संगणक विज्ञान एवं अभियांत्रिकी विभाग
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
प्रयागराज – 211004 , भारत
Department of Computer Science & Engineering
Motilal Nehru National Institute of Technology Allahabad
Prayagraj-211004, India

MASTER OF COMPUTER APPLICATION (M.C.A.)

Program Outcomes (POs):

The Program Outcomes of MCA Programme are to enable students in acquiring:

1. ability to apply knowledge of computing, mathematics, science and engineering fundamentals appropriate to the discipline.
2. ability to analyze a problem, and identify and formulate the computing requirements appropriate to its solution.
3. ability to design, implement, and evaluate a software-based system, process, component, or program to meet desired needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.
4. ability to design and conduct experiments, as well as to analyze and interpret data.
5. ability to use current techniques, skills, and modern tools necessary for computing practice.
6. ability to analyze the local and global impact of computing on individuals, organizations, and society.
7. knowledge of contemporary issues.
8. understanding of professional, ethical, legal, security and social issues and responsibilities.
9. ability to function effectively individually and on teams, including diverse and multidisciplinary, to accomplish a common goal.
10. ability to communicate effectively with a range of audiences.
11. recognition of the need for and an ability to engage in continuing professional development.
12. understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects.
    - Knowledge Outcome: pt. 1, 7, 11.
    - Technical Outcome: pt. 2, 3, 4, 5.
    - Soft Skills Outcome: pt. 9, 10, 12.
    - Behavioural Outcome: pt. 6, 8.

Program Educational Objectives (PEOs):

Objective 1. Excel in professional career and/or higher education by acquiring knowledge in mathematical, computing and engineering principles.

Objective 2. Analyze real life problems, design appropriate system to provide solutions that are technically sound, economically feasible and socially acceptable.

Objective 3. Exhibit professionalism, ethical attitude, communication skills, team work in their profession and adapt to current trends by engaging in lifelong learning.