

**Vasantrao Naik Shikshan Prasark Mandal's**  
**Vasantrao Naik Mahavidyalaya, Aurangabad**  
**Research and Development Cell (RDC)**

## **Introduction**

**(As per Communication No. 1-5/2021 (NEP/DESK-PARL) dated 14<sup>th</sup> March 2022 of UGC)**

Research and innovation are the pillars of quality education. The National Education Policy 2020 states that quality education builds on quality research in the institutes of higher education. Only a dynamic education setup encompassing active teaching, extensive learning, research, innovation and technology development can answer the social challenges to realize the dream of a self-reliant India. The research potential of Universities and HEIs play a vital role in imparting quality education.

To channelize the research and innovation potential of Vasantrao Naik Mahavidyalaya Aurangabad incubated the idea of establishing of Research and Development Cell under the faculty of Science & Technology.

The Research and Development Cell of the Vasantrao Naik Mahavidyalaya Aurangabad facilitates and encourages the research culture among the teachers and the students. The establishment of the University R&D Cell is to develop and strengthen the research environment in the departments and to align it with the educational policies of India. The R& D Cell would provide a favorable environment for productive research, Industrial and Institutional collaborations and mobilize the resources and grants.

R&D Cell encourage & faculties to conceive ideas through enhanced industry-academia interactions and prepare research proposals for funding from various agencies & it organizes events like capacity-building programs and specific research theme-based workshops and Research Internships that will motivate the students, scholars, and faculties to participate actively in the process of ideation and innovative research in emerging areas.

R& D cell envisages towards building a sustainable research ecosystem, College needs to connect with RDCs of well Known HEIs for their research. College needs to establish collaborations, teams/consortia, partnerships, and combined ventures for joint research activities to enhance the exchange between students, scholars, and faculty.

RDC will undertake regular initiatives to ensure that researchers understand the importance of integrity and ethics and comply with ethical codes of research and publishing practices at Institutional, National, and Global levels. All papers will go through a standard plagiarism check and necessary software will be made available for all researchers.

RDCs will organize various events such as workshops, group discussions forums, seminars, conferences, refresher courses, training, internships etc. regularly for capacity building. It will also pave the way for HEI to attract more research grants under norm-based funding, improve its accreditation ranking and enhance its brand image.

## **Vision and Mission.**

### **Vision**

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

### **Mission**

1. To create a conducive environment for enhancement 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.
4. To conduct cutting-edge research and development activities that can help to create new knowledge, technologies, and products, which can be used to solve real-world problems and address the needs of society.

### **Objectives:**

1. To create awareness and opportunities in Research, Innovation and Development among the faculty and students.
2. To promote Interdisciplinary/Multidisciplinary research.
3. To identify the thrust area of research and form related cluster groups/frontline, teams/consortia of research.
4. To generate of innovative ideas and solutions to the academic and societal problems.
5. Modernizing the existing laboratories with additional experimental set ups/instruments and technology for utilizing the lab for research activity.
6. To act as 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 timeline.
7. To identify potential collaborators from industry, research organizations, academic institutions & other stakeholder for co-operation's and synergic partnerships and dissemination of research outcomes.
8. To establish better co-ordination among college industry inter linkage, Incubation, innovation and entrepreneurship development and Intellectual Property Right (IPR).
9. To create awareness about filing Patents & IPR.

## **Functions of R & D Cell**

The details of the functions of Research and Development Cell of the college are as follows:

1. To prepare annual research plan, implement and monitor the research activities of the university departments.
2. To develop networking and collaborative research of departments with national and or international institutes.
3. To formulate rules and regulations related to facilitate exchange of students, faculty and scholars.
4. To support in development of research proposals from the teachers for the external funding.
5. To promote quality publications and patents of the researchers of the departments through incentives and prizes.
6. To monitor and maintain the integrity and ethics of the research activities of the departments.
7. To build the research capacity of the faculty members and students of the departments through various activities and the events related to research.
8. To initiate and promote MoU with industries and R&D organizations for consultancy, collaborative research, sponsored projects, industry and Institute interactions etc.
9. To arrange brainstorming sessions through talks by eminent personalities from industry, R& D organizations and institutions of repute for the better understanding of research methodology and practices currently followed.
10. To enlighten the state-of-art technologies to scholars through special lectures on contemporary research topics by renowned experts in key areas.
11. To obtain information once in three months in the prescribed format on faculty involvement on guiding students, paper publications, research projects from external funding agencies and involving in collaborative research activity.
12. To organizing conferences, workshops, seminars, training program, Avishkar, Science day and other research oriented events.

## Composition of R&D Cell

### Research and Development Cell (RDC)

The core committee of RDC is as follows

1	Principal, Dr. Anand V. Chaudhary	Chairman
2	Prof. Dr. Jagdish V. Bharad	Director / Convener
3	Dr. A.C. Sannake	Member
4	Dr. S. R. Ankaram	Member
5	Dr. H. M. Wankar	Member
6	Dr. M. P. Kulthe	Member
7	Dr. Veena Kamble	Member

### The Sub-committees of RDC

Sr. No.	Name of sub-committee	Coordinator / Members
1	Finance & infrastructure	Dr. A. C. Sannake (Coordinator)
		IQAC Coordinator
		Registrar
		Office Superintendent
2	Research Program, Policy Development	Dr. S. R. Ankaram (Coordinator)
		Dr. J. V. Patil
		Dr. D.K. Darade
3	Collaboration & Consultancy	Dr. H. M. Wankar (Coordinator)
		Dr. Choudhari Vikas
		Dr. Jokare Balaji
4	Product development, Monitoring Commercialization	Dr. M. P. Kulthe (Coordinator)
		Dr. S. P. Giri
		Dr. J. J. Chamargore

5	IPR, Legal & Ethical matters	Dr. Veena Kamble (Coordinator)
		Dr. V. N. Harkal
		Dr. Savita Lothe
		Registrar