

RESEARCH AND DEVELOPMENT POLICY

1. External Funded Research

- 1.1 It is recommended that every faculty shall approach to the industry/Govt. /Private funding agencies for external funded research.
- 1.2 Trust shall incentivize the Teachers in proportion to the amount of funded project as:
Professor: 2 %
Associate Professor: 3 %
Assistant Professor: 4 %
- 1.3 It is desirable for department that they shall have minimum 1 external funded research project work every year.
- 1.4 The Research & development cell shall guide all departments to get the funding via different schemes. It will also ensure that every department shall follow the policy defined for the same.
- 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.
- 1.6 The Following funding schemes can be preferred to approach for funding :
 - I. Grant for Organizing conference
 - II. Research Promotion Scheme
 - III. Collaborative Research Scheme
 - IV. FDP and STTP
 - V. AICTE, INAE Teachers Research Fellowship Scheme for Faculty
 - VI. Travel grant
 - VII. DST and allied AICTE/ UGC/ Central Laboratories schemes
 - VIII. Any other schemes

2. Internal Funded Research

- 2.1 R&D cell shall invite research proposals from faculty staff and students in a prescribed format.
- 2.2 Proposal so submitted shall be scrutinized by R&D cell and selected proposals shall be considered for internal funding

- 2.3 Institute shall allocate a suitable amount of budget for every year.
- 2.4 R&D cell shall ensure utilization of this budget.

3. UG Project

- 3.1 It is recommended that at least 20% of the UG project shall be industry sponsored.
- 3.2 The students (Projectees) shall approach to the industry through Project guide and Project coordinators.
- 3.3 The UG project quality shall satisfy following criteria
 - I. Problem Identification
 - II. Process of Project evaluation
 - III. Performance Evaluation of team
 - IV. Outcome of the project along with successful prototype
 - V. Participation in project competition/ Paper publication
 - VI. There shall be Project Advisory Committee (PAC).
- 3.4 Following procedure shall be followed for selection of project:
 - I. PAC shall prepare Problem Bank/ Repository throughout year.
 - II. Teachers, Non teaching Staff, Students shall submit the Problem / Idea to PAC.
 - III. PAC shall essentially meet in March/April each year to discuss Problem identification (Preferably from Problem/ Idea Bank)
 - IV. If the problem is selected to undertake a major project at Final year, the idea owner/ problem submitter will be rewarded Rs.500/-.
 - V. The department / college shall identify some thrust areas for projects(For e.g. industrial waste, environ, sustainability, green technology, low cost automation, value addition to locally available raw materials, Societal use etc.).
- 3.5. UG Major project funding
 - I. Final year projects shall be funded by the college up to maximum amount Rs 5000 per project.
 - II. Collaborative project work among departments is encouraged. Such collaborative project will be eligible for maximum funding of Rs. 10,000.
 - III. SOP for final year project funding shall be made available by R and D Cell.

4. IPR Policy For Research Development Projects

- 4.1 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.
- 4.2 Any dispute arising need to be settled by R& D committee, HOD and in consultation with the Principal
- 4.3 The official fees charged for submission of application of patent is reimbursed after submission of receipt.

5. Innovation Policy

- 5.1 The Innovation and incubation Cell shall encourage faculty mentor and students for innovation by providing support through funding and infrastructure facility.
- 5.2 The Faculty mentor shall motivate student for innovation via industry sponsored projects.
- 5.3 The faculty and students shall also work for their own innovation under the guidelines of Innovation and incubation cell.
- 5.4 The outcome of the innovation shall be reflected into monograph or patent in case of any possibility.
- 5.5 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.
- 5.6 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.

6. Publication in Refereed Journals, Books & Book Chapters

As a criteria of system of performance appraisal, faculty members have to publish his scientific work in peer reviewed Journals. Faculty members are encouraged to publish books or book chapters through renowned publishers. Also a practice shall be established in the departments of 'Research paper discussion' every week, preferably on the project day. In this, every week one faculty will discuss/elaborate his own published research paper in simple language to students/staff members. This can enhance research culture in the department and hence in the institute.

7. Awards for publications of text books in relevant engineering discipline

- 7.1 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.
- 7.2 Rs. 5,000/ if the text book is published by a national publisher like Tata McGraw Hill, Prentice Hall of India, MacMillan India, Sage etc.

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

- 8.1 Rs. 2000/ for each single author paper published in UGC care list.
- 8.2 For publication of three Single author papers in UGC care listed journal in a single academic year, additional Rs 5000 incentives shall be given to single author paper.
- 8.3 Publications in predatory journals shall be avoided.
- 8.4 For publication having multiple authors from GIT, the incentive shall be divided in the ratio 3:2:1 among GIT faculty up to first 3 authors.
- 8.5 For collaborative work (with other university college or author), GIT authors of the UGC care listed papers will be rewarded with Rs. 2000 incentive if first author, Rs 1000 if second and Rs.500 if third. The total number of authors for such papers shall not exceed 5.
- 8.6 The duplication, falsification and plagiarism will be considered as offence and will be dealt with severely including CAS.

9. Awards for Publishing Professional Articles

- 9.1 The publishing in magazine and newspaper by faculty and staff members shall be encouraged provided article written is of technical aspect. Authors of such articles shall ensure GIT affiliation is tagged with his/her name.
- 9.2 Rs. 1500/ for International magazine / newspaper.
- 9.3 Rs. 1,000/ for National magazine/Newspaper.
- 9.4 Rs. 500/ for magazine or newspaper being circulated at state level.
- 9.5 Any news published in news paper regarding student and faculty projects, grants shall be encouraged with suitable awards and recognition.

10. Student Publication

Papers published by UG students in journals, book chapters, IEEE, IOP like conferences with publications included in Scopus and web of science will be rewarded with Rs. 4000/- per paper (will be equally distributed between all GIT student authors) and certificate.

11. Guidance and facility to Non-GIT students

Outside students willing to utilize the laboratory facilities, expertise and seeking guidance from GIT faculty shall process their application through Research and Development Cell and grant permission by the Principal. The research and development cell shall keep record of such activities.

12. Ethical and Moral Conduct

In case of Plagiarized work, duplicate publication punitive action shall be initiated as per UGC norms.

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