DEPARTMENT’S VISION

To excel in the field of Mechanical Engineering with the highest standard and develop technological leaders for Industry, Research and service to the society.

DEPARTMENT’S MISSION

- To create an environment that inspires students, faculty and staff to develop competency in Mechanical Engineering for finding the solution for local as well as global issues.
- To serve the community and profession by providing outstanding leadership and contributing in knowledge, development, innovation and entrepreneurship.

PROGRAMME EDUCATIONAL OBJECTIVES ( B.Tech Mechanical )

- To acquire the knowledge in Applied Sciences and Core Engineering subjects as a foundation for understanding of Mechanical Engineering problems.
- To develop analytical skills for finding parameters governing Mechanical Systems, Processes, Materials, etc.
- To develop experimental and computational skills necessary to formulate and solve industrial problems related to Mechanical Engineering.
- To innovate and design the industrial applications through the technological competency and leadership skills gained.
- To recognize the need for higher studies and lifelong learning so as to adapt the ever changing technologies, environment and needs of the industry and society.
PROGRAMME OUTCOMES ( B.Tech Mechanical )

- Ability to apply knowledge of Applied Mathematics, sciences, and Mechanical Engineering.
- Ability to conduct experiments, as well as to analyze and interpret data & results.
- Ability to design a system/process to meet desired needs within Engineering and environmental constraints.
- Ability to communicate effectively & function in multidisciplinary teams.
- Graduate has to understand the impact of Engineering solutions in a global, economic, environmental, social, & Safety context.
- Ability to use and update the techniques, skills, and modern engineering tools necessary for industry applications.
- Understanding of professional and ethical responsibility.