



Maratha Vidya Prasarak Samaj

G. M. D. Arts, B. W. Commerce and Science College, Sinnar

Affiliated to Savitribai Phule Pune University, Pune
NAAC Reaccredited 'A' grade (CGPA 3.04 III Cycle)

www.gmdcollege.in

Best College Awarded by SPPU 2012-13



Id. No. PU/NS/ASC/013/1969

AISHE: C-41292

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Internal Quality Assurance Cell

(2021-2022)

Establishment of Research and Development Cell

Introduction

The Research and Development Cell is established as per the guidelines given by University Grant Commission. The purpose of the establishment is to develop research culture in the college. The National Education Policy (NEP) 2020 envisages the promotion of quality research within the Higher Education system. Research and innovation are important aspects to enhance quality education by the Higher Education Institutions (HEIs). Societal challenges of our country can only be addressed by having a strong and vibrant higher education ecosystem with an emphasis on research, innovation, and technology development. The integration of Research, Innovation and Technology Development is the foundation of Atma-Nirbhar Bharat (Self-reliant India). The establishment of Research and Development Cell (RDC) in HEIs will enable attainment of targets of Atma-Nirbhar Bharat and is expected to play a pivotal role in catalyzing multidisciplinary/ transdisciplinary and translational research culture mandated in NEP 2020.

Vision

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

Mission

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

Objectives

1. To create an organizational structure with role-based functions of RDC, formulate Research Policy for the HEIs, identify thrust areas of research, and form related cluster groups/ frontline teams/consortia of researchers.
2. To create 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



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public at large.

3. To establish a special purpose vehicle to promote researchers and innovators, identify potential collaborators from industry, research organizations, academic institutions & other stakeholders for cooperation and synergistic partnerships.
4. To act as a liaison between researchers & relevant research funding agencies, extend guidance in preparation & submission of project proposals and post-sanctioning of the grants to oversee adherence to timelines.
5. To have better coordination among other cells/centers dealing with University-Industry Inter Linkage, Incubation, Innovation and Entrepreneurship Development and Intellectual Property Rights (IPR).
6. To develop an Institutional Research Information System for sharing the status of ongoing/ completed research projects/Programmes, expertise & resources, etc., making effective use of Information & Communication Technology (ICT) for preparing the database of in-house experts to provide industrial consultancy and services.
7. To engage & utilize the services of superannuated active faculty/scientists in research capacity building of talented young minds and promote mobility of researchers across institutions and R&D Labs.
8. To serve as nodal center for ideation and conceptualization of research topics/themes by organizing workshops and training programs and ensuring the integrity and ethical practices in research activities including clearance of bioethical committee wherever required.

Functions

The UGC launched an initiative to establish a RDC in HEIs with the mandate for promoting quality research that contributes meaningfully towards the goal of a self-reliant India ("Atma-Nirbhar Bharat"), aligned with the provisions of NEP-2020.

The RDC would help creating a research ecosystem for reliable, impactful, and sustained research output. The essential elements of such an ecosystem, viz., generation of knowledge and facilitation of research, innovation and technology development for industrial & societal benefits, are addressed by human resource (researcher & faculty), intellectual capital (knowledge & skills), governance (regulation & policies) and financial resources (funding & grants).

Committee 1: Finance and infrastructure

The Finance and Infrastructure Committee provides an assurance to board of members of RDC on the development and delivery of key elements to facilitate research. It is responsible for overseeing the development and implementation of the financial, estates and digital infrastructure objectives of the



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RDC. Its aim is to ensure that the RDC is operating in line with strategic objectives of the University.

Committee 2: Research Program & Policy Development

This committee provides impetus to the research and development activities and to provide guidance, directions to the research community within the University. It has representation from all departments. The committee is a vibrant entity to discuss and propose R&D policy issues. The members highlight shortcomings in procedural matters and thus sharpen the performance of the RDC.

Committee 3: Collaboration & Community

The main responsibility of this committee is to establish collaboration with other universities, public and private sectors and identify R&D projects including consultancy services which could be undertaken at the institution. This committee will foster collaborations for mutual benefits and to maximize industrial connectivity

Committee 4: Product Development, Monitoring & Commercialization

The committee is a hub for strategic partnerships/ collaborations, industry-institute interface, sponsored or contract research, new knowledge generation, technology transfer, and commercialization of research to facilitate innovation, incubation, entrepreneurship and start-up ventures.

Committee 5: IPR, Legal & Ethical Matters

This committee will function with the prime focus of enabling researchers to identify, generate and protect their intellectual property (IP) through filing procedures for rights like patents, copyrights, trademarks, designs, etc. This committee envision creating an environment for acquiring new knowledge through innovation, developing an attitude of prudent IP management practices and promoting an IPR culture compatible with the educational mission of the academic institution. This committee also provide advice and guidance to the academic community on all matters pertaining to academic research ethics.



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Committee of Research and Development Cell 2022-23

Dr. P. V. Rasal (Research Advisory Council)

Dr. M. R. Gaware (Convenor)

1) Finance and Infrastructure

Dr. G. R. Patil

Mr. Y. L. Baraskar

2) Research Program and Policy Development

Mr. D. S. Sanap

Mr. S. S. Tawade

3) Product Development Monitoring and Commercialization

Dr. R. D. Agawane

Mrs. P. D. Garud

4) IPR, Legal and Ethical Matters

Mr. L. A. Kalaskar

Mr. D. G. Bahiram

Mr. S. B. Kardak

Coordinator

IQAC Coordinator

Principal