

PROGRAM EDUCATIONAL OBJECTIVES

- **PEO1:** Build a thriving career in mechanical engineering and allied disciplines.
- **PEO2:** Design and produce products by the optimum methods for the benefit of the society while working in a team with ethical values.
- **PEO3:** Engage in continuous learning to adapt to the socio-economic-technological developments and pursue higher studies.

PROGRAM OUTCOMES

- PO1. Utilize the knowledge of basic sciences and engineering principles for solving complex problems in mechanical engineering and allied disciplines.
- PO2. Analyze complex engineering problems using the systematic approach of problem identification, formulation, literature survey, analysis, and presenting conclusions.
- PO3. Design mechanical engineering components, systems or processes meeting specifications.
- PO4. Provide innovative solutions for complex engineering problems using appropriate research methodologies like experimentation, interpretation of data, and synthesis of new information.
- PO5. Employ the modern engineering tools and techniques for expeditious and effective execution of tasks related to design and fabrication.
- PO6. Apply the knowledge of societal, health, safety and legal issues in professional engineering practice.
- PO7. Recognize the environmental impact of engineering activities and strive towards sustainable development of the humanity.
- PO8. Adhere to the ethical principles, responsibilities and standard norms of engineering practice.
- PO9. Work in multi-disciplinary and collaborative environment.
- PO10. Communicate effectively with the engineering community and the society.
- PO11. Use the principles related to management and finance while working on a project as a member or a leader of a team.
- PO12. Involve in lifelong learning in order to continuously improve knowledge and keep abreast with new developments in the profession.