



KANNUR UNIVERSITY

കണ്ണൂർ സർവകലാശാല

Re-accredited by NAAC with 'B++' Grade



Policies of Kannur University

**Internal Quality Assurance Cell (IQAC)
Kannur University**

Innovation Promotion Policy

SCOPE AND OBJECTIVES

The research activity carried by the Kannur University has shown tremendous improvement over the last few years, as shown by the increased number of publication and patents filed by researchers. It's noteworthy, that Kannur University is already following most of the innovation strategies laid down by the UGC during the past years. However, we are still far behind the National institutes in excellence in research and related activities.

The policies laid down in this document has been designed to improve and widen research and innovation excellence of the University in all its schools and departments by focusing on clear and concise objectives and implementation strategies, and thereby aimed its overall improvement by the next five years. This policy outlines the objectives, frameworks and strategies required to bring an interdisciplinary engagement of all schools, departments, researchers, students and all employees at Kannur University into being dynamic and dedicated stakeholders for implementing and promoting innovations and active research and excelling in all frontier areas of research in the coming five years. This can be achieved by focusing on the following objectives

Objective - 1: Inculcate research and innovation culture among researchers, students, and all employees at Kannur University

Objective - 2: Identifying the regionally, nationally and internationally important thematic areas pertaining to each Department and interdisciplinary thematic areas that address key issues prevailing in our society

Objective - 3: Enhancing the financial contribution of the University for research and innovation

Objective - 4: Sustaining our existing goals and identifying the strengths and weakness of the University

Objective 1: Inculcate research and innovation culture among researchers, students, and all employees at Kannur University

STRATEGIC ACTION

i. University shall conduct orientation program for all new recruits including, students, researchers, and teaching and non-teaching staffs on the importance of the need for promoting research and innovation. ii. University shall implement Rules and Regulations that ease and promote research activities iii. Clear and concise goals on Research and Innovation shall be laid down and all the stakeholders of the University need to be aware of research and innovation goals set by the University.

iv. Every employee and stakeholders are accountable for the work done towards these goals, and it shall be recorded on a daily basis and reviewed periodically. This shall be executed by introducing an online employee/student/research log where each stakeholder will briefly record their work done on a weekly basis v. All researchers, including PhD students, Post-doctoral scholars, Research interns/short term/long term project students shall maintain a weekly planner in the prescribed format, where they have to record the plan of work for the coming week. These shall be duly signed by their research supervisors/in-charge. Any deviation in the plan shall be recorded with valid reason, and counter signed by their respective research supervisors. vi. In addition to the online research log, a laboratory experiment notebook with a defined serial number shall be issued to every researcher (PhD students, Post-doctoral scholars, Research interns/short term/ long term project students) to record all the activities done with respect to research. The issue of the laboratory experiment notebook will be documented to facilitate the archival of all issued books. vii. The laboratory experiment notebook along with the weekly planners and any other related experimental output, raw data or processed data shall be returned back (archived) to the University before the researcher leaves the institute. The Principal Investigator/Research Supervisor shall be made responsible for making sure that these documents are maintained on a daily basis and is genuine as well as it is archived. Any discrepancy / dispute arising during publication or post publication will be fixed out using these records. viii. Infrastructure facilities shall be provided by the University for facilitating promising research. Annual Maintenance Contract shall be established with companies for ensuring that equipment, instruments and facilities are fully functional. ix. A weekly progress presentation shall be conducted for PhDs and PDFs x. Annual progress presentation shall be

conducted for Faculty members xi. The University shall identify the best researcher from each school among the different categories like students, PhDs, Post-docs and faculty members (Assistant Professor, Associate Professor and the Professor separately) based on their publications/ patents/ IPR/Project grants/ Research Supervision/ Awards/ Fellowships, etc., and honour them annually with incentive awards. Minimum criteria should be laid down by the University for considering the nominations for these honours based on the category. If all the nominations in a particular category doesn't qualify these criteria, those categories should be deemed as None eligible for Award, for that particular year. This will boost the scientific temper among the members of the Department. The recommendations of the Department Council for these awards should be approved by IQAC. Every member in the department has the freedom for rebuttal, if they feel any injustice in the selection process and these should be addressed by a Research Grievance Committee and recommendations passed to IQAC. The decision of the IQAC will be final. xii. IQAC shall make an inspection periodically to make sure that Principles of Research and Innovation laid down by the University is implemented properly. A document should be maintained to record the compliance/non-compliance. Repeated non-compliance by any individual/research group shall evoke disciplinary actions taken against them.

Objective 2: Identifying the regionally, nationally and internationally important thematic areas pertaining to each Department and interdisciplinary thematic areas that address key issues prevailing in our society

STRATEGIC ACTION

i. Apart from the individual projects conducted by faculty members, initiative shall be there to make group /Departmental project/s identifying the key issues prevailing in our society regionally, nationally and globally. The ultimate focus of these projects shall be translational research resulting in patenting and product generation to society. Facilitation of the patenting by the researchers shall be done by the University. ii. Departments/Schools either alone or together shall arrange a scientific meeting, every six months where students, research scholars, faculty members, technical assistants and any teaching or non-teaching staff of the Department/University are given a chance to express their innovation ideas. These ideas shall be purely translation based. The best idea/ideas among these shall be taken forward by the

department/s. Researchers shall form a group for carrying out these projects. Interdisciplinary project involving the participation of two or more departments/schools shall be highly encouraged. iii. The concerned research groups are encouraged to team up with national/international academic/industrial collaborators as well. iv. The selected group projects that are scientifically sound and doable at Kannur University, shall be initially given a start-up grant if required, for initial analysis and generation of preliminary results. The concerned group is encouraged to apply for extramural grants based on the preliminary results generated from this project/s.

Objective 3: Enhancing the financial contribution of the University for Research and innovation

STRATEGIC ACTION

i. Departments/Schools are encouraged to apply for grant-in-aid from funding agencies for enhancing the Infrastructure Facility of their respective centres. ii. University shall provide seed grants to newly recruited young faculty members, who fulfils the criteria laid down for the purpose, for starting their research work. The preliminary results obtained shall be used for securing extramural funding. iii. Faculty members and research scholars shall be encouraged to apply for International/ National/ State level Project grants/ Research fellowships iv. Departments/Schools shall be encouraged to raise their own funding by extending their key Equipment/Facility/Services to outside researchers by collecting a minimal amount (maintenance charge) to run their facilities and equipment. A concession may be given to inter-departmental students if required. Website shall be updated with the facilities offered. The amount raised through these services shall be documented and repurposed for the maintenance of the equipment and facilities of the Department v. Consultancy services shall be taken up to conduct quality check or for experiments from industry/academic candidates or individuals. Departments shall either train their Technical Assistants or hire Technical Assistants with experience in offering consultancy services for this purpose. Website shall be updated with the services offered. The amount raised through consultancy services shall be documented and repurposed for the research activities of the Department.

Objective 4: Sustaining our existing goals and identifying the strengths and weakness of the University

STRATEGIC ACTION

- i. Kannur University shall sustain the main goal of its establishment in the state of Kerala, as teaching, residential and affiliating University, promoting higher education, advanced knowledge in Science and Technology and Research facilities in the revenue districts of Kasaragod and Kannur and the Mananthavady Taluk of the Wayanad District. With this goal the University shall develop campuses in these areas as are necessary and will continue its role in fostering the needs of higher education of the region.
- ii. Kannur University shall take a committed role in the socio-economic and environmental issues of its jurisdictional area and shall intervene scientifically.
- iii. IQAC shall initiate the SWOT (Strengths, Weaknesses, Opportunities, and Threats) analysis of the University to evaluate its strength, weakness and competitive position and to develop strategic planning of the University.