Master of Computer Applications (MCA) is a six-semester full-time post-graduate Program spread over three years.

Program Educational Objectives (PEOs)

I.   To provide basic knowledge in Mathematics, Business Management and Computer Science.

II. To train the students with advanced knowledge and underlying principles in Programming Languages, Information Management, Software Engineering and Computer Networks.

III. To solve real time applications by applying skills through planning, analysis, design, implementation, testing and maintenance of application software.

IV. To develop application software in real time applications by honing varied technologies.

V.   To inculcate professional values, ethics, leadership, team work through curricular, co-curricular and extra-curricular activities for a wholesome personality and effective computational practice.

Program Outcomes (POs)

On successful completion of this Program the students will be able to:

1. Acquire the knowledge of Mathematical foundation, Business Management and Computer Applications.
2. Analyze the computing requirements of a problem and solving it using computing principles.
3. Design and develop a computer-based system, component or process to meet the specific needs of application software.
4. Use innovative ideas to create value in order to solve complex problems for the betterment of the individual and society.
5. Exploit the current techniques, skills and software tools necessary for problem solving in Programming Languages, Information Management, Software Engineering and Computer Networks.
6. Practice Computer Applications in adherence to professional and ethical code.
7. Engage in continuous learning as a computing professional.
8. Comprehend the management principles with computing knowledge and to manage the software projects in multi-disciplinary environment.
9. Ability to transact effectively through technical and business communication in the development of application software.
10. Impart value based education and mould students as ethical, socially-committed individuals who will act with professional integrity and contribute to the betterment of the Society and Nation.
11. Function effectively in a team environment to accomplish set of common goals.
12. Self sufficient in delivering their own software product and augment themselves to become an entrepreneur.

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Program Specific Outcomes (PSOs)

On successful completion of this Program the students will be able to:

PSO's

1. Demonstrate knowledge in Mathematical foundation, Business Management, Data structures, Operating Systems, Database Systems, Software Engineering, Programming Languages, and Computer Networks.
2. Analyze real time problems and identify platform based technologies for providing solutions.
3. Provide solutions for complex problems by analysis, interpretation of data, and development of applications to meet the desired needs of industry and society.
4. Select and Apply appropriate techniques and tools to real time problems in the domain of Information technology, Business Management and Mathematical foundation based systems.