



VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
M.Tech. (COMPUTER SCIENCE AND ENGINEERING)

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.
- PO4:** Apply the knowledge of engineering principles to develop software systems, products, and processes thus to solve real world multifaceted problems.
- PO5:** Ability to design and conduct experiments, procedures, and technical skills necessary for engineering exploration to solve societal problems and environmental contexts for sustainable development.
- PO6:** Recognize the need to engage in self-governing and life-long learning by making use of professional and ethical principles.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- PEO I.** To provide students with sound foundations in Basic Sciences and fundamentals in Engineering Sciences.
- PEO II.** To instill strong problem-solving skills through the courses of CSE.
- PEO III.** To prepare students with hands on experience in implementing various software development concepts.
- PEO IV.** To afford graduates with both fundamental and advanced knowledge of computer science and engineering that prepares them for excellence, leadership roles along diverse career paths, and integrate ethical behavior.
- PEO V.** To deliver graduates to design and implement solutions for rapidly changing computing problems and information system environments and lifelong learning to adapt innovation.

PROGRAM SPECIFIC OUTCOMES(PSOs)

- PSO1:** Analyze software products, processes in a systematic way by applying problem solving skills and employable in product-oriented Industry.
- PSO2:** Ability to take up higher studies, Research & Development and Entrepreneurships in the modern computing environment.