

## **Program Outcomes (PO) of UG Program in Electrical Engineering**

1. An ability to apply knowledge of mathematics, computational techniques, science and engineering fundamentals to the appropriate areas of the discipline.
2. An ability to identify a problem, analyze and formulate the course of action(s) appropriate to its solution.
3. An ability to design, development and implementation of an electrical system, process, component, or part of any one or more of them to meet desired needs with appropriate consideration of the solution of the problem.
4. An ability to design and conduct experiments, as well as to analyze and interpret data enabling a graduate to develop keen interest in investigating a complex problem.
5. An ability to use current techniques and develop the skills of using modern tools for solving electrical and allied engineering problems.
6. An ability to analyze the local and global impact of modern technological trends on individuals, organizations and society as a whole with appropriate consideration for public health, safety and awareness of energy usage.
7. Knowledge of contemporary power engineering issues in respect of environment and sustainability.
8. An understanding of professional, ethical, legal, security and social issues and responsibilities.
9. An ability to function individually and in teams to accomplish a common goal in diverse and multidisciplinary area.
10. An ability to communicate effectively with a range of audiences.
11. Recognition of the need for and an ability to engage in continuing professional development.
12. To apply economics and management principles for optimum allocation of resources to achieve a viable project solution.