



8. RESEARCH POLICY

Statement

Research based scholarship is central to the mission of the college. The institute identifies the uniqueness of research in the roles of academic fraternity in its commitments to the society. The college is bound to spearhead its researchers in the long ways of academic freedom which includes freedom of inquiry and responsibility to disseminate the results of their investigations among their peers. At the same time, it is inevitable to ensure that all research and scholarship is informed by the doctrines of integrity, honesty, trust and accountability. It should also meet high scientific and ethical standards for maintaining the existence of never-ending human efforts for increasing the quality of life of people by research.

Generation and maintenance of the values in the conduct of research are possible by adopting proper policies for administering research at the institutional level. It is for ensuring the individual role of the faculty of the college to shoulder the responsibility to take research and scholarship for their professional growth and growth of the college. The policy is also to have a self-awareness among researchers of the college about the global standards of research ethics and procedures of scholarly activities in accordance with the norms prescribed by the regulatory agencies like UGC and AICTE.

Scope

General Framework

This policy applies to all stakeholders like students, faculty and staff of the college and research carried out by them. It is the responsibility of the researchers to select the research problem and suitable research design to the selected problem. Formulation and submission of research proposals for grants from funding agencies are to be promoted for institutional growth and career growth of faculty. Such growth is intended to be by publication of the results of the research in SCI indexed journals of high impact factor or submission of application for patents. While doing so, the researchers should maintain the highest standards of ethical behaviour. Researches leading to PhD are to be conducted with strict adherence to the norms of the regulatory agencies and parent university. In the case of collaborative or team research, the principal investigator shall ensure the compliance of all the regulatory requirements of the research.

Institutional Framework

The departments of the college shall identify core areas of their research based on the research profile of the faculty and research infrastructure available in the departments. All applications for research funding should be channelized through the Principal of the college. In the case of any research carried out in the college, the researcher should obtain approval of the Principal and adhere to the norms of the college and regulatory agencies. The research projects which students do as part of their UG and PG curriculum should as far as possible lead to joint publications of students with faculty. The faculty should acquire as much research experience as possible and they should embed their research experience with their teaching process. It is also necessary that the faculty shall train and promote the students to undertake research as part of their career. The college shall encourage collaborative research involving researchers from different disciplines and various institutions. It shall promote research that leads into product development, commercialization, entrepreneurial activities and solutions to societal demands.

The PhD research scholars have to complete their research within the stipulated time frame as prescribed by the parent university. They shall contribute to the overall research ambience of the college by their active participation in the academic and research related activities as demanded by the college. The supervising teachers of the PhD scholars shall ensure the attendance and other mandatory requirements in the case of the PhD scholars working under their guidance and supervision.

Procedure

Research Council

The research policy of the college shall be implemented by the discussions and decisions of the Research Council of the college and orders of the Principal. Research council is the body which coordinates the research activities of the college in accordance with the research policy. Principal is the convener and Dean Research is the coordinator of the council. The representatives of researchers from the departments of the college are the members of the council.

Auditing of Research Credentials of the college

This policy entails the college to annually audit the progress of the research credentials of the college by using the indices like number of SCI and Scopus indexed faculty and student publications, h-indices of faculty, research grants grabbed by faculty, number of PhD supervisors and number of PhD scholars in the college. The college shall take corrective measures, if any required, based on the results of such audits. This policy permits the college to review the research practices in place and revision of the policy related to the lapses.

Functions and responsibilities

The functions and responsibilities of the Research Council of the college includes the following.

- Advise the research team of the college on the formulation of R & D programmes and to orient the research priorities of the college keeping in view of the anticipated requirements and opportunities.
- Promote interdisciplinary research by interdepartmental collaboration
- Facilitate the review of R & D activities and research programmes of the college to address the probable issues if any and to suggest general guidelines for the timely completion of the research programmes.
- Suggest networking and collaborations with other academic and research institutions of National and international importance on programmes of mutual interest.
- Formulate policies on fostering research linkages between the Institution, industry and society
- Inculcate and embed research culture in teaching-learning process to upgrade the efficiency of teaching and learning
- Provide an environment conducive to research and allocate infrastructural facilities for research
- Encourage collaborative research involving researchers from different disciplines and various institutions
- Ensure quality of research proposals formulated by the faculty for applying for research grants.
- Promote research that leads into product development, commercialization, entrepreneurial activities and solutions to societal demands.
- Extend support to the faculty to obtain intellectual property rights (IPR) for their research and the product they develop.
- Ensure the visibility of research in the college in terms of the sponsors/funding agencies supporting the research work, details of fund utilization, collaborators and investigators.
- Ensure the compliance of rules and regulations of the funding agencies with regard to management of research funds and physical and laboratory infrastructure generated from the research grants.
- Advise the faculty and students of the college on the necessity of checking the plagiarism of the research reports which they generate as part of their research.

- Facilitate the use of plagiarism checking software for ensuring the quality of the research reports produced by the faculty and students.
- Facilitate the submission of research proposals by faculty to various funding agencies.
- Suggest norms to facilitate the administrative support to the PhD research of the college for timely completion of PhD projects.
- Facilitate the submission of applications for funding to UG and PG student projects
- Timely revision of general guidelines for ensuring the quality of UG and PG student projects
- Timely revision of the provisions of the Research policy of the college.
- Any other function as may be assigned by the Chairman Governing body/ Principal of the Institution.
- Insist and ensure ethical standards of accountability and social responsibility while pursuing research

Frequency of reviews/ meetings

Annually and as and when the situation demands the decision of the council on matters related to research

Related/ Supportive document

Minutes of the Research Council

Custodian

Dean (Research)