



# Magazine

July – September 2025



INSPERIA



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# “INSPERIA”



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LAKSHMI NARAIN COLLEGE OF TECHNOLOGY (MCA)

Bhopal



## LNCT GROUP OF COLLEGES

### FIFTEENTH 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 R&D Director of LNCT Group of Colleges

### Chief Patron

Shri. J.N. Chouksey

### Patrons

Ms. Poonam Chouksey  
Dr. Anupam Chouksey

### Director

#### Administration

Dr. Ashok Kumar Rai

### Director, LNCT-MCA

Prof. (Dr.) Sanjay Bajpai

### Chief Editor

Dr. Virendra Kumar  
Tiwari

### Editor

Dr. Neelu Singh

### Advisory Board

Prof. Dipanshu Jha  
Prof. Seema Joshi  
Dr. Neelu Singh

## The Power of Research and Innovation in Education

In today's rapidly changing world, education is no longer limited to textbooks and classrooms. True education lies in curiosity, exploration, and the desire to discover something new. Research and innovation play a vital role in shaping the future of students and society.

The Research and Development Department connects academic knowledge with practical application. It encourages students and faculty to think critically, ask meaningful questions, and find solutions to real-world problems while developing creativity, analytical thinking, and problem-solving skills.



**Dr. Abhineet Goyal**  
R&D Director  
LNCT Group of Colleges,  
Bhopal

**“Research is the journey that transforms curiosity into discovery.”**

At our institution, we strongly believe that every student has the potential to become an innovator. Through research projects, workshops, seminars, and collaborative activities, we aim to create an environment where ideas can grow and creativity can flourish. Students are encouraged to explore emerging fields, work with faculty mentors, and contribute to advancements in science, technology, and social development.

Innovation is the driving force behind progress. Many of the world's greatest discoveries started with simple ideas and a strong desire to learn. By promoting research culture within the campus, we prepare students to face global challenges and become responsible contributors to society.

The role of the R&D department is not only to guide research activities but also to inspire young minds to think beyond conventional boundaries. When students engage in research, they learn patience, persistence, and the value of continuous learning.

## Robotics and Automation in the Modern World

Robotics and automation are rapidly changing the way industries and societies operate. From manufacturing plants to smart homes, automated systems and intelligent robots are improving efficiency, accuracy, and productivity. In industries such as automotive manufacturing, robots assemble complex components with precision and speed, reducing errors and increasing output. In daily life, automation is present in technologies like smart assistants, automated banking systems, and intelligent home appliances. The integration of robotics with advanced technologies such as artificial intelligence and machine learning is opening new possibilities for innovation and technological growth.



**Prof. (Mr.) Dev Chouhan**  
Assistant Professor  
LNCT (MCA), Bhopal

### Expanding Applications Across Industries

The influence of robotics and automation is expanding across various sectors. In healthcare, robotic systems assist doctors in performing delicate surgeries with high precision, while automated diagnostic tools help analyze medical data quickly. In agriculture, smart machines and automated irrigation systems improve crop management and increase productivity. Similarly, in logistics and transportation, automated warehouses and delivery systems are streamlining operations and reducing human effort. These advancements demonstrate how robotics and automation are becoming essential components of modern technological infrastructure.

### Challenges and Ethical Considerations

While robotics and automation bring numerous benefits, they also present certain challenges. One of the major concerns is the potential impact on employment as machines replace repetitive human tasks. Additionally, issues related to data security, privacy, and ethical decision-making in intelligent systems must be carefully addressed. Ensuring that automation is implemented responsibly and ethically is essential to maintain a balance between technological progress and societal well-being.

### The Role of Education and Skill Development

As robotics and automation continue to evolve, education and skill development become increasingly important. Educational institutions must prepare students with knowledge in programming, artificial intelligence, robotics engineering, and data analysis. Practical training, research opportunities, and industry collaborations can help students develop the expertise required to work with advanced technologies. By equipping young minds with these skills, institutions can help create a workforce capable of driving innovation and shaping the future of technology.

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

## Blockchain Technology and Its Future Potential

Blockchain is a secure, transparent digital system that records data in linked blocks. Originally used for Bitcoin, its applications now extend beyond digital currencies. As a decentralized ledger distributed across multiple computers, it ensures data security, trust, and efficiency in transactions and information management.

The future potential of blockchain technology is vast as many industries are adopting it. Sectors like finance, healthcare, and supply chain management use blockchain to improve security and transparency. With innovations like smart contracts on platforms such as Ethereum, blockchain is expected to play an important role in building secure and efficient digital systems.

Technology and innovation together create an environment where students can transform ideas into reality. With the support of dedicated educators, collaborative learning platforms, and industry interaction, young learners can become future leaders who drive technological advancement and digital transformation.



**Prof. (Mrs.) Karuna Vishwakarma**  
Assistant Professor  
LNCT (MCA), Bhopal

### Future Potential of Blockchain

The future of blockchain technology is promising as more industries adopt it for secure and efficient systems.

- **Improved Digital Security:** Stronger protection against cyber threats.
- **Growth of Decentralized Applications (DApps):** Applications that run on blockchain networks instead of centralized servers.
- **Integration with Emerging Technologies:** Combining blockchain with Artificial Intelligence, Internet of Things (IoT), and big data.
- **Global Financial Inclusion:** Providing financial services to people without access to traditional banking systems.



## छात्र जीवन में अनुशासन और समय प्रबंधन

छात्र जीवन व्यक्ति के भविष्य की नींव तैयार करने का सबसे महत्वपूर्ण समय होता है। इस अवधि में अनुशासन और समय प्रबंधन का विशेष महत्व होता है। अनुशासन हमें सही दिशा में चलना सिखाता है, जबकि समय प्रबंधन हमें अपने कार्यों को व्यवस्थित ढंग से पूरा करने की क्षमता प्रदान करता है। यदि छात्र इन दोनों गुणों को अपने जीवन में अपनाते हैं, तो वे न केवल अपनी पढ़ाई में सफल होते हैं, बल्कि अपने व्यक्तिगत और व्यावसायिक जीवन में भी आगे बढ़ते हैं।



Miss Ayushi Soni  
Student  
LNCT (MCA), BHOPAL

अनुशासन का अर्थ है नियमों का पालन करना और अपने कर्तव्यों को ईमानदारी से निभाना। एक अनुशासित छात्र अपने अध्ययन, व्यवहार और दिनचर्या में संतुलन बनाए रखता है। वह नियमित रूप से पढ़ाई करता है, समय पर अपने कार्य पूरे करता है और अपने लक्ष्यों के प्रति समर्पित रहता है। अनुशासन से छात्रों में आत्म-नियंत्रण, जिम्मेदारी और सकारात्मक सोच का विकास होता है, जो उनके व्यक्तित्व को मजबूत बनाता है।

### “अनुशासन सफलता की कुंजी है और समय प्रबंधन उसका सही मार्ग।”

अनुशासन का अर्थ है नियमों का पालन करना और अपने कर्तव्यों को ईमानदारी से निभाना। एक अनुशासित छात्र अपने अध्ययन, व्यवहार और दिनचर्या में संतुलन बनाए रखता है। वह नियमित रूप से पढ़ाई करता है, समय पर अपने कार्य पूरे करता है और अपने लक्ष्यों के प्रति समर्पित रहता है। अनुशासन से छात्रों में आत्म-नियंत्रण, जिम्मेदारी और सकारात्मक सोच का विकास होता है, जो उनके व्यक्तित्व को मजबूत बनाता है।

समय प्रबंधन भी छात्र जीवन का एक महत्वपूर्ण पहलू है। आज के समय में छात्रों के पास पढ़ाई के साथ-साथ कई अन्य गतिविधियाँ होती हैं, जैसे प्रोजेक्ट, असाइनमेंट, प्रतियोगिताएँ और व्यक्तिगत रुचियाँ। ऐसे में समय का सही उपयोग करना बहुत जरूरी हो जाता है। एक अच्छा समय प्रबंधन छात्रों को अपने सभी कार्य समय पर पूरा करने में मदद करता है और तनाव को कम करता है। इसके लिए छात्रों को अपनी दिनचर्या बनानी चाहिए, प्राथमिकताओं को तय करना चाहिए और समय का सही विभाजन करना चाहिए।

अनुशासन और समय प्रबंधन एक-दूसरे के पूरक हैं। बिना अनुशासन के समय प्रबंधन संभव नहीं है, और बिना समय प्रबंधन के अनुशासन अधूरा रहता है। जब छात्र इन दोनों को अपने जीवन में अपनाते हैं, तो वे अधिक आत्मविश्वासी और संगठित बनते हैं। यह गुण उन्हें अपने लक्ष्यों को प्राप्त करने में मदद करते हैं और उन्हें सफलता के मार्ग पर आगे बढ़ाते हैं।

## Industry Visit to IT Park, Bhopal

Students visited IT Park, Bhopal. Coordinators Mr. Ripusoodan Sharma and Ms. Swagatika Lenka. Dt.: 23-07-2025.



**LNCT UNIVERSITY BHOHAL** INSTITUTIONS INNOVATION COUNCIL **nirf** 1<sup>st</sup> TOP EducationPost 1<sup>st</sup> TOP EducationPost 3<sup>rd</sup> TOP Outlook

**Lakshmi Narain College of Technology (MCA), BHOHAL**  
**Computer Application**

ORGANIZING

**Visit to INDUSTRIAL IT PARK, BHOHAL**

23 JULY 2025

Director: Dr. Sanjay Bajpai | BCA Head: Dr. Alka Gulati

Coordinators: Prof. Ripusoodan Sharma, Prof. Swagatika Lenka

Time: 11:00 AM | DATE: 23 JULY 2025  
 Venue: IT PARK, BHOHAL

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“Great things take time and patience.”

## Anti Ragging Day

Anti Ragging Day observed on 13-08-2025.

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**Lakshmi Narain College of Technology (MCA), BHOPAL**  
**COMPUTER APPLICATION**  
ORGANIZING  
**NATIONAL Anti-Ragging WEEK**

- 1. Slogan Competition on National Anti-Ragging-12 August
- 2. Poster Competition on National Anti-Ragging-13 August
- 3. Street Theatre & Rangoli Competition on National Anti-Ragging-18 August

Director: Dr. Sanjay Bajpai | HOD: Dr. Alka Gulati, Dr. Kavita Kanathey  
Coordinators: Prof. Deepchikha Arya, Prof. Karuna Vishwakarma  
Co-coordinators: Arpan Kumar, Riddhi Singh, Divyanshu

Time: 02.00PM – 03.30PM | Date: 13/08/2025 | Venue: LNCT MCA

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“A positive mind creates a powerful life.”

## Quiz in C, Crack the Code

Quiz in C, Crack the Code, is conducted to prepare the MCA students for the placements. Prof. Ashish Jain and Dr. Virendra Kumar Tiwari coordinated the event. Dt.: 12-09-2025.

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INSTITUTION'S INNOVATION COUNCIL

NBA ACCREDITED COLLEGE

NO. 1 THE WEEK BY INDIA TODAY Outlook

**Lakshmi Narain College of Technology [MCA]**

ORGANIZING

**Crack The 'C' Code**  
 Date: 12-09-2025, Friday

12 SEPTEMBER 2025

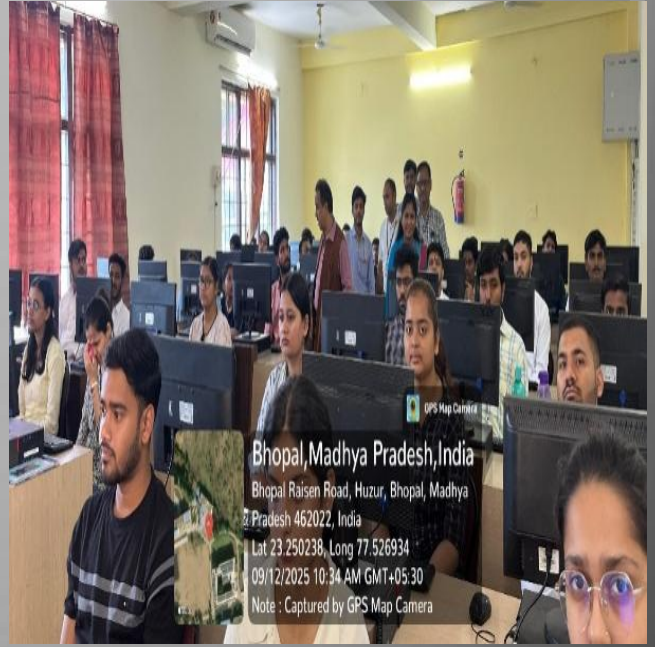
Director: Dr. Sanjay Bajpai  
 HOD: Dr. Jayanti Mehra

Coordinators: Prof. Ashish Jain, Dr. Virendra K. Tiwari

Student Coordinators: Raunak Kumar, Ruchi Tiwari

Time: 10:30 AM | Venue: Room No. 007 Lab, Ramnath Guha Block (MCA Department)

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

## Workshop on Smart Office Skills Enhancing Data Management

One day workshop conducted in MCA on " Smart Office Skills Enhancing Data Management" by Dr. Anuj Hundet, Head Physics & Electronics Deptt., IEHE, Bhopal. Organized and coordinated by Prof. Pramod Saket. Dt. 15-09-2025.

**Lakshmi Narain College of (MCA), BHOPAL**  
Department of Computer Applications

**ORGANIZING WORKSHOP on Smart Office Skills Enhancing Data Management**

**Speaker:**  
Dr Anuj Hundet  
Head of Physics & Electronics Department, Institute for Excellence in Higher Education (IEHE), Bhopal (M.P.)

15 TOP

Dr Sanjay Bajpai: Director LNCT (MCA) / Organizing Secretary: Prof Pramod Kumar Saket  
Dr. Alka Gulati: Head (BCA) / Feadly Ceseletrators: Dr Virendra Kumar Tiwari, Prof Rohit Singh

Time: 01:30AM - 03:30AM Date: 15/09/2025  
Venue: S-21 Jagdish Chandra Bose Block (LNCTS)

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“Great minds grow through constant learning.”

## Workshop on Image Processing and Machine Learning with Live Projects

Two days workshop conducted in MCA on "Image Processing and Machine Learning with live Projects" by Mr. Prateek Mishra, Tech Lead at Virtusa, Bhopal. Organized and coordinated by Dr. Kavita Kanathey. Dt. 15& 16 September, 2025.



**LNCT UNIVERSITY BHOPAL** | **INSTITUTION'S INNOVATION COUNCIL** | **nirf** | **1** | **3**

**LAKSHMI NARAIN COLLEGE OF TECHNOLOGY (MCA) BHOPAL**  
Department of Computer Application

ORGANIZING

**Workshop**

Image processing and machine learning with live projects

Speaker:  
**Mr. Prateek Mishra**  
Tech Lead at Virtusa

15 & 16 SEPS

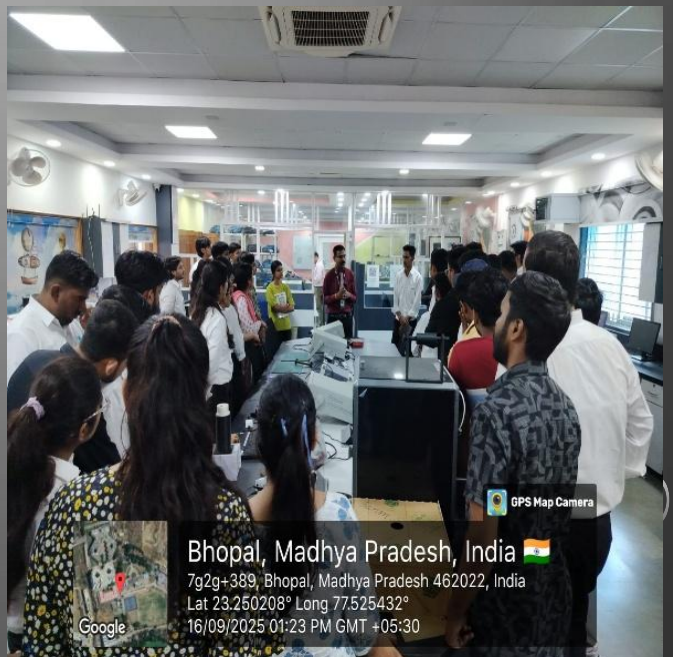
Director: Dr. Sanjay Bajpai  
HoD: Dr. Alka Gulati (BCA),  
Dr. Kavita Kanathey (MCA)  
Faculty Coordinators:  
Dr. Swaptika Lenka  
Prof. Dipanshu Jha  
Student Coordinators: Riddhi Singh

Dates: 15<sup>th</sup> and 16<sup>th</sup> September 2025 | Time: 1:00 to 03:30 PM  
Venue: Lab 003, Ramnath Guha Block



## Students visited Drone Lab in LNCT campus

MCA students visited Drone Lab in LNCT campus for skills enhancement. Coordinator Dr. Virendra Kumar Tiwari. Dt. 16-09-2025.



**“Learning never stops for those who want to grow”**

## Expert Lecture on Machine Learning Algorithms and Applications

Expert Lecture conducted on Machine Learning Algorithms and Applications. Speaker Dr. Ghanshyam Singh Thakur, Associate Professor, MANIT Bhopal. Coordinator Dr. Jayanti Mehara. Dt.: 19-09-2025.

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INSTITUTION'S INNOVATION COUNCIL  
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Lakshmi Narain College of Technology (MCA) BHOPAL

ORGANIZING

### Expert Lecture on

#### Fundamentals of Machine Learning Algorithms and Application

Speaker:  
**Dr. Ghanshyam Singh Thakur**  
Associate Professor (MANIT), Bhopal

19 SEP 2025

Director: Dr. Sanjay Bajpal | HOD/Organizing Secretary - Dr. Jayanti Mehra  
Faculty Coordinators: Prof. Ashish Jain, Prof. Dev Kumar Chauhan

Time: 02:40PM – 04:00PM | Date: 19/09/2025  
Venue: S-21 Jagdish Chandra Bose Block (LNCTS)

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“Keep chasing your dreams until they become reality”



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"WORKING TOWARDS BEING THE BEST"



*Thank You*

Lakshmi Narain College of Technology-MCA