



DEPARTMENT OF MECHANICAL ENGINEERING

PROGRAM OUTCOMES (POs)

1. **Basic and Discipline specific knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the Mechanical Engineering problems.
2. **Problem analysis:** Identify and analyse well-defined Mechanical Engineering problems using codified standard methods.
3. **Design/ development of solutions:** Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs in Mechanical Engineering.
4. **Engineering Tools, Experimentation and Testing:** Apply modern Mechanical Engineering tools and appropriate technique to conduct standard tests and measurements.
5. **Engineering practices for society, sustainability and environment:** Apply appropriate technology in context of society, sustainability, environment and ethical practices.
6. **Project Management:** Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities in diverse and multidisciplinary fields.
7. **Life-long learning:** Ability to analyse individual needs and engage in updating in the context of technological changes in Mechanical Engineering.