Program Educational Objectives (PEOs)-

PEO-1-To provide a solid foundation in Basic Sciences, analytical skills and engineering fundamentals required to succeed in engineering field and to pursue research endeavors.

PEO-2-To nurture students with good scientific and practical engineering application skills to comprehend, analyze, design and create novel engineering products and provide sustainable solution for complex interdisciplinary problems using modern tools.

PEO-3-To train students to successfully function in multi-disciplinary teams, able to communicate well with others to share the ideas, thus establishing the leadership to manage the organization effectively.

PEO-4-To prepare students to respond to societal needs through an understanding of the Rural ethos, Indian Culture and plurality of ethnic and religious communities in the country at large.

PEO-5-To encourage students to develop lifelong learning skills, entrepreneurship abilities and ethical values for a successful professional career.

Program Specific Outcomes (PSOs) –

PSO-1-To empower the students to apply practical skills, knowledge in major streams such as thermal, design, manufacturing and industrial engineering.

PSO-2-To enable the student to take-up career in industries or to pursue higher studies in mechanical and interdisciplinary programs.

PSO-3-To motivate the students to become a successful entrepreneur with high regards for ethical values, environmental and social issues

Program Outcomes (POs) –

PO1- Ability to apply knowledge of mathematics, science and engineering to solve complex problems in engineering.

PO2- Ability to identify, formulate and solve complex engineering problems using first principle of mathematics, basic science and engineering.

PO3- Ability to design, implement and evaluate engineering projects to meet societal and environmental needs.

PO4- Ability to design a system and conduct complex engineering experiments as well as to analyse and interpret the experimental data.

PO5- Ability to use modern engineering tools, software and equipment to analyze problems and predict the outcomes.

PO6-An understanding of professional and ethical responsibility.

PO7- Ability to recognize the sustainability and environmental impact of the engineering solutions.

PO8- Ability to follow prescribed norms, responsibilities and ethics in engineering practices.

PO9- Ability to work effectively as an individual and in a team,

PO10- Ability to communicate effectively in both oral and written form effectively with engineering community and the society at large.

PO11- Ability to understand and apply engineering, management principles in executing project.

PO12- Ability to recognition of the need for, and an ability to engage in self-education in a life-long learning process.