PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PE01. Our Graduates of the Programme will be successful in their professional careers, including entrepreneurship using their knowledge in computer science and engineering.

PE02. Our Graduates of the Programme will continue to learn and adopt latest technologies to solve real life problems.

PE03. Our Graduates of the Programme will pursue research and higher education.

PE04. To inculcate in students professional and ethical attitude, communication skills, teamwork skills, multi-disciplinary approach and an ability to relate computer engineering issues with social awareness.

PE05. To prepare students to excel in Computer Science and Engineering post graduate programmes or to succeed in computing industry profession through quality education.

PROGRAMME OUTCOMES (POS)

The graduates of Computer Science Engineering Program will have:

PO1. Engineering knowledge -Ability to apply the knowledge of mathematics, physical sciences and computer science and engineering specialization to the solution of complex engineering problems

PO2. Problem analysis -Ability to identify, formulate and analyze complex real life problems in order to provide meaningful solutions by applying knowledge acquired in computer science and engineering.

PO3. Design/development of solutions -Ability to design cost effective software / hardware solutions to meet desired needs of customers/clients.

PO4. Conduct investigations of complex problems –Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions in the field of computer science and engineering.

PO5. Modern tool usage -Create, select and apply appropriate techniques, resources and modern computer science and engineering tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6. 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.

PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.