

Program Outcomes

PO1: Foundation/Strengthening the core: Acquire in-depth computational knowledge and mathematics with an ability to abstract and conceptualize models from defined problems and requirements

PO2: Problem Solving Skill: Identify, formulate, conduct literature survey and solve complex computing problems through analysis as well as provide optimal solutions

PO3: Design, Development of Applications: Design and evaluate solutions for complex problems, components or processes that meet specified needs after considering public health and safety, cultural, societal, and environmental factors

PO4: Conduct investigations of complex problems: Conduct literature survey to analyze and extract information relevant to unfamiliar problems and synthesize information to provide valid conclusions and interpret data by applying appropriate research methods, tools and design experiments

PO5: Modern Tool Usage: Create, select, adapt and apply appropriate techniques, resources and modern IT tools to complex computing system activities, with an understanding of the limitations

PO6: Professional Ethics: Understand and commit to professional ethics and cyber regulations, responsibilities, and norms of professional computing practices

PO7: Individual and Team Work: Function effectively as an individual, as a member or leader in diverse teams in multidisciplinary environments

PO8: Communication Efficacy: Understand and communicate effectively with the computing community and with society at large, regarding complex computing systems activities confidently and effectively by writing effective reports and design documentations by adhering to appropriate standards, make effective presentations and give / receive clear instructions

PO9: Life-long Learning: Engage in lifelong learning independently for continual development to improve knowledge and competence as a computing professional

PO10: Project management and finance: Demonstrate knowledge and understanding of management principles and apply these to multidisciplinary software development as a team member and manage projects efficiently as a leader considering economical and financial factors

PO11: Integrating Solutions/Modules in the context of Emerging Technologies: Integrate and apply efficiently the contemporary IT tools to all Computer Applications

PO12: Innovation and Entrepreneurship: Identify a timely opportunity for entrepreneurship and use innovation to pursue and create value addition for the betterment of the individual and society at large