

Master of Computer Applications Programme (2020 Course)

1. PROGRAMME EDUCATION OBJECTIVES (PEO)

PEO1: To build a strong foundation for students to become proficient in all academic concepts and technical skills necessary to become an IT Professional.

PEO2: To provide a conducive environment for designing, implementing and testing various software applications through Software Development Cell.

PEO3: To keep the students and faculty abreast with the emerging technologies in the field of computer applications.

PEO4: To bring professionalism amongst the students and promote holistic development.

PEO5: To involve students in sustainable IT practices and community services.

5. PROGRAMME OUTCOMES (PO)

PO1: Computational Knowledge: Apply knowledge of computing fundamentals, mathematics and given domain to design appropriate models for a given problem and/or requirements.

PO2: Problem Analysis: Apply fundamental knowledge of software engineering and various systems domain in order to analyze, identify, formulate and provide the solution to given problem.

PO3: Design/Development of Solutions: Design and evaluate solutions, systems, modules and processes for specified set of needs with appropriate consideration of societal values and industry expectations.

PO4: Conduct researching in Information Systems: 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: Use of modern tools for delivering milestones like problem analysis, design, development, testing and deployment.

PO6: Professional Ethics: Learn and inculcate professional ethics, cyber regulations, professional responsibilities and norms of professional computing world.

PO7: Lifelong Learning: Acknowledge the need for continuous professional development and practice it through self-motivated, independent learning.

PO8: Management Domain: Involving in projects development as individual or group to solve problems in various domains and environments using computational and management skills.

PO9: Communication Efficacy: Demonstrate efficacy in verbal and non-verbal means of communication like reports, design documentation and presentations to elaborate about complex computing.

PO10: Innovation and Entrepreneurship: Provide conducive environment for innovation and entrepreneurship leading to solutions for betterment of society.

Program Specific Outcomes:

PSO1: Understanding and applying the principles of mathematics, computing techniques and other related disciplines to design and develop software-based systems

PSO2: Design, develop and maintain cross-platform software applications using modern tools and technologies.

PSO 3: Develop the ability to carry out research and experiment to solve industrial and social problems.