

PROGRAMME OUTCOMES (POs):

- 1. Basic and Discipline specific knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
- 2. Problem analysis:** Identify and analyze well defined engineering problems using codified standard methods.
- 3. Design/ development of solutions:** Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.
- 4. Engineering Tools, Experimentation and Testing:** Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
- 5. Engineering practices for society, sustainability and environment:** Apply appropriate technology in context of society, sustainability, environment and ethical practices.
- 6. Project Management:** Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.
- 7. Life-long learning:** Ability to analyze individual needs and engage in updating in the context of technological changes.

Program Educational Objectives (PEOs):

- PEO 1:** To produce students employable towards building a successful career based on sound understanding of theoretical and applied aspects as well as methodology to solve multidisciplinary real life problems.
- PEO 2:** To produce professional graduates ready to work with a sense of responsibility, ethics and enabling them to work efficiently individually and also as a team.
- PEO 3:** To develop the ability to critically think, analyse, design and develop IT based solutions.
- PEO 4:** To imbibe the life-long learning and understanding of ethical values, their duties toward environmental issues and sensitize them toward their social responsibility as IT professional.

PROGRAM SPECIFIC OUTCOMES (PSOs):

- PSO 1:** Ability to analyze, design, implement, and test software systems based on requirement specifications and development methodologies of software systems.
- PSO 2:** Apply computer science theory blended with engineering mathematics to solve computational tasks and model real world problems using appropriate programming language, data structure, and algorithms.