



ASTER
ACADEMY



+91 9048 395 411



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www.asteracademy.in

GRADUATE PROGRAM IN MECHANICAL ENGINEERING



ELIGIBILITY:
DIPLOMA OR ABOVE



WORK EXPERIENCE:
3 YEARS



DURATION:
REGULAR (3 YEARS)
FAST TRACK AVAILABLE

The right & deemed fit students will be provided with 100% placement assistance

COURSE DESCRIPTION



The Graduate Program in Mechanical Engineering is a three-year program that teaches students how to apply the principles of physics and engineering science to design, manufacture and maintain mechanical systems. Students study core areas such as mechanics and machines, machine design, heat transfer, fluid mechanics, thermodynamics, IC engines and refrigeration, and automobile engineering, along with modern topics like robotics, computer applications and the simulation of mechanical systems.

The program combines strong technical knowledge with essential management and communication skills, preparing graduates for the manufacturing, automobile, power, design and production industries. Graduates can build careers in design, production, maintenance, quality control and plant operations in both private and government sectors in India and abroad, or continue to higher studies and specialised fields.



COURSE INFORMATION

Mechanical engineering is one of the traditional fields of engineering and has played a vital role in the industrialisation of the human race. The automobile and manufacturing industries offer a plethora of opportunities for mechanical engineering graduates, more so because, with the rapid industrial revolution, the demand for machines and the automation of human labour has increased exponentially. Further, many international manufacturing companies have ventured into India with the objective of expanding their business. Mechanical engineering graduates can either go for higher studies or take up rewarding jobs in the industry.

- With the rise in automation, mechanical engineering has become one of the most desired branches of engineering.
- There is a lot of scope for mechanical engineers in India with the rapid industrialisation of the country.
- Mechanical engineers are trained to develop machine designs and understand their working and development process.
- Qualified mechanical engineers are offered high-paying jobs as there is a constant demand for such professionals in the industry.

Our Subjects

YEAR 1

- Essentials of Management
- Mechanics & Machines
- Design of Machine Elements
- Heat Transfer
- Fluid Mechanics
- Communication Skill

YEAR 3

- Thermodynamics
- Fundamentals of Computer Applications
- Automotive Pollution and Control
- Non-Destructive Evaluation and Testing
- Simulation of Mechanical Systems
- Tribology

YEAR 2

- Integrated Design & Manufacturing
- IC Engines and Refrigeration
- Automobile Engineering
- Theory of Combustion and Emission
- Robotics
- Organizational Behaviour

ABOUT US

Aster Academy is an international business school dedicated to delivering excellence in management & technical education. With a strong online learning ecosystem, we offer short-term, diploma, advanced diploma, graduate & post graduate programs designed for students, entrepreneurs, and working professionals. Our courses are designed by industry experts, aligned with international standards, and focused on practical skills that ensure employability and business growth.

Exam & Duration:

Online Exam: 2 hours/paper

Total Fees For Indian Residents : Rs. 47790*

**Terms and conditions apply*



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