

Dr. Uttam Rathod

Vice-Principal and
Director R&D

02451) 222004, 223080 (R.) 222427

Email- uttamr02@gmail.com

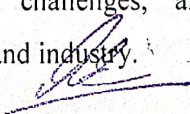
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**“Research and Development Center of Nutan Mahavidyalaya,
Selu”**

Introduction: A Research and Development (R&D) Center in the college plays a crucial role in fostering innovation, advancing knowledge, and driving the intellectual and technological progress of an institution. Such centers are dedicated to conducting interdisciplinary research, promoting collaboration, and enhancing the quality of education through cutting-edge discoveries and advancements.

Objectives of Research and Development Center:

- To create an environment that facilitates and nurtures research activities among faculty members, students, and external partners.
- To provide state-of-the-art infrastructure, resources, and expert guidance, these centers aim to foster a culture of inquiry, critical thinking, and problem-solving.
- To initiate and support research projects across various disciplines. These projects may include fundamental research to expand the boundaries of knowledge, applied research to address real-world challenges, and translational research to bridge the gap between academia and industry.


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Through these endeavors, the center contributes to the advancement of scientific knowledge, technological innovation, and socio-economic development.

Function of R&D Cell:

Research Excellence: R&D Cell strives to promote a culture of research excellence by providing resources, infrastructure, and support to faculty and students. They facilitate the conduct of high-quality research projects, encourage interdisciplinary collaborations, and promote publications and presentations in reputed academic journals and conferences.

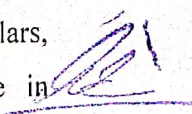
Innovation and Technology Transfer: This center actively encourages innovation and technological advancements by supporting research projects that have potential commercial applications. They facilitate technology transfer and intellectual property protection, enabling researchers to transform their ideas and inventions into tangible products or services that can benefit society and the economy.

Collaboration and Networking: R&D Cell acts as catalysts for collaboration, both within the institution and with external partners. They foster interdisciplinary research initiatives, facilitate joint projects with other academic institutions, industry partners, and government agencies, and create platforms for knowledge sharing and networking among researchers, students, and professionals.

Funding and Grant Management: R&D cell plays a crucial role in identifying and securing funding opportunities for research projects. They assist faculty members and students in developing competitive research proposals, managing grants and budgets, and complying with regulatory requirements related to research funding.

Training and Capacity Building: These centers often organize workshops, seminars, and training for both students and staff.

Moreover, a Research and Development Center serves as a hub for collaboration and networking. It provides a platform for researchers, scholars, and industry professionals to connect, exchange ideas, and engage in interdisciplinary collaborations. By fostering these partnerships, the center


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enhances the impact and relevance of research outcomes and promotes knowledge dissemination.

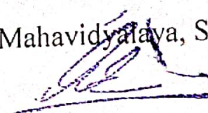
Furthermore, R&D centers in the college supports the professional development of faculty members and students. It offers training programs, workshops, and seminars to enhance research skills, methodologies, and ethical practices. These initiatives contribute to the overall growth and capacity-building of the academic community.

Research Center of History: There is research center of History in the college where total 16 students are admitted. The R&D center organized Course work for these students during the academic year 2022-23.

There are 7 research guides working in the college. The theses of their students are checked for the plagiarism under R&D Research Center. The students are motivated for research work under the guidance of R&D Cell. Faculties are motivated for patent and the result is Dr. N.S. Padmavat, Dr. K.S. Niralwad and Dr. Amit Kulkarni approved and received their patent certificate. Dr. N.S. Padmavat approve Australian patent while Dr. Amit Kulkarni approved Indian Governments patent.

Conclusion: In summary, a Research and Development Center in the college is a dynamic and vital entity that promotes innovation, research excellence, and collaboration. It serves as a catalyst for knowledge creation, technological advancements, and socio-economic development. By fostering a research-intensive environment and providing resources and support, these centers contribute to the overall academic and intellectual growth of an institution and its community.

Dr. Uttam Rathod
Director R&D Cell, Research Center of History Dept.
Vice Principal, Nutan Mahavidyalaya, Selu.


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SELU, Dist. Parbhani