

COMPUTER SCIENCE AND ENGINEERING

Program Specific Outcomes (PSOs): At the end of the program, the graduate will be able to

PSO 1: Understand, analyze develop computer programs in the areas related to algorithms, system software, multimedia, web design, big data analytics, machine learning and networking for efficient design of computer based systems of varying complexity.

PSO 2: Understand the evolutionary changes in computing, apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success, real world problems and meet the challenges of the future.

PSO 3: Employ modern computer languages, environments and platforms in creating innovative career paths to be an entrepreneur, life-long learning and a zest for higher studies and also to act as a good citizen by inculcating moral and ethical values.

Program Educational Objectives (PEOs): The Bachelor of Engineering (B.E.) program specialized in Computer Science and Engineering is designed to achieve the following objectives after four to five years of graduation. They will be able to

PEO 1: Impart strong foundation in basic sciences, mathematics and engineering fundamentals, knowledge and capability.

PEO 2: Comprehend and provide in depth knowledge to design and develop novel products and innovative solution for real life problems in Computer Science and Engineering field and related domains.

PEO 3: Inculcate a conviction to believe in self, impart professional and ethical attitude, nurture to be an effective team member, infuse leadership qualities, build proficiency in soft skills and the abilities to relate engineering with the societal issues.

PEO 4: Impart exhaustive knowledge of computer science and engineering to take up key assignments in industry, undertake and excel in higher studies and Research & Development in computer science, related engineering fields and management.