

Programme Educational Objectives of B. Tech. in Electrical and Electronics Engineering

PEO1	To prepare under graduate students to excel in technical profession/ industry and/or higher education by providing a strong foundation in mathematics, science and engineering.
PEO2	To transform engineering students to expert engineers so that they could comprehend, analyze, design and create novel products and solutions to Electrical and Electronics Engineering problems that are technically sound, economically feasible and socially acceptable.
PEO3	To train students to exhibit professionalism, keep up ethics in their profession and relate engineering issues to address the technical and social challenges.
PEO4	To develop communication skills and team work and to nurture multidisciplinary approach in problem solving.

Program Outcomes of B. Tech. in Electrical and Electronics Engineering

PO1	Ability to apply the knowledge of mathematics, science and engineering principles for modeling, analyzing and solving electrical and electronics engineering problems.
PO2	Ability to identify, formulate and analyze real-life electrical and electronics engineering problems.
PO3	Ability to design and develop solutions for real-life electrical and electronics engineering problems.
PO4	Ability to design and develop sophisticated equipment and experimental systems for carrying out detailed investigation to multifaceted electrical and electronics engineering problems.
PO5	Ability to develop and utilize modern tools for modeling, analyzing and solving electrical and electronics engineering problems.
PO6	Dedication to work as an electrical or electronics engineer who is capable of identifying solutions to various local and global problems faced by the society.
PO7	Ability to design and develop modern systems for the upkeep of pollution free environment.
PO8	Willingness and ability to upkeep professional ethics and social values.
PO9	Willingness and ability to think independently, take initiative, lead a team of engineers or researchers and inculcate team spirit.
PO10	Ability to express ideas clearly and communicate orally as well as in writing with others.
PO11	Willingness and ability to maintain lifelong learning process by way of participating in various professional activities.
PO12	Willingness and ability to take up administrative responsibilities involving both project and financial management confidently.