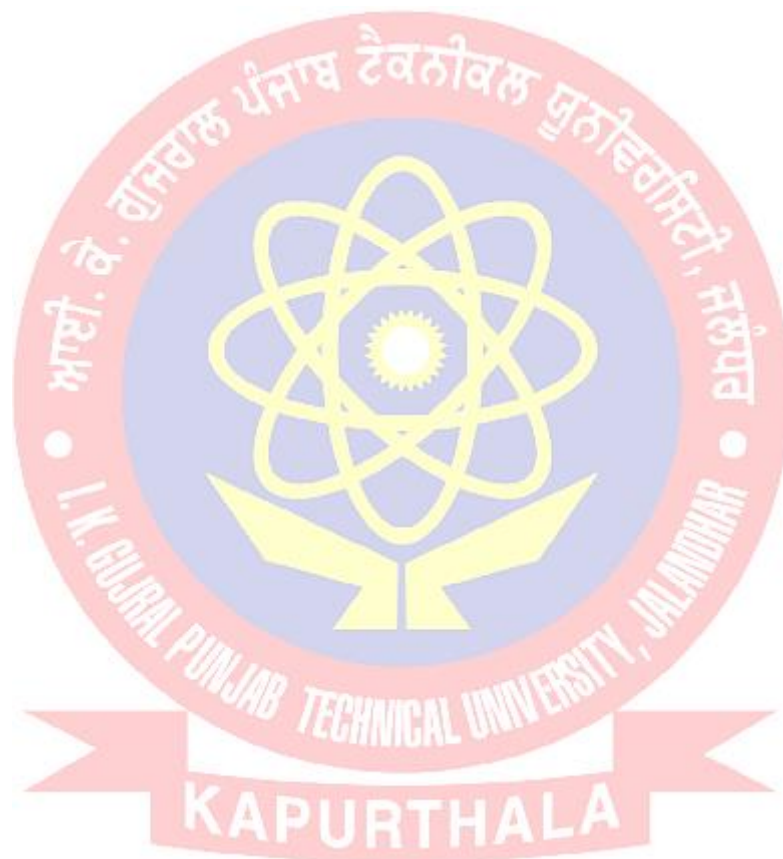


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Research Facility: Policy for Research Promotion



**I.K. GUJRAL
PUNJAB TECHNICAL UNIVERSITY**

Jalandhar-Kapurthala Highway, Kapurthala



Research Policy

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I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY
Department of Research & Development

RESEARCH POLICY

1. Introduction

Research is fundamental to the growth of our teaching and learning. The university is committed to the advancement of the knowledge for the economic growth and emancipation of the humanity. We endeavour to address the challenges we face in society as a nation and globally. The act of IKGPTU mandates it to conduct research at the University for the advancement of the institute through transmission of knowledge and conduct a scholarly inquiry.

2. Purpose:

The purpose of the research policy is to develop an ecosystem of research within which faculty and scholars carry out their research for the advancement of their knowledge. It also envisages the comprehensive framework for the development and implementation of all research programs at IKGPTU.

3. Scope:

The IKGPTU Research Policy will be applicable to all the faculties/scholars involved in research/ sponsored projects/ consultancy projects including Ph. D scholars registered with PTU working in main campus, its constituent colleges, its affiliated colleges and scholar registered under an MoU.

The research activities at IKGPTU will include the research work of direct relevance to IKGPTU, society, start of Projects of government (State and Central), industry and commerce. The research will be carried out in national and international collaboration also under ambit of the Government Rules.

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4. Objectives

- The institutional growth through research.
- To instill the research culture to improve the institutional environment for all i.e. faculty, scholars, and students.
- Research activities for improving physical facilities of the institute, including laboratories and equipment.
- To establish research centers with center of excellence.
- To disseminate the outcome of the research work through publication of papers in the indexed journals with impact factor.
- To earn patents from research output.
- To attract funds from Government as well as from private organizations.
- To attract good faculties and students.
- To update syllabi through the experience of research.
- To have local, national and global collaborations.
- To develop a problem-solving culture using S&T.
- To create human capital by running Ph.D. program on its campus and different centers.
- To commercialize research outputs including but not limited to process, design, and products.

5. Rights and responsibilities in the conduct of research:

The research carried out on the campus covers basic research, applied research, design development, product development, problems relevant to the need of industry through projects supported by industry or the Government or society, and endowment funds.

The policy emphasizes that each faculty/scholar has the freedom to carry out independent research, scholarship and/or creative activities related to their discipline/interdisciplinary/in any new emerging field. They may engage themselves in interdisciplinary and interdepartmental research activities and research sharing. The faculty may participate in collaborative research with national

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organization, international organization, and private industries. They will have the freedom to seek support from any source under the ambit of the law of the land for their work.

Faculty will have right to disseminate the results and findings of his/her research without suppression or modification from external sponsors unless it is stated in the agreement or stated regarding conditions of a project which prevents from dissemination. The finding and conclusions should be available for analysis, assessment, and scrutiny as required by the university.

The regular faculty has right to engage in external consulting activities as per guidelines laid in the consultancy rules.

The faculty can enroll the students under the Ph.D. program for research as per guidelines of Ph.D. of IKGPTU.

The faculty can hire JRF/SRF in the sponsored project as per guidelines of the project.

Faculties are expected to play a role of mentor to the research scholar and the staffs who are associated with them in the research group.

Faculty members will adhere to the rules of the university while dealing with staff and students working as part of the research team.

The policy does not prevent a HOD in assigning the faculties regular academic work and other responsibilities as per UGC/AICTE or the University rules.

6. Research techniques to be used:

Research techniques to be used should be in the conformity of professional ethics about the health, safety, privacy, and other personal rights of human beings or the infliction of injury or pain on animals.

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7. Statutory requirements

- (a) Academic staff and students are required to carry out their Research in compliance with all the University's obligations under legislation and any ethical and contractual obligations.
- (b) Research projects that involve human or animal subjects, including those undertaken as part of a teaching program must have prior approval of the competent authority.
- (c) All Academic staff, students, and visitors of the University are required to make themselves aware and follow the University Health and Safety Policy.

8. Research Management

The implementation and updation of the Research Policy will be done by the Department of Research & Development. The University Research Board is the advisory body chaired by the Vice-Chancellor to finalize rules and regulations of the research policy.

The research scholar pursuing Ph.D. in the university will be governed by the Ph.D. guidelines. Even if a scholar is sponsored by an external agency then also the scholar must adhere to the Ph. D guidelines of IKGPTU.

The faculty can hire JRF/SRF in the sponsored project as per guidelines of the project. The hiring of the fellow will be done with approval of the competent authority of the University.

9. Resources in Support of Research

1. The university will provide Research Fellowship to each department every year for the students registered for Ph.D. on the IKGPTU Kapurthala Campus i.e. the fellowship will be available to the research scholars registered with IKGPTU Main Campus only. They will be governed by university Research Fellowship rules (as per University's Research

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Fellowship policy). Additionally, university may also enrol research scholars without fellowship as per available slots.

- 2. The university will allow the CSIR/UGC/DBT or other fellow to register for Ph. D.
- 3. The university will provide seed money as per UGC norms.
- 4. In order to file patent of the research output, financial support will be provided as per patent policy of the university.

10. Research Planning

The department and faculty are free to develop and implement its research plan in coherence of the University Research Strategy and the University Strategic Plan.

11. Retention and Access to Research Data

The PI and university will have rights and responsibilities regarding access to, use of, and maintenance of original research data. The tangible research property, including the scientific data and other records of research conducted under the auspices of IKGPTU, belongs to IKGPTU. The PI and guide are responsible for the maintenance and retention of research data.

The above-said policy applies to the university faculty, staff, students and other persons of the university involved in the design, conduct or reporting of the research at or under the auspices of the university. It shall apply to all the research projects on which those individual's work, regardless of the source of funding for the project.

If a contract or project is sponsored that includes specific provision(s) regarding ownership, retention and access to technical data, the provisions(s) of that agreement will supersede this policy.

12. Evaluation and Monitoring of Performance

The intellectual and tangible property rights and responsibilities will be reviewed by the faculty member with all his group members,

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including staff, students, and post-doctoral fellows and visiting scholars. The report will be submitted to the office of the Dean R&D.

The university research performance will be evaluated by the office of the Dean R&D annually.

The Dean R&D will monitor performance of Research Centres operating on the campus or under ambit of IKGPTU at any location.

The R&D may publish an annual report of research performance in terms of publications, patents, technology transfer, commercialization of research, consultancy work, and the sponsored projects.

13 Recruitment and Staff Development

The recruitment of the staffs would be done in a sponsored project as per conditions laid down by the sponsoring agency. If the sponsoring agency does not specify the qualifications, the rules of IKGPTU will be applicable.

14. Postgraduate Research (PGR) Student

- (a) The Dean (R&D), Deans of other faculties and Heads of departments will be responsible to ensure that the management of PGR degree complies with the university statutes, policy and procedures.
- (b) The registrar is responsible for ensuring that faculties and departments/schools make appropriate budgetary provision for the support of postgraduate student Research.
- (c) Workload of the departments will be distributed to the faculties as per rules before approval of the enrollment of the PGR students.

15 Financial Support to attend National and Oversea's academic interaction by research scholars:

As per IKGPTU rules.

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16 Contingency:

Contingency grant to the research scholars will be provided as per IKGPTU rules.

17. Publication and Intellectual Property

- (a) The University expects all Research outputs will be publicly available unless it is restricted by the sponsoring agency or the Institute.
- (b) The university may withhold research output for any good reasons.
- (c) Faculty, scholars, Staff and PGR students are required to comply with the University's Intellectual Property Policy.

18 Technology Transfer:

The Principal Investigator (PI) and the team should seek approval from the university for transfer and/or commercialization of research output. The revenue, thus earned, may be distributed as per IKGPTU rules.

19. Research Centers (RC)

The policy emphasises to create different research centres in the campus to carry out research in thrust area or for excellence in research including area of applied research.

- (a) Research centers will help in promoting University's Research's reputation. The centers should also serve as medium for engaging other research institutions and industries including collaborative research. Interdisciplinary and multidisciplinary research should be encouraged to attract external funding.
- (b) RC will help in the involvement of nationally and internationally recognized researchers.

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(c) If any Research Center is to be created, it should be approved by the BOG.

20 Legislative Compliance

The University is required to manage its policy documentation within a legislative framework.

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