

Mechanical Engineering

The **Department of Mechanical Engineering** is one of the departments that was established with the initiation of the college. The Department has nine well-equipped laboratories with facilities ranging from AVL engines to Coordinate Measurement Machines. The department takes up consultancy work from several industries and the students are inculcated with training that helps in the planning and designing of various mechanical equipment. They've received training in the installation, operation, and maintenance of machines like centralized heat and gas systems.

The Society of Mechanical Engineering is a vibrant club that offers mechanical engineers much-needed exposure through a dedicated department library and encourages them to address real-world engineering challenges.

HR Requirements

The industrial requirements given by the top recruiters in the field of Mechanical Engineering for the pre-final year students are:

1. The engineers should have particular hard skills, including a solid understanding of industry standards and excellent computer skills, because much time is spent designing, simulating, and testing.
2. In addition, they should have soft skills, such as strong analytical skills and a creative approach to problem-solving.
3. A thorough understanding of technical concepts and core topics like the strength of materials, fluid dynamics, and manufacturing.
4. Ability to develop, coordinate, or monitor all aspects of production, including the selection of manufacturing methods, fabrication, or operation of product designs.
5. Solid command of technologies, tools and best practices in designing mechanical equipment using AutoCAD, SolidWorks and engineering drawings.
6. Team building skills like conflict resolution, negotiation, and delegation.
7. Internships and mini-projects in the field, involving a high level of hands-on experience.
8. Knowledge about the current industrial scenario.
9. Understanding federal safety standards and laws.
10. Excellent oral and written communication skills.