

PROGRAMME EDUCATIONAL OBJECTIVES

The graduates will

PEO1: Acquire a successful career in electrical industries, allied fields and entrepreneurship with profound knowledge in core engineering.

PEO2: Pursue higher education and involve in research activities to gain in-depth knowledge in electrical and electronics engineering.

PEO3: Exhibit intellectual skills, ethics and pursue life-long learning to cater the societal needs.

PROGRAMME OUTCOMES (POs)

At the end of the programme, graduate will be able to

- PO1:** Apply the knowledge of mathematics, science, engineering fundamentals and specialized engineering to obtain the solutions for the complex problems in the core domain.
- PO2:** Identify, formulate, do literature survey, analyze and obtain feasible solutions for complex engineering problems using the basic principles.
- PO3:** Design solutions for complex electrical and electronics engineering problems by keeping safety, economic, societal and environmental needs in view.
- PO4:** Apply contemporary computational concepts and tools to resolve the engineering problems with numerous possible solutions.
- PO5:** Create, select and apply appropriate techniques, resources and modern engineering tools to the complex problems in core domain, by considering the limitations.
- PO6:** Apply reasoning to assess societal, health, safety, legal and cultural issues by professional engineering practice along with immense responsibility.
- PO7:** Understand the impact of the professional engineering solutions in environmental contexts and share the knowledge for sustainable development of the society.
- PO8:** Practice the ethical principles in professional career with commitment.
- PO9:** Perform effectively as an individual and work as a team member or leader in blended settings to achieve common goals.
- PO10:** Communicate effectively and share the ideas with engineering community and society as well, while handling complex engineering problems.
- PO11:** Apply the knowledge of engineering and management principles to manage projects in multidisciplinary environments.
- PO12:** Engage independently in life-long learning to update the technical skills.