



**DEEN DAYAL UPADHYAYA
GORAKHPUR UNIVERSITY
GORAKHPUR**

**POLICY
DOCUMENT**

Internal Quality Assurance Cell (IQAC)

**POLICY FOR PROMOTION OF
RESEARCH**

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PREAMBLE:

The University is committed to provide congenial environment to all faculty members and research scholars to do excellent research pertaining to both local and global issues. The Research Promotion Policy of the university aims to help its faculty members, research scholars and other stakeholders to achieve the excellence in “research, innovation and entrepreneurship” contributing to upliftment of both institution and society.

PURPOSE:

The sole purpose of policy for promotion of research is to provide congenial environment and adequate facilities for the students and faculty members to plan, conduct and execute research addressing local, national and international issues pertaining to diverse areas.

SCOPE:

The policy is being framed for all the faculty members, students and other members of the DDU Gorakhpur University, Gorakhpur who are engaged in doing independent or collaborative research involving different departments, institutions or organizations with financial support from different Government and NGO funding agencies both at national or international level.

OBJECTIVES:

- To encourage faculty members to formulate specific research projects based on their area of specialization for financial support by different funding agencies.
- To initiate collaborations with national and international institutes/ universities for developing state-of-the art technologies relevant to different disciplines.
- To motivate the faculty members and PhD scholars to publish the outcomes of their research in peer reviewed journal with high impact factors, file patents and transfer technologies to relevant industries.
- To recognize both faculty members and students for their significant research outcomes by awards.

STRATEGIES FOR PROMOTION OF QUALITY RESEARCH:

1. The University shall strive to create a conducive environment of research and will provide the basic infrastructure for execution of sanctioned projects and for doing research proposed for PhD thesis of research scholars registered in different departments of the University.
2. The University grants freedom to its students and faculty to carry out research in their chosen field, approach to any funding agencies for financial support and report their innovations, findings and conclusions freely.
3. The projects submitted by faculty members for financial support from different agencies are forwarded by the concerned University authority after proper scrutiny from the Technical Cell with incorporation of constructive criticism of peers.
4. The University also expects that faculty members and students adhere to existing professional ethics, norms pertaining to the health, safety, privacy, and other personal rights of human beings.
5. The University promotes the Departments to have a defined thrust area of research based on the expertise available to attract research scholars and enhances the possibility of getting financial support from different agencies.
6. The University has budgetary provision for seed money for young faculty members who are not eligible for grants from external funding agencies to initiate research. Applications from faculty members will be invited and after screening budget will be allocated.
7. The University promotes all faculty members to submit at least one research project to any government or non-government agency for financial support.
8. The University also promotes departments to submit proposal for “Centre for Excellence” programmes of UP Government regularly.
9. To enhance the quality of research the University promotes faculty members to publish their research in refereed national and international journals indexed in Scopus (Elsevier), Web of Knowledge (Clarivate Analytics) etc.
10. The University has framed a consultancy policy and encourages its faculty members to take up sponsored research and consultancy assignments/projects.
11. University also encourages Department and its faculty members to conduct collaborative research with their peers from reputed national and international Universities and Institutions. To promote collaborative research MoUs with prominent Universities and Research Institutions have been initiated over the years.

12. The University encourages researchers to file patents arising from their innovative works and recently an IPR (Intellectual Property Right) Cell funded by Council of Science and Technology, Lucknow has been established in the University to assist faculty members and students for filing patents and get an insight into other IPR.
13. The University takes serious note of research misconduct by researchers, manifested in terms of fabrication, falsification or plagiarism in proposing, performing and executing research.
14. University promotes research scholars for performing quality research and Ph.D Research scholars doing extraordinary research are awarded Mahayogi Guru Gorakshnath Gold Medal in convocation. This is generally decided by Dean's committee where applications received from research scholars forwarded by respective Head of the Department are screened based on several criteria. Some of the criteria are
 - i) Student should be registered in any department of D.D.U. Gorakhpur University.
 - ii) He should be either first author or corresponding author for the papers published and is to be claimed for award.
 - iii) Research/review papers published in peer reviewed journals under SCI/SCIE with impact factor of Thomson Reuter is preferred.
 - iv) The outcome of the research in terms of publications is considered for the period from the last convocation up to/ or before submission of the Ph.D. thesis.
15. The research scholars registered for PhD in different disciplines must abide by the rules and regulation framed in DDU research ordinances in accordance with provision of UGC (Minimum Criteria and Procedure for awards of M.Phil/PhD degree) regulation 2016. The provision of Departmental Research Committee (RDC), Research Advisory Committee (RAC) and Research Degree Committee (RDC) facilitates smooth registration, progress and evaluation of the research work conducted by research scholars under supervision of recognized faculty member.
16. Recently proposal to provide scholarship to all registered PhD scholars of the University has been initiated to encourage research.

NEW INITIATIVES:

Establishment of new Institutes/Centers/Cells/ Committees: To develop state-of- the art facilities for catering the needs of faculty members and students for conducting innovative research, several Institutes, Centers, Cells and Committees have been established. Some of them are mentioned below:

- ***Institute of Engineering and Technology:*** Aims to promote teaching, research, extension and innovations in the field of engineering & technology. It aims to undertake the basic, applied and need based research to address present and future challenges. Initiate the UG & PG programmes in different engineering disciplines from new academic session 2020-21.
- ***Institute of Agriculture and Natural Sciences:*** Aims to promote teaching, research and extensions in the diverse areas of Agriculture. UG and PG programmes in Agriculture are scheduled in this academic session.
- ***Institute of Genomics and Bioinformatics:*** Adhering to promoting multidisciplinary approach in National Education Policy 2020, D.D.U Gorakhpur University initiated this center emphasizing on three core academic functions i) research and innovation; ii) learning, teaching and outreach programs and iii) research collaboration and internationalization. The emerging state-of-the art technologies of genomics and bioinformatics aims for addressing problems related with food, agriculture, health, industry and environment. Provision for Post-Doctoral and PhD fellowship exclusively in the area of genomic and bioinformatics expedite the innovative research.
- ***Incubation centre:*** It aims to establish linkages with the different industries, private limited considering the activities associated with national innovation and start-up policy (NISP) implementation team of AICTE, New Delhi. An initiative for 100 start-ups in different sectors is in the process. Further conducting workshops/seminars/online lectures for promoting incubators is also a mandate of the centre. Promoting innovative technologies relevant to different sectors like agriculture, health, industry and environment by intervention of research expertise available in the university is one of the major objectives.
- ***International Cell:*** The newly established cell in 2020 fulfills the concept of Internationalization of Higher Education as part of NEP-2020. It aims to enhance the number of overseas students, explore the possibility of MoU with International University of repute, promote collaborative research, attracts international grants/projects. This will improve the overall global ranking of this University.
- ***University Science and Research Promotion and Coordination Cell:*** The newly established cell aims to maintain a database of all funding agencies, create awareness to young faculty members to write relevant research proposals, facilitate the smooth execution of sanctioned projects and enhance research and innovations.
- ***Intellectual Property Right Cell-*** Sponsored by Council of Science and Technology, Lucknow, Uttar Pradesh. It has conducted awareness programs like workshops and lectures, for the faculty members, research scholars, and PG students with the aim of

training them in issues related to IPRs. It has framed IPR policy and recently initiated MOU with NRDC, New Delhi to facilitate filing of patents and its maintenance.

- ***Information Communication and Technology Cell:*** This newly established cell serve as a nodal and central agency for internet connectivity, assist Data centre and Online cell of the University to promote several administrative and academic activities.
- ***C.V. Raman Innovation and Science Lab for Students:*** This cell established in Department of Botany aims to provide space and instrumentation for students of Science to promote innovative research. It aims to encourage students to develop working models, design instruments, conduct need based research and to conduct ceremony every year on Science Day i.e. 28th Feb. to award students for showing innovations.
- ***Centre for Excellence with Teachers of National and International Repute in Science Stream:*** A new centre has been established to develop and maintain a database to teachers of national and international repute in diverse fields of science, develop a virtual lecture theatre for conducting online and offline lectures and promote collaborations.