



PROGRAMME EDUCATIONAL OBJECTIVES

PEO1 : To provide students with the fundamental and advanced knowledge of concepts in Electronics and Communication.

PEO2 :To provide students with the skill of designing, analyzing and developing electronic systems and equipments.

PEO3 : To enable the students to apply their knowledge in industry, academic or research to develop creative and innovative products.

PEO4 :To provide students with the ability to work as a team, to communicate effectively, to have professional ethics and to understand their responsibilities in the society.

PROGRAMME SPECIFIC OUTCOMES

PSO1 : To use their skills to design, analyse and implement systems in various fields like VLSI, Embedded Systems, Signal Processing, communication, Electronic Circuits and other analog and digital systems.

PSO2 : To use their knowledge, skills in research and develop innovative, creative applications in the field of Electronics and Communication using modern engineering tools.

PSO3 :To show commitment towards the society, environment and to have professional ethics.

PSO4 :To provide benefits to the society by generating jobs by becoming an entrepreneur.



PROGRAMME OUTCOMES

1. **Engineering knowledge:** Apply the knowledge of mathematics, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Design and analysis:** Identify, design and perform experiments to analyse and investigate data and information in the field of electronics and communication..
3. **Development of solutions:** Design and develop Electronics and Communication Systems that can meet current requirements in the world, keeping in mind the societal, environmental and ethical constraints.
4. **Research and Innovate:** Use research based methods which include experiments, analysis and interpretation of data to reach new conclusions which can lead to innovation.
5. **Use modern tools:** Use modern engineering tools, software's and equipments to analyse and solve complex engineering problems.
6. **The Engineer and Society :** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Societal and environmental considerations:** Use techniques and reasoning gained by the contextual knowledge to assess societal, environmental, health, safety, legal and cultural issues keeping in mind the impact it can make.
8. **Ethics:** Always practice engineering by applying ethical principles, norms of engineering practice and get committed to professional ethics and responsibilities.
9. **Individual and Team work :** Work effectively as a member or leader in different types of teams, and communicate effectively and frequently with the engineering community and society to address engineering issues.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, make effective presentations, and give and receive clear instructions.
11. **Project Management:** Use the knowledge of project and management skills to find creative and innovative solutions in multidisciplinary areas with complex problems.
12. **Life Long Learning:** Learn continuously and regularly to identify technology changes and also to keep in pace with the ever changing field.