

Department Vision and mission

Vision: To build students' capacity through quality education that enables them to address industry and societal problems while becoming contributors.

Mission (4 key areas):

- M1: Develop problem-solving abilities through project-based learning
- M2: Provide blended teaching and assessment approaches to enhance learning
- M3: Provide exposure to various domains for students to choose their area of interest
- M4: Maintain continuous industry interaction to prepare industry-ready students

Program Educational Objectives (PEOs)

Five objectives covering:

- PEO1: Applying engineering principles to solve real-world societal problems
- PEO2: Working on multidisciplinary projects in diverse industrial environments
- PEO3: Exploring recent ICT technological developments
- PEO4: Enhancing knowledge through self-learning, certifications, and higher education
- PEO5: Acting ethically and socially responsible as solution providers and entrepreneurs

Program Specific Outcomes (PSOs)

Two specific outcomes:

- PSO1: Identifying, analyzing, and solving real-time industry problems in software development, embedded systems, VLSI design, IoT, and communication technologies
- PSO2: Contributing as analyst and developer in cloud computing, DevOps, security, machine learning, artificial intelligence, and big data