



# Magazine

April - June 2025



INSPERIA



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# “INSPERIA”



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LAKSHMI NARAIN COLLEGE OF TECHNOLOGY (MCA)

Bhopal



LNCT GROUP OF COLLEGES

FOURTEEN EDITION



## OBJECTIVE

The main objective is to make students technically talented in the information technology field. The department has tied up with Coursera (spoken tutorial project) which offers certificate courses to help the students to gain exposure towards leading its tools and languages which is part of the curriculum to earn credits. The students are advised to enroll for online MOOC courses to gain knowledge and upgrade their skills for employment.

## VISION

To be a premier institute where globally competent computer professionals, innovators, and entrepreneurs are evolved with patriotism and nurtured ethical values.

## MISSION

- ❖ To offer high-grade, value-based Post-graduate Programmed in the field of Computer Applications.
- ❖ To improve continually in the teaching-learning process by strengthening infrastructural facilities and faculty credentials.
- ❖ To provide conducive environment to achieve excellence in teaching-learning, and research & development activities.
- ❖ To incorporate IT professionals and skilled based courses beyond curriculum to create more employable post-graduates.
- ❖ To provide appropriate forums to develop innovative talents, practice ethical values and inculcate as enduring learners.

## **Blessings from the Desk of HOD LNCT (MCA)**

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**Prof. Pramod Saket**

### **Digital Transformation in Higher Education**

Discipline and hard work are two fundamental qualities that lead individuals toward success in both academic and professional life. They help in building strong character, developing responsibility, and maintaining focus on long-term goals. In the field of education, discipline plays an important role in guiding students to follow rules, manage their time effectively, and maintain a consistent study routine. A disciplined approach helps students stay organized, avoid distractions, and remain committed to their learning process.



**Dr. Jayanti Mehra Jhariya**  
**LNCT (MCA),**  
**Bhopal**

Hard work is the driving force that transforms aspirations into achievements. Success does not come easily; it requires continuous effort, determination, and perseverance. Students who work hard are more likely to develop a deeper understanding of subjects, improve their skills, and perform better in their academic and professional pursuits. Hard work also teaches the value of patience and persistence in overcoming challenges.

When discipline and hard work are combined, they create a powerful pathway to success. Discipline provides direction and structure, while hard work ensures progress and improvement. Together, these qualities help students achieve their goals and prepare them to face the challenges of the competitive world with confidence and determination.

In essence, discipline and hard work are the cornerstones of success in every sphere of life. They help individuals remain focused, overcome obstacles, and steadily progress toward their goals. Students who cultivate these qualities develop resilience, confidence, and a strong sense of responsibility. By practicing discipline and putting in sincere efforts, they not only achieve academic excellence but also prepare themselves to become capable professionals and responsible citizens who contribute positively to society and national development.

**"Dream big, work hard, and never stop learning."**

## Ethical Challenges in Artificial Intelligence

Artificial Intelligence (AI) has emerged as a transformative technology, influencing various sectors such as education, healthcare, finance, and business. While AI offers numerous advantages in improving efficiency, decision-making, and automation, it also presents significant ethical challenges that must be carefully addressed. One of the major concerns is data privacy, as AI systems rely on large volumes of personal and sensitive data. Ensuring the protection and responsible use of this data is essential to maintain trust and security.

Another critical ethical issue is algorithmic bias, where AI systems may produce unfair or discriminatory outcomes due to biased training data or flawed design. Such biases can negatively impact individuals and communities, leading to inequality and injustice. Additionally, the increasing use of AI raises concerns about job displacement, as automation may replace certain human roles, requiring society to adapt through reskilling and upskilling initiatives.

Transparency and accountability are also key ethical challenges in AI development. It is important for organizations to ensure that AI systems are explainable, reliable, and used responsibly. Establishing clear ethical guidelines, regulations, and human oversight can help in minimizing risks. By addressing these ethical challenges, society can harness the full potential of AI while promoting fairness, responsibility, and sustainable technological growth.

Another important ethical concern related to Artificial Intelligence is the issue of security and misuse. AI technologies, if used irresponsibly, can be exploited for harmful purposes such as cyberattacks, deepfake creation, and spreading misinformation. Such misuse can threaten public safety, national security, and social harmony. Therefore, organizations and governments must establish strict security measures and ethical policies to prevent the unethical use of AI systems.

Furthermore, the lack of clear legal frameworks and regulations poses a challenge in managing AI technologies. As AI continues to evolve rapidly, many countries are still developing laws and standards to govern its use. Without proper regulations, it becomes difficult to determine accountability when AI systems cause errors or unintended harm. Creating standardized ethical guidelines and international cooperation is essential to ensure responsible AI development and deployment.

In conclusion, addressing ethical challenges in Artificial Intelligence is essential to ensure responsible innovation and sustainable growth. By promoting transparency, fairness, security, and human oversight, society can harness the benefits of AI while safeguarding ethical values and protecting human interests.



**Prof. Dev Kumar Chauhan**  
**LNCT (MCA), Bhopal**

## Importance of Soft Skills in Professional Life

In today's competitive professional environment, technical knowledge alone is not sufficient to achieve long-term success. Soft skills have become equally important in shaping an individual's professional growth and career development. Soft skills refer to personal attributes such as communication, teamwork, leadership, problem-solving, adaptability, and time management that enable individuals to interact effectively and work efficiently in professional settings.

One of the most essential soft skills is effective communication, which helps professionals express their ideas clearly and build strong relationships with colleagues and clients. Similarly, teamwork and collaboration are crucial for achieving organizational goals, as most projects require coordinated efforts from multiple individuals. Professionals who demonstrate strong interpersonal skills often gain trust and respect within their organizations.

Another significant aspect of soft skills is adaptability, especially in a rapidly changing technological world. The ability to learn new skills, accept challenges, and remain flexible helps individuals remain relevant in their careers. Additionally, leadership and decision-making skills contribute to professional confidence and enhance productivity.

Quantum computing may also enhance query optimization. Modern databases must evaluate multiple execution plans for complex queries involving joins, indexing, and distributed systems. Quantum algorithms could explore many possible solutions simultaneously, allowing more efficient query planning and faster response times.

Soft skills also enhance customer relations and improve service quality in professional environments. Professionals who communicate politely and understand customer needs can build long-term relationships and maintain organizational reputation. Moreover, networking skills help individuals create valuable professional connections that open doors to new opportunities and career growth. Continuous learning and self-improvement are also important aspects of soft skills development. Attending workshops, seminars, and training sessions strengthens confidence and enhances communication abilities. In today's globalized world, professionals with strong soft skills can collaborate with diverse teams, manage responsibilities efficiently, and contribute effectively to organizational success and long-term professional excellence.

In conclusion, soft skills are essential for professional success, enhancing communication, teamwork, adaptability, and ensuring continuous personal and career growth.



**Prof. Anshu Gangwar**  
**LNCT (MCA), BHOPAL**

**“Knowledge empowers individuals to shape their own future.”**

## Developing Critical Thinking in Student

Developing critical thinking skills among students is essential in today's rapidly changing and knowledge-driven world. Critical thinking enables students to analyze information, evaluate different perspectives, and make informed decisions. It goes beyond memorization and encourages learners to question assumptions, solve complex problems, and think independently. In modern education, fostering critical thinking has become a key objective to prepare students for academic success and professional excellence.

Educational institutions play a significant role in nurturing critical thinking through interactive teaching methods, group discussions, case studies, and project-based learning. These approaches encourage students to explore ideas, express opinions confidently, and support their viewpoints with logical reasoning. The use of digital tools, research activities, and real-life problem-solving exercises further strengthens analytical abilities and creativity among students.

Another important aspect of developing critical thinking is encouraging curiosity and questioning among students. When students are motivated to ask questions and seek deeper understanding, they become active learners rather than passive recipients of information. Teachers can create an open learning environment where students feel comfortable expressing their ideas and exploring different viewpoints without hesitation.

The integration of technology in education also plays a vital role in enhancing critical thinking skills. Digital platforms, online research tools, and virtual simulations allow students to gather information from multiple sources and evaluate its authenticity. This exposure helps them develop the ability to differentiate between reliable and unreliable information, which is essential in the digital age.

Furthermore, collaborative learning activities such as group discussions, debates, and team projects promote critical thinking by allowing students to share diverse opinions. Through collaboration, students learn to respect different perspectives, analyze arguments, and arrive at well-reasoned conclusions. Such experiences help in building confidence and decision-making abilities.

Assessment methods also influence the development of critical thinking. Instead of focusing only on written examinations, institutions can adopt analytical and application-based assessments, including presentations, case studies, and research projects. These evaluation methods encourage students to apply knowledge creatively and think logically while solving real-life problems.



**Prof. Pramod Saket**  
**LNCT (MCA), BHOPAL**

**“Growth comes from curiosity, dedication, and perseverance.”**

## Seminar on The Future of IoT

A one-day seminar on “The Future of IoT: Connecting the World One Device at a Time” was organized on **7th April 2025**. The session was delivered by **Mr. Abhigyanam Giri**, IoT and Embedded Design Engineer, who shared valuable insights on emerging IoT technologies, applications, and future opportunities.



**LAKSHMI NARAIN COLLEGE OF TECHNOLOGY (MCA), BHOPAL**

organizing

### Seminar

Topic: **“The Future of IoT: Connecting the World One Device at a Time”**

Speaker: **Mr. Abhigyanam Giri**  
(IoT & EMBEDDED DESIGN ENGINEER)

07 APRIL 2025

Convener: Dr. Sanjay Bajpal (Director, LNCT-MCA, Bhopal) | Coordinator: Prof. Ripusoodan Sharma

Date: 07-04-2025 | Time: 10:30AM-12:00PM  
Venue: Srinivas Ramanujan Auditorium (LNCTE)

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“Every challenge is an opportunity to learn and improve.”

## Internship Training on Python

A one-week internship training on **Python Programming** was conducted from **26th May 2025 to 31st May 2025**. The sessions were delivered by **Mr. Jayprakash Purey** and **Mr. Akash Tiwari** from Ypsilon IT Solutions Pvt. Ltd., Indore, under the coordination of **Dr. Virendra Kumar Tiwari** and **Mr. Pramod Kumar Saket**.

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NO. 1 THE WEEK INDIA TODAY Outlook

**Lakshmi Narain College of Technology (MCA), Bhopal**

ORGANIZES

**1 WEEK Summer Internship Training Programme On "Python"**

**Mr. JAYPRAKASH PUREY**  
Professor, English, Ypsilon IT Solutions Pvt. Ltd., Indore

**Mr. Akash Tiwari**  
Director IT Solutions Pvt. Ltd. Indore

Time: 09:00 AM to 3:30 PM | Date: 26-05-2025 to 31-05-2025  
Venue: Lab-002 (Ramnath Guha Block, MCA Building)

Convener: Dr. Sanjay Bajpai (Director, LNCT-MCA, Bhopal)

Coordinators: 1. Dr. Virendra Kumar Tiwari 2. Prof. Pramod Kumar Saket

Technical Assistant: Mr. Shubham Saijul

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**"Believe in your potential and keep moving forward."**

## Internship Training on Python



**“Success is built through discipline, patience, and determination.”**



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**Thank You**

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