



GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY

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Research & Development Cell

Introduction

The New Education Policy (NEP) 2020 envisages a strong and vibrant research ecosystem within Universities that promotes research, innovation and technology development. Furthermore, collaborative, outcome-driven translational research in interdisciplinary/multidisciplinary areas will benefit academia, industry and society. With this goal, the University Grants Commission (UGC) has proposed the establishment of the 'Research and Consultancy Cell' in Higher Education Institutions. The 'Directorate of Research and Consultancy' (DRC) in G.G.S. Indraprastha University(GGSIPU) has been renamed as 'Research & Development Cell' (RDC) as recommended by the committee constituted for periodic review and step wise implementation of NEP-2020 in GGSIPU. The overall framework of the 'Research and Development Cell' at G.G.S. Indraprastha University is in accordance with the UGC guidelines for the establishment of this Cell in Higher Education Institutions.

Vision

To put in place a robust mechanism for developing and strengthening the research ecosystem within GGSIPU, aligned with the provisions of NEP-2020.

Mission

1. To create a conducive environment for enhanced research productivity.
2. To encourage collaboration across industry, government, community- based organizations, and agencies at the local, national, and international levels.
3. To facilitate greater access to research through mobilization of resources and funding.

Objectives

With the goal to strengthen the existing research ecosystem in the University for reliable, impactful, sustained and quality research output, the Research and Development Cell at GGSIPU has the following objectives:

A. Research Promotion and Guidance:

- Provide research support and guidance with the aim to encourage faculty to conceive ideas through enhanced industry- academia interaction and prepare research proposals for funding from various agencies.

- To help in formation of research clusters and/ or regional research consortia to bring together researchers, faculty, students, scholars and post-doctoral fellows for joint/collaborative high value (inter disciplinary and trans disciplinary) research projects to avail national and international funding opportunities.
- Develop a policy for identifying specific incentives for research.
- To handle different aspects of the Ph.D. program in the University, disburse fellowships to Ph.D. research scholars under various schemes of the University and outside the University, etc.
- Facilitate faculty research and academic growth by coordinating the Faculty Research Grant Scheme (FRGS), processing membership fee of society/academic bodies, processing of article publication charges, faculty achievement award, etc.

B. Research Monitoring:

To monitor and oversee research progress, coordinate programs, manage, facilitate and optimize resources, timely review of research activities for completion of the projects as per schedule, etc.

C. Capacity Building:

To organize events like capacity-building programmes (Research – Methodology and Research Techniques), and specific research theme-based workshops and research internships.

D. Integrity and Ethics:

To take initiatives to sensitize the research community to understand the importance of integrity and ethics, and comply with ethical codes of research and publishing practices at institutional, national and global levels.

E. Resource Sharing and Mobilization:

- Strengthen resource sharing in content and infrastructure both within the University and among Universities, funding agencies, industries, corporates and Government.
- Facilitate resource mobilization and create a corpus for research and development from government, industry and other funding agencies and channelise corporate social responsibility (CSR) funds for sustenance and furtherance of research activities.

F. Collaborations:

Act as a facilitator for networking and collaborative research with other national and international institutions working in inter-disciplinary, trans-disciplinary & multi-disciplinary research areas.

G. Research Information Management System:

To put in place a research information management system in the University to collect and manage research-oriented information, databases, publications, research projects, fellowships, collaborations, patents, thrust areas, innovations etc. aligned with the

University's research policies.

Governance

The Research and Development Cell of the University shall carry out different activities to fulfill its objectives with the help of a Research Council and different committees.

(A) Research Council

- (i) Hon'ble Vice Chancellor, Chairman
- (ii) All Deans, USS and Directors of University

*Director, Research and Development Cell shall be the convener of the Research Council.

(B) Research Programme, Promotion and Policy Development Committee

The Committee shall facilitate strengthening and promotion of research in the University, identification of thrust areas for research in various USS/Centres, research guidance and monitoring through different activities including interaction with various stakeholders of the University, creating enabling provisions in research policies for recruitment of research personnel, procurement of equipment, and financial management with adequate autonomy to the Principal Investigator(s) and disseminate research outcomes to stakeholders and the public at large, as well as monitoring and overseeing research progress to ensure a timely completion of the projects as per schedule.

(C) Collaboration, Consultancy, Community Committee

The Committee shall act as a facilitator for networking and collaborative research with research, development and engineering organizations, institutions, associations, NGOs, government bodies, as well as encourage collaborative research and consultancy with industry, at the national and international level. The Committee may also encourage formation of research clusters to bring researchers, faculty, students, scholars, and Post-Doctoral Fellows within and outside the University for joint research projects to avail national and international funding opportunities. The Committee shall organize events like capacity-building and capacity-guiding programs, research internships and researcher mobility programmes. The Committee shall also take initiatives to sensitize the research community to understand the importance of integrity and ethics, and comply with ethical codes of research and publishing practices at institutional, national and global levels.

(D) Product Development, Monitoring and Commercialization Committee

The Committee shall organize events to create awareness and exposure about product/technology development, designing and prototype development along with the hands on training on associated advanced techniques and technologies. It shall also organise training programmes in the domain of technology management and technology commercialisation, and take initiatives to establish product/technology development networks. It shall create system for enabling commercialization of research and technology transfer. The Committee shall catalyse and facilitate innovation, incubation, entrepreneurship and start-ups.

(E) The IPU-IPR Cell

The roles of the IPU-IPR Cell have already been defined in the IPU -IPR policy of the University.

- The members of the various committees shall be proposed by the Director, Research and Development Cell and approved by the Hon'ble Vice Chancellor.
- The different committees may co-opt other members from USS/Centres within the Campus if required for carrying out various activities, after approval of the Vice Chancellor. The committees shall meet at least once a month or as frequently as required to plan and conduct various activities as assigned to them.
- All the committees shall submit a report of the different activities/initiatives taken by them every three months to the Research and Development Cell to be submitted to the Hon'ble Vice Chancellor.
- The term of all the committees shall be three years.


(Prof. Nimisha Sharma)
Director (RDC)