

Program Educational Objectives (PEOs)

PEO1: To produce competent and knowledgeable engineers who can analyze, design and develop unique innovative products as well as solutions to problems in the areas of Power and Energy that are technically sound, economically feasible, socially acceptable & environment friendly.

PEO2: To produce well educated graduates with advanced knowledge and superior skills in the areas of Power and Energy, enabling them to be employed in industry, academia and research organizations.

PEO3: The graduates will be able to apply advanced engineering proficiency and management attribute in the field of Power System for driving industrial growth and technological advancement in the chosen field of interest.

PEO4: The graduates will be able to exhibit professionalism, ethical attitude, communication skills and leadership quality in professional career and demonstrate the knowledge for sustainable development.

Program Outcomes (POs)

PO1: An ability to independently carry out research /investigation and development work to solve practical problems.

PO2: An ability to write and present a substantial technical report/document.

PO3: Students should be able to demonstrate a degree of mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program.

PO4: An ability to identify, formulate, and solve power system related problems using advanced level computing techniques.

PO5: An ability to understand the impact of power engineering solutions in a global, economic, environmental, and societal context.

PO6: Able to demonstrate knowledge understanding of the engineering and management principles and apply these to multidisciplinary environments.