

LAKSHMI NARAIN COLLEGE OF TECHNOLOGY, BHOPAL

Department of Computer Science and Engineering

Newsletter BITS & BYTES

JAN-JUNE 2026



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Shri Jai Narayan Chouksey

Chancellor of LNCT University &
Chairman of LNCT Group

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Vice Chairperson, LNCT Group &
Chancellor of LNCT, Vidhyapeeth University

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Chancellor JNCT Professional University,
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Executive Director, LNCT Group of Colleges,
Pro Chancellor LNCT Vidhyapeeth University

Smt. Pooja Shree Chouksey

Executive Director, LNCT Group
Pro-Chancellor, JNCT Professional University

Dr. V.K. Sahu

Principal LNCT

Dr. Ashok Kumar Rai

Director Administration
LNCT Group

**Dr. Vivek
Richhariya**

HOD CSE

EDITORIAL TEAM

Dr. Huma Gupta

Dr. Sourabh Singh

Akarsh Gupta
CSE II Year

Aditya Tiwari
CSE II Year

DEPARTMENT VISION & MISSION

Vision:

To produce competent computer manpower to cater the need of technical challenges in industry, research and academics, with the sense of service to the humanity and the nation.

Mission Statements:

- 1.** To provide high-quality educational facilities and a conducive learning environment that support effective teaching-learning processes and enable Computer Science and Engineering students to build successful and sustainable careers.
- 2.** To foster an intellectually stimulating and research-oriented environment that strengthens core competencies and promotes innovation in the field of Computer Science and Engineering.
- 3.** To organize conferences, seminars, workshops, and hands-on training programs for students, faculty, and staff on emerging technologies and contemporary developments in Computer Science and Engineering, enabling them to meet current industry requirements.
- 4.** To nurture self-motivated and responsible professionals by instilling ethical values, moral integrity, and a sense of social responsibility among students.

BASANT PANCHAMI CELEBRATION

The **Department of CSE**, Lakshmi Narain College of Technology (LNCT), Bhopal, successfully organized the Basant Panchami Celebration with Saraswati Pooja on **23 January 2026**. The event was conducted to seek divine blessings of Goddess Saraswati, symbolizing knowledge, wisdom, learning, and academic excellence.

The celebration reflected LNCT's commitment to nurturing a holistic academic environment that blends technical education with cultural and spiritual values. The event was graced by the esteemed presence of the Principal, LNCT, **Dr. V. K. Sahu**, whose encouragement and guidance added significance to the celebration.



**LAKSHMI NARAIN COLLEGE
OF TECHNOLOGY, BHOPAL**
Department of CSE
— celebrating —

**Basant
Panchami**
With **Saraswati Pooja**
Seeking
Blessings for
Knowledge, wisdom, and
ACADEMIC EXCELLENCE
Date: **23/01/26**



**23
JANUARY
2026**

HOD:
• **Dr. Vivek Richhariya**
(Dept. of CSE)

Coordinators:
Dr. Huma Gupta (9098502329) | Dr. Nikita Shivhare (6267525175)
Dr. Devashri Deodhar (9425176609) | Dr. Poonam Choudhary (9693311098)

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EXPERT TALK ON “IMPACT OF AI”

The **Department of CSE** under the Institution's Innovation Council (IIC), LNCT Bhopal, successfully organized an Expert Talk on **“Impact of AI”** on **31st January 2026** as part of the HEI Pre-Summit Engagement towards India AI Impact Summit 2026, an initiative aligned with the Ministry of Education's Innovation Cell (MIC).

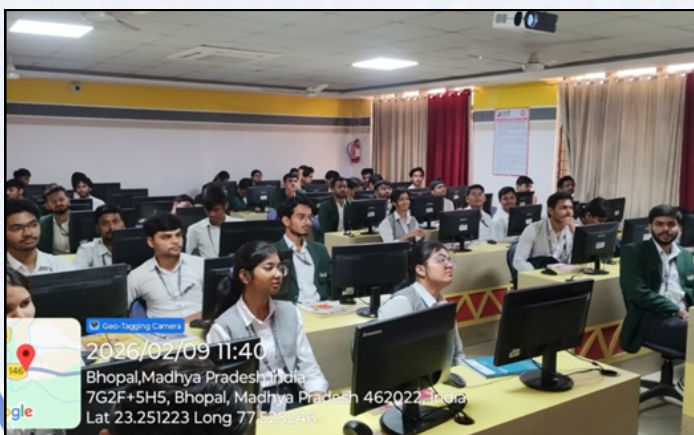
The session was delivered by **Mr. Ashish Das**, a Skill India (NSDC) Certified Trainer and Founder of Alacademy, Bhopal. The expert shared valuable insights on the evolution of Artificial Intelligence, its applications across sectors such as education, healthcare, business, governance, and startups, and how AI can contribute significantly to building a self-reliant India.



EXPERT TALK & ALUMNI INTERACTION

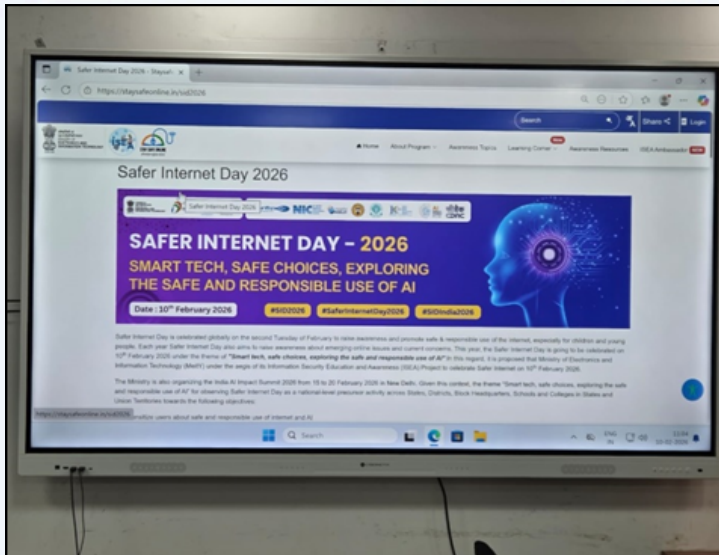
The **Departments of CSE** at Lakshmi Narain College of Technology, Bhopal organized an Expert Talk & Alumni Interaction on **09 February 2026**.

The session was delivered by **Atharva Sakalley**, Senior Data Scientist at Fractal Analytics, who shared insights on real-world applications of Data Science, AI, and industry expectations. He emphasized skill development, practical learning, and career readiness, making the session highly informative and motivating for students.



WORKSHOP ON SAFER INTERNET DAY 2026

The **Department of CSE**, Lakshmi Narain College of Technology (LNCT), Bhopal, successfully organized a workshop on **Safer Internet Day 2026** on **10th February 2026**, in alignment with the global initiative observed annually on the second Tuesday of February. The workshop under the theme “**Smart Tech, Safe Choices – Exploring the Safe and Responsible Use of AI**”.



EXPERT LECTURE ON CYBER SECURITY & EMF AWARENESS

The **Sanchar Mitra Club** of Lakshmi Narain College of Technology successfully organized a one-day expert lecture on “**Cyber Fraud Prevention, Cyber Security, and EMF Awareness**” on **19th February 2026** under the guidance of the **Department of Telecommunications (DoT)**. The session was delivered by distinguished DoT experts, including **Mr. Ramji Tiwari** (Addl. DGT, MPLSA), **Mr. Nilesh Shrivastava** (Director Technology), **Mr. Rahul Jain** (ADG Security), **Mr. Shubham Yadav** (ADET Compliance), and **Ms. Rashmi Karandikar** (Assistant Director, DoT).



INDUSTRIAL VISIT TO IISER BHOPAL

On **19 June 2026**, the **Department of CSE** organized an Industrial Visit to the **Indian Institute of Science Education and Research (IISER), Bhopal**. The visit provided students with valuable exposure to advanced research facilities, modern laboratories, and emerging scientific innovations, fostering experiential learning and strengthening the link between academic knowledge and real-world applications.



PROJECT AWARDS CEREMONY

The **Department of Computer Science & Engineering** extends heartfelt congratulations to our **VII Semester** students for earning accolades for their outstanding project work. Your innovation, technical excellence, and dedication have demonstrated the true spirit of learning beyond the classroom.



AI SUMMIT

The **Department of CSE** at Lakshmi Narain College of Technology (LNCT), Bhopal, in collaboration with **The ENIGMA Club**, successfully organized an **AI Summit** on **2nd May 2026**. The event featured a highly engaging **Expert Session (Phase I)** on the topic “**How AI Thinks and Learns: Foundations and Applications in Remote Sensing and Data Analysis**”, delivered by **Dr. Dharendra Pratap Singh**, Associate Professor, Department of CSE, MANIT Bhopal. The session provided valuable insights into the fundamentals of artificial intelligence and its real-world applications.



LAKSHMI NARAIN COLLEGE OF TECHNOLOGY, BHOPAL
Department of CSE
&
The ENIGMA Club
organizing
AI SUMMIT

Phase I
Expert Session
Title: "How AI Thinks and Learns: Foundations and Applications in Remote Sensing and Data Analysis"
2nd May 2026 - Time: 10:00 AM to 11:30 AM

Expert
Dr. Dharendra Pratap Singh
Associate Professor,
Department of CSE
MANIT, Bhopal

Phase II - 2nd May 2026
• Prompt Writing Workshop
• Products showcase by Start-Ups
• AI in Stock Market
• ROBOT Showcase
• Hackathon Winner Interaction
• 15 min Mini Building Workshop

02 MAY 2026

Organizer: Dr. Vivek Richhariya
Faculty Coordinator: Dr. Shalendra Singh | Prof. Adarsh Raushan
Student Coordinator: Priyanshu Lohani | Manas Raj

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INTELLIQUESTAI AI QUIZ

The **Department of Computer Science & Engineering** in association with **Quiz Club, LNCT** organized “**IntelliQuestAI (AI Quiz)**” on the occasion of **National Technology Day**.

The event aimed to enhance awareness and knowledge among students regarding Artificial Intelligence, Machine Learning, emerging technologies, and recent technological advancements. The quiz competition encouraged students to explore AI concepts, improve analytical thinking, and promote healthy academic competition.



LAKSHMI NARAIN COLLEGE OF TECHNOLOGY, BHOPAL
Department of CSE
&
Quiz Club, LNCT
Invites you to Participate in

IntelliQuestAI
(AI Quiz) On
National Technology Day
(11 May 2026)

08 TO 11 MAY 2026

TIMELINES
Date of Registration: 8th May 2026
Date of Material Distribution: 8th May 2026
Date of Quiz First Round (Online): 10th May 2026
Date of Result Declaration First Round: 10th May 2026
Date of Quiz Final Round (Pen & Paper Mode): 11th May 2026

Organizer
Dr. Vivek Richhariya
Faculty Coordinator
Dr. Shalendra Singh | Prof. Adarsh Raushan

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Faculty Achievement

We congratulate our eminent faculty members on the publication of their research papers in reputed journals, books in renowned publishing houses, and patents.

Research Project Grant

Heartiest Congratulations to Our Esteemed Faculty!

Lakshmi Narain College of Technology, Bhopal, proudly congratulates **Dr. Vineet Richhariya (Principal Investigator)** and **Dr. Puneet Nema (Co-Principal Investigator)** on the successful sanctioning of a prestigious research project by the **Madhya Pradesh Council of Science & Technology (MPCST), Bhopal**.

Research Project: *“Cardiovascular Disease Risk Based Assessment Considering Lifestyle and Demographics Factor in Indian”*

 **Grant Amount:** ₹6.32 Lakhs



Faculty Achievement

Lakshmi Narain College of Technology
Department of Computer Science & Engineering

Congratulations



Dr. Vineet Richhariya
Principal Investigator

Dr. Puneet Nema
Co-Principal Investigator

Prestigious research project has been sanctioned by the Madhya Pradesh Council for Science & Technology (MPCST), Bhopal.

Research Project
“Cardiovascular Disease Risk Based Assessment Considering Lifestyle and Demographics Factor in India”

Grant Amount: ₹6.32 Lakhs | Project Duration: 2 Years

This remarkable achievement reflects LNCT Group's commitment to innovation, impactful research, and academic excellence.

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Research Publication



- **Dr. Sushil Kumar** “Air Pollution Forecasting Using a Deep Learning Model Based LSTM-GRU” 2026, 2025 IEEE 1st International Conference on Smart Innovations in Systems, Infrastructure, Mechanical, Power, AI and Computing Technologies (SISIMPACT), DOI: 10.1109/SISIMPACT67725.2025.11439078.
- **Poonam Mishra** “Analysis of Route Prediction Approach for Measure Reliability Impact in Mobile Ad hoc Networks” 2026, 2025 IEEE 5th International conference on ICT in Business Industry & Government (ICTBIG), 10.1109/ICTBIG68706.2025.11323266.
- **Mahesh Malviya** “Patch Antenna Design for Physical Layer Security in 5G Millimeter-Wave Communication System” 2026, 2025 in IEEE International Conference on MULTIDISCIPLINARY INNOVATIONS FOR SMART & SUSTAINABLE FUTURE (MISSF 2026).
- **Mahesh Malviya** “Ace Millimeter Wave Antennas for Long-Range Low-Power IoT Networks in 5G Communication” 2026, 6th International Conference on Advancement ICANCT-2026 in Nano - Electronics & Communication Technologies.
- **Dr. Aakriti Jain** “Study on Brain Tumor Detection and classification using Machine Learningwith SIFT”. Journal of Chemical Health Risks. ISSN 2251-6727.

Design Patent/Utility Patent/ Copyright Jan-June 2026

S.No	Faculty Members	Title	Number
1	Dr. Pravin Kumar Malviya	Innovations in Agriculture and Rural Development: Sustainable Farming Systems and Agricultural Management	LD-10306/2026-CO
3	Prof.Bhuvnesh Singh Yadav	Portable Device For Dynamic Vulnerability Analysis: A Compact Solution for Proactive Information Security Management	202521056432 A
5	Dr. Pravin Kumar Malviya Susheel Kumar Gupta Dr. Vivek Richhariya	ADAPTIVE IOT EDGE DEVICE EMPLOYING LOCAL MACHINE LEARNING MODELS FOR PREDICTIVE EQUIPMENT DIAGNOSTICS	202521133900 A

NPTEL Certifications: Jan-June 2026

S.No	Faculty Name	Title	Result
1	DR. ANJU SINGH	NEURAL NETWORK FOR COMPUTER VISION AND NATURAL LANGUAGE PROCESSING	94%
2	Prof. Hitesh Gupta	Fundamental Algorithms: Design and Analysis	86%
3	Dr. Huma Gupta	Data Mining	75%
4	Prof. Adarsh Raushan	Qualitative Research Methods and Research Writing	70%
5	Dr. Sourabh Singh	Blockchain and its Applications	80%
6	Prof.Susheel Kumar Gupta	Real Time Operating System	72%
7	ADARSH RAUSHAN	Introduction to Internet of Things	80%
8	Dr. Poonam Choudhari	Introduction to Large Language Models	76%
9	Susheel Kumar Gupta	Edge Computing	85
10	Prof.Susheel Kumar Gupta	Wireless Ad Hoc and Sensor Networks	78
11	Prof.Susheel Kumar Gupta	Software Testing	75
12	Dr. Poonam Choudhari	Foundation of Deep Learning	77%
13	Dr. Priyanka Asthana	Data Mining	76%
14	DR.ANJU SINGH	BLOCKCHAIN AND ITS APPLICATIONS	69
15	Dr. Subodhini Gupta	Python for Data Science	65%
16	DR. ANU SINGH	FOUNDATION OF DEEP LEARNING CONCEPTS AND APLPLICATIONS	75%
17	Prof.Sapna Lonare	python for data science	67%
18	Prof. Sapna Lonare	neural network for computer vision and natural language processing	82%
19	Dr. Subodhini Gupta	Industrial IoT	87%

STUDENT'S ACHIEVEMENT Jan-June-2026

GATE Qualified

We are excited to announce that our dedicated students have Qualified the GATE 2026 (National Level Exam) in the Computer Science Stream held on Feb-2026.

This exam is primarily used for admission to postgraduate programs (M.Tech, PhD) at top institutes like IITs/IISc.



Academic Excellence

Heartiest Congratulations to all the CSE VIII Semester Toppers (Batch 2022-26)!

Your exceptional academic performance reflects your hard work, dedication, and perseverance. Wishing you continued success as you achieve even greater milestones in your academic and professional journey. Keep inspiring others with your excellence!



Tech Achievers



DeepTech Venture Exhibition

The Department of CSE Lakshmi Narain College of Technology (LNCT), Bhopal, proudly showcased innovative student projects at the DeepTech Venture Exhibition. Students presented their cutting-edge solutions in emerging technologies, demonstrating their technical expertise, creativity, and entrepreneurial mindset.

The exhibition provided an excellent platform for interaction with faculty members, industry experts, and innovators, encouraging students to transform their ideas into real-world applications and startup opportunities. The event reflected LNCT's commitment to fostering innovation, research, and technology-driven learning among future engineers.



Women in Software Engineering) Hackathon 2026

We are proud to congratulate **Ms. Aana Pandey** for her outstanding achievement at the **Texas Instruments WiSE (Women in Software Engineering) Hackathon 2026**. She secured a place among the **Top 5 nationwide** after progressing from **13,000+** applicants to the National Finals, where she presented **Syntra**, an **AI-powered Predictive Digital Twin** platform. In recognition of her technical excellence, innovative solution architecture, and presentation skills, she received a **Special Recognition Award** from Texas Instruments India.



BGI Hackathon 2026

Congratulations to **Team ADAPTrix—Pranay Borgaonkar (Team Leader), Deep Sandilya, Atharv Tambe, Anurag Baghel, and Twisha Shrivastava—** for securing the **Runner-Up** position at **BGI Hackathon 2026**. Competing under the theme **“Mobile & Next-Gen App Innovation,”** the team developed an innovative solution for **Digital Minimalism & Screen Time Optimization** to help users reduce digital distractions and promote mindful smartphone usage. Their creativity, teamwork, and technical excellence earned them this remarkable achievement.



NIDAR 2026

Congratulations to our proud achievers, **Skand Varma and Sunney Kumar (CSE, LNCT)**, on securing the **Second Position** at **NIDAR 2026**! Under the mentorship of **Dr. Vivek Richhariya**, they won a **cash prize of ₹4,00,000** at the prestigious **National Innovation Challenge for Drone Application & Research** held at **Gautam Buddha University, Greater Noida**. Their remarkable achievement showcases innovation, technical excellence, and the spirit of solving real-world challenges through cutting-edge drone technology. Wishing them continued success in all their future endeavors! 🏆



Proud Moment for LNCT – Indian Navy Selection

The Department of CSE LNCT Bhopal, proudly congratulates **Mr. Yash Vashisthi (8th Semester)** on his selection in the **Indian Navy** for the prestigious **SSC Logistics Cadre (Executive Branch)**. His remarkable achievement reflects dedication, discipline, and perseverance, bringing immense pride to the institution and inspiring fellow students to strive for excellence in serving the nation.

Student Enrichment Through Co-Curricular Activities

- It gives us immense pleasure and pride to congratulate all the students who have successfully completed and earned **Springboard, Cisco, and NPTEL** certifications. Your remarkable achievement is a reflection of your dedication, perseverance, and commitment to continuous learning and professional development.
- Heartiest congratulations to our talented CSE students – **Sarvagya Singhal, Riya Palod, and Riya Bansod!** 🎉 They brought laurels to LNCT by securing **First, Second, and Third positions**, respectively, in the **Yuva Sankalp Ideathon Competition** organized by the **NSS Unit of Keshav Mahavidyalaya, University of Delhi, Ekatritva 2026**. Their innovative ideas, creativity, and dedication reflect the spirit of excellence and innovation. Wishing them continued success in all their future endeavors!
- We are delighted to share that a book titled **“Explore the Rich Mindset”** has been published by our student **ShubhTamrakar, V Semester, Department of Computer Science and Engineering (CSE)**.
- **Abhay Sharma** Secured **2nd Position** in the **Basketball** event at **TECHFTZZ x PHARMAZEPHYR 2K26**, organized by Oriental Group of Institutes, held from **9th to 11th April 2026**. This achievement reflects dedication, teamwork, sportsmanship, and excellence in inter-college competition.
- **Akshat Lakhera**, participated in the **NSDC Certification Program in Machine Learning**.
- **Sejal Namdev**, participated in the **AWS Certification Program Solutions Architecture Job Simulation**.
- **Krishna Kumar and Krapansh Sahu**, participated and Completed the **HP Life Online Course Certification**.
- **Rahul Gupta and Sarthak**, participated and Completed the **TATA Online Course Certification**.
- **Rishitabodh Upadhyaya**, Completed the **TCS Ion Career Edge Young Professional Course**.
- **Rahul Gupta and Sarthak Jain**, participated and Completed the **Delloite Simulation Certification Course**.

Glimpses of Excellence

Inauguration of Intel® Unnati Artificial Intelligence Lab

This semester, the **Department of CSE-** marked a significant milestone with the establishment of the **Intel® Unnati Artificial Intelligence Lab** in collaboration with **Intel** and **EdGate Technologies**. The state-of-the-art facility is designed to provide students with hands-on experience in Artificial Intelligence, Machine Learning, Data Analytics, and emerging technologies. The lab will foster innovation, industry-oriented learning, and research, preparing students to meet the evolving demands of the technology sector.



Batch 2022-2026



LAKSHMI NARAIN COLLEGE OF TECHNOLOGY, BHOPAL
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

*Wishing you all the very best
for a bright and successful future!*
