



NIRMA
UNIVERSITY

INSTITUTE OF TECHNOLOGY

MECHANICAL ENGINEERING DEPARTMENT

M TECH ADMISSION 2023

ABOUT THE DEPARTMENT

The department emphasizes on the holistic development of its students and offers a conducive teaching and learning environment. The Department continuously endeavors to bridge the gaps between theoretical and practical knowledge through up-to-date curriculum and interdisciplinary learning environment. The overall development of students is ensured through various curricular and co-curricular activities. Department of Mechanical Engineering is ranked high on the priority list of engineering aspirants.

ABOUT THE M TECH PROGRAMMES

M Tech in Mechanical Engineering (CAD/CAM)

The programme aims at developing the necessary analytical and technical competence among the engineers and is tailored to prepare post graduates ready to take up developmental and research activities related to CAD/CAM.

M Tech in Mechanical Engineering (Design Engineering)

M. Tech. in (Design Engineering) programme is designed to enable an engineering graduate to develop specific capabilities in design, synthesis and analysis of a wide variety of mechanical engineering systems.

MAJOR COURSES

- Analysis of Manufacturing Processes
- Computer Aided Design
- Advanced Machine Design
- Advanced Theory of Machine
- Industrial Automation
- Computer Aided Manufacturing

- Advanced Mechanics of Solids
- Kinematics and Dynamics of Machines
- Robotics and Automation
- Advanced Mechanical Design
- Applied Computational Methods
- Finite Element and Mesh Free Methods

A verity of electives are also offered to suit the Industry need

WHY CHOOSE US?

- Centre of Excellence in Robotics and Automation
- Good Exposure to research and consultancy work carried out by faculty members
- Programme offers attractive stipend to every students
- Excellent Placement opportunity
- Active MoU with research organizations, Foreign University and Industries
- Centre for Advanced Instrumentation
- National Laboratory for Testing of Thermal Insulation

INTERNSHIP & PLACEMENT

One year internship with attractive stipend in prominent companies like:



WHO CAN JOIN?

- **M TECH (CAD/CAM):** Degree in Mechanical Engineering / Production Engineering / Industrial Engineering / Mechatronics or equivalent.
- **M TECH (DESIGN ENGG):** Degree in Mechanical Engineering / Automobile Engineering or equivalent

CONTACT US ON

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Scan the code for more details

<https://technology.nirmauni.ac.in/admission-aid/post-graduate/mtech/>



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