



Creating a World  
of Leaders



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# BACHELOR PROGRAM IN MECHANICAL ENGINEERING

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



**DURATION:**  
**REGULAR (4 YEARS)**  
**FAST TRACK (1 YEAR)**



**ELIGIBILITY:**  
**3 YEARS DIPLOMA**  
**OR ABOVE**



**WORK EXPERIENCE:**  
**4 YEARS MINIMUM**



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## COURSE DESCRIPTION

Bachelors in Mechanical Engineering is a course that can be opted by students . It is also referred to as Polytechnic in Mechanical Engineering course. The course deals with the fundamental concepts of engineering under mechanical specialization. Bachelors in Mechanical Engineering is a discipline that deals with the application of the concepts of physics and science for designing, manufacturing and maintenance of mechanical equipment. The purpose of offering Bachelors in Mechanical Engineering course is to provide education and training to students who can work as professionals in industries and production companies in future. The course prepares students with the application of techniques and technologies in the workplace. It is offered by many institutes in India and is managed by the Technical Education Department of the state.

- Bachelor of Engineering is one of the finest and most popular courses in the field of Engineering.
- The job profiles offered are Mechanical Engineer, Automotive Engineer, Civil Engineer, Instrumentation Engineer, Nuclear Engineer, Maintenance Engineer, Production Engineer, etc.
- Mechanical engineers could help solve some of the biggest global challenges facing humanity, like climate change, cybersecurity, aging populations, food, clean water, and energy.

## WORK EXPERIENCE

Employers value pre-entry work experience and especially that relating to the career you'd like to pursue. Some degree courses offer a year in industry, which is valuable as this will help you develop your skills and commercial awareness.

### Typical employers

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

- Aerospace engineering
- Automotive engineering
- Construction
- Energy
- Manufacturing
- Medicine
- Railway engineering
- Sport.

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Work experience can also provide a good opportunity for networking, which can sometimes lead to a job.

## Our Subjects

### YEAR 1

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

### YEAR 2

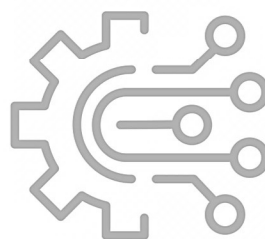
- Fluid Mechanics
- Integrated Design & Manufacturing
- IC Engines and Refrigeration
- Automobile Engineering

### YEAR 3

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

### YEAR 4

- Tribology
- Theory of Combustion and Emission
- Robotics
- PROJECT



## ABOUT US

N.I.M.S is a division of Norwich Group based in South India for more than a decade. Norwich Institute of Management Studies helps in training, online courses and online exams. All the Certificates are affiliated from International Council of Distant Education (ICDE). All the online courses and exams will be well monitored by the institution and, the provided certificates are ISO certified and can also be used for International Travel and study based programs.

### Exam & Duration:

**Online Exam: 2 hours/paper**

**Total Fees For Indian Residents : Rs. 66080**

**Total Fees For Foreign Residents : US \$ 1120**

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