

DEPARTMENT OF MECHANICAL ENGINEERING

यांत्रिकी अभियांत्रिकी विभाग



THE DEPARTMENT OF MECHANICAL ENGG. is one of the oldest departments established in 1957 at MITS Gwalior. The department is dedicated to the teaching and research activities in the areas of **Production, Design and Thermal** also in **Automobile, Vibration, Energy and Renewable energy and Advanced Machining process.** The department educates the students to take up challenging jobs in a **wide range of industries** and engage themselves in **research and development activities** for the good of society. Department has state of the art laboratories to provide hands-on experiences and **support research activities** to make them industrial ready. Under the NEP scheme the department offering minor specialization in interdisciplinary immersing areas of Engg. for wider job opportunities

Vision:

"To develop innovative and creative Mechanical Engineers catering the global industrial requirements and social needs".

(NEP) National Education Policy

Major Specialization

- Mechanical Engg.
- Automobile Engg.

Minor Specialization

- CSE
- IOT
- Artificial Intelligence
- Machine learning
- etc

THE MECHANICAL ENGG. Is the branch of engineering that involves the **Design, Production, and Operation of Machinery.** It is the broadest of all engineering disciplines, and **interdisciplinary work** is key to our department's success. The mechanical engineering field requires an understanding of **core areas** including **Mechanics, Dynamics, Thermodynamics, Materials Science, and Structural Analysis.**

Core Domain

- Material Science
- Industrial & production engineering
- Thermal Engg.
- Design

Multidiscipline Domain

- Automation and Data Science
- Automobile & Electrical Vehicles
- Mechatronics
- Robotics and Control

Mechanical Egg.

Career Opportunities

- Engineering Services
- Govt. Agencies
- Higher Education
- Core Industries
- Software/IT Industries
- Energy Utilities
- Marine Industry
- Armed Forces
- Aerospace Industries
- Automobile Industry

RECRUITERS



Department Training & Placement

Placement Statistics: 2022 Batch

Branch	Total No. of Companies	Total No. of Offers made	Highest Salary Offered	Avg. Salary Offered
Mechanical Engg.	23	93	10.7 LPA	5.45 LPA

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 @<https://www.mitsgwalior.in>