

## List of PEOs

- a) To design and conduct experiment, analyze, interpret data in the areas of core Electrical Engineering subjects such as Circuit Analysis, Electrical Machines, Power Systems, Power Electronics etc.
- b) To identify, formulate and solve Electrical Engineering problems.
- c) To understand professional and ethical responsibilities.

- d) To **communicate** effectively in interpersonal interactions.
- e) To use modern software tools such as MATLAB , Mi-Power etc. for solving problems in Engineering especially in Electrical Technology.

## List of POs

- i. Graduate will be able to demonstrate knowledge of mathematics and core areas of Electrical Science and Technology
- ii. Graduates will be able to design Electrical Power and Control Systems
- iii. Graduates will be able to demonstrate skills to modern software tools such as MATLAB/Mi-power / PSpice etc to analyze and design systems
- iv. Graduates will be able to understand their professional , managerial and ethical responsibilities to the society at large

## List of POs

- v. Graduates will be able to communicate effectively in both verbal and written forms
- vi. Graduates will be prepared for successful careers in Electrical Engineering and related areas in organizations at national and international level
- vii. Graduates will be able to act as quality Electrical Engineers
- viii. Graduates will be devoted towards higher education , research and superior jobs particularly in the broad area of Electrical Science.

## List of POs

- ix. Graduates will demonstrate ability to carry out research into core Electrical Engineering
- x. Graduates will be able to take ethical decision in Engineering, specially in the field of professional Electrical Engineering area
- xi. Graduates will also be able to analyze technological problems for finding optimum solutions in applications of Electrical Science
- xii. Graduates will demonstrate abilities to analyze cost effectiveness of Engineering projects and apply innovation , especially in Electrical Engineering field

**POs**

**PEO**

	(i)	(ii)	(iii)	(iv)	(v)	(vi)	(vii)	(viii)	(ix)	(x)	(xi)	(xii)
(a)	✓	✓	✓						✓		✓	
(b)	✓	✓	✓			✓	✓				✓	✓
(c)				✓			✓			✓		
(d)					✓		✓	✓				
(e)			✓			✓	✓	✓	✓		✓	✓