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TUMKUR UNIVERSITY

RESEARCH POLICY



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PREAMBLE

Research activity is an important component in the curricula of all the universities. In fact, popularity / familiarity of the university is very often reflected by its quantity and quality of research output. It is being felt that state universities are not contributing much in the National scenario of research. Keeping this concern in mind, Tumkur University, Tumkur has prepared a policy for Fostering Excellence in Research.

Researchers working in different Departments and Institutes across the University are looking at many different aspects of Science including Natural Sciences, Political Sciences, Social Sciences, Life Sciences and many more.

University staff and student researchers address many of the major challenges that our Society faces, from Languages conservation to new vaccines, ageing to obesity, new energy sources to biodiversity. They use innovative research techniques and modern technology, both to examine problems of the modern world and to understand better the ancient world.

In this University, research is being carried out in more than 20 subjects and doctorate degree is also offered by the University. Some of our Schools/departments are well known globally for quality research. University faculty members have been making a significant contribution in their respective field of research. However, it is felt that there is a need for greater efforts by each and every faculty member in furtherance of research to make a niche at the National and International levels.

Purpose

The Tumkur University Research Policy underlines the best measures in the field of research under the prevailing deteriorated research atmosphere in most of the State Universities. It accentuates the priority areas, methods and measures of implementation and the evaluation of quality of research for the University. This research policy will serve as an excellent model for improving research standard in the Universities. The enactment and implementation of the visionary TU Research policy will certainly help in enhancement of atmosphere for quality research in the long run. It will also help in carrying community/ regional need based research.

Context

Tumkur University, Tumkur is committed for fostering excellence in research as reflected in the wide range of its activities concerning academics and social responsibly. The University is strongly focused on regional need based research and is a leader in many quality research areas. Research Policy will certainly add to its credentials in research. The University is committed for up- lifting the living standard of the people of the State.

The University understands the dilemma that has been posed by the struggle between fast paced developments and the need for a sustainable research atmosphere in the universities. Therefore, Tumkur University wishes to set an example by generating innovative ideas in the field of research for sustainable development. The University desires to act as a State leader in the field of research for serving the people of the State.

In a nutshell, the research policy aims to create a model of conducive quality research.

OBJECTIVES

Our over-arching research objectives are to lead the International agenda across the University's disciplinary spectrum and through interdisciplinary initiatives, and make significant contributions to society regionally, Nationally and Internationally through the fruits of our research.

- Lead the academic world and conduct internationally high-level researches in each field.
- Aim to discover new phenomena and create new technologies, based on principles and rules in natural phenomena.
- Conduct cutting-edge researches to lead the academic and industrial worlds at home and abroad and create and develop new academic and technological fields.
- Aim to globalize research and education.
- Provide suggestions for the future of humanity and the earth, based on high-level academic foundations and vision.
- Conduct researches that contribute to the development of human resources who can play a leading and core role in society and researchers who can conduct cutting-edge researches.

Goals and Tasks

University policy, to encourage its faculty members/ researchers to carryout quality research, is as under:

University shall make efforts to develop conducive research atmosphere in all the teaching and/or research departments.

Each Department shall be developed as the model research centre for colleges and other institutions.

Every year at the end of academic session department head shall submit the feedback on research including problems encountered/ faced by faculty/ researchers after organizing a faculty and researchers meeting to the core group. This feedback should be completed by 15th May each year. Feedback should also include the research publications, projects completed/undertaken and papers presented, key note addresses delivered sessions chaired by each faculty/researcher.

University shall encourage the international and national collaborations especially in the field of research.

Through its Institute-Industry interaction cell, it shall also establish more active collaborations with industries especially within and around Karnataka.

It shall also provide infra-structure and encourage Post-doctoral fellows, Young Scientists, Women Scientists, INSPIRE fellows, Ramanujan fellows etc. to join this University. Efforts shall be made to attract researchers from across the globe to join research in its campus.

University shall identify thrust areas of research in each school /department / institute to promote research and shall make efforts to develop them of national / international repute.

Library facility shall be enriched every year with subscription of additional journals, books and research related websites.

University shall make efforts in future to provide separate hostel exclusively for men and women researchers.

On any point not covered in this policy, decision of the Vice-Chancellor will be final.

Implementation of the policy

To implement the Research Policy:

The University shall set up a Committee on Research headed by a Research Director/ Dean which will consist of the academic members and researchers.

Budget shall be sanctioned by the University for the effective Implementation of this policy.

Research Director/ Dean shall act as Controller for research. He/ she shall take necessary actions for effective and quality research atmosphere. He/ she shall also handle complaints, if any and suggestions received from the researchers.

The role of the Committee on Research shall be to:

- Create a conducive research environment by creating focused research groups at par with international standards.
- Develop strong theoretical foundation and conceptual understanding amongst students and faculty.
- Incentives to faculty & research for taking up research projects.
- Awards to Achievers & Innovators.
- Organize Seminars/Conferences & Research Paper competitions for promoting research culture.
- Conduct Awareness program on Ethics in Research & Intellectual Property Rights (IPR)

The University Research Director shall assist the faculty/ researcher to sort out the problems faced by them.

University emphasis shall be on interdisciplinary research

The university shall try to financially assist faculty, if funds are available with the university, especially to the newly appointed teachers and for those teachers who do not have research funds for carrying out their research projects. However, if they receive the financial grants from any funding agency, they shall seize to get further assistance from the university.

University shall encourage its faculty members to publish their researches in quality journals. From every school, University shall select a best researcher (from faculty and researcher category) on the basis of quality of papers published, based on impact factor or where impact factor is not available by obtaining opinion of at least two experts and felicitate the faculty member and researcher every year. University will also give a certificate of appreciation to the researcher if his/her research paper is published in quality International Research Journal.

An award will be constituted in each Department in the name of a legendry of the discipline to the best researcher which will consist of a memento and a certificate and will be given in December/ January every year by the University. University will frame specific guidelines for selecting best researcher for the award in due course of time.

University through its research section shall encourage its researchers and assist them in filing and obtaining patents. University shall also organize lecture/ symposium on intellectual property rights in collaboration with National Research Development Corporation, New Delhi (NRDC), National Productivity Council or any other organization engaged in such activities. University shall also establish an IPR cell for felicitating patent filing etc.

University plans to reduce teaching load by one hour (if requested) of faculty members who are actively involved in research as reflected by the research papers published / patents taken or applied in last five years. However, such teachers shall not be allowed to act as visiting faculty elsewhere or for doing consultancy.

Faculty members shall be eligible for TA / DA for presentation of their research work in International conferences abroad and for national conference as per the University TA/ DA provision shall also be available to its faculty members extraordinary circumstances rules who are invited to deliver keynote address/lectures in National /International conferences or to chair a research session or to preside in the conference, seminar or workshops. This expenditure will be borne out of the travel grant of UGC under plan.

Faculty shall be provided full cooperation and assistance by the university in the conduct of research projects by streamlining the administrative and audit system.

- Building localized prototypes/models as per local costing & weather requirements for replacing machinery/products available globally.
- Utilizing the outcome of the research for benefit of society