# REPORT OF
# 3-TIER INDUCTION PROGRAMME
# FOR PG STUDENTS::2015

**INTERNAL QUALITY ASSURANCE CELL**
University of Kerala
October 2015

**REPORT OF**
**3-TIER INDUCTION PROGRAMME**
**FOR PG STUDENTS::2015**
**UNIVERSITY OF KERALA**

## 1) Overview of 3-tier Induction Programme

Vide decision Q3.3.12.of IQAC,a 3-tier Induction Program for 2015-16 admissions was proposed to be held in the first week after commencement of classes from the 2015-16 admissions of post-graduate students. The structure of the programme was designed as follows:

**FN of Day1: <u>University Level: At Senate Hall</u>**: To be co-ordinated by IQAC. All PG students, along with all teachers of all Departments assemble in the Senate Hall to mark their commencement of studies in the University. The Vice-Chancellor addresses them. An erudite and motivating scholar may also be invited to address them. This will be followed by a general presentation on the University, its academic system and articulation of graduate's attributes. Approach to Gender, Environment, Safety, intoxication free campus etc. will also be introduced. A slide show of the University and Departments will also be made. High tea will be served for all. University brochures will be distributed. A survey will also conducted.

**FN of Day2: <u>School Level:</u>**
This should be co-ordinated by school directors. Generic presentations by each department head should be made. Students should be made aware of general facilities in constituent departments and the details regarding courses that can be taken as inter-departmental electives should be highlighted, all faculties should be introduced, introduction of Credit and Semester System and Academic calendar should be made, University Library and Campus Library service should be introduced, National Service Scheme, Departments Union, Campus amenities etc. may also be introduced. Students may be taken for a campus tour in University bus.

**Day 3 Onwards: <u>Dept. Level</u>**
This may be organized by each Department. The duration, nature and scope may be decided by the Department Council. It should enable better learning habits and involve external scholars/trainers. The following topics may be considered.

*Ice-breaking session –mutual introduction by students*
*Introduction of Faculty, Admin staff, Res. scholars and Project staff*
*History of Department, Life in the Department, Students Clubs etc*
*Introducing Department website, e-mail groups*
*Introduction to Department Library services*
*Feedback System*

*Introduction to student Grievance redressel,*
*Cell against sexual harassment*
*Principles of Assessment and evaluation, Importance of assignments, tests,*
*Managing Examination Anxiety, plagiarism*
*Theories of learning, Multiple intelligence theory, Blooms Taxonomy*
*Time Management, Stress Management, Healthy Living*
*Creativity, Critical Thinking*
*Active listening, Questioning &Collaborative learning*
*General introduction to research*
*Intro to Career opportunities, Placement assistance, NET/GATE etc.*
*Personality Development & Soft Skill Development*
*Internet etiquettes, Informatics skills*
*Visit to industry/external organization.*
*Interaction with external experts and also alumni/senior students.*
*Planting tree under "One Student, One Tree" institution,*
*Cultural Programme*
*Recommending motivational and classic reading*

*NB:- MOOC courses like the following may be suggested to students.Learning How to Learn: Powerful mental tools to help you master tough subjects, University of California, San Diego.*

## 2. Report of Common Induction Programme

കേരള സർവകലാശാല
UNIVERSITY OF KERALA

# 3 TIER INDUCTION PROGRAMME

FOR 2015 PG (CSS) ADMISSIONS

## UNIVERSITY LEVEL INDUCTION PROGRAMME

2015 SEP 07 • MONDAY • SENATE HALL

09.00 AM - 10.00 AM

**REGISTRATION & ANNUAL STUDENT SURVEY**

10.15 AM

**INAUGURAL MEETING**

Invocation *(2 mins)*
Students of Department of Music

Screening of Graduate Attributes

Welcome *(5 mins)*
• Prof. Achuthsankar S. Nair, Director, IQAC

Presidential Address *(5 mins)*
• Dr. N. Veeramanikandan, Pro Vice-chancellor

Inaugural Address *(10 mins)*
• Prof. P.K. Radhakrishnan, Vice-chancellor

Graduate Attribute Pledge

Release of 2015 University Brochure

Felicitations *(5 mins each)*
• Dr. P.M. Radhamani
• Dr. R. Jayaprakash
• Dr. Girish Kumar R., Member, Syndicate
• Sri. John Williams, Chairman, Departments Union

Vote of Thanks *(5 mins)*
• Dr. K. Mohammed Basheer, Registrar

National Anthem

11.15 AM : Tea Break *(Following university's Green Charter.)*

11.30 AM

**LEARNING TO LEARN**

Speeches by eminent persons from Science, Social Science and Arts *(8 mins each)*
• Prof. Oommen V. Oommen
• Prof. N.K. Jayakumar
• Prof. Jameela Beegum

11.55 AM
Presentation on the University by Team of Teachers

12.30 PM
Cultural Programmes by Departments Union

**ALL FACULTY MEMBERS &
ALL NEWLY ADMITTED STUDENTS
ARE INVITED TO ATTEND**

# Induction programme for postgraduate students held

*New batch of the postgraduate students of Kerala University take a pledge at an induction programme in Thiruvananthapuram on Monday.* – PHOTO: S. MAHINSHA

Special Correspondent

**THIRUVANANTHAPURAM:** In the global arena of knowledge students should have a broad outlook, Vice Chancellor of the University of Kerala P.K. Radhakrishnan has said.

He was speaking after inaugurating a three-tier induction programme for students of the university's postgraduate courses here on Monday. The students who took part in the induction programme are those who are the first admissions after the university was reaccredited by the National Accreditation and Assessment Council with grade A.

A video showing what a university student should be — the Graduate Attribute Video — was also released on the occasion. Close to 800 students and their parents took part.

The common induction was held on 7 September 2015 in the University senate Hall. About 800 persons took part, including new students, parents and teachers. The major events were 3 invited talks, graduate attribute video screening, graduate attribute pledge, and Flash presentation on University Systems.

**University of Kerala**

**Graduate Pledge**

*-I shall Continue life-long learning as an autonomous learner*
*-I shall Continuously strive for excellence in education*
*- I shall Apply and nurture critical and creative thinking*
*- I shall Promote sustainable development practices*
*- I shall Promote co-operation over competition*
*- I shall Balance rights with responsibilities*
*-I shall Understand and respect diversity & difference*
*- I shall Not be prejudiced by gender, age, caste, religion, or nationality.*
*- I shall Use education as a tool for emancipation and empowerment of humanity*

**Screenshot of Graduate Attribute Video**

The University brochure for 2015 was released and distributed. An annual student survey was conducted. The questionnaire is appended. The programme also made mark for its excellent time-keeping and sticking to the green charter of the University in terms of bouquet, banners and refreshments.

**Brochure cover page**

The expenditure towards organising the event was around Rs 1 lakh. Some photographs are appended.

# 3.School Level Induction Programmes

The following schools organised school level induction programmes

3.1 School of English &Foreign Languages
3.2 School of Social Sciences
3.3 School of Technologies
3.4 School of Business management & Legal studies.
3.5 School of Indian Languages
3.6 School of Physical and mathematical Science

## 3.1 Report from School of English &Foreign Languages

The School Council was unanimous in declaring that this was one of the most useful programmes that we were able to conduct in recent times. The Registrar's speech was a gentle reminder to scholars in the Humanities not to lose their humanitarian traits in the name of competition and global pedagogies. He urged the young students to remember that they were entering the portals of a great Centre for Learning and therefore to leave behind their pride and ego, and conduct themselves with simplicity, humility and earnestness as befitting people who pursue knowledge. However it was Dr.A Biju, Head of the Department of Aquatic Biology, who stole the show with his brilliant lecture on the need for 'Interdisciplinarity in the Academia' today. I have not listened to a scholarly talk that could have been more elegantly or simply worded. He made a deep impression on the minds of our students. It is our suggestion that this talk be arranged once again for the benefit of the entire student community of this University. I feel proud to be part of a fraternity which has such eminent teachers and scholars as Dr.Biju. Each of the departments had very unique ways of projecting their interdisciplinary concerns. We would like to place on record our heartfelt thanks to the IQAC for making such meaningful ventures possible in this University.

## 3.2 Report from School of Social Sciences

We are extremely happy in the way in which the School level induction programme conducted by the School of Social Sciences on 08/09/2015. The first session on the theme INTERDISCIPLINARITY IN SOCIAL SCIENCE was vibrant. The speech made by DR.K.N Ganesha was highly informative and thought provoking not only to the students as well as faculty members. Dr.J.Prabhash, Director, School of Social Sciences ( In Charge) managed the session extremely well. In the second session entitled Presentation by Departments, Dr.Suresh Jnaneswaran chaired. He also talked on the relevance of Social Sciences. Teachers from various social science disciplines introduced the profile of their departments. At the end Dr.Immanual Thomas rendered the vote of thanks in which he has expressed his appreciation for the Induction programme and thanked the University as well as IQAC for the same. In the programme 182 persons participated and light refreshment was provided by the organisers. .

# INDUCTION PROGRAMME

2015 P G (CSS) ADMISSIONS

# SCHOOL OF SOCIAL SCIENCES

REGISTRATION 9 30 AM – 10 AM

SESSION I INTERDISCIPLINARITY IN SOCIAL SCIENCE

WELCOME: Dr J PRABHASH (PROF.& HEAD,DEPT. OF POLITICAL SCIENCE)

CHAIR: Dr PRASAD A K (DEAN, FACULTY OF SOCIAL SCIENCE)

KEYNOTE: Dr K N GANESH (FORMER PROF. & HEAD, DEPT. OF HISTORY, UNIVERSITY OF CALICUT)

VOTE OF THANKS: Dr PUSHPAM M (HEAD, DEPARTMENT OF SOCIOLOGY)

TEA BREAK 11 AM – 11 15 AM

SESSION II PRESENTATIONS BY THE DEPARTMENTS

WELCOME: Dr THERESA SUSAN A (DEAN, FACULTY OF EDUCATION)

CHAIR: Dr SURESH JNANESWARAN (PROF.& HEAD, DEPT. OF HISTORY)

PRESENTATION

| | | |
|---|---|---|
| ARCHAEOLOGY | : | Dr AJIT KUMAR |
| ECONOMICS | : | Dr MANJU S NAIR |
| EDUCATION | : | Dr ASHA J V |
| HISTORY | : | Dr V SATISH |
| ISLAMIC STUDIES | : | Dr S SHARAFUDEEN |
| PHILOSOPHY | : | Dr BEENA ISAAC |
| POLITICAL SCIENCE | : | Dr SHAJI VARKEY |
| PSYCHOLOGY | : | Dr P BINDU |
| SOCIOLOGY | : | Dr PUSHPAM M |

VOTE OF THANKS: Dr IMMANUEL THOMAS (PROF.& HEAD, DEPT. OF PSYCHOLOGY)

## 3.3 School of Technology.

**School of Technology**

**School Level Induction Programme**

**(for 1st Semester PG students)**

**Department of Computer Science**

**Department of Optoelectronics**

**Department of Futures Studies**

**Date:29.09.2015**

**Venue**

**Aquatic Biology Seminar Hall**

**Programme Schedule**

| | |
|---|---|
| 10.00 am | **Prayer** |
| | **Welcome & Introduction to School of Technology** |
| | by Dr. M. Wilscy<br>Director(i/c), School of Technology,<br>Professor and Head,<br>Department of Computer Science. |
| | **Introduction of constituent Departments & Faculty Members** |
| | by respective HoDs |
| **Tea Break** | |
| 11.15am | **Talk on "Optical Computing"** |
| | by Dr. V.P.N. Nampoori,<br>Visiting Professor,<br>Department of Optoelectronics,<br>Thiruvananthapuram. |
| | **Vote of Thanks** |
| | by Dr. Satheesh Kumar K.,<br>Department of Futures Studies. |

School level Induction programme of School of Technology (Department of Computer Science, Department of Optoelectronics, and Department of Future Studies)for the 1st Semester PG studentswas planned to be conducted at Aquatic Biology Seminar Hall on 29.09.2015. Because of the deficiency of power supply, the venue was changed to the seminar hall of Department of Computer Science.

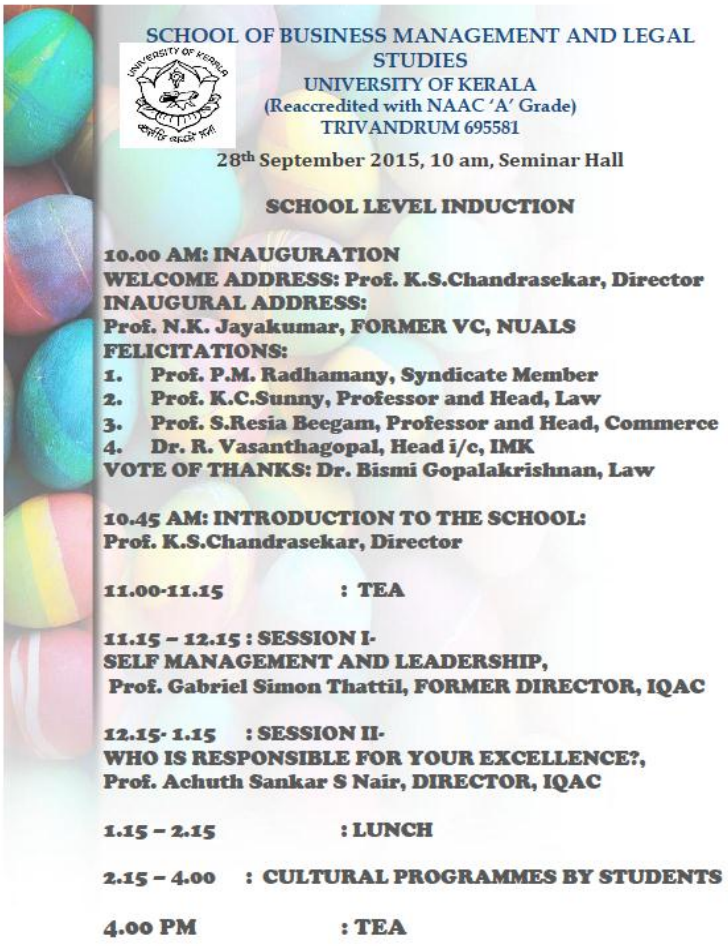
The Programme started at 10.30 am. All the 1st Semester Students and all the Faculty members (Teaching & Technical) of the three constituent Departments were present for the function. Dr. M. Wilscy, Director(i/c), School of Technology, Professor and Head, Department of Computer Science addressed the gathering and gave a detailed introduction to the School of Technology, its functions, and scope for collaboration among the different constituent departments. She also gave a brief description about the Computer Science Department, the courses offered by the department, the research going on, and the achievements of students. She also introduced the faculty members of the department to the

audience. After that Dr. Mahadevan Pillai, Professor and Head, Department of Optoelectronics,introduced the Optoelectronics department, the activities in the department, the courses offered, the research areas, and achievements. He also introduced the faculty members of the department to the gathering.

Dr. Manoj Changatt, Professor and Head, Department of Future Studies, gave a detailed overview of the Futures Studies department, the courses offered, various research activities, and their collaboration with foreign Universities. He also introduced all the faculty members of the department and their achievements.

After the tea break, an eminent personality Dr. V.P.N Nampoori, Visiting Professor, Department of Optoelectronics delivered a talk on "Optical Computing". He gave an overview of the photons, optic circuits, light technology etc. He also gave basics about different optical computing elements. The meeting came to end with vote of thanks by Ms. Thara Praphakaran, Assistant Professor, Department of Future Studies.

### 3.4 School of Business management & Legal Studies



### 3.5 School of Indian Languages

School Level Induction Programme, conducted on 8th September 2015 was inaugurated by Dr.R.Jayachandran, Senate Member and Head of Department of Hindi. Heads of all constituent departments participated in the programme and introduced their faculty members and gave information on the courses which are offered by the departments.Programme concluded with variety of cultural programmes by the students.The meeting of Department heads on 17-10-2015 decided that each department should conduct half day programme for newly enrolled students of Constituent departments, for briefing the History of the department and current status, the contribution of the department as well as the contribution of the faculty. The First programme in this series was conducted by Oriental Research Institute and Manuscript Libray on 4th November 2015.

### 3.6 School of Physical and mathematical studies

School Level Induction Programme Organized by 'The School of Physical and Mathematical Sciences' on 08th September, 2015 at Physics Auditorium, Dept. of Physics Time: 09.30 am. Organizing Departments under the School of Physical and Mathematical Sciences: Chemistry, Physics, Mathematics, Statistics and Demography.

**Agenda**

1. To welcome first year P.G. students and introduce the proud history of all the five departments2. Introducing faculties of every department to the students. 3. To make familiarise the "Credit and Semester System" adopted by University of Kerala

**Report:** The meeting was conducted under the chairmanship of Dr. T. S. Anirudhan, Director of the School of Physical and Mathematical Sciences. The meeting started with registration of First Year P.G. students (2015-2017 batch) at 09. 30 am. A total of 12, 16, 21, 7 and 6 students from chemistry, physics, mathematics, statistics and demography departments registered, respectively by entering their name, address with email id and signature. The official meeting started with the welcome speech by Dr. P. Mohanachandran Nair, Head, Department of Demography. The following faculties were present and introduced themselves to the audience:

1. Dr. T. S. Anirudhan
2. Dr. S. M. A. Shibli
3. Dr. C. V. Suneesh
4. Dr. E. G. Jayasree
5. Dr. Anideepthi
6. Dr. C. Satheesh Kumar
7. Dr. P. Mohanachandran Nair
8. Dr. Anil Chandran S
9. Dr. E. I. Abdul Sathar
10. Dr. G. Lesitha
11. Dr. Sibi. K. S.

12. Dr. Subodh G.

1. The Director to 'the School of Physical and Mathematical Sciences'- Dr. T. S. Anirudhan, then presented a brief overview about the 'Credit and Semester System (CSS)' to the audience. In the presentation, the speaker introduced the Hierarchy of University governance, benefits and demerits of yearly system and a comparison between yearly and semester system, the minimum and maximum credits required for the successful completion of P.G. course, various cells operating within the university, procedure adopted for the approval of syllabus for P.G. courses, importance of academic calendar and timely completion of the course, the conduct of examination and evaluation, etc. The session was followed by an interaction where faculties and students cleared their doubts about CSS system.
2. The session was followed by felicitation of a senior Professor of Statistics, Dr G. Lesitha, where she blessed all students and gave a brief description about importance of education in the modern world.
3. The formal meeting ended with a brief note by Dr. K. S. Sibi, the faculty from the Department of Physics and also a former student, by sharing his experiences with students.
4. The meeting ended with tea and snacks at 12.30 pm.

# 4. Dept level Induction Programmes

The following Departments organised Dept level Induction Programme

4.1 Dept. of Aquatic Biology & Fisheries
4.2 Dept. of Commerce
4.3 Dept. of Computer Science
4.4 Dept. of Computational Biology & Bioinformatics
4.5 Dept. of Economics
4.6 Dept. of Environmental Science
4.7 Dept. of Geology
4.8 Dept. of Islamic History
4.9 Dept. of Political Science
4.10 Dept. of Sociology
4.11 Dept. of Statistics
4.12 Dept. of Zoology

### 4.1 Report of Dept. of Aquatic Biology & Fisheries

Induction Programme for MSc Aquatic Biology & Fisheries Batch (2015-17 batch) was organised by the Department as a **five-day programme**. The fresh students were invited to the Department on 3rd September 2015 by the Head of the Department Dr A Biju Kumar, and he presented a shot history of the Department to the students and parents assembled in the Department on the first day of admission. Motivation speeches were delivered by the faculty members Dr Pramod Kiran, Dr Sobhanakumar and Dr Suvarna Devi. This was followed by mutual introduction by the students. In the afternoon the students were introduced to Department Library services by Ms. Vasudha T (Asst Librarian- Gr I).

In the second day, 4thSeptember 2015, a programme titled "**Face-to-face with researchers"** was organised, where post-doctoral students and research scholars of the Department interacted with the fresh students. The researchers made 5 minutes presentations of their work, relevance of the work, their passions and dreams in research. This wonderful interactive session was followed by the visit of students to various research labs in the Department and the programme was co-ordinated by Dr.Dhaneesh RV., UGC Kothari Post-Doctoral Fellow.

On 7th September 2015 all the students participated in the University Level Induction Programme held at the Senate hall, University of Kerala. On 8th September 2015 students continued their lab visit and library visit, while on 9th September 2015 Dr. M. Santhosh, Principal Scientist, CMFRI, Vizhinjam delivered a talk on Career options in Fisheries. This was followed by a lecture on Statistics and fisheries by Dr. Kurian Mathew Abraham, Mar Thoma College, Thiruvalla.

A programme titled **"Face-to-face with distinguished professors/alumni of the Department"** was organised on 10th September 2015. Dr. P. Natarajan , Former Head, Dept. of Aquatic Biology and Professor of Environmental Sciences &Director,Centre for Aquaculture, Training, Education/Extension and Research (CATER), Ambo University, Ethiopia; Prof. PK Abdul Aziz, Formerly Vice Chancellor, Aligarh Muslim University, Cochin Univ. of Science and Technology and UST Meghalaya; Dr. S. BijoyNandan, Department of Marine Biology, Microbiology & Biochemistry, School of Marine Science, Cochin University of Science & Technology and Dr G. Prasad, Head, Department of Zoology, University of Kerala interacted with students.

On 14th September 2015Students were also introduced to Club activities of the department, which included Aquarium club, Debate and Skill acquisition club, Culture club, and nature club. There were also special lecture on preparation of assignments and making powerful presentations by Dr A Biju Kumar.

In each day, the students prepared feedback reports and submitted the same to the Department. This induction programme, the first of its kind organised on a large scale by the Department, helped the students to get acquainted with the history and activities of the Department and they were motivated hearing the great alumnus of the Department.

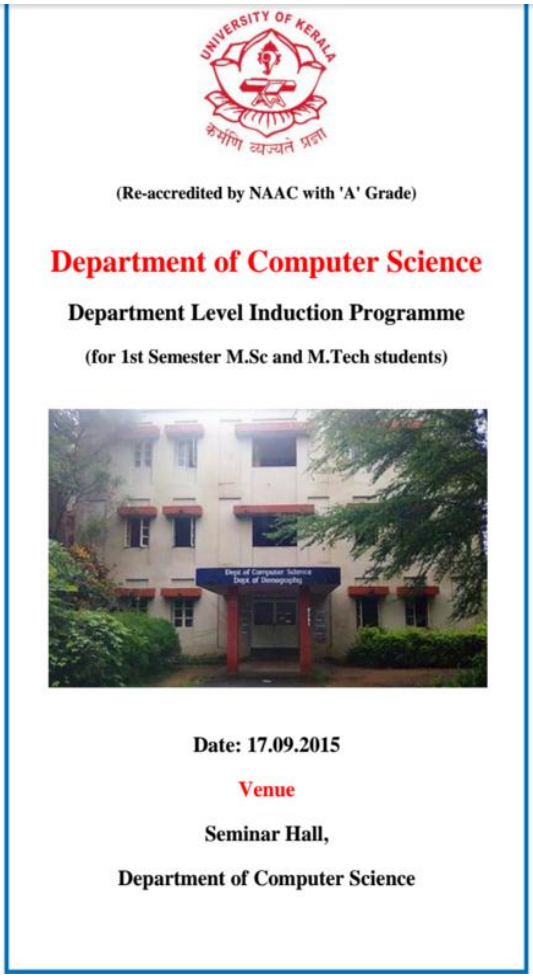
## 4.2 Report of Dept of Commerce

Induction Programme for the 1st M.Com students at Department of Commerce, School of Business Management & Legal Studies, University of Kerala

| Date | Theme | Resource Person |
|---|---|---|
| 08/09/2015 Forenoon | Communication Dynamics | Mr. Senthil Kumar Madhavan |
| Afternoon | Skill Development Activities & Feedback | Mr. Senthil Kumar Madhavan |
| 09/09/2015 Forenoon | Team Building | Mr. Aby Tellas |
| Afternoon | Leadership Styles | Dr. Angelo Mathew Panathapuram |
| 10/09/2015 Forenoon | Self Management | Prof. Gabriel Simon Thattil |
| Afternoon | Career Planning & Development | Prof. Gabriel Simon Thattil |

## 4.3 Report of Dept. of Computer Science

The Induction Programme of the Dept. of Computer Science is scheduled on 17-09-2015



(Re-accredited by NAAC with 'A' Grade)

**Department of Computer Science**

**Department Level Induction Programme**

**(for 1st Semester M.Sc and M.Tech students)**

**Date: 17.09.2015**

**Venue**

**Seminar Hall,**

**Department of Computer Science**

**Programme Schedule**

| | |
|---|---|
| 10.00 am | **Prayer** |
| | **A Brief Profile of the Department** |
| | by Dr. M. Wilscy<br>Professor and Head,<br>Department of Computer Science. |
| | **Introduction of Teaching and Non-Teaching Staff of the Department** |
| 10.30 am - 12.30 pm | |
| | **Talk on Self Esteem** |
| | by Rev. Fr. Joy James,<br>Prof. (Rtd.) and Manager,<br>Loyola College of Social Sciences,<br>Thiruvananthapuram. |
| **Lunch Break** | |
| 2 pm - 3 pm | **Introduction to Library and e-Resources** |
| | by Mr. Jyothi Babu G.,<br>Librarian,<br>Department of Computer Science. |
| 3 pm - 4pm | **Experience sharing by Senior Students** |

The Department of Computer Science, University of Kerala conducted the Induction Programme for first semester M.Tech. and M.Sc. students on 17th of September 2015. The programme was attended by first year M.Tech. and M.Sc. students, Research Scholars and staff members of the department.

The programme started at 10.00am with a prayer. After the prayer Dr. M. Wilscy, Professor and Head, Department of Computer Science, presented a brief profile of the department. The HoD introduced teaching and non-teaching staff members and research scholars to the first year students.

After the introductory session, Rev. Fr. Joy James, Prof. (Rtd.) and Manager of Loyola College of Social Sciences delivered a talk on “Self Esteem”. The talk focused on social issues existing among teenagers and the ways of improving one's self esteem and self confidence. The programme adjourned for lunch break at 12.30pm.

The programme resumed at 2pm after the lunch break. Mr. Jyothi Babu, Librarian, Department of Computer Science, delivered a talk on “Introduction to Library and e-Resources”'.

The next session was experience sharing by senior students. Ms. Neethu Vijayan, 2nd year M.Tech. student and Ms. Arathy G. Vijayan, 2nd year M.Sc. student shared their experience in the department to the juniors. During the session, they briefed about the curriculum, various extra-curricular and co-curricular activities of the department etc. The programme came to an end at 4.00pm.

**4.4 Report of Department of Computational Biology & Bioinformatics**

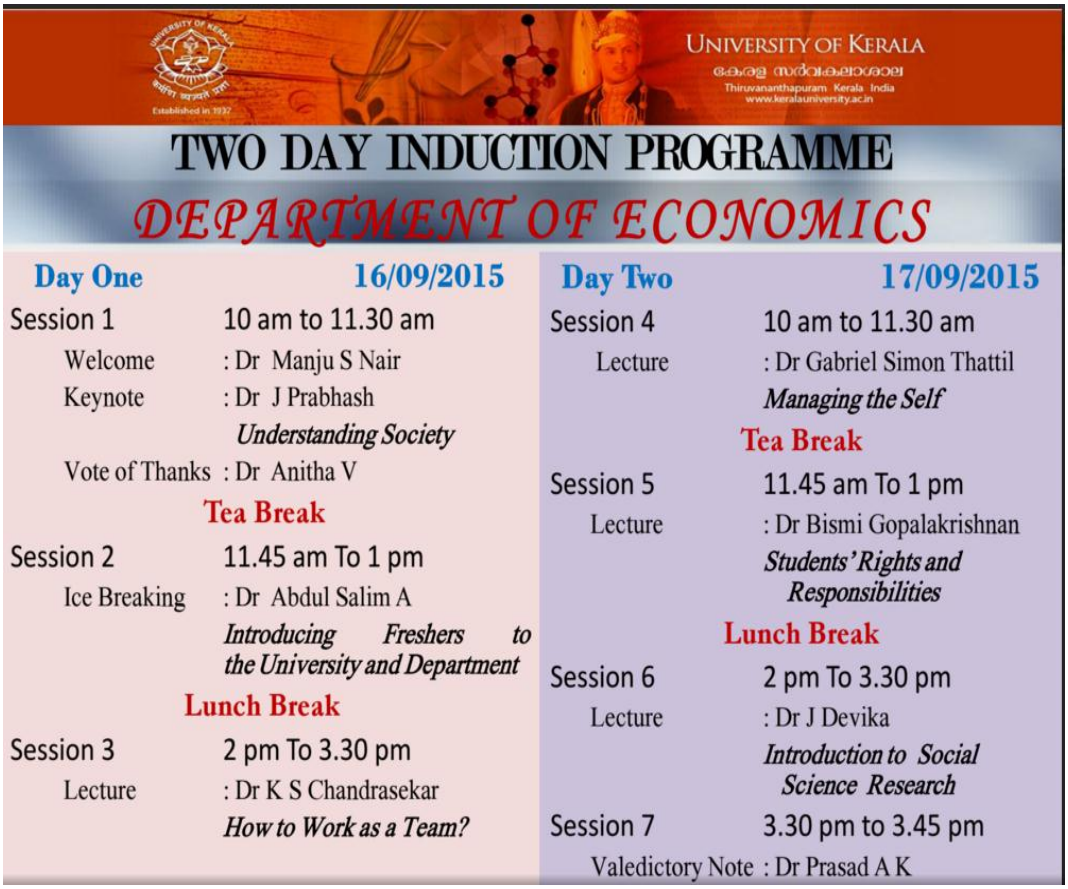
The Department of Computational Biology& Bioinformatics conducted a 5-day induction programme from 17th to 24th September 2015, for the new batch of MPhil Bioinformatics and MPhil Computer Aided Drug Design students. The programme was aimed at orienting the students towards the university system of education as well as providing tips for personal and professional development.

The programme was inaugurated by Dr. B. Anil, Barton Hill College, Trivandrum. He talked about his academic and administrative experiences, and also provided ideas on intuitive thinking, team work dynamics, tips for enhancing self-confidence etc. Another important session was by Prof. N.K Sathyapalan, eminent educationalist and former Head, SCERT, Govt. of Kerala. He has explained various concepts in teaching including Blooms Taxonomy and its applications in designing curriculum. He has also given an account ofMultiple intelligence theory and the learning techniques associated with it. Dr.Soniya George, Dept. of Psychology, Govt. College for Women, Trivandrum engaged a session on Psychology of Individual differences and its impact of personality and learning in particular. Another important session was by Mr.Harikrishnan, Skill Development Executive, Govt. College, Attingal on Personality development and Soft skill development.

Besides the sessions by external resource persons, a number of talks were given out by the faculty and researchers of the Department. A couple of sessions including Principles of assessment and evaluation, managing examination anxiety and stress management and motivational & classic reading was taken by Dr.Achuthsankar S. Nair, Head of the Department. Ms. Rani J R, Lecturer has given an introduction to the faculty, administrative staff and project staff of the institution while a talk on History of the Department and life @ the Department was given out by Ms.Sunitha P. Dr.Aswathi B L taken a session on Active listening & questioning while Ms.Shanitha A provided tips for developing time management skills. Mrs.Biji CL, Research &Teaching Associate has given an account on creativity & critical thinking. Mr.HareeshNamboodiri introduced the various email groups at the department while Ms.AparnaAsok taken a session on internet etiquettes.

As the part of the induction programme, a visit to TechnoPark was organised. The students visited UST Global, a well-known IT company, and got an idea about the work culture and opportunities. An introduction to the DCB library was given by Ms.Binimol, Librarian. A visit to the campus library was also organised. The induction programme concluded with a post-induction test to evaluate the information and understanding gathered by the students.

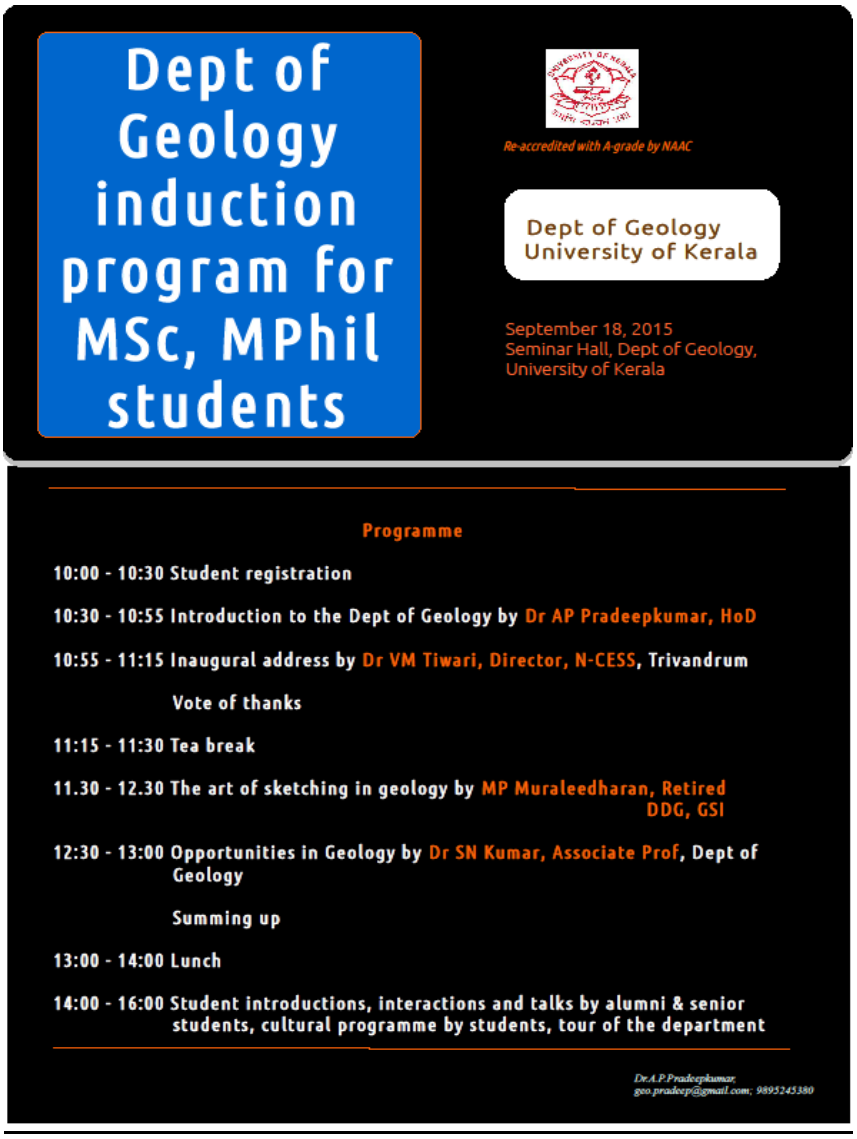
### 4.5 Report of Dept. of Economics

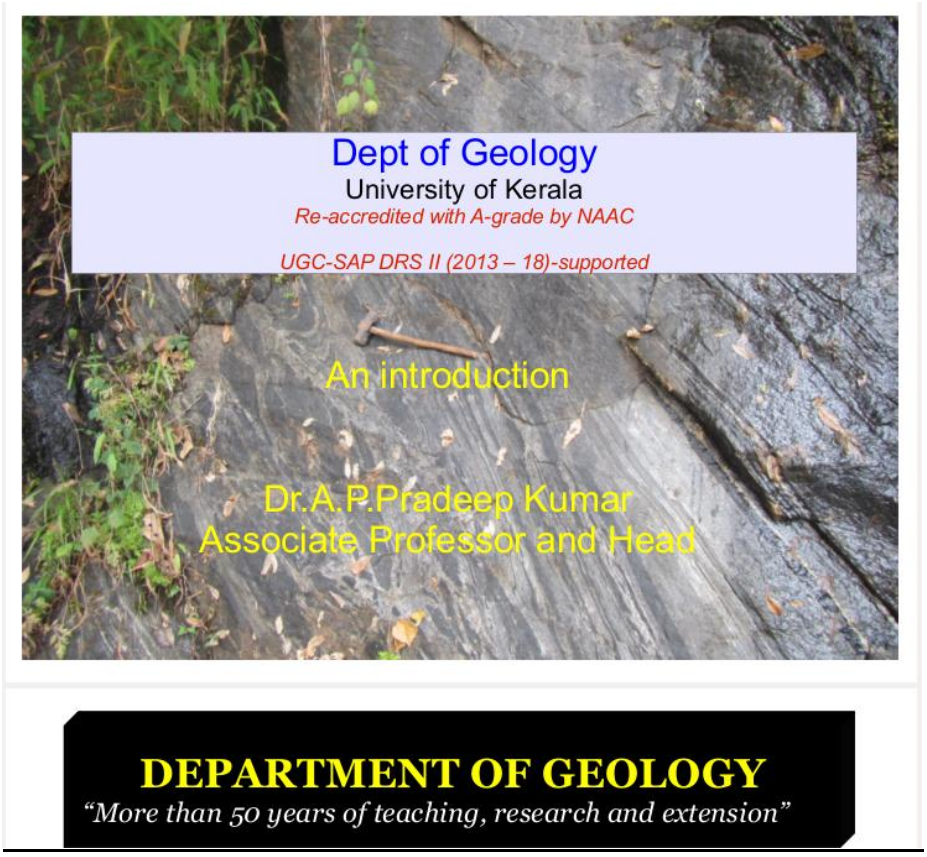


## 4.6 Report of Dept. of Environmental Science

As per the decision of the Dept. Staff Council held on 4th September 2015, the Department of Environmental Sciences jointly with Students Skill Acquisition Club has organised an invited lecture on '**Personality Development and Soft Skill Development**' by **Dr. Mathew Jacob**, Rtd. Head, Department of Geology, S. N College, Varkala on **September 9th, 2015** as a part of 3 tier induction programme for the newly admitted PG students. The Programme started at 2.00 p.m in the Seminar Hall of the Department with a welcome by Dr.Jaya D.S, Head of the Department. She gave a briefing about the Department and the papers in the M.Sc course. The invited speaker, Dr. Mathew Jacob then delivered an enlightening lecture on 'Personality Development and Soft Skill Development'. All the participants actively participated in discussions and appreciated the lecture. Dr. Sabu Joseph delivered the Vote-of-Thanks, and the programme came to an end by 4.30 p.m.

## 4.7 Report of Dept. of Geology





*An introduction to the department by the Head of Dept Dr A P Pradeepkumar*

The Dept of Geology conducted the induction programme for its MSc and Mphil students on 18 Sept 2015. All the MSc, Mphil and PhD students of the department, as well as the staff and the faculty members took an active role in it. The highlight of the induction was the self introductions by the new entrants. This brought out the vitality and latent talents that the students posses. The senior MSc students made the freshers feel at home by welcoming them with refreshing cultural programs. The inaugural address by Dr Virendra M Tiwari was short, succint and knowledgeable. This was the first function that the new director of the NCESS, which was recently taken over by MoES, Govt of India, was taking part outside the NCESS.

Post inauguration group photo

Sri MP Muraleedharan, Retd Dty Dir General of the Geological Survey of India who is an avid cartoonist and artist conducted a very lively interactive, handson session on **How to do field sketches in geology field work?**

The final program of the induction was a talk by Dr SN Kumar of the department. His talk threw light on the varied openings indifferent organizations the world around, for geologists **'Job opportunities for postgraduates in geology'.**

A separate induction programme (16 Oct 2015) was conducted for the first foreign student in the history of the Dept of Geology: Omer Mohamedahmed Yusuf Adam of Sudan. He joined the department after the first induction program.

**4.8Report of Dept. of Islamic History**

The department level induction programme of the department of Islamic (History) Studies was held on 15 September 2015 Tuesday at 10 am in the seminar hall of the department. Noted scholar Dr. P Mohandas, Member, Kerala Public Service Commission spoke on the perspectives on History.

**4.9 Report of Political Science**

The Department of Political Science, University of Kerala had organized a five-day department level Induction Programme for the newly admitted M.A. Political Science students of the University from 9 to 15 September 2015 at the Kariavattom Campus. All the twenty five first semester students of MA programme in Political Science participated the five day induction programme. The primary purpose of the programme was to motivate Political Science students to learn and understand the subject in the most effective way. Learning of Social Sciences is of critical significance as many of the contemporary issues that plague the society are the result of our collective failure to understand and analyse the transformations taking place in the society. Without understanding the social, political and economic context in which one lives, no society can progress. The achievements in science and technology could be better utilised if only the ills and evils of society are properly diagnosed and effectively addressed. Keeping these objectives in mind, the programme is focussed to help students to familiarise with the contemporary methods and practices of learning Political Science. The classes are conducted on a wide range of topics such as philosophy of knowledge, academic reading and writing, research methodology, contemporary trends and frontier areas in social sciences, opportunities for

higher education and career in social sciences, relationship between society and environment, creativity and critical thinking, information skills for higher education and personality development. In addition daily sessions of the five day induction programme begun with 30 minutes Yoga practice. On the fifth day the best participant in the Induction Programme was selected and presented the Head of Departments Trophy. All the successful participants were given certificates on 15/09/2015.

Ambassador M.K. Bhadrakumar, Dr.S SathisChandran, Dr Alexander Jacob IPS, Prof. J Prabhash, Shri Mir Muhamad IAS, Prof. Vijayakumar, DrManju S Nair, DrBismiGopalakrishnan, Prof. Achuthsankar S. Nair, Dr. T. S. Anirudhan, Dr.Sathishkumar, Dr.Saiful Islam A., ShriSriram, Dr. ShajiVarkey, Prof. Joy James, DrAnuUnny, and Dr. R. Suresh, had conducted various sessions. In addition, the programme had also introduced the students to various academic facilities and libraries in the campus and in Thiruvananthapuram city. **Ambassador M. K. Bhadrakumar** had inaugurated the programme on 09 September 2015 and **Shri K. R. Jyotilal IAS**, Secretary, General Administration Department; Government of Kerala had delivered the valedictory address and distributed the certificate to the successful participants of the programme on 15 September 2015 at the Department of Political Science, Kariavattom campus.

## Programme

**Day 1 – Wednesday 09 September 2015**
**9.30 a.m. – 10.00 a.m. Registration**
**10.00 a.m. – 11.15 a.m. Inauguration**
Welcome - **Dr Suresh R.** (Convener, Induction Programme)
Presidential Address- **Dr J. Prabhash**(Professor & Head, Dept. of Political Science)
Inaugural Address - **Ambassador M. K. Bhadrakumar**
Vote of Thanks - **DrAnuUnny**(Assistant Professor, Dept. of Political Science)
**Day 1 – Wednesday 09 September 2015**

| Session | Resource Person | Topic | Timing |
|---|---|---|---|
| **I** | **Dr. AnuUnny Assistant Professor, Dept. of Political Science, University of Kerala** | **Exposure to Campus & Introduction to Academic Programmes** | **11.30 a.m. – 1.00 p.m.** |
| **II** | **Dr T.S. Anirudhan Vice Chairman, C.S.S. & Professor, Dept. of Chemistry, University of Kerala** | **C.S.S.: An Overview** | **2 00 p.m. – 4.00 p.m.** |

**Day 2 – Thursday 10 September 2015**

| Session | Resource Person | Topic | Timing |
|---|---|---|---|
| III | Dr S. SathisChandran Environmentalist | Society &Environmental Issues | 10.00 a.m. – 12 00 noon |
| IV | DrBismiGopalakrishnan Assistant Professor, Dept. of Law, University of Kerala | Human Rights Issues | 12 00 to 1 00 pm |
| V | Dr K. Satheesh Kumar Associate Professor Department of Futures Studies, University of Kerala | Information and Communication Technology for Higher Education | 2 00 p.m. – 3.30 p.m. |
| VI | Dr Suresh R Associate Professor, Dept. of Political Science, University of Kerala | Career Opportunities in Social Sciences | 3 30 p.m. – 4.30 p.m. |

**Day 3 – Friday 11 September 2015**

| Session | Resource Person | Topic | Timing |
|---|---|---|---|
| VII | Dr P. Vijaya Kumar (Professor of English) | Politically Yours, English How and why we should learn English | 10.00 a.m. 12 45 p.m. |
| VIII | Shri Mir Muhamad IAS, Director Land Survey Department, Govt. of Kerala | A pathway to Indian Administrative Service | 2.00 p.m. 3.30 p.m. |
| IX | Dr. Saiful Islam Associate Professor, Dept. of Political Science, University of Kerala | Philosophy of Social Science | 3. 30 p.m. – 4.30 p.m. |

**Day 4 – Monday 14 September 2015**

| Session | Resource Person | Topic | Timing |
|---|---|---|---|
| X | Dr E Vekatesu Associate Professor, Dept. of Political Science, University of | Reservation policy in India | 10.00 a.m. – 11.30 a.m. |

| | | | |
|---|---|---|---|
| | **Hyderabad** | | |
| **XI** | **DrAchuthsankar S. Nair Prof. & Head, Dept. of Computational Biology & Bioinformatics** | **Creativity & Critical Thinking** | **11.30 a.m 1.00 p.m.** |
| **XII** | **Prof. Joy James, Manger, Loyola College, Sreekariyam** | **Self-Awareness & Self Esteem** | **2 00 p.m. – 3 30 p.m.** |
| **XIII** | **DrShajiVarkey Associate Professor, Dept. of Political Science, University of Kerala** | **Frontier Areas in Social Science** | **3 30 pm – 4 30 pm** |

**Day 5 – Tuesday 15 September 2015**

| Session | Resource Person | Topic | Timing |
|---|---|---|---|
| **XIV** | **Professor J Prabhash Professor, Dept. of Political Science, University of Kerala** | **Understanding Society** | **10.00 a.m – 11 30 am.** |
| **XV** | **Dr Alexander Jacob IPS Former ADGP, Kerala Police** | **Good Governance** | **11 30 am to 1 00 pm** |
| **XVI** | **Shri V. Sriram, Chief Librarian, CDS** | **E Resources, Literature Review, Bibliography** | **2 00 pm – 3 30 pm** |

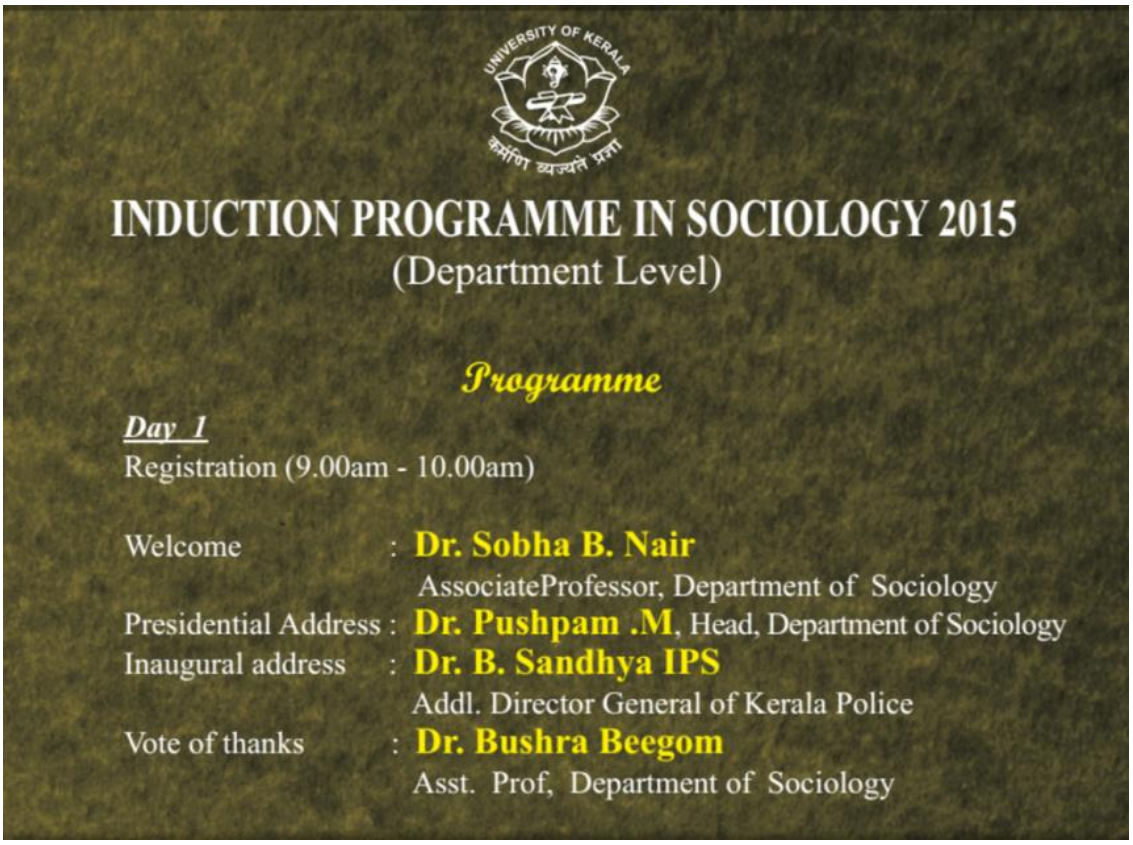
**Valedictory Session**
**15 September 2015 Tuesday 3 00 pm to 4 00 pm**
**Welcome - Dr K. M. Sajjad Ibrahim, Associate Professor, Dept. of Political Science**
**Presidential Address - Dr Suresh R Associate Professor, Dept. of Political Science**
**Valedictory Address-Shri K. R. JyothilalIAS , Secretary, GAD, Govt. of Kerala**
**Feedback from the Participants & Certificate Distribution**
**Vote of Thanks – DrAnuUnny, Assistant Professor, Dept. of Political Science**
**Tea Break - 11.25 a.m. – 11.30 a.m. & 3.25 p.m. – 3.30 p.m.; Lunch Break- 1.00 pm – 2 00 pm; Sept. 12 & 13 Holiday**

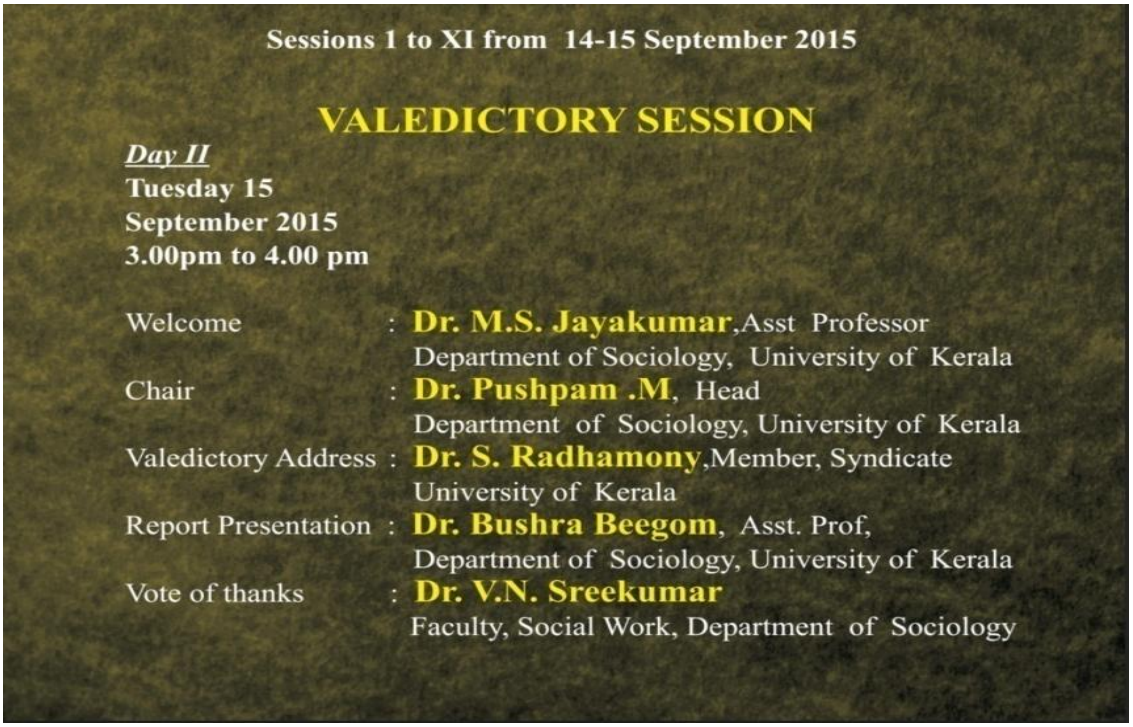
**Daily Yoga Practice from 09 00 am to 9 30 am – Miss Aswani R. S., Ph D Research Scholar**

**Daily Cultural Programme by the participants from 4 30 pm to 5 30 pm**

**Feedback from the participant was collected on 15 September 2015 :**The feedback collected from the participants shows that area covered in the induction programme as well as the resource persons are of great help in equipping the newly joined students not only to get acquitted with the University system but also to broaden their understanding about the society and polity. Some of them suggested arranging field visit to nearby villages and village panchayath offices. They also suggested devoting one day for cleaning and planting trees in the campus and visit to the University main office at Palayam and interactions with officials. They have also opined that the yoga classes were very effective to enhance concentration in their academic activities. The Best Participant award and Merit Certificate was presented to Miss Anuja A S and all the participants were given Certificate of Participation.

## 4.10 Report of Dept. of Sociology

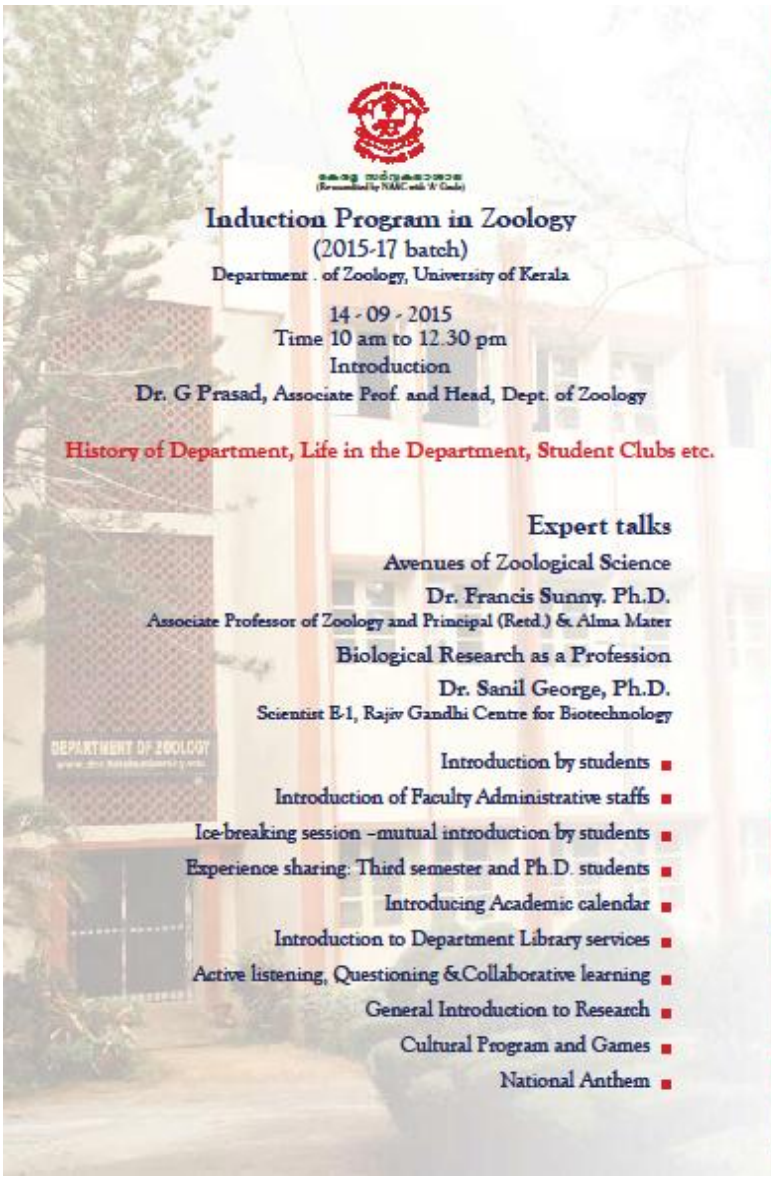





**4.11Report of Dept. of Statistics**

The department Level Induction Programme of the Department of Statistics, University of Kerala was conducted on 09 September 2015. All the members of the Staff (both teaching and non-teaching) participated in the programme. All the first semester students and staff members introduced themselves and Head of the Department gave detailed information regarding the department history, resources available in the department, scope of the subject, brief outline of the syllabus and mode of evaluation. The doubts of the Students in respect of both the academic and administrative aspects have been clarified by the staff members of the department

## 4.12 Report of Dept. of Zoology



# APPENDIX



## The University of Kerala Annual Student Survey

*This is an **anonymous** survey. You need NOT reveal your identity. The purpose of the survey is to understand the student population. If you do not understand any question, please circle the same. Thank you for your time.*

### A. General

1. Name of the Dept.: .....

2. Your Age / DoB: ..... 3. Gender: ☐ Male ☐ Female

4. Your District: ..... 5. Your State: .....

6. Do you wish to stay in hostel? ☐ Yes ☐ No 7. Blood Group: .....

8. What is the distance from place of stay to dept. *(one way, in Kms)*? ..... 9. Mother Tongue: ☐ Malayalam ☐ Tamil ☐ Hindi ☐ Other

10. How do you propose to travel? ☐ KSRTC ☐ Uty. Bus ☐ Train ☐ Own Vehicle

### B. Social & Family Background

1. What is your mother's profession? ☐ Govt. Servant ☐ Private ☐ Retired ☐ Self-employed ☐ Other: .....

2. What is your father's profession? ☐ Govt. Servant ☐ Private ☐ Retired ☐ Self-employed ☐ Other: .....

3. The Highest Level of Education of your mother: ☐ PhD. ☐ Masters ☐ Bachelors ☐ +2/Pre-degree ☐ SSLC ☐ Other: .....

4. The Highest Level of Education of your father: ☐ PhD. ☐ Masters ☐ Bachelors ☐ +2/Pre-degree ☐ SSLC ☐ Other: .....

5. Which category you belong to? ☐ Open ☐ SC ☐ ST ☐ OBC ☐ OEC

6. How many sibling (brothers/sisters) do you have? ..... 7. Who finances your education? .....

8. Have you already worked and made earnings? ☐ Yes ☐ No 9. Monthly income of parents:

10. Do you face any crisis in family? *(Like separated parents, chronic diseases, debts etc.)* ☐ Yes ☐ No

11. Do you have any serious health problem(s)? ☐ Yes ☐ No 12. Do you own a vehicle? *(Bike, Auto, Car etc.)* ☐ Yes ☐ No

13. Do you wear spectacles? ☐ Yes ☐ No 14. Are you a vegetarian? ☐ Yes ☐ No

15. Did you get any fellowship/stipend for you in BA/BSc./BCom.? ☐ Yes ☐ No 16. Is your family Ration Card BPL? ☐ Yes ☐ No

17. Did you face attendance shortage in BA/BSc./BCom.? ☐ Yes ☐ No 18. Do you have an Aadhar Card? ☐ Yes ☐ No

## C. Educational Background

| | | | |
|---|---|---|---|
| 1. What was your 10th std. stream? | ☐ Govt. School – SSLC<br>☐ CBSE | ☐ Aided School - SSLC<br>☐ ICSE | |
| 2. Your medium of study in 10th std.: | ☐ Malayalam | ☐ English | ☐ Other: ..... |
| 3. Your marks/grade in 10th std.: ..... | | 4. Did you study in a mixed school at +2? | ☐ Yes ☐ No |
| 5. Did you study in a Sainik School? | ☐ Yes ☐ No | 6. Did you study the group that you wanted/wished in plus two? | ☐ Yes ☐ No |
| 7. Did you study the UG degree in the subject you wanted/wished? | ☐ Yes ☐ No | 8. Which year did you pass UG (BA, BSc., BCom. etc.)? ..... | |
| 9. Did you pass your UG in the first chance? | ☐ Yes ☐ No | 10. Did you study in a mixed college? | ☐ Yes ☐ No |
| 11. Did you ever write Medicine / Engineering Entrance Exam? | ☐ Yes ☐ No | 12. If you did, what was your rank? | MED.: .....<br>ENGG.: ..... |

## D. Admission Process

| | | | |
|---|---|---|---|
| 1. What made you join University of Kerala? | ☐ Your own choice<br>☐ Based on classmate's advice<br>☐ Based on other: | ☐ Based on parent's advice<br>☐ Based on teacher's advice | |
| 2. How did you know about the PG programme of University of Kerala? | ☐ Newspaper<br>☐ Word of mouth | ☐ UoK website<br>☐ Social media | ☐ Other websites<br>☐ Others: |
| 3. Was University of Kerala your first choice for PG studies? | ☐ Yes ☐ No | 4. Did you make the on-line application yourself? | ☐ Yes ☐ No |
| 5. Were you informed of entrance exam date sufficiently in advance? | ☐ Yes ☐ No | 6. What month would you have preferred for the entrance exam? ..... | |
| 7. Do you think University of Kerala is an excellent institution? | ☐ Yes ☐ No | 8. Did you apply to other university depts.? (Calicut / Kannur / MG) | ☐ Yes ☐ No |
| 9. Did you apply to affiliated college(s)? | ☐ Yes ☐ No | 10. Did you apply to any other institution/university outside Kerala? | ☐ Yes ☐ No |

## E. Life / Outlook

1. Which is the most influential book that you have read? .....
2. Name a person who has influenced you most in your life (other than parents)? .....
3. What is your favorite food? .....
4. If you were a *plant* you would wish to be which plant? .....
5. If you were a *bird* you would wish to be which bird? .....
6. If you were a *color* you would wish to be which color? .....
7. If you were a *machine* you would wish to be which machine? .....

8. If you were a *scientist* you would wish to be which scientist? .....

9. If you were a *poet* you would wish to be which poet? .....

10. If you were a *historic per* you would wish to be historic figure? .....

11. What keeps you happy? .....

12. What troubles you a lot? .....

13. What is your biggest dream? .....

14. If you were to suggest a pure Malayalam word for balloon, what would it be? .....

15. Which of the following are the biggest threats? ☐ Pesticide in food ☐ Corruption ☐ Waste disposal ☐ Communalism ☐ Terrorism ☐ Environmental pollution ☐ Others: .....

16. Have you played any leadership role in school / college / society before? ☐ Yes ☐ No

17. In last 3 years, which of the following did you do?

| | | | |
|---|---|---|---|
| Taught a fellow student | ☐ Many times | ☐ Sometimes | ☐ Never |
| Smoked cigarettes | ☐ Many times | ☐ Sometimes | ☐ Never |
| Felt depressed | ☐ Many times | ☐ Sometimes | ☐ Never |
| Had discussion with teacher after class hours | ☐ Many times | ☐ Sometimes | ☐ Never |
| Asked a question in class | ☐ Many times | ☐ Sometimes | ☐ Never |
| Came late to class | ☐ Many times | ☐ Sometimes | ☐ Never |
| Fell asleep in class | ☐ Many times | ☐ Sometimes | ☐ Never |
| Used internet to learn | ☐ Many times | ☐ Sometimes | ☐ Never |

18. What do you understand by the word '*innovation*'? .....

19. What do you understand by the word '*quality*'? .....

20. What do you understand by the word '*excellence*'? .....

## F. Higher Studies / Career

1. When you get a job, what is the minimum salary that you expect? ☐ 3,000 ☐ 8,000 ☐ 15,000 ☐ 5,000 ☐ 10,000 ☐ 25,000

2. Do you plan to join for MPhil.? ☐ Yes ☐ No

3. Do you have plan to join for PhD.? ☐ Yes ☐ No

4. Will you try for Civil Service? ☐ Yes ☐ No

5. Are you confident to face interviews? ☐ Yes ☐ No

6. Have you ever dreamt of starting a company/industry of your own? ☐ Yes ☐ No

7. Are you registered in Employment Exchange? ☐ Yes ☐ No

8. What are the most important characteristics of a good student? .....

9. In your opinion, what are the characteristics of a good teacher? .....

10. What is your dream job? .....

## G. Technology Use

| | | | |
|---|---|---|---|
| 1. Which social media accounts you regularly use? | ☐ Facebook ☐ Google+ ☐ WhatsApp ☐ Academia.edu ☐ LinkedIn ☐ Twitter ☐ ResearchGate | | |
| 2. Do you own a mobile? | ☐ Yes ☐ No | 3. Is the mobile a smartphone? | ☐ Yes ☐ No |
| 4. Do you have more than one email? | ☐ Yes ☐ No | 5. Do you have a website/blog? | ☐ Yes ☐ No |
| 6. Do you have a bank account? | ☐ Yes ☐ No | 7. Is it internet banking enabled? | ☐ Yes ☐ No |
| 8. Do you own a laptop / desktop? | ☐ Yes ☐ No | 9. If yes, name the OS: ☐ Linux | ☐ Windows |
| 10. Have you published anything before? | ☐ School/college Magazine ☐ Newspaper ☐ Online Portal / Blog ☐ Weekly ☐ Book ☐ Seminar ☐ None | | |

## H. Youth Activities

| | | | |
|---|---|---|---|
| 1. List any three of your favorite hobbies | 1. ..... 2. ..... 3. ..... | | |
| 2. Do you plan to take part in University Youth Festival as a contestant? | ☐ Yes ☐ No | 3. If yes, which item? ..... | |
| 4. Are you interested in joining NSS? | ☐ Yes ☐ No | 5. Do you practice Yoga? | ☐ Yes ☐ No |
| 6. Have you represented college in any sporting event? | ☐ Yes ☐ No | 7. Sports item that you are most interested in: ..... | |
| 8. Have you ever donated blood? | ☐ Yes ☐ No | 9. Are you involved in any social service / charitable activities? | ☐ Yes ☐ No |
| 10. Would you wish to start a company of your own if the university gave you space and support? | ☐ Yes ☐ No | | |

## I. Soft Skills, Additional Skills / Training

| | | | | |
|---|---|---|---|---|
| 1. Which languages do you write? | ☐ Malayalam ☐ English | ☐ Tamil ☐ Hindi | ☐ Others: ..... | |
| 2. Which languages do you read? | ☐ Malayalam ☐ English | ☐ Tamil ☐ Hindi | ☐ Others: ..... | |

3. Which of the following add on/skill courses *(run during evenings or weekends)* would you be interested in? Please tick as many as you wish.

| | | | |
|---|---|---|---|
| ☐ Magic | ☐ Spoken English | ☐ Personality Development | ☐ Arabic |
| ☐ Dance/Drama | ☐ Russian | ☐ Team & Leadership Skills | ☐ German |
| ☐ Cooking | ☐ French | ☐ Creative & Critical Thinking | ☐ Japanese |
| ☐ Music (Vocal) | ☐ Chinese | ☐ Technical Writing | ☐ Sanskrit |
| ☐ Music (Instrumental) | ☐ Hindi | ☐ TV News Reading | ☐ Tamil |
| ☐ Chess | ☐ Public speaking | ☐ RJ and VJ | ☐ Gandhian Thought |
| ☐ Basic IT Skills | ☐ Typewriting | ☐ Painting | ☐ Yoga |

| | | |
|---|---|---|
| 4. What time would you prefer for the above? | ☐ 08.30 – 09.30 AM (Working Days) ☐ 10.00 – 12.00 AM (Saturdays) | ☐ 04.00 – 05.00 PM (Working Days) ☐ Other: ..... |
| 5. For each course what maximum total fee can you afford/month? | ☐ 100 ☐ 250 ☐ 500 ☐ 1000 | |
| 6. What training do you require? | ☐ NET ☐ CSIR/UGC ☐ Civil Service ☐ TOEFL ☐ Others: ..... | |

| | | | | |
|---|---|---|---|---|
| 7. Do you wish the lecturers in your university to give lecture in: | ☐ Malayalam<br>☐ English | ☐ Mix of Malayalam & English<br>☐ Others: ..... | | |
| 8. How confident are you in popular writing in your mother tongue? | ☐ Very confident<br>☐ Not very confident | ☐ Confident<br>☐ Not at all confident | ☐ Moderately confident | |
| 9. How confident are you in English communication? | ☐ Very confident<br>☐ Not very confident | ☐ Confident<br>☐ Not at all confident | ☐ Moderately confident | |
| 10. How confident are you in public speaking in your mother tongue? | ☐ Very confident<br>☐ Not very confident | ☐ Confident<br>☐ Not at all confident | ☐ Moderately confident | |
| 11. How confident are you in public speaking in English? | ☐ Very confident<br>☐ Not very confident | ☐ Confident<br>☐ Not at all confident | ☐ Moderately confident | |
| 12. How you rate your level of self confidence? | ☐ Very confident<br>☐ Not very confident | ☐ Confident<br>☐ Not at all confident | ☐ Moderately confident | |
| 13. How confident are you in arts/cultural activities? | ☐ Very confident<br>☐ Not very confident | ☐ Confident<br>☐ Not at all confident | ☐ Moderately confident | |

## J. General Knowledge

| | | | | |
|---|---|---|---|---|
| 1. Which year was UoK founded? | ☐ 1957 | ☐ 1937 | ☐ 1947 | ☐ 1956 |
| 2. Who is the Chancellor of University of Kerala? | ☐ Justice P. Sadhasivam<br>☐ Sri. Abdu Rabb | | ☐ Sri. Ommen Chandy<br>☐ Dr. P. Radhakrishnan | |
| 3. "One Man, one religion, one god" is the saying of: | ☐ Gandhiji<br>☐ Ayyankali | | ☐ Sreenaraya Guru<br>☐ Vivekanda | |
| 4. Population of India is: ..... Crores | | 5. Population of Kerala is: ..... Crores | | |
| 6. What is the square root of 9? ..... | | 7. What is the square root of 0.9? ..... | | |
| 8. Answer of 0 ÷ 9 = ..... | | 9. Answer of 100 ÷ 0 = ..... | | |
| 10. Answer of -3 x -3 = ..... | | 11. Answer of $(A+B)^2$ = ..... | | |
| 12. Yousuf Malala is a citizen of which country? ..... | | | | |
| 13. Name an Indian who has won Nobel Prize? ..... | | | | |
| 14. Name an Indian who has won Bharat Ratna? ..... | | | | |
| 15. In which field does Vandana Shiva work? ..... | | | | |
| 16. Which is the most populous country in the world? ..... | | | | |
| 17. Who won the last (2015) Cricket World Cup? | ☐ Germany | ☐ Australia | ☐ Brazil | ☐ India |
| 18. Who won the last (2014) Football World Cup? | ☐ France | ☐ Germany | ☐ Argentina | ☐ Brazil |

## K. Logical Reasoning

| | | | | |
|---|---|---|---|---|
| 1. If X is the brother of the son of Y's son, how is X related to Y? | ☐ Cousin | ☐ Son | ☐ Grandson | ☐ Brother |
| 2. In a secret military code, TRIPPLE is written as SQHOOKD. Then how is DISPOSE be written? | ☐ CHRONRD | ☐ DSOESPI | ☐ ESJTPTF | ☐ ESPOSID |
| 3. If 2 workers can clean 2 rooms in 2 hrs, how many workers would be needed to clean 18 rooms in 6 hrs? | ☐ 3 | ☐ 6 | ☐ 9 | ☐ 12 |
| 4. What is the smallest number of persons standing in a queue if there are two persons standing in front of one, two persons behind one and one persons between two? | ☐ 3 | ☐ 5 | ☐ 7 | ☐ 9 |

5. Sudha and Sivan have three children born at intervals of 3 years. If the sum of the ages of the children is 36, what is the age of the youngest child? ☐ 9 yrs. ☐ 3 yrs. ☐ 4 yrs. ☐ None of these

6. Pen is to poet as needle is to: ☐ thread ☐ button ☐ sewing ☐ tailor

7. If A is greater than B, B is less than C, C is not greater than A, what is the biggest one? ☐ A ☐ B ☐ C

## L. Visual Puzzle

1. Identify the personalities and write down their names.

a) ..... b) ..... c) ..... d) ..... e) .....

2. Identify the following art forms.

a) ..... b) ..... c) ..... d) ..... e) .....

PHOTOS FROM COMMON INDUCTION PROGRAMME

3 TIER INDUCTION PROGRAMME
FOR 2015 PG (CSS) ADMISSIONS
5 SEP 07 | SENATE HALL | UNIVERSITY OF KERALA
WITH BEST COMPLIMENTS FROM
DEPARTMENTS UNION, UNIVERSITY OF KERALA

INDUCTION
PROGRAMME
ENATE HALL | UNIVERSITY OF KERALA
TH BEST COMPLIMENTS FROM
NTS UNION, UNIVERSITY OF KERALA
TIER
INDUCTION