

Vision and Mission of the Institute

Vision		To be a leading technological institute than imparts transformative education to create globally competent technologists, entrepreneurs, researchers and leaders for a sustainable society
Mission	1	To create an ambience of teaching-learning through transformative education for future leaders with professional skills, ethics, and conduct
	2	To identify and develop sustainable research solution for the local and global needs
	3	To build a bridge between the academia, industry and society to promote entrepreneurial spirit and skills

MECHANICAL ENGINEERING DEPARTMENT

VISION

To be a centre of excellence in the field of Mechanical Engineering, where teaching, learning and research synergize to generate quality human resource who can contribute constructively to the technological and socio-economic development of the nation.

MISSION

1. To help equip our students with understanding of fundamentals, spirit of continuous learning, holistic and pragmatic problem-solving skills for the betterment of the society.
2. To inculcate in our students professional and ethical values, team-work culture and entrepreneurship skills.
3. To promote in our students an acumen for quality research, knowledge-sharing and collaboration with industry and institutions for progressive and sustainable development of the society.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1: Graduates shall be equipped with fundamental knowledge of basic, applied and engineering science and technology with problem-solving skills for the wholesome development of the society

PEO2: Graduates will attain professional and ethical attitude, team-work spirit with effective communication and leadership skills to contribute to the needs of academia, industry, government and the society.

PEO3: Graduates will be conversant with necessary entrepreneurial and innovation skills to meet the ever-changing needs of the industry and society.

PEO4: Graduates will be equipped with self-learning and self-discerning abilities for professional career path, higher studies or entrepreneurial endeavors to meet challenges.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1

Mechanical Engineering graduate will be able to understand, apply and provide cost-effective and sustainable solutions to complex engineering problems from domains of design, fluid and thermal, materials and manufacturing, automation and management science.

PSO2

Mechanical Engineering graduate shall be able to exhibit ethical and professional skills through individual or team-work and effective communication in providing solutions by using conventional or innovative, modern analytical and computational tools.

PSO3:

Mechanical Engineering graduate will be able to self-discern professional career path including higher studies, innovation and entrepreneurship

Suggestion:-Hands-on, Applications-oriented teaching. Project-based learning, DIY