

Programme Educational Objectives and Programme Outcomes

Sl. No.	Programme Educational Objectives (PEOs)	Programme Outcomes (POs)
		On Completion of the programme Graduands will be able to:
1	To prepare students to excel in postgraduate programmes or to succeed in industry / technical profession through global, rigorous education.	Graduate will demonstrate an ability to identify, formulate and solve electrical engineering problems
2	To provide students with a solid foundation in mathematical, scientific and engineering fundamentals required to solve engineering problems and also to pursue higher studies.	Graduate will demonstrate knowledge of differential equations, vector calculus, complex variables, matrix theory, probability theory, physics, chemistry and electrical and electronics engineering.
3	To train students with good scientific and engineering breadth so as to comprehend, analyze, design, and create novel products and solutions for the real life problems.	Graduate will demonstrate an ability to design electrical and electronic circuits and conduct experiments with electrical systems, analyze and interpret data.
4	To inculcate in students professional and ethical attitude, effective communication skills, teamwork skills, multidisciplinary approach, and an ability to relate engineering issues to broader social context.	Graduate will demonstrate an ability to design digital and analog systems and component.
5	To provide student with an academic environment aware of excellence, leadership, written ethical codes and guidelines, and the life-long learning needed for a successful professional career.	Graduate will demonstrate an ability to visualize and work on laboratory and multidisciplinary tasks
6		Graduate will demonstrate skills to use modern engineering tools, software and equipment to analyze problems.
7		Graduate will demonstrate knowledge of professional and ethical responsibilities.
8		b Graduate will be able to communicate effectively in both verbal and written form.
9		c Graduate will show the understanding of impact of engineering solutions on the society and also will be aware of contemporary issues.
10		d Graduate will develop confidence for self

		education and ability for life-long learning
11	e	Graduate can participate and succeed in competitive examinations like GATE, GRE.

PROGRAM SPECIFIC OUTCOMES

Sl.No	Programme Specific Outcomes
1	To gain a promising knowledge on basic engineering science with hands on training that would enhance the students in designing the technical concepts and furnish the knowledge on real time applications in Electrical and electronics engineering
2	To enrich the students competence with analysis, synthesis and development capabilities using latest methodologies in the Electrical and Electronics Engineering field.
3	Ability to adapt in multidisciplinary environment and expertise the students skills in advanced technologies and creating engineering solutions for technical and non technical aspects
4	Graduates will be talented to innovate, creative applications and to provide solutions for complex problems related to society.