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ACADEMY

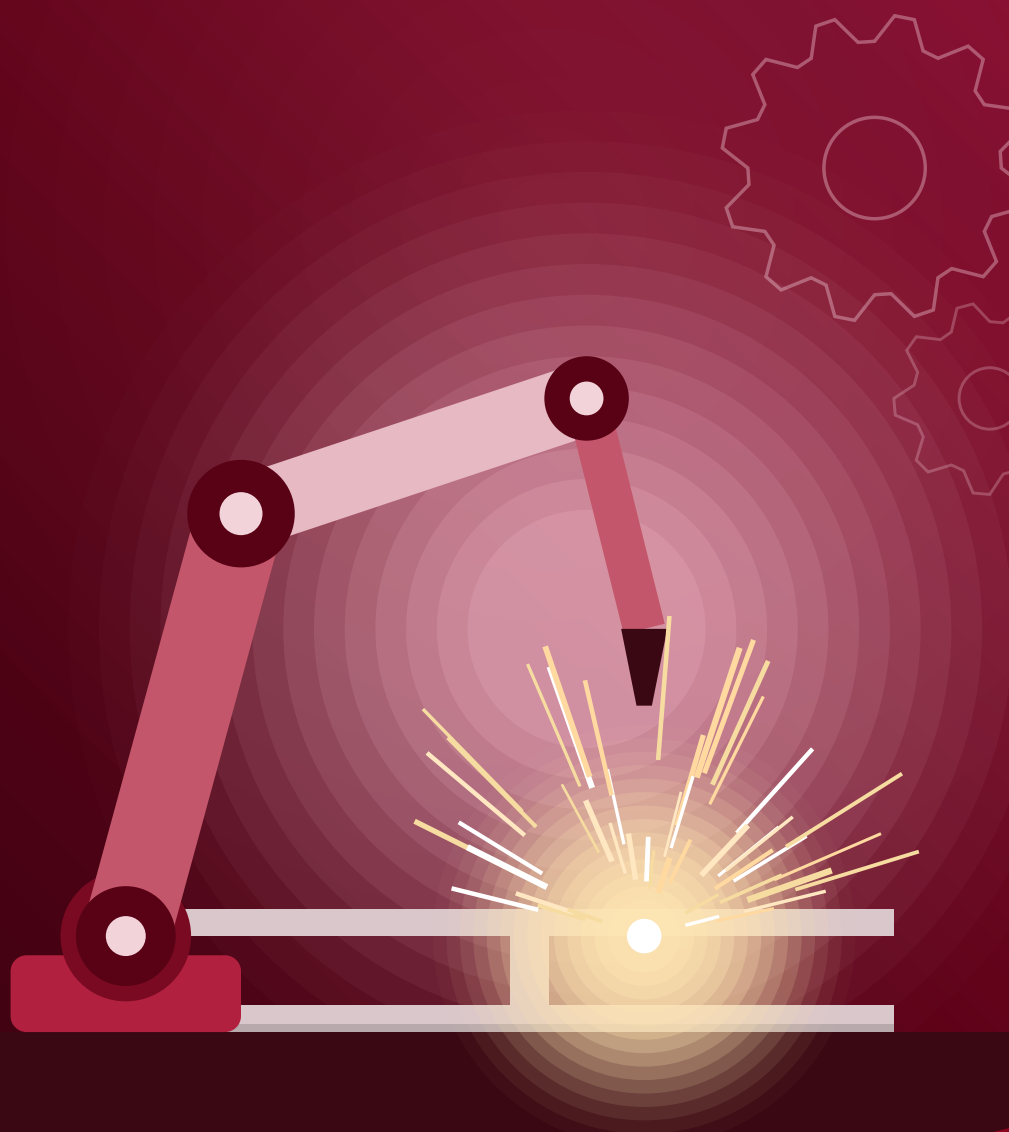
• +91 9048 395 411

• info@asteracademy.in

• www.asteracademy.in

BACHELOR PROGRAM IN

MECHANICAL ENGINEERING



ELIGIBILITY:

3 YEARS DIPLOMA
OR ABOVE



DURATION:

REGULAR – 4 YEARS
FAST TRACK AVAILABLE



WORK EXPERIENCE:

4 YEARS MINIMUM

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

COURSE DESCRIPTION

The Bachelor Program in Mechanical Engineering is a four-year program that covers the fundamental concepts of engineering with a specialisation in mechanical systems. Mechanical engineering applies the principles of physics and engineering science to the design, manufacture and maintenance of machines and mechanical equipment, and it is one of the oldest, broadest and most popular branches of engineering.

Designed for diploma holders with industry experience, the program builds advanced knowledge in mechanics and machines, machine design, thermal and fluid engineering, IC engines, automobile engineering, robotics and the simulation of mechanical systems, and ends with a project that applies these skills to a real problem. It prepares graduates to work as professionals in industries and production companies and to apply modern techniques and technologies in the workplace.

Career Highlights

- Graduates can work as Mechanical Engineer, Automotive Engineer, Design Engineer, Instrumentation Engineer, Maintenance Engineer and Production Engineer.
- Mechanical engineers help solve some of the world's biggest challenges, including climate change, clean energy, clean water, food production and sustainable transport.

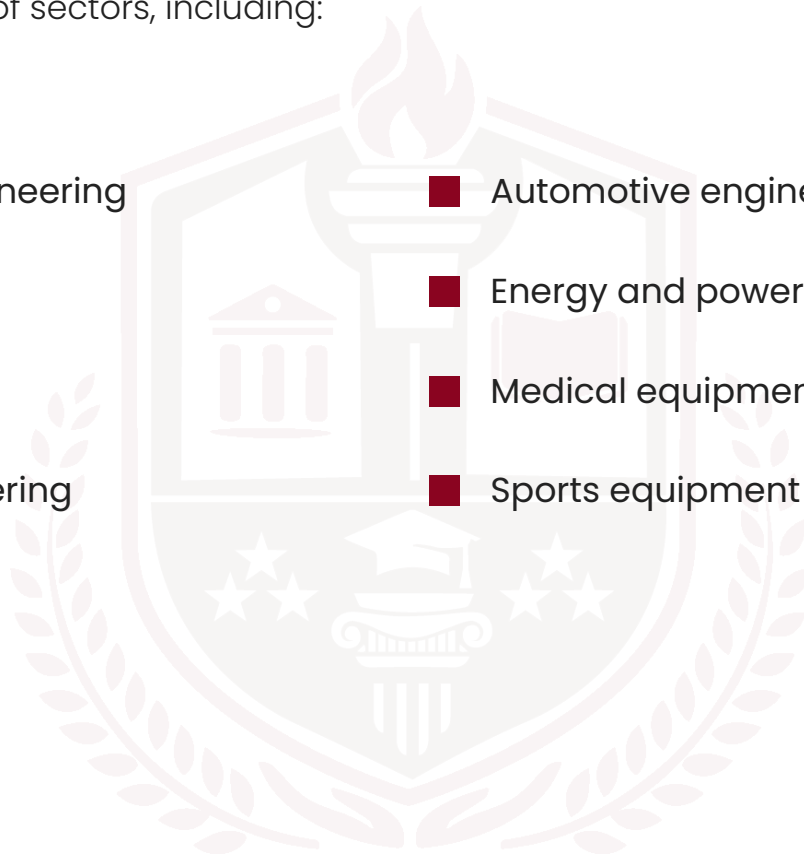
WORK EXPERIENCE

Employers value relevant work experience, especially experience connected to the career you want to pursue. Industry experience helps you build practical skills, technical confidence and commercial awareness, and it also gives you a valuable opportunity for professional networking, which can often lead to new jobs and promotions.

Typical Employers

Mechanical engineering deals with the design, development, installation, operation and maintenance of anything that has moving parts. Because of this, you will find opportunities across a wide range of sectors, including:

- Aerospace engineering
- Automotive engineering
- Construction
- Energy and power
- Manufacturing
- Medical equipment
- Railway engineering
- Sports equipment



Our Subjects

YEAR 1

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

YEAR 2

- Fluid Mechanics
- Integrated Design & Manufacturing
- IC Engines and Refrigeration
- Automobile Engineering
- Organizational Behaviour

YEAR 3

- Thermodynamics
- Fundamentals of Computer Applications
- Non-Destructive Evaluation and Testing
- Simulation of Mechanical Systems
- Thermal Engineering

YEAR 4

- Tribology
- Theory of Combustion and Emission
- Robotics
- Ultrasound Technology
- Project

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. 66080*

**Terms and conditions apply*



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