

Programme Outcomes

- Apply the knowledge of statistical and mathematical fundamentals, along with computer engineering principles and practices to the solution of complex engineering problems.
- Identify, formulate, review, and analyze complex engineering problems to reach substantiated conclusions using domain knowledge of computer engineering.
- Design system components and processes that meet the quality criteria with appropriate consideration for the cultural, societal and environmental considerations.
- Use research-based knowledge and methods including design of experiments, analysis and interpretation of data to provide valid conclusions.
- Apply appropriate techniques, resources, and computer engineering tools to various engineering activities with an understanding of the limitations.
- Apply contextual knowledge to assess societal, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- Understand the impact of the computer engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- Communicate effectively with engineering community and society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- Demonstrate knowledge and understanding of the computer engineering and management principles to manage projects in multidisciplinary environments.
- Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.