

Computer Science and Engineering

Program Outcomes

1. Engineering Knowledge: Apply math, science, and engineering fundamentals to complex problems.
2. Problem Analysis: Identify and analyze complex problems using research and sustainability principles.
3. Design Solutions: Design systems and processes considering health, safety, cost, culture, and environment.
4. Investigations: Use experiments, modelling, and data analysis to reach valid conclusions.
5. Engineering Tools: Apply modern tools for modelling and problem-solving, recognizing their limits.
6. Society & Environment: Assess societal, legal, and environmental impacts of engineering solutions.
7. Ethics: Commit to ethics, human values, diversity, and legal compliance.
8. Teamwork: Work effectively as an individual and in multidisciplinary teams.
9. Communication: Communicate clearly in reports, presentations, and documentation across diverse groups.
10. Management & Finance: Apply management and economic principles in projects and teamwork.
11. Lifelong Learning: Engage in continuous learning, adapt to new technologies, and think critically.

Program Specific Outcomes:

1. Design and develop efficient and reliable computing solutions for real time applications.
2. Utilize modern tools and platforms for development of innovative software systems for industrial and societal requirements.
3. Upskill with rapid advancements in the field of Computer Engineering and exhibit research aptitude, work effectively in multidisciplinary teams and uphold ethical practices.