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

B.TECH (Information Technology)

Program Outcomes (POs):

Students in the B Tech IT program will be able to:

1. apply mathematical knowledge, scientific principles, and computer and technical concepts in problem-solving.

2. evaluate, apply, and manage technologies in various fields of IT, including software systems, management information systems, digital media publishing, website development and management, databases, and computer networks.

3. design and conduct experiments to resolve IT hardware and software problems.

4. assess user needs and the impact of technological solutions in a global and social context.

5. understand major features of a business system and how functional areas (i.e., marketing, accounting, finance, organizational behavior, information management, and information technology) work in relation to the entire operation.

6. communicate effectively in oral, written, and graphical modes.

7. work effectively both as an individual and in team.

8. understand professional and ethical responsibility towards society and engage in life-long learning to keep abreast of contemporary issue.

9. acquire entrepreneurial skills for bearing an entrepreneur.

- Knowledge Outcome: pt. 1 & 2.
- Technical Outcome: pt. 3, 4 & 5.
- Soft skills Outcome: pt. 6 & 7.
- Behavioral Outcome: pt. 8 & 9.

Program Educational Objectives (PEOs):

Objective 1: The graduates will have enriched knowledge in the field of IT and become information technology professionals in different industries and government organizations involved in development, maintenance and utilization of computers, databases, operation systems, computer networks and information systems.

Objective 2: The graduates will reflect their programming and technical skills in order to solve problems related to information technology industry, transforming them in to competent professionals.

Objective 3: The graduates will deliver high level professionalism, ethical and technical standards, having superlative communication skills and ability to work as team members in different fields utilizing knowledge achieved during their course work, providing a proper support to the society having potential to tackle current problems and required innovations.

Objective 4: The graduates will be motivated to pursue higher studies and participate in research programs in the field, involving their excellence to develop new technical perspective to serve the society.