Electrical and Electronics Engineering

Program Outcomes

1. Engineering Knowledge: Apply math, science, and engineering fundamentals to complex problems.

2. Problem Analysis: Identify and analyze complex problems using research and sustainability principles.

3. Design Solutions: Design systems and processes considering health, safety, cost, culture, and environment.

4. Investigations: Use experiments, modelling, and data analysis to reach valid conclusions.

5. Engineering Tools: Apply modern tools for modelling and problem-solving, recognizing their limits.
6. Society & Environment: Assess societal, legal, and environmental impacts of engineering solutions.
7. Ethics: Commit to ethics, human values, diversity, and legal compliance.

8. Teamwork: Work effectively as an individual and in multidisciplinary teams.

9. Communication: Communicate clearly in reports, presentations, and documentation across diverse groups.

10. Management & Finance: Apply management and economic principles in projects and teamwork.
11. Lifelong Learning: Engage in continuous learning, adapt to new technologies, and think critically.

Programme Specific Outcomes

PSO1 Analyze, design, and develop electrical circuits and systems for various industrial and societal requirements.

PSO2 Utilize modern tools and techniques for solving complex problems in electrical and electronic systems and provide sustainable solutions.

PSO3 Upskill with rapid advancements in the field of Electrical Engineering and exhibit research aptitude, work effectively as team and uphold ethical practices.