

## RESEARCH AND DEVELOPMENT POLICY

### 13.1 EXTERNAL FUNDED RESEARCH

13.1.1 It is recommended that every faculty should approach to the industry/Govt. /Private funding agencies for external funded research.

13.1.2 The faculty members, who are eligible to be project guides, need to take initiative for the same.

13.1.3 It is desirable for department that they should have minimum 1 external funded research project work every year.

13.1.4 The Research & development cell shall guide all departments to get the funding via different schemes. It will also ensure that every department should follow the policy defined for the same.

13.1.5 All the expenses related to research work are subject to sanctioned budget of Research and development committee which is to be prepared by various Head of department and R& D committee at start of financial year.

13.1.6 The Following funding schemes can be preferred to approach for funding

- Grant for Organizing conference
- Research Promotion Scheme
- Collaborative Research Scheme
- FDP and STTP
- AICTE-INAE Teachers Research Fellowship Scheme for Faculty
- Travel grant
- DST and allied AICTE/ UGC/ Central Laboratories schemes
- Any other schemes

### 13.2 Internal Funded Research

13.2.1 Institute should ( or would?!) establish a R&D cell to look after the R&D activities of the faculty, staff and students

13.2.2 R&D cell should invite research proposals from faculty staff and students in a prescribed format

13.2.3 Proposal so submitted should be scrutinized by R&D cell and selected proposals should be considered for internal funding.

13.2.4 Institute should( Would?!) allocate a suitable amount of budget for every year.

13.2.5 R&D cell should ensure utilization of this budget.

### 13.3 UG PROJECT

13.3.1 It is recommended that at least 20% of the UG project should be industry sponsored.

13.3.2 The students (Projectees) should approach to the industry through Project guide and Project coordinators.

13.3.3 Funding from institutes own resources should be used for UG projects, based on budgetary provisions

13.3.3 The UG project quality should satisfy following criteria

Problem Identification

Process of Project evaluation

Performance Evaluation of team

Outcome of the project along with successful prototype

Participation in project competition/ Paper publication

### 13.4 IPR Policy for Research development Projects

The Intellectual Property Rights of the project is to be kept with concerned guides and student team members. It will be based on participation of investigators( Needs discussion) .

Any dispute arising need to be settled by R& D committee, HOD and in consultation with the Principal.

### 13.5 Innovation Policy

The Innovation and incubation Cell should encourage faculty mentor and students for innovation by providing support through funding and infrastructure facility. The Faculty mentor should motivate student for innovation via industry sponsored projects. The faculty and students should also work for their own innovation under the guidelines of Innovation and incubation cell.

The outcome of the innovation should be reflected into monograph or patent in case of any possibility.

Typically, innovative projects are collaborative works and have multiple team members. Thus, the incentive will be divided equally across all the participating team members of GIT.

Any Grievance of the investigators regarding the credibility, incentives and funding or any other issue concerned with R&D shall be settled by innovation and incubation cell and respective HOD of department.

13.6 Publication in refereed journals, Books & Book Chapters

As a criteria of system of performance appraisal, faculty members has to publish his scientific work in peer reviewed Journals. Faculty members are encouraged to publish books or book chapters through renowned publishers.

13.6 Awards for publications of text books in relevant engineering discipline

13.6.1 Rs. 10,000/- if the text book is published by an international publisher like McGraw Hill, Prentice Hall, Oxford University Press or other internationally reputed publishers.

13.6.2 Rs. 50,000/- if the text book is published by a national publisher like Tata-McGraw Hill, Prentice Hall of India, MacMillan India, Sage etc.

13.6.3 Rs.3,000/- if the text book is published by Regional / Local publishers.

13.7 Incentive for publishing Technical paper in National/ International journals for faculty from Engineering and Applied Sciences and Humanities stream

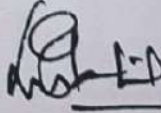
13.7.1 Rs. 5,000/- for each paper published in peer reviewed International Journal indexed in SCI /SCOPUS/ IEEE transactions/ any other equivalent indexing agencies. Such lists are being published by AICTE & UGC. To be confirmed now as count is increasing


13.7.2 Rs. 3,000/- for each paper published in any of the reputed National Journals.

13.7.3 In case the Journal is not listed in agencies as above, the research & development cell shall ascertain the international or national standing of the Journal and reputation of publisher house.

13.7.4 Publications in predatory journals should be avoided.

13.7.5 For publication having multiple authors from GIT, the incentive shall be equally distributed among GIT faculty up to first 3 authors.

  
Principal

  
Trustee Representative