



PROGRAM OUTCOMES (POs)

- PO1:** An ability to independently carry out research / investigation and development work to solve practical problems.
- PO2:** An ability to write and present a substantial technical report / document.
- PO3:** Students should be able to demonstrate a degree of mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program.
- PO4:** Integrate the knowledge of software engineering principles and paradigms in the design of system components and processes to meet the specific needs of the industry.
- PO5:** Apply the cutting-edge technologies, skills and CASE tools necessary to identify, analyze and formulate solutions to complex engineering problems with societal commitment.
- PO6:** Recognize the need to engage in lifelong learning that helps to explore all dimensions of software engineering practices and contemporary technologies with ethical values.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- PEO I.** Develop technologically competent computer professionals in today's IT centric scenario by training them in the contemporary software engineering principles and paradigms.
- PEO II.** Provide students a deep insight into various cutting edge technologies & tools and thereby creating diverse career opportunities.
- PEO III.** Improve analytical, logical and presentation skills of the students by applying evolving technologies of software engineering in developing practical solutions to complex problems in consonance with the legal and ethical responsibilities.
- PEO IV.** Provide the students with project engineering and management skills catering to the changing industry needs and constraints across the advancing domains of computing.
- PEO V.** Prepare the students to take up research oriented projects, industry internships and entrepreneurship endeavors by training them to work with multi-disciplinary teams and engaging them for life-long learning in pursuit of their professional accomplishment.

Program Specific Outcomes (PSOs)

- PSO I.** Apply the knowledge of software engineering principles and paradigms in the design of system components and processes that meet the specific needs of the industry.
- PSO II.** Use the techniques, skills and CASE tools necessary for engineering practice and coordinate the construction, deployment and maintenance of software systems.