

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

M.Tech in COMPUTER SCIENCE

PROGRAM EDUCATIONAL OBJECTIVES

After few years of graduation, the graduates of **M. Tech. (CS)** program would have:

- PEO1.** Enrolled in advanced studies in the domain of Computer Networks, Database Systems, Data Mining, Software engineering and Interdisciplinary areas.
- PEO2.** Employed in academia, software development, Government and Research organizations or would have established startup companies.
- PEO3.** Effective communication and leadership skills in professional practice with ethical code, gain knowledge of contemporary and global issues and strive for continuous learning.

PROGRAM OUTCOMES

On successful completion of the Program, the graduates of **M. Tech. (CS)** will be able to:

- PO1.** Demonstrate knowledge with ability to select, learn and apply appropriate techniques, skills and modern engineering tools to solve engineering problems appropriate to the relevant discipline.
- PO2.** Analyze engineering problems critically, conceptualize, design, implement and evaluate potential solutions to contribute to the development of scientific/technological solutions in the context of relevant discipline.
- PO3.** Independently carry out research /investigation and development work to solve practical problems.
- PO4.** Function effectively as an individual and in a team to possess knowledge and recognize opportunities for career progression and research.
- PO5.** Communicate effectively in professional practice through verbal and written formats.
- PO6.** Recognize the need for self-motivated pursuit of knowledge to show commitment and competence in the broadest context of technological change.