

RESEARCH PROMOTION POLICY

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GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE – 641 013
RESEARCH PROMOTION POLICY

1.0 INTRODUCTION

The research policy of Government College of Technology, Coimbatore aims to identify research areas of academic and social relevance to promote a well-defined research culture among faculty and students. The research policy has been framed to analyze, understand and effectively respond to all types of challenges posed in the pursuance of quality research. The purpose of the Research Policy is to create a vibrant atmosphere of research among faculty and inculcate research aptitude among the students. The policy shall serve as an overall framework within which research activities may be carried out. It also aims to identify thrust areas of research having social relevance and thereby supplementing the Vision and mission of the college. The Research policy also emphasizes contribution towards society and to the nation at large. This Research Policy forms the basics of the research ethics of the college and is implemented in all the departments and it serves as the guidelines for the functioning of the Research council of the college. The college promotes research by providing resources to researchers to enhance their research capabilities and also by recognizing research output by faculty members and research students.

2.0 OBJECTIVES

- To ensure quality, integrity and ethics in research.
- To design an excellent research environment and infrastructure
- To integrate teaching and research,
- To foster inter, multi and transdisciplinary research.
- To publish papers in journals of international repute, file patents and transfer technologies to relevant industries
- To foster socially relevant research aligned to human values and scholarship
- To network with larger community; viz. industries, universities, and other institutions of higher learning
- To continuously monitor the research outputs for ensuring quality by appropriate committees

- To develop mutually beneficial research and development projects with industrial collaborations.
- To recognize both faculty and students on their research achievements by a research award.
- To encourage the faculty members for creating, protecting and leveraging Intellectual Property Rights. k)To nurture an environment of undertaking socially useful research with potential for commercialization.
- To establish Research centres within University with potential for excellence.

3.0 Research Promotion Fund

The World Bank took keen interest in systematic transformation of country's technical education system to make it globally competitive and showed willingness to assist the Government of India to launch a Technical Education Improvement Programme (TEQIP) as a long term programme of 10-12 years and in three phases. The Ministry of Human Resource Development, Government of India through NPIU have competitively selected many institutions. One among them is Govt. College of Technology, Coimbatore. The TEQIP Project period started from the year 2003 to till date. Through TEQIP, seed money was given to many faculty members, research scholars, and PG students.

3.1 Seed Money

The Seed Money Policy is designed to stimulate competitive research in strategic areas of national or international importance to promote innovative product and technology development and/or to facilitate the start of research projects which will potentially develop into creative ventures on their own through external funding.

3.2 Objective

The objectives of the Seed Money are:

- a) To support a faculty to start a research project that has the potential to sustain by attracting funds from external agencies.
- b) To support the development of innovative /novel ideas.
- c) To encourage inter-faculty collaboration in emerging areas.
- d) To promote generation of IPR/patent.
- e) To foster attract and retain talent.

3.3 Grants

The Grants shall be approved by the Expert Committee depending upon the nature and duration of the Research Project.

3.4 External Funding to be raised by Faculty Members

Faculty members are encouraged and supported to apply for Research Grants/Infrastructure to various funding agencies of both Government and Private Organizations. He/She shall take utmost care in preparing a funding budget with clear understanding that the project will not burden the Institute. Members of Research Innovations and Extension Team are deputed to aid the faculty members those who need assist in finalizing documentation of the research proposal to be submitted to reputed funding agency.

3. Constitution of Institutional Research Committee

The purpose of the Institutional Research Committee is to motivate and enhance quality research. The board shall encourage faculty research, student research, sponsored research and collaborative research. Major activities of the board are

1. Conducting periodic meeting as scheduled
2. Scrutinizing and providing suggestions to research protocols

Research committee meeting will be scheduled once in every 4 months. Special meetings will also be conducted as and when required

4. Composition of the Institutional Research Committee

The members of the Institutional Research Committee are

Principal.

IQAC Director

All Heads of Departments

IQAC R&D Team Head

Senior Professors – 2nos

5.0 THRUST AREAS :

Although researchers have the liberty to select their own topics or areas of research, it is highly desirable to make research environmentally sustainable and socially relevant. The University expects from its various faculties and Departments to identify the recent and future trends for

research which are helpful in providing solutions to society and industries and results in the generation of intellectual property rights, patents, copyright, etc.

6. Resource Mobilization for research

To promote and excel research in the Institute, the following initiatives are done.

1. Creating and establishing centralized research facilities through state and central government funding.
2. All state-of-art research laboratories are shared to students and faculties to promote interdisciplinary research.
3. Create awareness regarding existing infrastructure to the research community.

7. Compliance of Research Ethics

All researchers are expected to carry themselves with integrity, honesty, and professionalism in all of their work. The college is affiliated to Anna University, Chennai and recognized research center. It adheres to the University's and UGC's policies on plagiarism and research misconduct. Prior to publication of any research work that requires ethics scrutiny, the same shall be forwarded and checked by the University Plagiarism checker to guarantee that the research work is entirely their own and legitimate. The same is ensured by the research Supervisor.

8. Dissemination of Research Work

The research work done by the faculty and students are disseminated according to the standard norms and protocols of Anna University, Chennai. The Institute Research Committee members aid the research scholars, faculty and students in identifying the apt platform for dissemination of research works. The role of the Institute Research Committee in dissemination of research works are

1. Identification of suitable and reputed journals/ conferences – Brochures for International Conferences, Special editions of reputed journals are displayed in the notice board
2. Supporting Research supervisors / Doctoral Committee members – Exhibit/deliver guest lecture on the completed research work to faculty/students of their respective department
3. Ensuring that the faculty members, PG scholars and Ph.D scholars meet up the research requirements of Anna University, Chennai – Research findings of PG scholar need to be

published in journal/conference for the award of degree. The project reports of them are kept in the department library for future reference of students.

4. The research reports kept with Supervisors are utilized for further development of the research by their next immediate scholars. Also used for the purpose of doing project by Post Graduate students.

10. Academic, Research and Industrial collaboration

A well-defined collaboration policy conserving academic, research and industry is practiced for the growth of the institute and its stakeholders. MoUs with industry and its associated activities, contribution of research supervisors and the industry offered elective courses pave way for enhanced collaboration.

Through Placement Cell, the requirements from reputed companies are identified and put forth for the modifications on curriculum of each department. Institute allows Companies/Industries to formulate syllabus of course as per their needs for the curriculum development. Companies who have given job opportunities for the students are permitted to offer Internship and hence doing project for the problems/issues identified by them.

Faculty training:

Faculty members are duly supported for attending conferences/ workshops/ seminar as per state government norms.

13. Incentives and Awards for Research Achievements

A letter of appreciation and a cash reward is awarded to the faculty for

1. Reputed journal publication (Scopus/SCI indexed)
2. Producing Ph.D scholars
3. Receiving research grants
4. Any other notable achievements



Principal