



Nutan Maharashtra Vidya Prasarak Mandal's  
**NUTAN MAHARASHTRA INSTITUTE OF  
ENGINEERING & TECHNOLOGY**



ESTD : 1906

Approved by AICTE

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Affiliated to SPPU

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**PERFORMANCE OF THE INSTITUTION IN  
ONE AREA DISTINCTIVE TO ITS PRIORITY AND THRUST**

**TITLE:**

**INTELLECTUAL EXCELLENCE THROUGH RESEARCH AND INNOVATION**

Creating the research eco-system in the institution will greatly improve the knowledge. The research environment in the institute has improved in the last five years through the creation of additional resources, proper utilization of the research facilities, increasing activities in emerging areas, and the overall research focus of the faculties and students.

The engineering program grooms the students and teachers to be competent in their professional sphere. The academic world goes through unprecedented changes due to advancements in the field of science and technology. As a professional one need to be updated with the changes and adapt to the ever-changing world. The students and teachers should be practitioner researchers to fit themselves into the dynamic world of academia. Hence Intellectual Excellence through Research and Innovation is an attempt to inculcate the research culture among all the stakeholders of NMIET (Students and Faculties).

The feedback and deliberations from the stakeholders sow the seeds of the Research & Development Cell (R&D Cell). The cell initiated various activities and programs to inculcate the skills and competencies required for teaching professionals and students to upgrade their research skills. The cell organized expert talks, guidance, and assistance for research publication, research funding, guidance for applying for copyrights and patents, etc.



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Research emphasis: Research has greater or equal priority than other goals. Research is part and parcel of an institute and a faculty.

Research Culture: faculty members and students are bonded by shared, research-related values and practices, and have a safe home for testing new ideas

To create a Positive group climate: The climate is characterized by high morale, a spirit of innovation, dedication to work, receptivity to new ideas, frequent interaction, high degree of cooperation, low member turnover, good leader/member relationships, and open discussion of disagreements.

Mentoring: Beginning and midlevel members are assisted by and collaborate with senior faculty.


Communication with professionals: faculty members have a vibrant network of colleagues with whom they have frequent and substantive (not merely social) research communication in and outside of the institution.

Rewards: Research is rewarded equitably and by defined benchmarks of achievement by potential rewards including money, promotion, recognition, and new responsibilities.

Institute supports:

- Faculty Training and Support Programs
- Mentoring programs
- Continuing education courses
- Grant-writing support and Research funding
- Encouragement of Faculty Collaboration
- Sponsoring faculty participation in conferences/FDPs
- Hosting conferences and symposia
- Establishing institutional relationships with professional associations and government bodies.
- Balanced Teaching and Research Responsibilities
- Developing a culture of research within a teaching-focused unit will likely entail reducing teacher course loads to give faculty more time for scholarly productivity.



  
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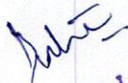
## OBJECTIVE:

- To inculcate research culture both institutional and individuals are set a clear research goal
- To devote substantial resources to the promotion of research through faculty training and support.
- To create an innovative ecosystem for the fellow's available research that includes student participation.
- Drive to explore, understand, and follow one's ideas, and to advance and contribute to society through innovation, discovery, and creative works.
- To improve the focus of the faculties and students on research activities progressively on par with teaching-learning processes.
- To improve the publications and execution of sponsored projects is in an optimum way
- To create awareness about the importance of research among students and teachers
- To provide opportunities to conduct research and networking
- To hone research skills and competencies among students and teachers.
- To provide avenues for professional development and networking
- To conduct research sessions, workshops, FDPs, and orient in filling research projects.
- To apply for Patents and Copyrights of own research work.

## OUTCOME:

- Patents: 23 patents have been filed
- Copyrights: 91 copyrights have been filed
- Publications: 97 papers have been published



  
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