

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 achieve high level of technical Knowledge to understand, identify, formulate, design and implement a real-life Civil Engineering problem.
- PEO 2:** To inculcate the value-based leadership and ethical qualities in implementing the Civil Engineering projects.
- PEO 3:** To enhance the need based active participation in infrastructural development for the betterment of society.
- PEO 4:** To foster qualities for life-long learning, working with team spirit with effective communication and interaction with society.

PROGRAM SPECIFIC OUTCOMES (PSOs):

- PSO 1:** An ability to understand the concepts of Civil Engineering and to apply them to analyse, design and execute in the field to make project safe, economical and sustainable and durable.
- PSO 2:** An ability to solve complex Civil Engineering problems, using experimental and numerical skill.