JIIT NOIDA
POLICY FOR PROMOTION OF RESEARCH

1. Preamble

Research reflects the intellectual strength of the Institute, its response towards the problems in society and vision of the Institute. Jaypee Institute of Information Technology is fully committed to promote research and development activities, by creating a vibrant research environment in the campus that encourages research, innovations and entrepreneurship. The Institute is implementing specific and goal-oriented research activities and schemes to be undertaken by the faculty independently or collaboratively involving industries/corporates, students and other academic/research Institutions of repute as per research guide lines.

2. Objectives

- To emerge as a leading Institute in research, development and innovations.
- Create a research culture to develop passion with openness, flexibility with simplified and encouraging policies with adequate infrastructure.
- To conduct responsible and ethical research.
- To encourage quality publications in reputed journals, periodicals and conferences, file patents and transfer knowledge/technology to industry/corporate.
- To promote collaborative research projects and consultancy with industry/corporate.
- To promote interdisciplinary research involving various disciplines.
- To nurture an atmosphere for undertaking socially useful and productive research.

3. The Research Promotion Policy Statement

To create, build and sustain an overall framework, environment and provide guidelines that enable JIIT to realize its vision through research and innovative activities.

4. Research Guidelines

4.1 Research promotion and Monitoring committees

To promote and monitor the research, the Institute has three committees at different levels:

1. Research Advisory Committee (RAC)
2. Departmental Research Committee (DRC)
3. Doctoral Program Monitoring and Advisory Committee (DPMAC)

The constitution and functions of these committees are as under:

1. **Research Advisory Committee (RAC)** consists of:

   Vice- chancellor
   Director
   All Deans
   Vice-Provost
   All HOD's

   Six external experts from Industries and Institutions (nominated by Vice Chancellor)

   Registrar (non member Secretary)

The functions of RAC are as follows:

- To promote, strengthen and facilitate research at different levels in the Institute.
- To identify directions of the academic development of the Institute.
- To facilitate academic development in the identified direction.

2. **Departmental Research Committee (DRC)** consists of:

   HOD
   All Professors
   Two Associate Professors
   Two Assistant Professors

The term of members at Associate and Assistant level is three years by rotation and they should be eligible to be a Ph.D. guide. The functions of DRC are as follows:

- To arrange for mid-term review and advice for course correction, if any, of Ph.D. scholars of the department.
- To identify the areas of research, excellence and thrust for thedepartment.
- To facilitate sponsored research projects.
- To identify the facilities needed for development of research environment and to strive to develop the same.
- To identify the LRC resources required for the research in the department.

3. **DPMAC** – A separate DPMAC for each Ph.D. scholar is constituted as per the following constitution:

   Dean (Academic & Research)/ Dean (Research, Innovation and Development)
   Director / HOD
   Supervisor(s)
   One faculty member of the department
   One faculty member from an allied department

The functions of DPMAC are as follows:

- To allot and review the course work of the Ph.D scholars.
- To review the progress of Ph.D. Scholar through semester presentation and advise suitably.
- To review the entire work done by the Ph.D. scholar when the scholar is prepared to submit synopsis and make suitable recommendations regarding submission of synopsis by the scholar.
- To assess and advise for improvement of the synopsis after the synopsis presentation is given by the Ph.D. Scholar.
- To be a part of the committee to evaluate the final viva of the scholar and to suitably recommend for the award of degree.
- To consider the request of scholar for conversion from full time to part time, if any, and recommend the same suitably, considering suitability of the workplace of the scholar for required research facilities.

On the suggestion of these committees the following have been implemented:

- A system of presentation of complete work by research scholar to DPMAC before starting to prepare synopsis.
- Assessment of quality of papers published in journals prior to work presentation before the DPMAC.
- A system of communication of extracts from examiners reports to the research scholar prior to final viva.

- A requirement of submission of plagiarism check report from Turnitin software, available in LRC, on all submissions of research reports, papers, theses, project reports.
- A system of mid-term comprehensive review of progress of Ph.D scholars work.

4.2 Promotion of Research:

1. **Registration of Faculty Members for PhD**: The faculty members without Ph.D degree are required to register for Doctoral Program.

2. **Sponsored Research Projects**: The Institute encourages sponsored research projects to be undertaken by the faculty. Principal Investigators (PIs) of such projects are supported and encouraged through following measures and facilities:
   - Institutional financial support for research is given in addition to project funds.
   - Free and on the call extension of Institutional facilities.
   - Dedicated laboratory space allocation to PIs.
   - Freedom to PIs in matters of procurement, selection of project staff, and utilization of contingency and overhead funds.
   - Simplified speedy sanction of purchases
   - Timely auditing of project accounts and issue of utilization certificates
   - Timely release of grant

3. **Research and Development Project Scheme for Faculty:** JIIT has a Research and Development Project Scheme (RDPS), for young faculty members, to provide financial support for research and development projects.

4. **Research Seed Money:** Any faculty member who wants to start/write research project or already have research project is provided with some seed money depending upon the nature of the research work he/she wants to start with.

5. **Interdisciplinary Research:**

   Jaypee Institute is promoting collaborative research with National/ International Organizations / Institutions of high repute.

6. **Sabbatical Leave**: The Institute provides facility of sabbatical leave to its faculty for pursuing advance research and related activities in International Institutions and Universities.

7. **Institute facilitates Researchers of Eminence to visit the Campus.**

   In order to sensitize faculty and research scholars towards the need for individual, group, interdisciplinary and sponsored research, national and international workshops/ seminars, visits of experts from premier institutions of India and abroad are organized from time to time.

   Experts are invited to deliver lectures, and conduct workshops for scholars and students.

8. **National and International Conferences:**

   The Institute organizes national and international conferences in various discipline every year in which eminent Scientists and Scholars from India and abroad participate.

9. **Post Doctoral Fellowships/Research Associateships.**

   Jaypee Institute encourages research by awarding Post Doctoral Fellowships/Research Associate ships.

10. **The financial provisions made in the university budget:**

    JIIT has made adequate financial provisions to support student's research projects. The budget provisions are made in following heads:
    - Purchase of Research Equipment, Software and Consumables

- Maintenance of the existing Equipment
- Subscription to research Journals
- Ph.D. Teaching Assistantships
- Sponsorship for attending conferences/seminars/workshops to Ph.D., M. Tech students
- Organization of conferences/ workshops/ seminars

  Besides, financial support is also provided to the students for fabrication of research materials/samples, equipments and payment towards use of research facilities in the laboratories of other institutions.

11. Encourages its Faculty to file Patents:

JIIT is encouraging faculty and students to innovate and protect their ideas/research work via patents and other forms of IPR. Faculty is appropriately rewarded for the same.

JIIT has framed and notified its IPR policy and an IPR & Patenting Activities Committee has been constituted. Several lectures/workshops have been conducted to enthuse faculty and research scholars into patenting activity as listed below:

12. Patents and related Lectures / Workshops / Seminars:

1. Workshop on ─Patent Search

2. Workshop on ─IPR Awareness

3. Expert lectures

JIIT is currently exploring the possibility of establishing an Innovation Centre in collaboration with NRDC and entering in MOU. Existing faculty of the Institute have eight patents and three technology transfers to their credit. Further, seven patent applications of the faculty are pending.

13. Research Facilities:

JIIT envisions to become an institution of excellence in imparting quality teaching to empower young generation with knowledge, skills and research attitude. The Institute is continuously making efforts to improve the laboratory facilities for research and innovative activities including IT infrastructure.

Every year, present and future needs for upgrading and creating research facilities in the emerging research areas are assessed through departmental faculty meetings and communicating to the Institute Academic Management Committee.

14. Research Credentials for Promotions of Faculty:

JIIT has framed a policy for the internal promotions of the faculty giving due weightage to the research credentials.

15. Ethical Conduct in Research:

JIIT has framed guidelines for the policy for ethical conduct in research.

16. Policy for incentives to teachers, research scholars and students for receiving state, national and international awards/recognitions

To encourage and motivate faculty, research scholars and students to publish quality research/innovative work and participate in various professional and social activities, the Institute provides incentives who receive State, National and International awards.