

## **PEOs and POs of M. Tech. Mechanical Engineering (Design) Program**

### **Programme Educational Objectives (PEOs):**

**PEO 1:** Impart contemporary knowledge in the field of mechanical design.

**PEO 2:** Develop students in core competency to be successful in industry, R & D centres, academia using modern tools and techniques.

**PEO 2:** Empower students to communicate effectively, possess professional and ethical values, be a successful entrepreneur and become socially responsible through lifelong learning.

### **Program Outcomes (POs):**

Students will be able to

**PO1:** Independently/jointly carry out research/investigation and development work to solve practical problems.

**PO2:** Formulate, analyze, interpret and synthesize problems in mechanical engineering design using modern tools and techniques following all ethical practices.

**PO3:** Design component, process or system to meet desired needs of manufacturability, sustainability, economy, environment, health and safety.

**PO4:** Write/prepare and present a substantial technical report/document.

**PO5:** Develop competence to successfully execute Industry/R&D/Entrepreneurial projects, address societal needs and be a life-long learner.