Master of Computer Applications

Program Outcomes (POs)

PO1) Computational Knowledge: Apply knowledge of computing fundamentals, computing specialization, mathematics, and domain knowledge appropriate for the computing specialization to the abstraction and conceptualization of computing models from defined problems and requirements.

PO2) Problem Analysis: Identify, formulate, research literature, and solve complex computing problems reaching substantiated conclusions using fundamental principles of mathematics, computing sciences, and relevant domain disciplines.

PO3) Design /Development of Solutions: Design and evaluate solutions for complex computing problems, and design and evaluate systems, components, or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.

PO4) Conduct investigations of complex Computing problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5) Modern Tool Usage: Create, select, adapt and apply appropriate techniques, resources, and modern computing tools to complex computing 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) Life-long Learning: Recognize the need, and have the ability to engage in independent learning for continual development as a computing professional.

PO8) Project management and finance: Demonstrate knowledge and understanding of the computing and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO9) Communication Efficacy: Communicate effectively with the computing community, and with society at large, about complex computing activities by being able to comprehend and write effective reports, design documentation, make effective presentations, and give and understand clear instructions.

PO10) Societal and Environmental Concern: Understand and assess societal, environmental, health, safety, legal, and cultural issues within local and global contexts, and the consequential responsibilities relevant to professional computing practices.

PO11) Individual and Team Work: Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary environments.

PO12) Innovation and Entrepreneurship: Identify a timely opportunity and use innovation to pursue that opportunity to create value and wealth for the betterment of the individual and society at large.

Programme Specific Outcomes (PSOs)

1. The ability to develop and apply computer based applications of varying complexity and domains using standard practice.

2. Demonstrate the ability to use the latest technology and tools in developing the software thus helping our product to be Employable and become a Successful Entrepreneur.

Programme Educational Objectives (PEOs)

1. To provide students with a solid foundation in the Computing concepts like mathematics, programming, data management, networking etc. This will further enable students to analyze, design and create solutions for any enterprise, national or global in multidisciplinary fields.

2. To inculcate in students a strong ethical and professional attitude which, along with effective communication, managerial and teamwork skills will enable success in a broad social context.

3. To prepare the students to excel in an academic environment and make them ready for productive employment through global education and to empower them to develop high end business and innovative skills.

4. To provide broad educational and research experience through interdisciplinary and industrial collaboration programs.