

## **M.TECH (CAD/CAM)**

### **PROGRAMME EDUCATIONAL OBJECTIVES (PEO's)**

**PEO 1:** Excel in career with professional knowledge and skills in the specialized area of computer aided design and manufacturing.

**PEO 2:** Demonstrate problem solving skills in industry, society in a broader perspective and be successful in teaching and research.

### **PROGRAMME OUTCOMES (PO's)**

- a.** Accomplish a comprehensive conceptual knowledge of modeling and analysis of mechanical components and systems using CAD tools. **(PSO1)**
- b.** Acquire the technological knowledge of advanced materials and manufacturing methods for improving quality and productivity. **(PSO2)**
- c.** Apply the principle of Robotics and other automation technologies in manufacturing. **(PSO3)**
- d.** Independently carry out research /investigation and development work to solve practical problems in CAD/CAM.
- e.** Write and present a substantial technical report/document.
- f.** Learn independently and engage in lifelong learning with understanding of professional, social and ethical responsibilities for the need of sustainable development.