

## **INFORMATION SCIENCE AND ENGINEERING**

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

**PSO 1:** Demonstrate the fundamental and theoretical concepts, analyze the real-time problems and develop customized software solutions by applying the knowledge of mathematics and algorithmic techniques.

**PSO 2:** think creatively; apply standard practices and strategies, technical skills in software design, development, integration of systems and management for improving the security, reliability of the infrastructure.

**PSO 3:** Exchange knowledge effectively; demonstrate the ability of team work, documentation skills, professional ethics, entrepreneurial skills and continuing higher education in the field of information technology.

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

**PEO 1:** Acquire the fundamentals of computers and apply the knowledge of Information Science & Engineering and continue to develop their technical competencies by problem solving using programming.

**PEO 2:** Acquire the proficiency to develop system/application software in a scalable and robust manner with various platforms, tools and frame works to provide cost effective solutions.

**PEO 3:** Investigate the necessities of the software product, adapt to technological advancement, promote collaboration and interdisciplinary activities, protecting environment and developing comprehensive leadership.

**PEO 4:** Possess good communication skills, ability to work in teams, professional ethics, social responsibility, entrepreneurial and managerial skills achieve higher career goals and pursue higher studies.