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Shri. Shivaji Shikshan Prasarak, Mandal's

SHIVAJI COLLEGE, HINGOLI

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Dr. B.G. Gaikwad Principal (M.Com. M. Phil. Ph.D)

Research and Development Cell Shivaji College, Hingoli

Introduction

The Research and Development (R&D) Cell at Shivaji College, Hingoli, is a dedicated unit established to cultivate a robust research culture within the institution. By providing a supportive environment and resources, the cell aims to inspire and empower faculty and students to engage in cutting-edge research endeavors. Through fostering innovation, collaboration, and knowledge dissemination, the R&D Cell strives to contribute significantly to academic advancement and societal progress.

Aims and Objectives

The primary objectives of the R&D Cell are to:

- Stimulate Research Culture: Create a vibrant research atmosphere by encouraging faculty and students to pursue research inquiries.
- Promote Interdisciplinary Research: Facilitate collaborative research projects that transcend traditional disciplinary boundaries, fostering innovative solutions.
- Secure Research Funding: Assist faculty and students in identifying potential funding sources and preparing competitive grant proposals.
- Enhance Research Capacity: Organize workshops, seminars, and conferences to upgrade research skills and knowledge.
- **Disseminate Research Findings:** Promote the publication of research outcomes in high-impact journals and conferences, ensuring wider dissemination of knowledge.

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Scope of Activities:

The R&D Cell encompasses a wide range of activities, including:

• Research Guidance: Providing mentorship and support to faculty and students

Industry-Academia Partnerships: Building strong collaborations with industry to address real-world challenges through research.

• Infrastructure Development: Creating a conducive research environment by providing necessary resources and facilities.

Ethical Research: Ensuring adherence to ethical principles and guidelines in all research undertakings.

• Intellectual Property Protection: Assisting in patent filing and intellectual property management.

• Knowledge Transfer: Facilitating the application of research findings for societal benefit through consultancy and technology transfer.

Formation:

Sr. No.	Designation	Role in R&D Cell	Names
1	Principal	Chairperson	Dr. B. G. Gaikwad
2	Senior Faculty Member (PhD)	Coordinator	Dr. Kshirsagar B. S.
3	Faculty Member from Humanities Department	Member	Dr. Wagh S. G.
4	Faculty Member from Commerce Department	Member	Dr. Sachin Agrawal
5	Industry Expert/External Research Advisor	External Member	Dr. Nitonde R. S.
6	Librarian	Member (Resource and Publications)	Dr. Pawar G. R.
7	Administrative Officer	Member (Administration and Documentation)	Shri. Jadhav U. H.
8	Student Representative (Postgraduate/Research Scholar)	Member (Student Research Engagement)	Shri. Ghodekar G. N.

Functions and Responsibilities

The R&D Cell performs the following key functions:

• Research Promotion: Identifying potential research areas, encouraging research proposals, and providing seed funding for promising projects.

• Grant Acquisition: Assisting faculty in preparing compelling grant applications and managing awarded grants.

• Collaborative Research: Initiating and coordinating research collaborations with external institutions and industries.

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- Capacity Building: Organizing training programs, workshops, and seminars to enhance research skills and methodologies.
- Ethical Oversight: Ensuring compliance with ethical standards and regulations in all research activities.
- Research Dissemination: Promoting the publication of research findings in peerreviewed journals and conferences.

Expected Outcomes

The R&D Cell aims to achieve the following outcomes:

- Increased Research Output: A substantial increase in the number of research publications, patents, and conference presentations.
- Enhanced Research Funding: Successful acquisition of research grants from various funding agencies.
- Strong Industry Collaborations: Establishment of mutually beneficial partnerships with industry for research and development.
- Societal Impact: Development of innovative solutions to address societal challenges through research.
- Recognition and Reputation: Enhancement of the college's reputation as a researchintensive institution.

Conclusion

The Research and Development Cell at Shivaji College, Hingoli, is committed to fostering a culture of research excellence. By providing comprehensive support and resources, the cell empowers faculty and students to contribute meaningfully to the advancement of knowledge and the betterment of society. Through its initiatives, the R&D Cell aims to position the college as a leading center for research and innovation in the region.

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