

ELECTRICAL ENGINEERING DEPARTMENT

Vision:- To develop capable electrical engineers to satisfy communal and industrial needs.

Mission:-

M-1:- To organize industry institute interactions to enhance teaching learning process for electrical engineering students to improve the skills.

M-2:- Encourage students to participate in co-curricular, extracurricular and social activities to enhance confidence.

M-3:- Create awareness about safety, health and environment among students for working in electrical domain.

M-4:- To develop globally competent Electrical Engineering students by enhancing indigenous technologies and inculcating entrepreneurship quality in them.

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 analyse 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)

PEO-1:- Provide socially responsible, environment friendly solutions to Electrical engineering related broad-based problems adapting professional ethics.

PEO-2:- Adapt state-of-the-art Electrical engineering broad-based technologies to work in multi-disciplinary work environments.

PEO-3:- To Exhibit leadership Capability, Triggering Social and economic commitment and inculcate community services and protect Environment.

Programme Specific Outcomes (PSOs)

PSO-1:- Electrical Equipment: Maintain various types of rotating and static electrical equipment.

PSO-2:- Electric Power Systems: Maintain different types of electrical power systems.