

Automobile Engineering

In the year 1999, the **Department of Automobile Engineering** was established. The department has well-equipped state-of-the-art laboratories that cater to the research in the fields of manufacturing, designing, and operations involving automobiles. The laboratory facilities include diverse automotive engines that enable engineers to analyze and work on cutting-edge technology in their respective fields. It aims to be a leader in higher technical education and research in the field of automobiles.

The Association of Automobile Engineers (AAE) and the Society of Automotive Engineers (SAE) are assisting in providing students with opportunities to participate in extracurricular activities such as industrial visits and guest lectures.

HR Requirements

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.