

Mechanical

The Department of Mechanical Engineering is one among 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're trained for the installation, operation and the maintenance of machineries such as centralized heat and gas systems. The Society of Mechanical Engineering is an active club that provides much needed exposure to the Mechanical Engineers by providing a dedicated department library and aspires them to solve real life engineering problems.

Automobile

The Department of Automobile Engineering was started in the year 1999. The department has well equipped state-of-the-art laboratories that cater to the research in the fields of manufacturing, designing and in the operations involving automobiles.

The laboratory facilities include diverse automotive engines that enables the engineers to analyze and work on the cutting edge technology in the respective field. It aims to be a leader in higher technical education and research in the field of automobiles. The Association of Automobile Engineers (AAE) and Society of Automotive Engineers (SAE) are helping in giving exposure to the students to various co-curricular activities like industrial visits, guest lectures etc.

HR Requirements for Automobile and Mechanical Engineering:

- 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.
- In addition, they should have soft skills, such as strong analytical skills and a creative approach to problem solving.
- A thorough understanding of technical concepts and core topics like strength of materials, fluid dynamics and manufacturing.
- Ability to develop, coordinate, or monitor all aspects of production, including selection of manufacturing methods, fabrication, or operation of product designs.
- Solid command of technologies, tools and best practices in designing mechanical equipment using AutoCAD, SolidWorks and engineering drawings.
- Teambuilding skills like conflict resolution, negotiation and delegation.
- Internships and mini-projects in the field, involving high level of hands-on experience.
- Knowledge about the current industrial scenario.
- Understanding federal safety standards and laws.
- Excellent oral and written communication skills.