

CIVIL ENGINEERING DEPARTMENT

Vision:- Imparting quality education in Civil Engineering to meet the needs of the society.

Mission:-

- **M-1:-** Provide quality education to develop competent civil engineers.
- **M-2:-** Create awareness among students for sustainable development.
- **M-3:-** Encourage the students to higher education & entrepreneurship

Programme Outcome (POs)

PO-1:- Basic and Discipline specific knowledge:- Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.

PO-2:- Problem analysis:- Identify and analyze well-defined engineering problems using codified standard methods.

PO-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.

PO-4:- Engineering Tools, Experimentation and Testing:- Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.

PO-5:- Engineering practices for society, sustainability and environment:- Apply appropriate technology in context of society, sustainability, environment and ethical practices.

PO-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.

PO-7:- Life-long learning:- Ability to analyze individual needs and engage in updating in the context of technological changes.

Programme Educational Objectives (PEOs)

PEO1. To deliver the essentials knowledge of science and engineering from expert and train the skill of foundation principles for expert problem solving ability.

PEO2:- To train capability in vision and design of structure and impart knowledge and skills for analyze, design, test and implement various software applications.

PEO3:- To exhibit leadership capability, triggering social and economic commitment and inculcate community services and protect environment.

Programme Specific Outcomes (PSOs)

PSO1. Construction Planning and Designing: Perform optimal civil engineering construction, planning and designing activities of desired quality at optimal cost.

PSO2. Construction Execution and Maintenance: Execute civil engineering construction and maintenance using relevant materials and equipments.