



Research and Development (R&D) Cell

Research Policy

Preamble:

The reputation of any educational institution depends on Research productivity, Teaching-Learning, and Innovation. The success of an Institute in attaining its objectives is significantly dependent upon the alignment of the faculty with all the aspects of research initiatives, being undertaken at the Institute. Therefore, the present research policy aims to help GRIET and faculty achieve excellence and contribute to organisations and society.

Establishment:

The Research and Development (R&D) Cell established in the year of 2007 as per the directions issued and based on the minutes of the meeting of Governing Body.

Composition of R&D Cell.

- i. Principal
- ii. Dean (R&D)
- iii. Heads* of all Academic Departments
- iv. Members* (Senior Faculties) - nominated by the Principal.
- v. Nominee from the Industry

*Head / Members should hold Doctoral Degree (Ph.D.)

*Head / Members should have Research Publications in refereed journals (at least 10 Scopus & 2 Web of Science indexed) to their credit.

Responsibilities:

The R&D Cell is responsible for the overall performance of the research activities of the Institute. The primary responsibility of the R&D cell is:

- To develop and enhance the Institute's research capacities.
- To motivate all Faculties to pursue research in their respective areas of expertise.
- To protect and commercialize the Institute's intellectual property.
- To take care of Consultancy activities related to R&D.
- To provide research and development opportunities for academic staff to maintain enthusiasm, awareness of current scholarship and relevance in teaching and other Institutional activities.
- To develop the infrastructure conducive to promoting the quality and quantity of research and development.
- To establish research and development priorities; and monitoring the quality and quantity of school research and development.
- To Disburse Institute Research Funds to established researchers, both individually and in groups; including research infrastructure funds; seeding grants to beginning researchers; research initiatives across the departments; and provision of consolidated information to the Governing Body and other appropriate Institutional bodies.

- To monitor the application of Research Funds and ensure that the funds are formally and adequately accounted.
- To promote emerging areas of research and development.
- To develop mechanisms conducive to the best possible ways of engaging and motivating research staff.
- To monitor and enhance the quality of research programmes, projects and the research infrastructure within Institute, including the training of research scholars.
- To be responsible for the progression of research scholars.
- To foster the development of multi-disciplinary research endeavors across Faculties and departments.
- Monitor the research and development performance of individuals, groups, Centres, Schools and
- Faculties to encourage excellence and productivity by maintaining a database of research and development activities.
- Oversee the application of the Code of Research Ethics for the responsible practice of research.
- To formulate incentive schemes for promoting research activities with teachers and students' scholars. To enhance the quality of postgraduate education to be brought up to an internationally high level. An evaluation of the PG program to be carried out by the R&D committee. To promote building build strategic, durable partnerships and develop funding solutions with Industries and research Institutions for steering, funding, and cooperation.

Promotion of Research:

GRIET believes that researchers are free to choose the subject of their research, to seek support from any funding source for their research work, and to report their findings and conclusions. However, the research proposal should be available for scrutiny at the Institute level and shall obtain prior approval from authorities before applying to any agencies. Research techniques used by the researchers shall not violate established professional ethics, about the health, safety, privacy, and other personal rights of human beings or the infliction of injury or pain on animals.

GRIET shall create a conducive environment for research. Due to limited resources, the Institute may not support fully all research likely to be undertaken, but it shall allocate the space, facilities, partial funding, and other resources for research based on the scholarly and educational merits of the proposed research. It shall also provide development opportunities to researchers for writing research proposals and reports, publications, patent filing, etc.

Collaborative Research Projects:

The Institute-Industry Interaction is the demand of the day. If we want to contribute to society at large, the Institute must closely work with industries and different organizations. Industries and business organizations are facing various kind of problems, and many of them would like to have help from the academic institutes to find solutions to their problems. For that, the Institute has planned to have the following activities:

(i) Industry Sponsored Research Project (Consultancy):

An organization can sponsor a project and the experts of the institution concerned can research the project for which the financial support will come from the organization. As a result, if any patent is registered, then there shall be a sharing of income arising out of the patent among the Industry, Researcher, and Institute. It will lead to three kinds of benefits:

- a) the researcher will get exposures to the concerned area of research;
- b) the industry will get solutions to its problem; and,
- c) the Researcher, Institute and Industry can earn money, and at the end, the society ultimately will benefit.

Financial Support received from any organization is divided into the ratio of 90:10. 90% of the funds will be given to faculty/PI of the project and remaining 10% of the funds transferred to Institute for Over Heads

(ii) Interdisciplinary Research:

The interdisciplinary research is a must nowadays. No department, Institution or researcher can address a research problem in which more than one discipline is involved, and unless they get together and conduct interdisciplinary research, no fruitful findings can arrive yet. Therefore, the Institute has decided to have exercise in multidisciplinary research activities for which the following steps will be taken:

- a) Identify an interdisciplinary area.
- b) Identify the different experts from concerned disciplines who can work together.
- c) Study the requirement of the infrastructure to conduct relevant multidisciplinary research.
- d) Explore possibilities to find resources for such interdisciplinary research

Publication of Papers and Journals:

Publication of papers is critical for the effectiveness of the Institute. Faculty must publish continuously in quality Journals & Conferences (Indexed in Scopus & Web of Science). Therefore, the Institute plans to encourage the publication of papers by the faculty with a targeted aim. A faculty member shall be expected to publish a certain number of research papers in refereed journals & conference at national and international levels.

Research papers to be published in identified journals and to be presented at national and international conferences shall be scrutinized and guided by a committee of senior professors appointed by Dean R & D

Each department shall be encouraged to publish a quality journal and organize research conference, from time to time to boost research activities in the Institute.

Incentives for Outstanding Research:

The Institute would like to encourage quality research in different thrust areas. For this purpose, outstanding research contributions done by faculty and student shall be recognized. Therefore, the Institute shall prepare a scheme for providing an incentive to faculty and students. The incentives are identified as under:

- a) Incentive in terms of money
- b) Incentive in terms of awards/prizes
- c) Incentive in terms of more funding for the ongoing research
- d) Incentive in terms of a certificate or giving more weight for the career advancement scheme, etc.

Research Misconduct:

The Institute believes that the occurrence of misconduct is a threat to the basic principles of research. The Institute defines research misconduct, as any fabrication, falsification or plagiarism in proposing, performing or reviewing research or in the reporting of research results. Research misconduct does not include an honest error or differences of opinion, authorship disputes that do not involve plagiarism, and violations of other University policies (e.g., sexual harassment policy). Misconduct in research damages the integrity of the profession and undermines the credibility of faculty/students/scholars. It is also antithetical to the values the Institute strives to maintain and promote.

The Institute shall take all allegations of misconduct seriously, and shall ensure that the procedures for the inquiry, investigation, and adjudication of any misconduct are well defined and just for all parties involved.

This policy shall reviewed for every Three years



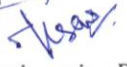


Dr. Swadesh Kumar Singh

Dean - R & D

Professor, Mechanical Engineering

Prepared by:

1. Dr. Suresh Kumar Tummala 
Professor, EEE Department, GRIET
2. Dr. Phaneendra Babu Bobba 
Professor, EEE Department, GRIET
3. Dr. Satyanarayana Kosaraju 
Associate Professor, Mechanical Engineering Department, GRIET