Minutes

22nd Meeting of IQAC

Held on 03.03.2022

University of Kerala

Minutes

22nd Meeting of IQAC, University of Kerala

Date: 03.03.2022   Day: Thursday   Time: 4.00 p.m.   Venue: Syndicate Room

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Members:

Present

1. Prof. V. P. Mahadevan Pillai, Vice - Chancellor (Chairman)
2. Prof. P. P. Ajayakumar, Pro Vice - Chancellor (Vice-Chairman)
3. Dr. K.G. Gopchandran, Member, Syndicate
4. Sri. R. Mahadevan, Finance Officer
5. Dr. A. Bijukumar, Vice -Chairman, Credit and Semester System
6. Dr. Vinod Chandra S. S., Director, Computer Centre (i/c)
7. Sri. Jibin Francis, Chairperson, Kerala University Research Students' Union
8. Dr. A. K. Prasad, Professor, Department of Economics
9. Dr. B. Hariharan, Professor and Head, Institute of English
10. Dr. R. B. Binoj Kumar, Professor, Department of Geology
11. Dr. S. Mini, Professor, Dept. of Biochemistry
12. Dr. S. R. Sheeja, Professor, Department of Economics
13. Dr. E. Shaji, Associate Professor and Head, Department of Geology (Joint Director, IQAC)
14. Dr. Gabriel Simon Thattil, Director, IQAC

Absent

1. Dr. S. Nazeeb, Member, Syndicate
2. Dr. K. S. Anil Kumar, Registrar
3. Dr. Unnikrishnan S. M., Associate Vice – President, International Business & Strategic Planning, HLL Life care Ltd, Poojappura.
4. The Chairman, Department Students' Union
5. Dr. Biveesh U. C., Research Officer & Nodal Officer, RUSA State Office, Thiruvananthapuram.
6. Dr. K. S. Chandrasekhar, Professor and Head, Institute of Management in Kerala
7. Dr. Jayachandran R., Professor and Head, Department of Hindi
8. Dr. S. Aji, Associate Professor, Department of Computer Science

Special Invitee

1. Prof. N. Gopakumar, Controller of Examinations
2. Dr. Mini Dejo Kappen, Director, Planning & Development

Items for Consideration

Item No. XXII.01: Approval of the minutes of 21st meeting of IQAC held on 15.12.2021:
The minutes of the meeting were circulated via email through IQAC office and the members have confirmed the same.

Item No. XXII.02: Action Taken Report on decisions of the 21st meeting of IQAC held on 15.12.2021:

	Action Taken
Item No.XXI.03: Item No. XXI.03: NAAC Peer Team Visit(PTV)- Plan of Action As***---IQAC Decision---: The meeting discussed the preparation to be undertaken considering the Peer Team Visit (PTV). The following decisions were taken:* *Arrangements for Vice-Chancellor's Presentation: LED Wall along with other arrangements to be installed in the Syndicate Room. Registrar and Director, Computer Centre to coordinate on the same. The content for the presentation to be prepared by Director, IQAC in consultation with NAAC Directorate Conveners, each criteria Convenor to prepare 10 slides highlighting the most significant details in their criteria. The presentation software to be kept ready, Director, Computer Centre is entrusted for the same.* *Cultural Programmes: Resolved to constitute a committee with following members to submit a proposal for the Cultural Programmes as part of NAAC PTV:* *Pro-Vice-Chancellor (Convener)* *Dr. C. R. Prasad, Professor and Head, Department of Kerala Studies* *The Head, Department of Music* *Director, Department of Student Services* *Director, Centre for Performing and Visual Arts* *Dr. Seema Jerome, Associate Professor, Department of Malayalam* *The venue for the Cultural programmes and Exit Meeting to be Senate Hall, S. H. Campus and meeting with students to at the Seminar Halls at Kariavattom campus.* *Resolved to include Controller of Examinations and Director (P&D) in future meetings of IQAC prior to PTV.*	In progress
Item No. XXI.04: Chancellor's Award 2021- Constitution of a committee for Collection and compilation of data *---IQAC Decision---: Resolved to constitute a committee for the data collection, compilation and submission of online application for Chancellor's Award 2021 and NIRF India Rankings 2022.*	Committee constituted and application for Chancellor's Award submitted to KSHEC
Item No. XXI.05: NIRF India Rankings 2022- Constitution of a committee for Collection and compilation of data A committee to be constituted for the collection and compilation of data. *---IQAC Decision---: Resolved to constitute the committee as detailed in Item No.XXI.04*	Committee constituted and Data submitted for NIRF India Rankings 2022.
Item No. XXI.06: Azadi ka Amrit Mahotsav (AKAM) - Plan of Action India is celebrating 75 years of Independence "Azadi ka Amrit Mahotsav (AKAM)" from March, 2021 to August, 2023, various activities are to be undertaken under AKAM.A plan of action of action to be chalked out based on UGC letter (*Appendix I*) *---IQAC Decision---: Resolved to inform departments to undertake activities under AKAM based on guidelines by UGC.*	In progress

Items for Consideration

Item No. XXII.03: NAAC Peer Team Visit- Plan of Action

As part of our accreditation process, Clarifications sought for DVV were submitted to NAAC on 19.02.2022 and the NAAC Peer team is anticipated to visit our campus during April- May 2022.

---IQAC Decision---: The meeting discussed the preparation to be undertaken considering the Peer Team Visit (PTV). The following decisions were taken:

1. The PowerPoint presentation before the NAAC Peer team by each department is to be made and kept ready by March 15, 2022. An internal mock visit for assessing the level of preparedness to be conducted in March last week and an external mock visit for the same to be conducted in April first week.

2. The content for the presentation of the Vice-Chancellor before the NAAC Peer Team to be prepared by Director, IQAC in consultation with NAAC Directorate Conveners. Director, Computer Centre is entrusted for preparing the presentation in consultation with Director, IQAC and Joint Director, IQAC. The service of a Computer Assistant may be hired for the preparation of the presentation.

Item No. XXII.04: Converting the Centre Technology and Resource Centre for Malayalam (TRCML) into a teaching department

Dr. S. A. Shanavas, Hon.Diretor, Technology and Resource Centre for Malayalam has submitted a proposal for converting the Technology and Resource Centre for Malayalam into a Teaching Department named Department of Computational Linguistics.

Proposal for Department of Computational Linguistics

The existing centre - Technology and Resource Centre for Malayalam TRCML, which was established in 2006 November on the occasion of the Malayalam day observation, may be converted to a fledged department named Department of Computational Linguistics. This conversion is necessitated due to the emergence of Computational Linguistics as a professional course and the subject attaining independent status and also because of language technology advancements. Language technology personals are very much in demand in ICT market and trained Computational Linguistics are obligatory to develop language technology initiatives. Also for making devices based on natural language based practical applications, like such as Machine learning, Machine translation, Speech-to -texts, and Text to speech system, Informaton retrieval, text/opinion mining, etc.

Computational Linguistics is the most commerially viable branch in the information era; hundreds of companies in the country and outside work on computational linguistics. Computational linguistics work for high tech companies, creating and testing models for improving or developing new software in areas such as apeech recognition, grammar checkers, dictionary development and more. Computational linguistics also work in research grops at universities and government research labs. Computational linguistic teach subjects such as semantics, computational semantics, syntax , models in linguistic phonetics and phonology. It also offer sociolinguistics, psycholinguistics, corus linguistics, machine learning, applied text analysis, grounded models of meaning, data – intensive computing for text analysis and information retrieval.

TRCML was established in 2006 November, on the occasion of the Malayalam day observation. The centre has completed two major research projects funded by the UGC and the KSCSTEE, Govt of Kerala, on corpus development and corpus based lecicon. The centre also worked as co-invesitigator with the Centre for Translation Studies for another UGC project on Online Bilingual Dictionary Development. The centre also made possible to conduct Refresher Course on Language Technology through Academic staff College. The Centre has conducted many seminars and other programs on the topic and conducted ten day training for language teachers, techocrat, linguistics and computer science/ IT students/ experts. In the Current year two projects have got sanctioned to TRCML and planning to be started soon after getting formal university order.

Two courses are already been sanctioned by the University in previous year budgets on Computational Linguistics

1. Master in Computational Linguistics (MCL programme-2 year PG)-2011-12

2. Diploma in Malayalam Language Technology (one year)-(2017)

The same course could not be started because of the lack of separate space, teaching faculty, Board of Studies, and some other reasons, which are required to be fulfilled for the Centre.

The Mphil Programme in Computational Linguistics is already going on and same is the case with PhD Programme in Computational Linguistics. Five PhDs have already been produced in Computational Linguistics and four are going on.

Proposal for the establishment of the Department

The details of the proposal for the establishment of the Department submitted by the Hon'ble Director, Technology and Resource Centre for Malayalam is as follows:

Name of the Department : Department of Computational Linguistics

Name of Faculty ; Applied Sciences
*   ---- Mphil/PhD in Computational Linguistics is included in this faculty.*
Requirements for the new Department
Space
Requesting to allot sufficient space in ONV memorial or alternate arrangements may be provided as accommodate Department of Computational Linguistics/TRCML
Teaching Faculty:
6-7 Academicians : One Professor, One/Two Associate Professor, Three/-four Assistant Professors (Specialization in Linguistics, Computer Science, or Malayalam could be done).
For the time being Hon. Director, TRCML may be made the HOD and Contract faculty may be appointed to handle the classes.
Following will the thrust core courses/ areas for the Masters as well as Research
- *Artificial Intelligence*
- *Psycho- Computational Linguistics/ Computational Psycholinguistics*
- *Cognitive Linguistics*
- *Computational Forensic Linguistics*
- *Language Documentation*
- *e-content in Regional Languages*
- *Corpus Linguistics*
- *Corpus based Dictionary Development*
- *Models of Communication, Conversation and Developments*
- *Parsing and Learning Grammatical Structure*
- *Sentimental Analysis*
- *Big Data Structure and Natural languages*

Courses to be started
1. Master in Computational Linguistics.
2. MPhil Programme in Computational Linguistics.
3. PhD Programme in Computational Linguistics.
Other Courses are:
Diploma in Malayalam Computing and
Certificate course in Language/ Malayalam Computing

As per the orders of the Vice-Chancellor, **the matter regarding converting the Technology and Resource Centre for Malayalam into the Department of Computational Linguistics is placed before the Standing Committee of the Syndicate on Academics and Research for consideration**. The Committee recommended to **refer the matter to IQAC for the feasibility study and to submit a report in this regard.**
The meeting of the Syndicate held on 28.10.2021 resolved to approve the recommendation.

---IQAC Decision---: Resolved not to have a separate department and to start the proposed programmes under the existing departments, if necessary.

Item No. XXII.05: Reimbursement of publication charges through IQAC – Request from the Head, Department of Computational Biology and Bioinformatics

Dr. Achuthsankar S. Nair, Professor and Head, Department of Computational Biology and Bioinformatics has submitted a request regarding the reimbursement of publication charges of following research scholars of Department of Computational Biology and Bioinformatics along with the recommendation of Dean, Faculty of Applied Science and Technology.

Request from Head, Department of Computational Biology and Bioinformatics
Sub:- Reimbursement of publication charges through IQAC – Reg.

I write this with reference to publication carges of the reearch scholars of the Department of Computational Biology and Bioinformatics. Our department has been doing modest research and achieved modest publications, in reputed international journals with impact. As you are well aware, many of these journals now charge for publishing in their pages as per the open access publication model which ahs become very popular. Due to this, our research students have to face a new challenge of remitting publication charges to the tune of one to two lakhs. I enclose herewith four publications in recent times from our department. The charges for these have been remitted by the concerened students (totalling of Rs. 5,05,747/-). The students are constantly requesting for a help from the University for reimbursement to meet these charges because it is a huge amount for them. I would like to point out that these publications are very important for the standing of our University because these publications are counted in our NIRF ranking and NAAC accreditation and Chancellors Award and therefore it would be most appropriate that the University supports these students with these publication

charges. I understand that the IQAC has a provision to meet the publication charges and therefore I request you to consider reimbursing. The following publication charges which have been remitted by the concerned students. The full details as enclosed have been placed before the DDC on 2nd February 2022 for due consideration and the committee has endorsed the request for reimbursement.

Sl. No.	Name	Details of publication	Amount to be reimbursed
1	Dr. Shidhi P. R.	"Genome Characterization, Comparison and phylogenetic analysis of complete Mitochondrial Genome of Evolvulus alsinoides Reveals Highly Rearranged Gene Order in Solanales" in MDPI journal 'Life'.	Rs. 1,36,625/-,(One Lakh Thirty six Thousand Six Hundred and Twenty five Only)
2	Dr. Ashwini Jayachandran	"Green synthesis and characterization of zinc oxide nanoparticles using Cayratia pedata leaf extract" in 'Biochemistry and Biophysics Reports' journal, a publication by Elsevier	Rs. 1,31,544/-(One lakh Thirty one Thousand Five Hundred and Forty four Only)
3	Arya K. R.	"Identification of hub genes and key pathways associated with anti-VEGF resistant glioblastoma using gene expression data analysis" has been accepted and published in MDPI 'Biomolecules' journal.	Rs. 98,570/- (Ninety eight Thousand Five Hundred and Seventy only)
4	Dr. Ashwini Jayachandran	"Synthesis and characterization of zinc oxide nanoparticles using Acasia caesia bark extract and its photocatalytic and antimicrobial activities" in journal 'catalysts', a publication by Elsevier.	Rs. 1,39,008/- (One lakh thirty nine Thousand and eight Only)

---IQAC Decision---: Resolved to refer the matter to Research wing to consider the reimbursement based on Syndicate resolution under item no. 31.62.A1 of the 31st meeting of the Syndicate held on 17.08.2021(Financial Aid to Researchers for publishing Articles in National and International Journal)

Item No. XXII.06: Conducting UGC NET coaching class- Proposal from Kerala University Research Students Union

The Chairperson, Researchers Student Union has submitted a proposal to IQAC for conducting a six month crash course for UGC Net coaching for the upcoming sessions Dec 2021/June 2022. The project at this point of time wants to focus on arranging coaching classes for First Paper for UGC NET examination.

Budget

Sl. No.	Item	Amount	Remark
1	Remuneration to teachers at Academic Staff College etc	96,000/-	2000 * 48
2	Resource Material Preparation 500/subject	24,000/-	500 * 48
3	Stationary	6000/-	
4	Miscellaneous	2000/-	
5	Refreshment for Students	20,000/-	
	Total	148000/-	

Dr. A.K Ampotti, Associate Professor, Department of Islamic Studies to act as programme coordinator and he will associate the activities with Research student's union and IQAC on matters regarding academic development, course coordination and HR delivery for implementing the project. A committee for monitoring the project processing to be constituted. The monitoring committee to advise modifications as and when necessary, for the integral development of course. Detailed proposal is appended as **Appendix I.**

---IQAC Decision---: Resolved to release a financial assistance, maximum of Rs. 50,000/- (Rupees Fifty Thousand only), to Kerala University Research Students' Union. The financial assistance to be released based on the original bills and verification submitted along with the Report and Participants' list of the programme.

Items for Reporting

Item No.XXII.07: Chancellor's Award 2021

Data and documents in support of the application for Chancellor's Award 2021 were uploaded to KSHEC portal on 20th January 2022.

---IQAC Decision---:Noted

Item No.XXII.08: NIRF India Rankings 2022
Data submission for NIRF India Rankings 2022 was successfully completed on 18th February 2022.
---IQAC Decision---: Noted

Item No.XXII.09: India Today Group-MDRA Best Universities Ranking 2022
Data submission for India Today Group-MDRA Best Universities Ranking 2022 is in progress. The data submission to be completed by 4th March 2022.
---IQAC Decision---: Noted

Item No.XXII.10: Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2021
The registration for the Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2022 is complete and the Data submission for Pre-Qualifier stage is in progress.
---IQAC Decision---: Noted

Item No.XXII.11: QS World University Rankings
The Data submission for QS World University Rankings is in progress.
---IQAC Decision---: Noted

Additional Items

Item No XXII.12: Five day International Conference on Quality Framework for Accreditation and Ranking of HEIs
IQAC proposes to organize a Five day International Conference on Quality Framework for Accreditation and Ranking of HEIs with an objective to acquaint Higher Education Institutions on accreditation framework and ranking based on quality benchmark prescribed by National and Global Accreditation agencies. The funding is from State Plan Fund for Conduct of Hybrid Programmes.
---IQAC Decision---: An amount of Rs. 12,00,000/- (Rupees Twelve Lakh only)was sanctioned vide U. O. No. Pl.B/S.P./2021-22/ Hybrid Programmes dated 22.02.2022 for conducting Five day International Conference on Quality Framework for Accreditation and Ranking of HEIs. However, considering the NAAC PTV preparations, resolved not to take up the conference until the completion of the NAAC Visit. Hence, the amount sanctioned need not be released to the IQAC Director.

Item No XXII.13: Infrastructure augmentation and Campus Beautification of Departments as part of NAAC Visit
---IQAC Decision---: Resolved to release an amount of Rs. 10,00,000/- (Rupees Ten Lakh only) to Joint Registrar, Campus Administration and Rs. 2,00,000/- (Rupees Two Lakh only) to Joint Registrar, Administration for the cleaning, maintenance and upkeep of departments based on the proposals submitted the Head of teaching departments subject to a maximum amount of Rs. 50,000/- (Rupees Fifty Thousand only) for each department.

Item No XXII.14: Establishment of New Inter University Centres – Preparing Detailed Project Proposal with support from IQAC
---IQAC Decision---: Resolved to provide financial assistance of Rs. 4,00,000/- (Rupees Four Lakh only) for the preparation of Detailed Project Proposal for the establishment of New Inter University Centres from the IQAC funds subject to a maximum amount of Rs. 40,000/- (Rupees Forty Thousand only) for each shortlisted proposal.

The meeting came to an end by 5.30 p.m.

Dr. Gabriel Simon Thattil   **Dr. V. P. Mahadevan Pillai**
Director   **Chairman**
Internal Quality Assurance Cell   **Internal Quality Assurance Cell**
University of Kerala   **University of Kerala**
                                                                                             06.03.2022

Proposal
For Conducting UGC NET Coaching class Organized by Researchers Students Union in association with IQAC

Introduction:

The National Eligibility Test (NET) is a test to determine eligibility for college and university level lectureship and for award of Junior Research Fellowship (JRF) for Indian nationals. It aims to ensure minimum standards for the entrants in teaching professions and research. On behalf of the University Grants Commission (UGC), the National Testing Agency (NTA) holds the test for determining the eligibility of Indian nationals for the Eligibility for Assistant Professor only or Junior Research Fellowship & Eligibility for Assistant Professor both in Indian universities and colleges.

The researchers Union, University of Kerala would like to initiate a Six-Month crash course for the UGC NET coaching for upcoming sessions in Dec 2021/June 2022 sessions.

Objectives

The main objective of the scheme is to prepare Scheduled Castes, Scheduled Tribes and Minority Communities candidates for appearing in UGC– NET/JRF or SET so that enhance number of candidates to clear the examination

a) Improve the academic skills and linguistic proficiency of the students in various subjects.

b) To raise their level of comprehension of basic subjects to provide a stronger foundation for further academic work.

c) To strengthen their knowledge, skills and attitudes in such subjects, where quantitative and qualitative techniques and laboratory activities are involved, so that, the necessary guidance and training provided under the programme may enable the students to come up to the level necessary for pursuing higher studies efficiently and to reduce their failure and dropout rate.

d) To provide career guidance and psychological counseling for capacity building to those who are in need of such counseling.

Target Group

• Students and Research Scholars from Kerala University campus

Interested candidates from any can join the program with a nominal fee of Rs. 200 Per Month. Fee will be decided by Monitoring Committee.

Syllabus covered

Teaching Aptitude
- Teaching: Nature, Objectives, Characteristics and Basic Requirements
- Learner's Characteristics
- Factors affecting Teaching
- Methods of Teaching
- Teaching Aids
- Evaluation Systems

Research Aptitude
- Research: Meaning, Characteristics and Types
- Steps of Research
- Methods of Research
- Research Ethics
- Paper, Articles, Workshop, Seminar, Conference, and Symposium
- Thesis Writing: Its characteristics and format

Reading Comprehension
- A passage which the candidates are required to read and answer the set of questions

Communication
- Communication: Nature, Characteristics, Types, Barriers and Effective Classroom Communication

Reasoning (including Mathematical)
- Number Series; Letter Series; Codes
- Relationships; Classification

Logical Reasoning
- Understanding the Structure of Argument.
- Evaluating and distinguishing Deductive and Inductive Reasoning.
- Verbal Analogies; Word Analogy – Applied Analogy
- Verbal Classification
- Reasoning Logical Diagrams: Simple Diagrammatic Relationship, Multi-Diagrammatic Relationship
- Venn diagram; Analytical Reasoning

Data Interpretation
- Sources, Acquisition and Interpretation of Data
- Quantitative and Qualitative Data
- Graphical Representation and Mapping of Data

Information and Communication Technology (ICT)
- ICT: Meaning, Advantages, Disadvantages and Uses
- General Abbreviation and Terminology
- Basics of Internet and E-mailing

People and Environment
- People and Environment Interaction
- Sources of Pollution
- Pollutants and their impact on Human Life, Exploitation of Natural an Energy Resources
- Natural hazards and mitigation

Higher Education System: Governance, Polity and Administration
- Structure of the Institutions for Higher Learning and Research in India; Formal and Distance Education; Professional/Technical and General Education.
- Value Education: Governance, Polity and Administration; Concept, Institutions and their Interactions

The project at this point of time wants to focus on arranging coaching classes for First Paper for UGC NET examination. The project is a product of an understanding that most of the students, even though they are best at their subjects, they are facing difficulties in clearing the First/General Paper which needs special coaching. According the scheme there will be intensive coaching classes for UGC NET First Paper. Eminent resource persons from the university and outside will engage the sessions.

Budget

Sl. No.	Item	Amount	Remark
1	Remuneration to teachers at Academic Staff College etc	96,000/-	2000 * 48
2	Resource Material Preparation 500/subject	24,000/-	500 * 48
3	Stationary	6000/-	
4	Miscellaneous	2000/-	
5	Refreshment for Students	20,000/-	
	Total	1,48,000/-	

Implementation

Dr. A.K Ampotti, Associate professor, department of Islamic Studies will act as programme coordinator and he will associate the activities with Research student's union and IQAC on matters regarding academic development, course coordination and HR delivery for implementing the project. The director IQAC can constitute a committee for monitoring the project processing. The monitoring committee can advise modifications as and when necessary, for the integral development of course.