engineering	<i>PERFORMANCE ANALYSIS OF MACHINE DRIVES SUITABLE FOR DOMESTIC APPLIANCES</i>	31.08.19
486.	9613	Athira U. Masmaram, K-148 Kochar Road, Sasthamangalam Thiruvananthapuram – 695010	Dr. Sabu M Thampi Associate Professor Indian Institute of Information Technology and Management Kerala Technopark, Thiruvananthapuram	Computer Science and Engineering	Authorship Analysis and its Applications in Online Social Media	31.08.19
487.	9652	Jino Joy Men's Hostel A-Block No. A112, College of Engineering Trivandrum College of Engineering P.O. Kerala - 695016	Dr. S. Ushakumari Professor and Head Department of Electrical Engineering College of Engineering Trivandrum Thiruvananthapuram	Electrical and Electronics Engineering	Speed Control of a Permanent Magnet Brushless DC Motor Based on a H-Bridged Inverter Topology with Sensorless Control	31.08.19
488.	9511	Shyji S. Kallumpurathu Veedu Cherumoodu, Velliman P O Kollam – 691511	Dr. N. Asok Kumar Professor Dept. of Mechanical Engineering College of Engineering Trivandrum Thiruvananthapuram Dr. T. Jayachandran Deputy Director VSSC, Thiruvananthapuram	Mechanical Engineering	<b><i>Numerical Simulation of Hydrocarbon Combustion in Propulsion Systems Using Unstructured Finite Volume Method</i></b>	31.08.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
489.	9694	Sabitha S Vrindavan, SP II/436(5) Manayil Lane, Kairali Nagar Pangappara P.O Thiruvananthapuram-695581	Dr. M. S. Rajasree Vice Chancellor APJ Abdul Kalam Technological University Thiruvananthapuram	Computer Science and Engineering	<i>Privacy Preserved Attribute-Based Access Control Schemes for Selective and Secure Data Sharing in Cloud</i>	30.10.19
490.	9516	Karthika A. S KRA – 48 'SIVAKRIPA' Kedaram Nagar Pattom Palace P.O Thiruvananthapuram – 4	Dr. S. Anil Lal Professor Department of Mechanical Engineering College of Engineering Trivandrum Thiruvananthapuram Dr. T. Jayachandran (Co-Guide) Visiting Professor Department of Aerospace Engineering IITM, Chennai	Mechanical Engineering	<i>A THEORETICAL INVESTIGATION OF MIXING PHENOMENA IN VORTEX FLOWS</i>	30.10.19
491.	9695	Vinod B. R Nivedyam TC 6/77(4) PNRA P-40A Priadarshini Nagar Pongummoodu Medical College P.O Thiruvananthapuram – 69501	Dr. Shiny G Professor Department of ECE Govt. College of Engineering, Kannur	Electronics and Communication Engineering	<i>DIRECT TORQUE CONTROL TECHNIQUES FOR INVERTER FED OPEN-END WINDING INDUCTION MOTOR DRIVES</i>	30.10.19
492.	9740	Neethu Raj R. Neethu Bhavan Puthenchantha Varkala P.O. Thiruvananthapuram – 695141	Dr. P. Sreejaya Professor and Head Department of Electrical Engineering College of Engineering Trivandrum Thiruvananthapuram Dr. K. V. Purushothaman (Co-guide) Professor (Rtd) Dept. of ECE TKMCE, Kollam	Electronics and Communication Engineering	<i>Design and Performance Analysis of Boost converter with optimized Adaptive Neuro- Fuzzy Controllers</i>	22.11.19
<b>FACULTY OF MEDICINE</b>						
493.	9551	Suja G. Saji Bhavan Manjakkala P.O. Kunnicode (Via) Kollam	Dr. Kochuthresiamma Thomas Former Principal Govt. College of Nursing Thiruvananthapuram	Nursing	<i>JOB SATISFACTION AND MANAGERIAL SUPPORT AMONG STAFF NURSES IN TERTIARY CARE HOSPITALS OF KERALA</i>	01.02.19
494.	9433	Simon George GV/B7, Near KJK Hospital Rajiv Shylaja Lane Nalanchira Thiruvananthapuram - 695015	Dr. Joy Philip Principal SUT Medical College Thiruvananthapuram	Medicine	<i>A CLINICAL STUDY OF DRY EYE FOLLOWING USE OF SOFT CONTACT LENS</i>	19.02.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
495.	9286	Mini George Sarah Villa 242, Aditya Nagar Vadakkavila P. O. Madan Nada, Kollam - 691010	Dr. Sr. Mary Lucita Principal Indira Gandhi College Of Nursing Kadavanthara P. O. Kochi Dr. L Vijayalakshmi (Co-Guide) Professor of Biochemistry (Rtd) And Head of the Department of Applied Nutrition, Govt. Medical College, Thiruvananthapuram	Nursing	Prevalence of obesity and comparison of life style practices among obese and non-obese children in selected schools of Quilon District	11.03.19
496.	9617	Dr. Jayan S Navacodu K. K. House Arumaloor, Kandala PO Trivandrum - 695512	Dr. Rajamohan K. Professor of Pediatrics (Rtd.) SAT Hospital, Medical College Thiruvananthapuram	Medicine	Clinical Spectrum and etiological profile (Morphologic and metabolic anomalies) of Urolithiasis among children and adolescents < 18 years	11.03.19
497.	9720	Sharmad.M.S Shadi Manzil Asra 59 Attinkuzhy Kazhakuttom P.O.	Dr. Rajmohan K Professor of Pediatrics (Rtd.) Govt. Medical College Thiruvananthapuram	Medicine	Clinical and Functional Elements that predict outcome after Traumatic Brain injury: A Prospective single Centre Analysis	08.08.19
498.	9464	Manju.K.S ARA-B22,Green Garden Nalanchira.P.O Trivandrum	Dr.K.T Shenoy Professor & Head(Rtd) Dept.of Gastroenterology Govt.Medical College,TVM Dr.L.Vijayalakshmi Professor & Head(Rtd) Dept.of Applied Nutrition Govt.Medical College Trivandrum	Medical Biochemistry	<i>Pattern of genetic polymorphisms among obese subjects in Kerala</i>	08.08.19
499.	9593	Dr.Ruma Madhu Sreedharan Sri Lekshmy, V.H.- 31 Kawdiar P.O. Thiruvananthapuram - 695003	Dr. Sanjeev V Thomas Professor of Neurology SCTIMST Thiruvananthapuram	Medicine	ADVANCED MR IMAGING IN CHILDREN OF WOMEN WITH EPILEPSY	31.08.19
<b>FACULTY OF DENTISTRY</b>						
500.	9661	Dr. Baiju R. M Lake Avenue Opp. Filter House Sasthamkotta P.O Kollam, Kerala - 690521	Dr. Jolly Mary Varughese Joint Director of Medical Education Directorate of Medical Education Thiruvananthapuram Dr. N.O. Varghese (Co-Guide) Principal PMS College of Dental Science and Research Thiruvananthapuram	Dentistry	Assessment of Oral health among adolescent children of Kerala	11.03.19

Sl. No	Reg. No	Name	Name and address of the Supervising Teacher	Subject of Study	Title of the Thesis	Date of Award Syndicate Decision
501.	9662	Elbe Peter Chalakattu Kudiel (H) Puthencurz (P.O) Ernakulam	Dr. Jolly Mary Varghese Joint Director of Medical Education Directorate of Medical Education Dr. N.O. Varghese (Co-Guide) Principal PMS College of Dental Science and Research, TVPM-28	Dentistry	Prevalence of malocclusion and incisor fracture among adolescent children in Kerala	30.04.19
FACULTY OF AYURVEDA AND SIDDHA						
502.	9719	Ananda Lakshmy. K.N 'Nirmal', E-24 Sas-trinagar, Karamana Thiruvananthapuram	Dr. M. A. Shajahan Professor and Head (Rtd.) Dept. of Dravyaguna Vijanana Govt. Ayurveda College Thiruvananthapuram	Ayurveda	Development of an Instrument for screening mental health based on Ayurvedic concept	08.08.19
503.	9747	Shahina Mole.S TC-19/179 (2) VPS – 418 Thirumala. P. O Thiruvananthapuram	Dr. M. A. Shajahan Professor and Head (Rtd.) Department of Dravyaguna Vijanana Govt. Ayurveda College Thiruvananthapuram	Ayurveda	Effect of a Herbal formulation in Post Menopausal Symptoms – A randomised controlled trial	30.10.19
504.	9755	Gopakumar. S Sree bhavan Adarsh nagar-141 Pattom. P O Thiruvananthapuram	Dr. M. A. Shajahan Professor and Head (Rtd.) Department of Dravyaguna Vijanana Govt. Ayurveda College Thiruvananthapuram	Ayurveda	Development of an instrument using Ayurvedic parameters for assessing stress among information technology professionals	30.10.19
505.	9702	Priya. S 'SREE' PRA 332 Paruthikkunnu Near Radiostation Engineering College P.O Trivandrum	Dr. M. A. Shajahan Professor and Head (Rtd.) Department of Dravyaguna Vijanana Govt. Ayurveda College Thiruvananthapuram	Ayurveda	DEVELOPMENT AND VALIDATION OF A TOOL FOR MEASURING AVARANA (OCCLUSION OF BODY CHANNELS) AND ASSESSMENT OF THE EFFECT OF SELECTED AYURVEDIC ANTI AVARANA DRUGS IN METABOLIC SYNDROME	30.10.19
506.	9721	Radhika Rani. R. K RAMAKAM, MGRA-51 Marappalam Gardens Pattom Palace. P. O Trivandrum	Dr. M. A. Shajahan Professor and Head (Rtd.) Department of Dravyaguna Vijanana Govt. Ayurveda College Thiruvananthapuram	Ayurveda	VALIDATION OF THE ASSESSMENT TOOL FOR RASADHATUDUSHTI AND ESTIMATING ITS PREVALENCE IN SUBJECTS AT RISK FOR CARDIOVASCULAR DISEASES	30.10.19
507.	9723	Ansary. P Y Panamthanathil(H) Chamampathal. P.O Kottayam	Dr. M. A. Shajahan Professor and Head (Rtd.) Department of Dravyaguna Vijanana Govt. Ayurveda College Thiruvananthapuram	Ayurveda	Effect of Rasapravicharanacikitsa (Taste Specific Drug Therapy) in Kapha dominance of Tamakaswasa (Asthma)	30.10.19
508.	9722	Asha Sreedhar Narayaneeyam House No.130 Gandhari Nagar Pulimoodu, Trivandrum	Dr. M. A. Shajahan Professor and Head (Rtd.) Department of Dravyaguna Vijanana Govt. Ayurveda College Thiruvananthapuram	Ayurveda	A randomized controlled trial (RCT) to assess the effect of combination of Mahatiktakaghrita and Tankana kshara in Human Papilloma Viral Infection	30.10.19



*Photo  
Gallery*





*Hon'ble Chancellor Sri. Arif Mohammed Khan conferring the Degree of DSc to eminent scientist Dr. C.N.R. Rao*



*Hon'ble Pro-Chancellor, Dr. K.T. Jaleel conferring the Degree of DSc to eminent Astrophysicist Dr. Jayant Narlikar*



*Sri. Kris Gopalakrishnan, the famous Technocrat receiving DSc from the Hon'ble Pro-Chancellor, Dr. K. T. Jaleel. Hon'ble Vice-Chancellor, Dr. V. P. Mahadevan Pillai and Dr. Jayant Narlikar are also seen.*

*A view of the Special Invitees to witness the Convocation.*

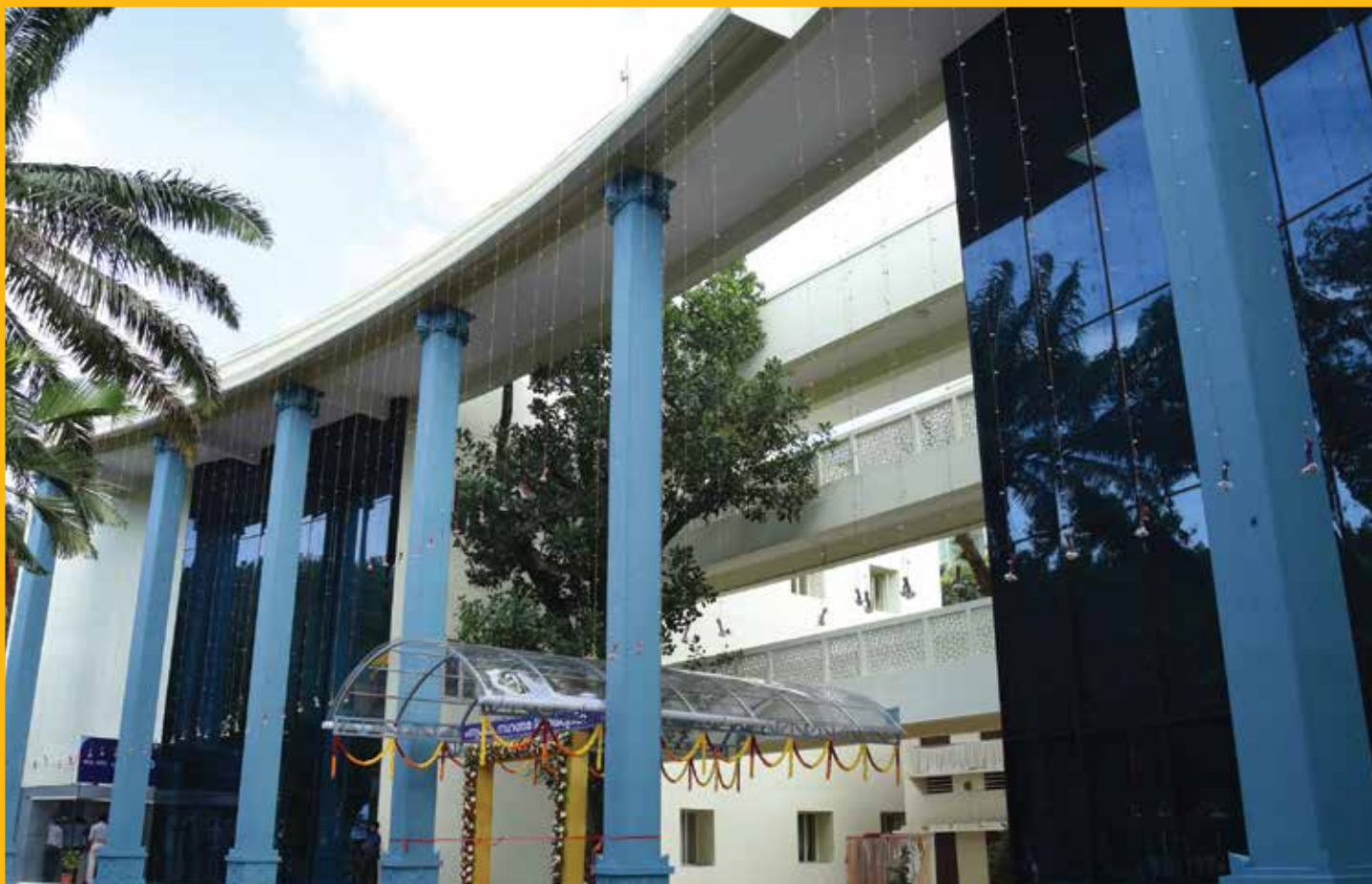






*Hon'ble Chief Minister of Kerala Sri. Pinarayi Vijayan inaugurating the K.R. Narayanan memorial Amenity Building*

*K R Narayanan Memorial Amenity Building*





*ONV Memorial Building, School of Indian Languages being inaugurated by Dr. K. T. Jaleel, Hon'ble Minister for Higher Education. Seen from the right are members of the Syndicate, Sri. Shiju Khan, Dr. Shaji K, Sri. Lenin Lal, Prof. R. Lathadevi, Hon'ble Vice Chancellor, Prof. V.P. Mahadevan Pillai, Adv. K.H. Babujan, Member, Syndicate and Prof. P. P. Ajayakumar, Pro-Vice-Chancellor*

*ONV Memorial Building*





*Felicitation given to All India Inter-University Water Polo Runners up-2019 by the University. Team with Prof. P. P. Ajayakumar, Pro-Vice-Chancellor, Adv. K. H. Babujan, Dr. S. Nazeeb, Adv. G. Muraleedharan Pillai, Adv. A. Ajikumar, Members of the Syndicate, Prof. C. R. Prasad, Registrar in Charge and Dr. Jayarajan David D., Director in Charge, Dept. of Physical Education and Smt. Leju Bose, Finance Officer in Charge.*



*Winners of the 35th Inter-University South Zone Youth Festival held at Alagappa University. University of Kerala bagged the South Zone Championship 2019.*



*The New Block of CLIF being inaugurated by Hon'ble Vice-Chancellor, Prof. V. P. Mahadevan Pillai. Members of the Syndicate Dr. R. Lathadevi, Dr. Shaji K., Adv. K. H. Babujan, Dr. S. Nazeeb, Sri. M. Lenin Lal, Sri. Shiju Khan, Dr. Rajesh Kumar P are also seen.*

*CLIF building, New block*





*Inauguration of New Controller of Examinations Building Annexe by Sri. E. Chandrasekharan, Hon'ble Minister for Revenue. Seen from the right, Prof. R. Lathadevi, Member, Syndicate, Prof. V.P. Mahadevan Pillai, Hon'ble Vice Chancellor, Adv. K.H. Babujan, Member, Syndicate, Prof. P.P. Ajayakumar, Pro-Vice Chancellor, Dr. Rajeshkumar P, Member, Syndicate and Dr. Shaji K. Member, Syndicate*



*Signing of MoU between the Centre for Diaspora Studies, University of Kerala and SCMS, Ernakulam*



*Send off meeting of Interim Syndicate members. Standing from the left: Sri. M. Leninlal, Dr. K. R. Kavitha, Dr. M. Sreekumar, Dr. S. Nazeeb, Dr. K. B. Manoj, Dr. Rajeshkumar P, Sri. M. Harikrishnan, Sri. Shijukhan J. S., Dr. B. Unnikrishnan Nair Sitting from the left: Dr. R. Lathadevi, Adv. K.H. Babujan, Prof. P.P.Ajayakumar, Prof. V.P. Mahadevan Pillai, Prof. C. R. Prasad, Adv. G. Sugunan, Dr. Shaji K.*



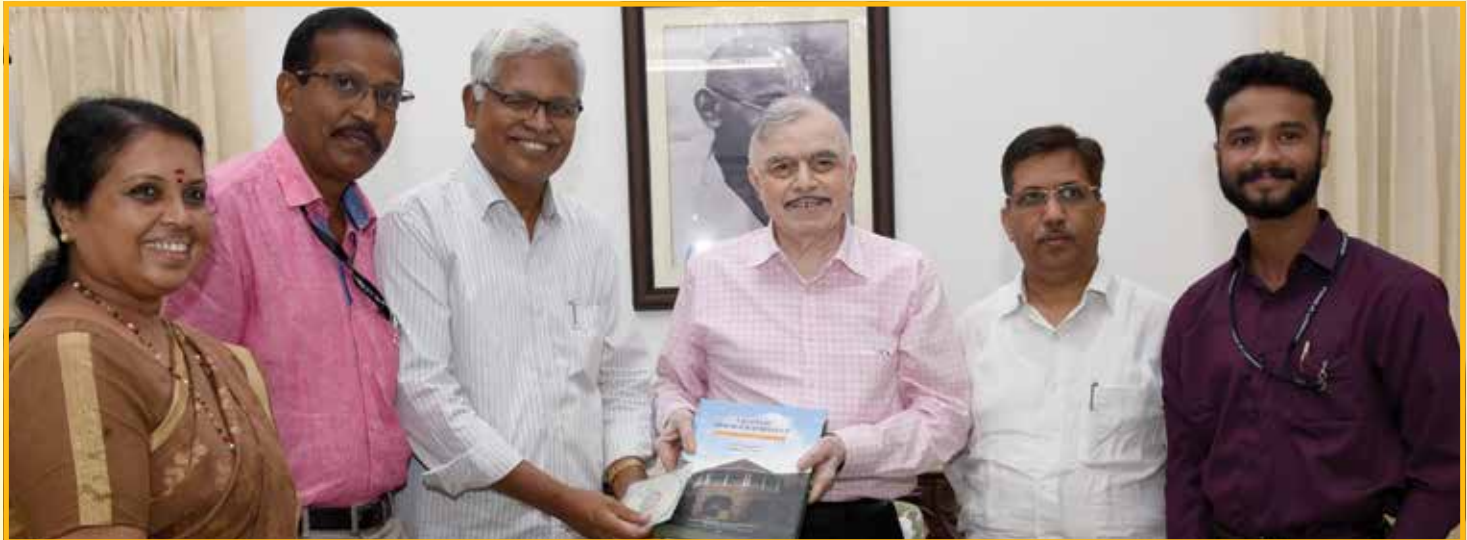
*Dr. Gangaprasad A, Professor of Botany receiving the Best Project Award from the Hon'ble Vice chancellor Prof. V.P. Mahadevan Pillai.*



*Dr. Suresh R., Professor of Political Science receiving the Best Project Award from the Hon'ble Vice Chancellor*



*Prof Padmakumar, Professor of Aquatic Biology & Fisheries receiving the Best Project Award from the Hon'ble vice Chancellor*



*Release of 'Trees of Kerala Raj Bhavan: India's First Raj Bhavan with Digital Garden' by Hon'ble Vice chancellor, University of Kerala Prof. V.P. Mahadevan Pillai by handing over a copy to Hon'ble Governor of Kerala Justice (Rtd) P. Sathasivam. Documentation and digitisation of tree species of Kerala Raj Bhavan was undertaken by the Centre for Biodiversity Conservation, University of Kerala. From the right: Sri. Akhilesh S. V. Nair, Research Scholar, CBC, Sri. Davendrakumar Dodavat, Principal Secretary to Governor, Hon'ble Governor of Kerala Justice (Rtd) P. Sathasivam, Hon'ble Vice Chancellor, University of Kerala Prof. V.P. Mahadevan Pillai, Prof. Gangaprasad A., Hon. Director, CBC and Smt. Jaya, Comptroller, Kerala Raj Bhavan.*



*Hon'ble Vice-Chancellor, Prof. V. P. Mahadevan Pillai hoisting the National Flag on Independence Day.*



*Introduction of Token System in the Cash Counter and Help Desk by Hon'ble Vice-Chancellor, Prof. V. P. Mahadevan Pillai. Adv. K. H. Babujan, Dr. K.G. Gopchandran, Members of the Syndicate and Prof. P. P. Ajayakumar, Pro-Vice-Chancellor are also seen.*



*Hon'ble Vice Chancellor planting a tree in the University premises*



*Eminent writer Sri. T. Padmanabhan receiving the ONV Award from the Hon'ble Chief Minister Sri. Pinarayi Vijayan. On the left Hon'ble Vice-Chancellor Prof. V. P. Mahadevan Pillai.*



*Release of a book on O.N.V. Kurup: From the left: Pro-Vice-Chancellor, Prof. P. P. Ajayakumar, Sri. T. Padmanabhan, Dr. Raja Hariprasada, Smt. Sarojini, W/o Late ONV Kurup, Prof. S. Shifa, HoD, Dept. of Malayalam, Dr. Siddeek M. A. and Dr. S. Nazeem, Member, Syndicate*

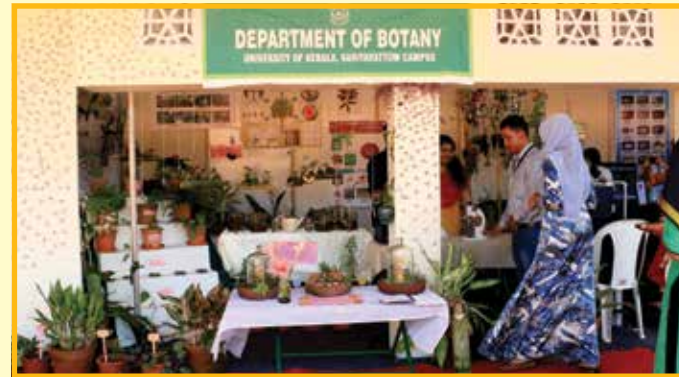
*Celebration of 20<sup>th</sup> Anniversary of Kargil Vijay Diwas: His Excellency, the Hon'ble Governor of Kerala, Justice (Rtd) P. Sathasivam, Hon'ble Minister for Higher Education, Dr. K. T. Jaleel and Hon'ble Vice-Chancellor Prof. V. P. Mahadevan Pillai, Air Marshal B. Suresh, Shri Bishwanath Sinha IAS, Principal Secretary to Government, Air Vice Marshall B. Chandrasekhar, Air Commandore V.V. Dedgaonkar, Brigadier Arun C.G., Commodore P. Timmapurkar, Wing Commodore Samrat Chaudhary, Pro-Vice-Chancellor, P. P. Ajayakumar, Member, Syndicate, Adv. K.H Babujan.*







*National Science Expo*



*Science Expo Stall of the Department of Botany*



*Start up- Incubator Yatra*

*Student Induction Programme, Prof. Satheesh, IIT Madras, Prof. Ramachandran, Vice Chairman, Planning Board, Prof. V. P. Mahadevan Pillai, Vice Chancellor, University of Kerala, Prof. Sabu Thomas, Vice Chancellor MG University, Dr. P. P. Ajayakumar, Pro-Vice Chancellor, Dr. S. Nazeeb, Member Syndicate, Dr. P. Mohanachandran Nair, Vice Chairman, CSS, Dr. C. R. Prasad, Registrar are seen on the dais.*





*Inauguration of NSS Award Presentation Ceremony by Hon'ble Vice-Chancellor Prof. V. P. Mahadevan Pillai*



*World No Tobacco Day celebrations*

*Travelling Theatre: Final performance of the play 'Vivekodayam' directed by Dr. Raja Varrier at the Senate House Campus, Palayam. Sri. Adoor Gopalakrishanan, the guest of honour in the final performance is seen seated in the front row.*







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