



# LAKSHMI NARAIN COLLEGE OF TECHNOLOGY

## Bits & Bytes

*NEWSLETTER  
JAN-JUNE 2025*

*DEPARTMENT OF CSE*





**CHIEF PATRON**

**Shri J.N. Chouksey**

Chairman of LNCT group & Chancellor,  
LNCT University

**PATRON**



**Smt. Poonam Chouksey**

Vice-Chairperson LNCT group &  
Chancellor LNCT Vidhyapeeth  
University, Indore



**Dr. Anupam Chouksey**

Secretary LNCT group  
Chancellor-JNCT Professional  
University & Pro-Chancellor  
LNCT University



**Dr. Shweta Chouksey**

Executive Director-LNCT group  
& Pro-Chancellor LNCT  
Vidhyapeeth



**Smt. Poojashree Chouksey**

Executive Director-LNCT group  
& Pro-Chancellor  
JNCT-Professional University

**Principal LNCT**

Principal Dr.V.K Sahu

**Director Administration**

Dr. Ashok Kumar Rai

**HOD CSE**

Dr. Vivek Richhariya

**DEPARTMENT OF CSE**

**VISION OF THE DEPARTMENT:**

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.

**DEPARTMENT MISSION:**

- 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.
- To foster an intellectually stimulating and research-oriented environment that strengthens core competencies and promotes innovation in the field of Computer Science and Engineering.
- 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.
- To nurture self-motivated and responsible professionals by instilling ethical values, moral integrity, and a sense of social responsibility among students.

## **SHARAD PURINMA CELEBRATION**

The Department of Computer Science & Engineering at LNCT Bhopal celebrated Budha Purnima on 3<sup>rd</sup> February, 2025 with great enthusiasm, blending tradition, spirituality, and community spirit. The event began with a traditional lamp-lighting ceremony, followed by a welcome address from the Director Administration, Dr. Ashok Rai sir, who highlighted the cultural importance of Budha Purnima – a festival celebrating knowledge, purity, and inner light.

Students and faculty came together to seek blessings of Maa Saraswati. The event concluded with a prasad distribution and collective chanting session that added a deeply spiritual touch to the celebration.



# **EXPERT ON SOFTWARE DEVELOPMENT PROCESSES AND INDUSTRY READINESS**

The Department of CSE successfully conducted an Expert Talk Program on Software Development Processes and Industry Readiness on 12 February 2025. The expert is Kavya Malviya, data engineer at CRISI, a subsidiary of S&P Global.

Kavya Malviya, an alumna of Lakshmi Narain College of Technology, Bhopal, earned her bachelor's degree in computer science engineering in 2019.

She delivered on various aspects of a software developer's preparedness in terms of subject knowledge, programming skills, and soft skills. She also addressed various topics and fields, like front-end and back-end expertise-based subjects and domain knowledge.

The program was conducted successfully for 200+ 6th-semester LNCT CSE students as participants who were benefited by the same.



## **EXPERT TALK ON TINY ML**

The Department of CSE at Lakshmi Narain College of Technology (LNCT), Bhopal organized an enlightening Expert Talk on "Tiny ML based Deep Learning for Human Activity Recognition: An Edge Computing Approach" on February 19, 2025, at the Vikram Sarabhai Seminar Hall. The session featured Dr. Vijay Bhaskar Semwal, Assistant Professor, Department of CSE, MANIT Bhopal, as the esteemed resource person. Dr. Semwal delivered an insightful lecture highlighting how Tiny Machine Learning (Tiny ML) is revolutionizing real-time human activity recognition by leveraging the power of edge computing. He shared real-world applications and encouraged students to explore innovative solutions in the field.



# **FACULTY TRAINING PROGRAM ON CLOUD** **COMPUTING – JR. ANALYST**

The Department of CSE at Lakshmi Narain College of Technology (LNCT), Bhopal organized 10 days cloud computing training program in association with NISDC Skill India. This 10 days training program provided training in cloud computing technology with hands on where 20 members of our department certified Cloud Computing – Jr. Analyst Trainer certificate.



## **TALK ON WOMEN'S DAY**

The Department of CSE at Lakshmi Narain College of Technology, Bhopal celebrated International Women's Day 8 March 2025 by organizing a special Women's Health Talk on the topic "Women's Health, Hygiene & Happiness."

The session was conducted by Dr. Kriti Shrivastava, a renowned Gynecologist and Obstetrician from Marvel Hospital, who addressed

key issues related to women's health, personal hygiene, and overall well-being.

This initiative aimed to spread awareness, encourage open discussions, and empower women with vital knowledge for a healthier and happier life.

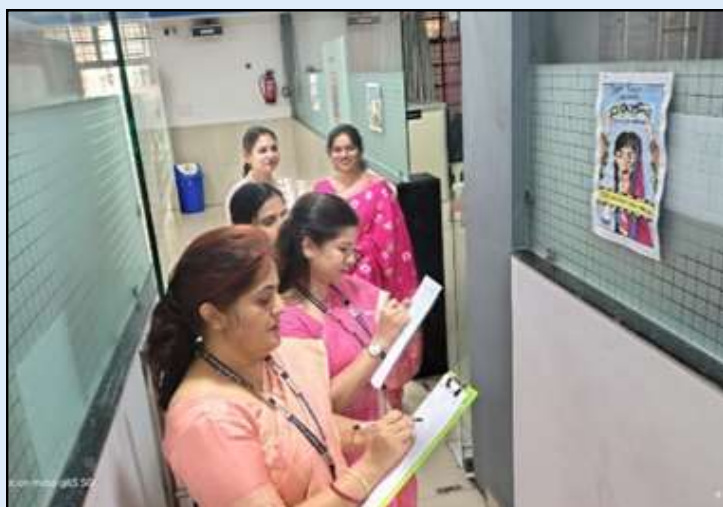


# POSTER MAKING ON THE OCCASION OF WOMEN'S DAY

The Department of CSE at Lakshmi Narain College of Technology, Bhopal organized a Poster Making Competition on the occasion of International Women's Day on Saturday, 8th March.

The competition focused on the theme "Say No to Child Marriage," encouraging students to express their views creatively and spread awareness about this critical social issue.

Faculty members coordinated the event, ensuring enthusiastic participation and thoughtful discussions among the students. The activity highlighted the importance of empowering young minds to stand against child marriage and support women's rights.



## **MAY: CODEVERSE CONTEST**

CodeVerse 2025 was a dynamic and engaging coding event conducted by TechVilla with LNUniverse on 3rd May 2025. The event brought together enthusiastic coders from across the campus for a day dedicated to learning, competition, and networking. The competition was designed with two rounds catering to participants of different skill levels. Both rounds provided an excellent opportunity for students to test their skills, learn new concepts, and interact with peers through collaborative problem-solving. The event saw enthusiastic participation from students across various departments. Participants appreciated the balance between challenge and accessibility, allowing both beginners and advanced coders to compete and learn effectively.



## **INNOVATION MEETS INSPIRATION!**

Here's a glimpse of the incredible talent and groundbreaking ideas showcased at the Project Expo under #LNUniverse

From prototypes to real-world solutions, our students proved once again that the future is in capable hands.



# **EXTEMPORE COMPETITION ON WORLD ENVIRONMENT DAY**

LNCT Bhopal's Department of CSE Celebrated World Environment Day with Extempore Competition

The Department of CSE at Lakshmi Narain College of Technology, Bhopal celebrated World Environment Day 2025 by organizing an Extempore Competition on environmentally mindful themes.

The event was held on 6th June 2025 at 1:00 p.m. in G01, Network Lab under the guidance of Dr. Vivek Richhariya, Head of the Department (CSE).

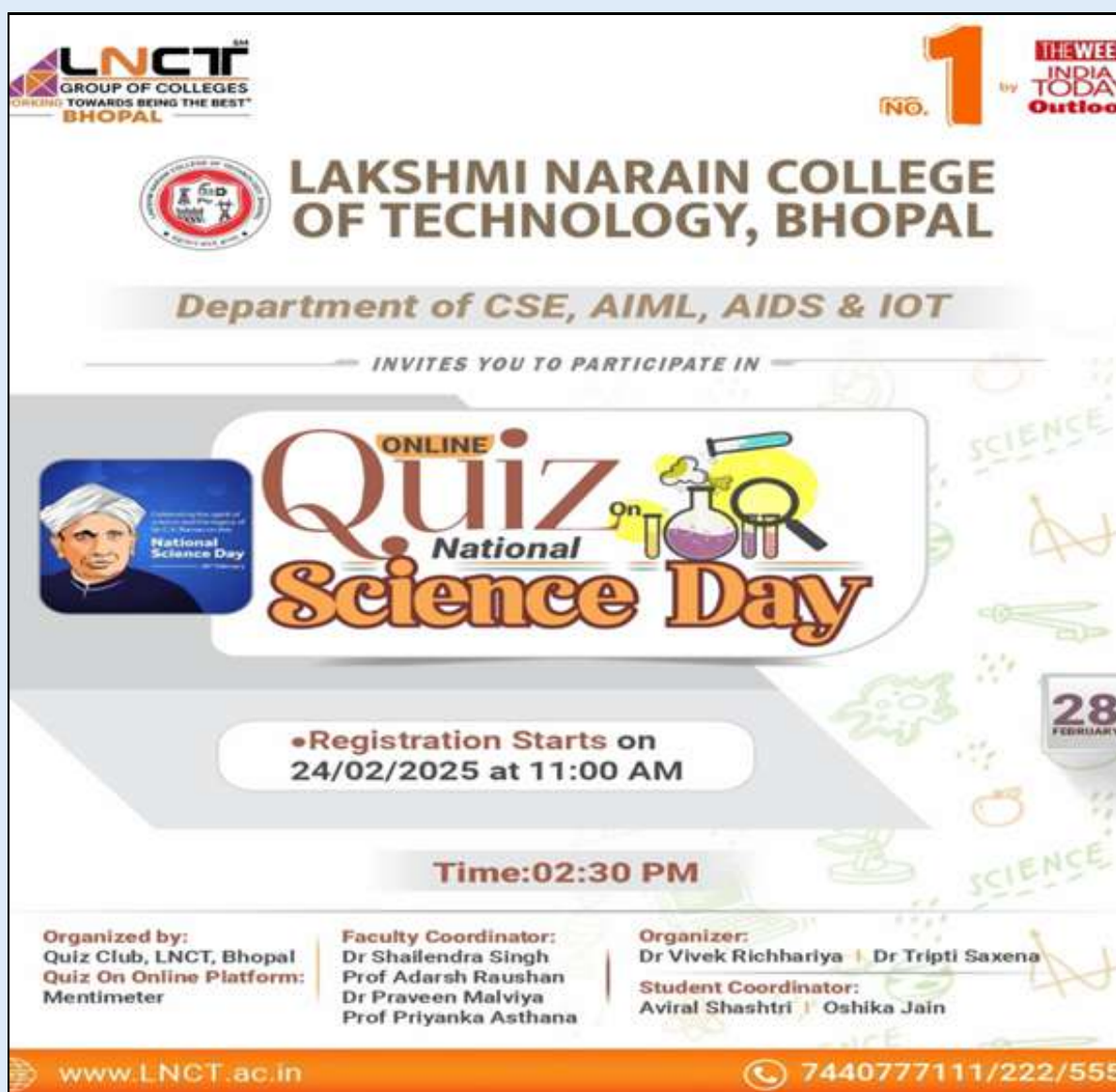
Students actively participated in the competition, sharing spontaneous thoughts and ideas to promote awareness about environmental conservation and sustainable living.

The initiative encouraged students to think critically about ecological issues and motivated them to take small but impactful steps toward protecting the environment.



## **NATIONAL SCIENCE DAY QUIZ!**

Department of CSE in collaboration with Quiz Club, LNCT is going to organize Quiz in celebration of NATIONAL DAY. Celebrate the spirit of science and innovation with us Date: 28 Feb 2025



The poster is for an online quiz celebrating National Science Day. It features the LNCT Bhopal logo at the top left and a 'No. 1 by THE WEEK INDIA TODAY Outlook' badge at the top right. The central text reads 'LAKSHMI NARAIN COLLEGE OF TECHNOLOGY, BHOPAL' and 'Department of CSE, AIML, AIDS & IOT INVITES YOU TO PARTICIPATE IN'. Below this is a large graphic for the 'ONLINE Quiz National Science Day' with a portrait of a man and scientific icons. A registration deadline of '24/02/2025 at 11:00 AM' is highlighted. The event time is '02:30 PM'. At the bottom, organizers and coordinators are listed, along with the website 'www.LNCT.ac.in' and a contact number '7440777111/222/555'.

**LNCT**<sup>SM</sup>  
GROUP OF COLLEGES  
"WORKING TOWARDS BEING THE BEST"  
BHOPAL

**NO. 1** by **THE WEEK INDIA TODAY Outlook**

**LAKSHMI NARAIN COLLEGE OF TECHNOLOGY, BHOPAL**

*Department of CSE, AIML, AIDS & IOT*

INVITES YOU TO PARTICIPATE IN

**ONLINE Quiz National Science Day**

•Registration Starts on  
24/02/2025 at 11:00 AM

**Time: 02:30 PM**

**Organized by:**  
Quiz Club, LNCT, Bhopal  
Quiz On Online Platform:  
Mentimeter

**Faculty Coordinator:**  
Dr Shailendra Singh  
Prof Adarsh Raushan  
Dr Praveen Malviya  
Prof Priyanka Asthana

**Organizer:**  
Dr Vivek Richhariya | Dr Tripti Saxena  
**Student Coordinator:**  
Aviral Shashtri | Oshika Jain

[www.LNCT.ac.in](http://www.LNCT.ac.in) 7440777111/222/555

# EXPERT LECTURE ON CYBERCRIME AND FORENSIC SCIENCE

LNCT College recently hosted an insightful workshop focusing on Cybercrime Prevention and Forensic Science, drawing attention from students and faculty alike. The event aimed to enhance awareness and understanding of the critical aspects of cybersecurity and forensic investigation. The workshop featured esteemed speakers, including Mr. Pradeep Mishra, Forensic Document Expert and Dy. SP (CID) at Police Headquarters, Bhopal, and Mr. Mahesh Shrivastava, Center Head, Certified



# **FACULTY ACHIEVEMENTS @ CSE** **DEPARTMENT**

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

## **Books/Book Chapters Publication**

- Dr. Sandeep Sahu, Dr. Anju Singh, and Dr. Pravin Malviya have successfully published a book on Operating System with Chedur Publishing House, Chennai.
- Dr. Devendra Singh Rathor has published a book chapter on Designing Chatbots for Educational Leadership with IGI Global.
- Dr. Pravin Malviya has published a book on Database Management System with Prime International Publication.
- Dr. Anju Singh and Dr. Pravin Malviya on Machine Learning with AASAN Publication.
- Dr. Priyanka Asthana on Predicting Academic Performance of students: NANN Approach with Wiley Publication
- Prof. Susheel Kumar Gupta on Healthcare: Impact of Artificial Intelligence with Jerry Chun-Wei Lin

# **FACULTY ACHIEVEMENTS @ CSE** **DEPARTMENT**

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

## **Research Publication**

- S. Suman, P. Malviya, S. Sahu, S. k. Dubey and J. Kumar, "Enhancing Dynamic Facial Authentication Through HCI," 2024 First International Conference on Data, Computation and Communication (ICDCC), Sehore, India, 2024, pp. 580-585, doi: 10.1109/ICDCC62744.2024.10961260.
- D. Kumar Rathore, P. Kawadkar, I. J. Rajput, S. Sahu, P. S. Tomar and J. Mishra, "Enhancing Heart Disease Prediction Accuracy Using Deep Learning Techniques," 2024 International Conference on Artificial Intelligence and Quantum Computation-Based Sensor Application (ICAIQSA), Nagpur, India, 2024, pp. 1-6, doi: 10.1109/ICAIQSA64000.2024.10882449.
- Amrita Khera, Susheel Kumar Gupta, Urwashi Sad, Sandeep Sahu, Hemant Choubey, "Fuzzy Set of Rules for Optimal Adaptive Selection of OFDM order And FFT Size for NB-IOT", Procedia Computer Science, Volume 260, 2025, Pages 839-846, ISSN 1877-0509.
- R. P. Singh, H. Barhaiva, S. Sahu, J. Kumar and D. S. Rathore, "A Review on Edge Computing: Security Considerations and Challenges," 2024 First International Conference on Data, Computation and Communication (ICDCC), Sehore, India, 2024, pp. 605-609.
- Priyanka Asthana: Published a paper titled "Review of Encryption-Decryption for Image Data Sharing in Clouds" in the International Journal of All Research Education and Scientific Methods (IJARESM), pages 1787-1791..
- .
- Dr Akriti Jain "An Investigation of Pima Indians Diabetes Database with Ensemble Approaches", accepted in IEEE International Conference on Engineering Innovations and Technologies (ICoEIT 2025), held at LNCT, Bhopal, India.
- Prof Priyanka Asthana "Feature selection of Student Academic Performance Data using Genetic Algorithm: An Empirical Study" Paper Presented in —International Conference on Expanding Horizons in Artificial Intelligence & Data Science (ICEHAIDS-2024)||

### Design Patent/Utility Patent

| S.No | Faculty Name                                                                                                                                   | Title                                                                                                                         | Date     |
|------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------|
| 1    | Dr. Sandeep Sahu, Prof. Hitesh Gupta, Dr. Puneet Nema, Dr. Devendra Rathore, and Dr. Pushpendra Singh Tomar                                    | System and Method for Optimizing AI Model Performance Using Meta-Learning                                                     | 27.06.25 |
| 2    | Dr. Deepak Singh Tomar, Dr. Devdas Saraswat, Prof. Sanjay kumat Gupta, Dr. Shatendra kumar Dubey, Prof Yakkala VenuGopal and Prof. Umesh Nayak | Mobile Ai Driven Computer Device For Secureoffline And Automated Data Analysis And Visualization Tasks In Field Of Enviroment | 04.07.25 |
| 3    | Dr.Huma Gupta, Dr. Subodhini Gupta, Ms.Devashri Deoskar ,and Dr. Sadhna K Mishra                                                               | Ai- Powered Real- Time Speech PlagiarismDetection System                                                                      | 04.07.25 |
| 4    | Dr. Pravin Kumar Malviya, Dr. Sandeep Saju, Dr. Deepak Kumar Rathore, Prof. Himanshu Barhaiya, Prof Neelesh Gour and Prof. Jitendra Kumar      | Computer Vision-Based Home Security System With Intelligent Intrusion Detection And Threat Analysis                           | 04.07.25 |
| 5    | Dr. Pushpendra Anuragi and Prof. Mohnish Patel                                                                                                 | Autonomous AI-Based Adaptive Cooling System for High-Performance Industrial Machines                                          | 25.04.25 |
| 6    | Dr. Pravin Kumar Malviya Dr. Prajeet Sharma, Bhuvnesh Singh Yadav, Dr. Pushpendra Anuragi, Jitendra Kumar, Dr. Saurabh Suman                   | Portable Devices For Dynamic Vulnerability Analysis: A Compact Solution For Proactive Information                             | 04.07.25 |

### NPTEL Certifications:

We congratulate Prof. Susheel Kumar Gupta, Department of Computer Science & Engineering, on his recognition as an NPTEL STAR and other faculty members for their excellent efforts.

| S.No | Faculty Name               | Title                                           |                 |
|------|----------------------------|-------------------------------------------------|-----------------|
| 1    | Prof. Susheel Kumar Gupta  | Introduction to Industry 4.0 and Industrial IoT | NPTEL STAR      |
| 2    | Dr. Huma Gupta             | Software Testing                                | Elite Certified |
| 3    | Dr. Huma Gupta             | Cloud Computing                                 | Elite Certified |
| 4    | Dr. Devendra Singh Rathore | Software Testing                                | Elite Certified |
| 5    | Dr. Subodhini Gupta        | Data Mining                                     | Elite Certified |
| 6    | Prof. Devshri Deoskar      | Data Mining                                     | Elite Certified |
| 7    | Prof. Mohnish Patel        | OOPM                                            | Elite Certified |
| 8    | Prof. Mohnish Patel        | IoT                                             | Elite Certified |
| 9    | Dr. Pushpendra Anuragi     | Machine Learning Using Python Programming       | Certified       |

### Faculty Development Program Participation

We are delighted to witness the tremendous participated of our faculty members is different FDP at different prestigious institutes.

| S.No | Faculty Name           | FDP Title                                                                                                                                                                                    | Organizing Body                        |
|------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| 1    | Bhuvnesh Singh Yadav   | Deep Learning and Computer Vision in the Field of Clinical Research                                                                                                                          | AICTE                                  |
| 2    | Devashri Deoskar       | Qualification Pack of Cloud Computing - Jr. Analyst (TEL/Q6215)                                                                                                                              | LNCT                                   |
| 3    | Devendra Singh Rathore | Generative AI, Democratization of AI, Responsible AI                                                                                                                                         | ATAL FDP                               |
| 4    | Diksha Rathore         | Blockchain & web3                                                                                                                                                                            | JNCT bhopal and Excelr EDtech pvt. Ltd |
| 5    | Dr Vivek Richhariya    | Generative AI , Democratization of AI                                                                                                                                                        | AICTE                                  |
| 6    | Dr. Aakriti Jain       | Quntum Computing<br><br>Inculcating Universal Human Values in Technical Educational<br><br>AI in Healthcare & Biomedical Imaging.                                                            | AICTE<br><br>AICTE<br><br>AICTE        |
| 7    | Dr. Kamlesh Namdev     | AICTE Training and Learning (ATAL) Academy                                                                                                                                                   | AICTE                                  |
| 8    | Dr. Pushpendra Anuragi | Deep Learning and Computer Vision in the Field of Clinical Research                                                                                                                          | AICTE                                  |
| 9    | Dr. Sadhna K. Mishra   | Intellectual Property Right<br><br>Human Values in Technical Education<br><br>Generative AI, Democratization of AI, Responsible AI<br><br>Developing Excellence in Research Oriented Writing | SIRT<br>AICTE<br>ATAL<br><br>SIRT      |
| 10   | Dr. Sushil Kumar       | Generative AI , Democratization of AI                                                                                                                                                        | AICTE                                  |
| 11   | Dr. Vivek Richhariya   | Workshop on Cloud Computing - Jr. Analyst (TEL/Q6215) - v2.0                                                                                                                                 | NSDC                                   |

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| S.No | Faculty Name        | FDP Title                                                                                                                                   | Organizing Body       |
|------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| 12   | Hitesh Gupta        | Generative AI, Democratization of AI, Responsible AI<br>Cloud Computing - Jr. Analyst<br>Developing excellence in research oriented writing | ATAL<br>NSDC<br>SIRT  |
| 13   | Huma Gupta          | NPTEL FDP<br>Cloud Computing - Jr. Analyst (TEL/Q6215)                                                                                      | AICTE<br>NSDC         |
| 14   | Tanushree Dholpuria | Research Methodology, Quantitative Techniques & Scientific Writing                                                                          | MANIT BHOPAL          |
| 15   | Insha Ali           | Empowering Research and Innovation through IPR,ICT and RM for academic excellence                                                           | SIRT                  |
| 16   | Jitendra Kumar      | Deep learning and computer vision in the field of clinical research                                                                         | AICTE                 |
| 17   | Parikkshit Malviya  | AICTE Incorporating Universal Human Values in Education                                                                                     | AICTE                 |
| 18   | Priyanka Asthana    | Faculty Development Program                                                                                                                 |                       |
| 19   | Prof. Mohnish Patel | Engineering the Future of Energy: AI, Data Science, and Efficient Power Systems for Climate Resilience                                      | SUSHILA DEVI<br>AICTE |
| 20   | Puneet Nema         | Generative AI, Democratization of AI, Responsible AI<br>Workshop on<br>f Cloud Computing - Jr. Analyst (TEL/Q6215) - v2.0                   | AICTE<br>SKILL INDIA  |
| 21   | Sapna Lonare        | Empowering research and innovation through IPR,ICT and RM for academic excellence                                                           | SIRTE Bhopal          |

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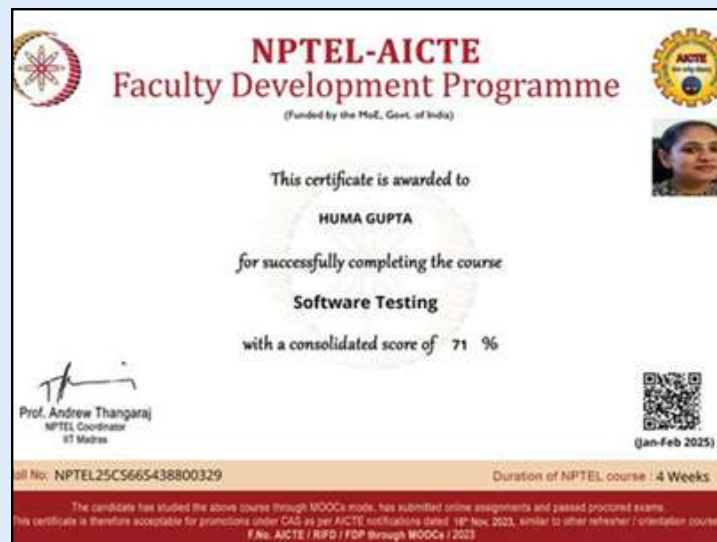
| S.No | Faculty Name          | FDP Title                                                                                                                                                                                                                                                                      | Organizing Body                  |
|------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| 22   | Satendra Kumar Jain   | Inculcating Universal Human Value in Technical Education                                                                                                                                                                                                                       | AICTE                            |
| 23   | Satyendra Vishwakarma | WCF WIPRO FDP                                                                                                                                                                                                                                                                  | WIPRO                            |
| 24   | Dr. Tripti Saxena     | Cloud Computing - Jr. Analyst<br>Design for Test (DFT) Strategies in AI and Machine Learning SOC's<br>Generative AI – Democratization of AI, Responsible AI at<br>NEP 2020 Orientation & Sensitization Programme under Malaviya Mission<br>Teacher Training Programme (MM-TTP) | NSDC<br>AICTE<br>AICTE<br>NITTTR |
| 25   | Prof Adarsh Raushan   | Intellectual Property Rights<br>Developing Excellence In Research Oriented Writing<br>Inculcating Universal Human Values in Technical Education<br>Training for Cloud Computing Junior Analyst                                                                                 | SIRT<br>SIRT<br>AICTE<br>NSDC    |
| 26   | Dr Shailendra Singh   | Inculcating Universal Human Values in Technical Education<br>Developing Excellence in Research Oriented Writing<br>Responsible AI<br>Next-Generation IoT: The Convergence of Designing<br>Robust and Scalable Applications                                                     | AICTE<br>SIRT<br>AICTE           |

### Faculty Development Program Participation

We are delighted to witness the tremendous participated of our faculty members is different FDP at different prestigious institutes.

| S.No | Faculty Name         | FDP Title                                                                                                                                                                                                                                                           | Organizing Body                          |
|------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| 27   | Dr. Priyanka Asthana | Blooming Research Areas Under IoT: A 360-Degree View<br>IPR and Publication indexing<br>How to Write a Quality Research Paper                                                                                                                                       | IEEE Bombay Section<br>LNCT<br>UIT, RGPV |
| 28   | Prof. Jyoti Pasi     | Generative AI, Democratization of AI, Responsible AI<br>Deep Learning for Social Impact: Atomic Object Detection in Real-World Applications<br>Design for Test (DFT) Strategies in AI and Machine Learning SOC's<br>Sustainable Development In Industry 5.0 With AI | AICTE<br>AICTE<br>AICTE<br>AICTE         |

# FACULTY ACHIEVEMENTS



## **STUDENT'S ACHIEVEMENTS**

Heartiest Congratulations to Ms. Aditi Patel (BTech CSE VII, LNCT College)

For receiving the prestigious Best Student Award in Science and Technology (Innovation Category) at the International Conference on Recent Advances in Science, Technology, Engineering and Management, organized by the Society for Advanced Research and Plant Science.



This recognition was conferred by Dr. Istvan Fekete (Professor of Research Methods and Statistics in Psychology, Hungary) and Dr. Soheb Malik (British International School, Ajman, UAE), in the presence of Dr. Ruchita Shrivastava, President of the Society.

She has also made the institution proud by publishing 6 utility patents, 2 of which hold significance for national security – a remarkable feat at the student level!

A heartfelt thanks to the Honorable Promoters of LNCT Group for their continuous encouragement and visionary leadership.

Kudos to Aditi! Keep soaring high!

## NPTEL ACHIEVEMENT

We are excited to announce that appx. 10 students have successfully completed the NPTEL (National Programme on Technology Enhanced Learning) courses and earned prestigious certificates in various subjects. NPTEL, an initiative by the Government of India, offers high-quality online courses and certification in diverse fields of study.

- **ADI JAIN** completed the course in Cryptography and Network Security.
- **CHIRAG TRIPATHI** completed the course in Data Base Management System.
- **ANANT SHARMA** completed the course in Data Base Management System.
- **VINAYAK SEN** completed the course in Introduction to Graphic Design.
- **ADITYA SINGH** completed the course in Programming In Java.
- **RISHITABODH UPADHYAYA** completed the course in Enhancing Soft Skills and Personality.
- **RISHITABODH UPADHYAYA** completed the course in Programming In Java.
- **SAHIL VISHWAKARMA** completed the course in Programming In Java.
- **DEVESH KUMAR PATEL** completed the course in Deep Learning - IIT Ropar.
- **CHIRAG TRIPATHI** completed the course in Programming in Modern C++.
- **ADI JAIN** completed the course in Data Science for Engineers.



### Elite

## NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

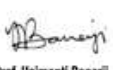
This certificate is awarded to  
**CHIRAG TRIPATHI**  
for successfully completing the course  
**Programming in Modern C++**

with a consolidated score of **71 %**

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.63/25 | Proctored Exam | 47.81/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 749

Jan-Apr 2025  
(12 week course)

  
Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur

 Indian Institute of Technology Kharagpur



Roll No: NPTEL25CS8S442801941 To verify the certificate  No. of credits recommended: 3 or 4



### NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**DEVESH KUMAR PATEL**  
for successfully completing the course  
**Deep Learning - IIT Ropar**

with a consolidated score of **57 %**

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.53/25 | Proctored Exam | 34.37/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 3779

Jan-Apr 2025  
(12 week course)

  
Prof. Andrew Thangaraj  
Chair  
Centre for Outreach and Digital Education, IITM

 Indian Institute of Technology Madras



Roll No: NPTEL25CS21S1042800964 To verify the certificate  No. of credits recommended: 3 or 4

# NPTEL ACHIEVEMENT

### Elite

## NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**RISHITABODH UPADHYAYA**  
for successfully completing the course

**Programming In Java**

with a consolidated score of **67 %**

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 22.44/25 | Proctored Exam | 45/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 16040

Jan-Apr 2025  
(12 week course)

Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL25CS5751242802693 To verify the certificate

No. of credits recommended: 3 or 4

### Elite

## NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**ANANT SHARMA**  
for successfully completing the course

**Data Base Management System**

with a consolidated score of **61 %**

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 21.04/25 | Proctored Exam | 39.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 8423

Jan-Mar 2025  
(8 week course)

Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL25CS18SS36800140 To verify the certificate

No. of credits recommended: 2 or 3

### Elite

## NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**ADI JAIN**  
for successfully completing the course

**Cryptography and Network Security**

with a consolidated score of **56 %**

|                    |       |                |         |
|--------------------|-------|----------------|---------|
| Online Assignments | 15/25 | Proctored Exam | 40.5/75 |
|--------------------|-------|----------------|---------|

Total number of candidates certified in this course: 2654

Jan-Apr 2025  
(12 week course)

Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL25CS16S642800267 To verify the certificate

No. of credits recommended: 3 or 4

### Elite

## NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**CHIRAG TRIPATHI**  
for successfully completing the course

**Data Base Management System**

with a consolidated score of **75 %**

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 16.25/25 | Proctored Exam | 58.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 8423

Jan-Mar 2025  
(8 week course)

Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL25CS18SS36800326 To verify the certificate

No. of credits recommended: 2 or 3

### SWAYAM ONLINE COURSE CERTIFICATION

This certificate is awarded to  
**Surendra Belwanshi**  
for successfully completing the 4 credit course  
**Programming in Python**  
with a consolidated score of 82%  
from the evaluation based on continuous online assessments and the proctored examination held in month of December 2024.

This course was offered by Dr. Rizwan Rehman of Dibrugarh University

| Marks in Online Assignments |          | Marks in Proctored Exam |          | Total Score |          |
|-----------------------------|----------|-------------------------|----------|-------------|----------|
| Total                       | Obtained | Total                   | Obtained | Total       | Obtained |
| 30                          | 30       | 70                      | 52       | 100         | 82       |

J. B. Neelke  
National Coordinator  
Consortium for Educational Communication (CEC),  
New Delhi

Dr. Prasanta K. Kikoty  
Controller of Examinations  
Dibrugarh University, Assam

Issued On: 31/01/2025

To validate and check scores: <https://swayam.gov.in>

# GATE QUALIFICATION

We take immense pride in announcing the GATE-qualified students from our Department.

**LAKSHMI NARAIN COLLEGE OF TECHNOLOGY, BHOPAL**

**1**  
by **THE WEEK INDIA TODAY Outlook**

## LAKSHMI NARAIN COLLEGE OF TECHNOLOGY, BHOPAL

### *Congrats!*

## Students Qualified in GATE-2025 Examination

### DEPARTMENT OF CSE & IoT

|                                                                                         |  |  |  |  |  |                                                                                             |  |  |  |  |  |                                                                                       |  |  |  |  |  |                                                                                     |  |  |  |  |  |                                                                                       |  |  |  |  |  |                                                                                          |  |  |  |  |  |
|-----------------------------------------------------------------------------------------|--|--|--|--|--|---------------------------------------------------------------------------------------------|--|--|--|--|--|---------------------------------------------------------------------------------------|--|--|--|--|--|-------------------------------------------------------------------------------------|--|--|--|--|--|---------------------------------------------------------------------------------------|--|--|--|--|--|------------------------------------------------------------------------------------------|--|--|--|--|--|
| <p>Mr. Aryan Jain<br/>0103CS211036<br/>CS, 8th Sem<br/>AIR 18250   Score 373</p>        |  |  |  |  |  | <p>Mr. Harsh Rao<br/>0103CS211069<br/>CS, 8th Sem<br/>AIR 4711   Score 552</p>              |  |  |  |  |  | <p>Mr. Hanuman Kushwaha<br/>0103CS221157<br/>CS, 6th Sem<br/>AIR 3156   Score 602</p> |  |  |  |  |  |                                                                                     |  |  |  |  |  |                                                                                       |  |  |  |  |  |                                                                                          |  |  |  |  |  |
| <p>Mr. Rishabh Rai<br/>0103CS2211318<br/>CS, 6th Sem<br/>AIR 5168   Score 539</p>       |  |  |  |  |  | <p>Mr. Ishan Namdev<br/>0103CS221184<br/>CS, 6th Sem<br/>AIR 6009   Score 519</p>           |  |  |  |  |  | <p>Mr. Ankit Kumar<br/>0103CS233504<br/>CS, 6th Sem<br/>AIR 7498   Score 489</p>      |  |  |  |  |  | <p>Ms. Anshika Beohar<br/>0103CS221074<br/>CS, 6th Sem<br/>AIR 8129   Score 479</p> |  |  |  |  |  | <p>Ms. Anshika Batra<br/>0103CS221073<br/>CS, 6th Sem<br/>AIR 9069   Score 464</p>    |  |  |  |  |  | <p>Mr. Priyanshu Patariya<br/>0103CS221295<br/>CS, 6th Sem<br/>AIR 10129   Score 450</p> |  |  |  |  |  |
| <p>Mr. Sagar Sharma<br/>0103CS221340<br/>CS, 6th Sem<br/>AIR 11838   Score 430</p>      |  |  |  |  |  | <p>Mr. Prakhar S. Bachhotiya<br/>0103CS221276<br/>CS, 6th Sem<br/>AIR 15665   Score 393</p> |  |  |  |  |  | <p>Mr. Aman Rathore<br/>086CS221022<br/>CS, 6th Sem<br/>AIR 16221   Score 387</p>     |  |  |  |  |  | <p>Mr. Rajat Agrawal<br/>0103CS221307<br/>CS, 6th Sem<br/>AIR 18041   Score 374</p> |  |  |  |  |  | <p>Mr. Abhishek Mishra<br/>0103CS221014<br/>CS, 6th Sem<br/>AIR 18757   Score 368</p> |  |  |  |  |  | <p>Mr. Vikash Rai<br/>0103CS221445<br/>CS, 6th Sem<br/>AIR 18757   Score 368</p>         |  |  |  |  |  |
| <p>Mr. Priyanshu Agrawal<br/>0103CS221292<br/>CS, 6th Sem<br/>AIR 20486   Score 357</p> |  |  |  |  |  | <p>Mr. Ayush Gadhwal<br/>0103CS221004<br/>CS, 6th Sem<br/>AIR 20760   Score 356</p>         |  |  |  |  |  | <p>Mr. Vivek Dhakad<br/>0103CS221457<br/>CS, 6th Sem<br/>AIR 24406   Score 335</p>    |  |  |  |  |  | <p>Mr. Dhruv Mishra<br/>0103IS211040<br/>CS, 8th Sem<br/>AIR 9192   Score 463</p>   |  |  |  |  |  | <p>Mr. Dhruv Mishra<br/>0103IS211040<br/>DA, 8th Sem<br/>AIR 6505   Score 377</p>     |  |  |  |  |  | <p>Mr. Soorabh Patidar<br/>0103IS211114<br/>DA, 8th Sem<br/>AIR 18250   Score 373</p>    |  |  |  |  |  |

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# **INFOSYS SPRINGBOARD COURSE** **COMPLETION**

This Semester, 6 Students from our institution participated and Completed the Infosys Springboard Course in various Streams like Community Interaction and Management System, Data Structures and Algorithms using Java and DBMS, showcasing their commitment to continuous learning and professional development.



## **CISCO CYBERSECURITY INTERNSHIP**

This Semester, approximately 16 Students from our department participated and Completed the Cisco Cybersecurity Internship in English for IT-2, Cybersecurity, Data Science, Networking, Java and Python, showcasing their commitment to continuous learning and professional development.

## **GOOGLE EDUNET, MICROSOFT AND TCS ION PROFESSIONAL CERTIFICATE**

This Semester, approximately 26 Students from our department participated and Completed the EduNet Certification (AL, DA & Cyber Security), Microsoft and Tsc iON Professional Certificate, showcasing their commitment to continuous learning and professional development.



## STUDENTS ACTIVE PARTICIPATIONS AND ACHIEVEMENT IN CO-CURRICULAR ACTIVITIES

- 1.Raksha Agrawal** student of IOT 2<sup>nd</sup> Year was runner up in Kho-Kho Competition held in RGPV Bhopal.
- 2.Hitesh Meena** student of CSE 3<sup>rd</sup> Year secured the Runner-Up position in Mr. MP 2025 pageant show organised by Mycity.
- 3.Vaibhav Bhargava** student of CSE 3<sup>rd</sup> Year Participated in NSS UNIT Camp at Malikhedhi, Bhopal.
- 4.Aditi Patel student** of CSE 3<sup>rd</sup> Year presented reasearch paper at International Conference on Airo Journals.
- 5.Nawtej Gaikwad and Vijayashree Raghuwanshi** student of CSE 3<sup>rd</sup> Year presented research paper on Artificial Intelligence Mental Health Program at IEEE SCEECs Conference 2025, held in NIT Bhopal.
- 6.Viraj Galfat** student of IOT 2<sup>nd</sup> is an Certified python with AI developer in Linux Redhat.
- 7.Prachi Jain** student of IOT 3<sup>rd</sup> Year has successfully completed SALESFORCE CERTIFICATION.
- 8.Shraddha Jha** student of CSE 3<sup>rd</sup> Year Graduated from the prestigious "Women Engineers Program by TalentSprint, supported by Google.



## GLIMPSE OF STUDENTS ACHIEVEMENT



## GLIMPSE OF STUDENTS ACHIEVEMENT



# *Editorial Team*

- **Dr. Huma Gupta**
- **Dr. Sourabh Singh**
- **Shubh Jain (CSE V Semester)**
- **Aditya Tiwari (CSE III Semester)**