

LAKSHMI NARAIN COLLEGE OF TECHNOLOGY

Bits & Bytes

NEWSLETTER

JAN-JUNE 2024



DEPARTMENT OF CSE



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Director Administration

Dr. Ashok Kumar Rai

HOD CSE

Dr. Sadhna K Mishra

Vision of Institute:

To be a premier institute where engineering education and research converge to produce engineers as responsible citizens.

Mission of Institute:

To improve continually in the teaching- learning process by strengthening infrastructural facilities and faculty credentials.

To undertake interdisciplinary research and development by engaging the faculty and students in curricular, co-curricular and industry collaborated projects towards problem solving.

To enhance proportion of skilled based courses beyond curriculum to create more employable graduates.

To inculcate human values, ethics, patriotism and responsibility in our outgoing engineers by providing conducive environment.

Vision of 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.

Mission of Department:

To provide best possible educational facilities for teaching & learning process to computer science and engineering students for building a promising career.

To create ambient environment in which core competency in the field of computer science & engineering along with research can be strengthened.

To organize conferences ,seminars and hands on training programs to expose /train student, staff and faculties with current technological developments , in the field of Computer Science and Engineering.

To encourage the students to become self motivated , to take up responsibility and work with ethical and moral values.

EVENTS

Expert Lecture

Department of CSE, organize an awareness program for all the students, the title was “तीन नए कानून नए आपराधिक कानून 2023 पररवतनकारी न्याधिक सिर : एक उधित भधवष्य को आकार” on 24 February 2024. Around 450

students attended this awareness program, and got insight about these laws for wellness of society. Make sure you set up your presentation for success with a Title or Lead card that sets up your cards for your audience.



Department of Computer Science & Engineering. has organized an expert talk on AIML & Data science on 9 June 2024. The expert speaker was Mr. Atharv Sakalley, data scientist at capgemini India. Mr. Atharv holds 5+ years experience in techniques like Machine Learning, recommendation system, and sentiment analysis. He gained the experience in Open AI LangChain LLM models. Presently working in impetus as AI Engineer Associate.



Highlights on Industrial Training& Learning Process

LNCT group focuses on students are placed in actual working environments, where they engage in hands-on tasks, collaborate with professionals, and understand the day-to-day operations of their chosen fields.

These experiences offer students invaluable insights into the functioning of industries, providing a practical perspective that complements their theoretical learning.

From the Department of CSE on 27th March 2024 Industrial visit to Netlink Bhopal was conducted. The lead coordinators were Prof. Pravesh Kumar Dwivedi and Prof Jyoti Pasi.





Department of Computer Science & Engineering

organizing

Industrial Visit TO
Netlink, Bhopal

for 4th SEM Students

Date: 28th March 2024



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Highlights on Industrial Training& Learning Process

Under the guidance of Dr. Tripti Saxena, HOD of AIML & AIDS and Prof. Jyoti Pasi, students had successfully completed their industrial visit at Netlink Bhopal. Students has gained the knowledge in various fields of company's working like :

Digital Transformation services

- ◇ Application development
- ◇ BI and Analytics
- ◇ Cloud Infrastructure
- ◇ AI/ML
- ◇ Rapid Process Automation



Department of CSE had organized industrial training visit to Netlink Bhopal.

Under the supervision of Prof. SusheelKumar Gupta the students of CSE had visited the Netlink Bhopal on 28th March 2024.



The students has gained the knowledge in the fields like:

Smart factory system

- Global leadership
- Oracle software
- Cutting edge practices etc.



Candid moments of the students enjoying the industrial visit at Netlink Bhopal !!!

Industrial visit gives the students a technical and corporate exposure to get the hands-on experience in dealing with real-time problems. LNCT group is continuously working on to provide the best industry opportunities in coming years also.

STUDENT ACHIEVEMENTS

Our department is proud to recognize the exceptional accomplishments of our students who have brought glory to our community. Their dedication and hard work are truly inspiring, and we are confident that they will continue to achieve even more in the future. Some glimpse of the academic excellence is shown here.





LAKSHMI NARAIN COLLEGE OF TECHNOLOGY BHOPAL

AIML Department

Congrats!

Rank of CGPA
TOPPERS
in AIML June 2024

 Ms Pavitra Lehar 0103AL201036 CGPA: 9.17	 Ms Priyanshi Tripathi 0103AL201041 CGPA: 9.14	 Ms Priyal Jaiswal 0103AL201039 CGPA: 9.11	 Mr Devendra Kafra 0103AL201017 CGPA: 9.07		
 Mr Utsav Baranwal 0103AL201041 CGPA: 9.03	 Mr Udit Mishra 0103AL201040 CGPA: 9.01	 Mr Manmeet Wadhwa 0103AL201030 CGPA: 9	 Ms Vaishnavi Singh 0103AL201042 CGPA: 8.98	 Mr Kautuk Astu 0103AL201026 CGPA: 8.97	 Mr Anish K Ahirwar 0103AL201002 CGPA: 8.92





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GATE 2024 QUALIFIERS STUDENTS

LAKSHMI NARAIN COLLEGE OF TECHNOLOGY, BHOPAL

CSE-AIML GATE 2024 QUALIFIED STUDENTS

Congratulations
RESULT-GATE 2024

Mr. Kautuk Astu AIR-515(CS) 83(DA) GATE SCORE -753(CS) 604(DA)	Mr. Mohd Sameer AIR-204(DA) 2827(CS) GATE SCORE -725(DA) 584(CS)	Mr. Omraj Singh AIR-3754 GATE SCORE-548	Mr. Adnan Khan AIR-4678 GATE SCORE-522	Mr. Shivam Baraskar AIR-7591 GATE SCORE-459
Mr. Mayankh Roy AIR-764 GATE SCORE-615	Mr. Aryan Shrivastava AIR-2041 GATE SCORE-510	Mr. Harshit Gupta AIR-2652 GATE SCORE-468	Ms. Stuti S Shrivastava AIR-6158 GATE SCORE-358	Mr. Praveen Patel AIR-6339 GATE SCORE-353

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Nptel Achievers

- We are excited to announce that several of our dedicated 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.
- This year, approximately 90 students from our department participated in the NPTEL courses, showcasing their commitment to continuous learning and professional development. Few students who scored well in these exams are listed.

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
TARUN BAIRAGI
for successfully completing the course
Introduction to Programming in C
with a consolidated score of **82 %**

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	31.53/50
Total number of candidates certified in this course: 1728					

Feb-Apr 2023
(8 week course)

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
TANMAY PATEL
for successfully completing the course
Programming in Java
with a consolidated score of **90 %**

Online Assignments	24.19/25	Programming Exam	25/25	Proctored Exam	41/50
Total number of candidates certified in this course: 1468					

Jan-Apr 2023
(12 week course)

Co-curricular Activities

Our students have not only excelled academically but have also actively participated in and organized various events during LNUniVerse 2024, the annual techno-cultural fest. Here are some highlights of their involvement:



Meet our dancer and podcaster Ishita Chaturvedi who won the first prize in Youth Festival State Dance Competition. Running a podcast to enlighten young minds in business startups.

Students of CSE 6th sem Saksham Shah and Shreyas Verma, CSE department, LNCT, Bhopal Under the mentorship of Dr. Deepak Rathore. Student Participated In Vision Tech (Tech Fest of All Saint's College Of Technology) On 21st Feb 2024 in Project Model Competition and they secured 1st Position and a cash prize of ₹5000.

Sport Achievements

In addition to academic and cultural excellence, our students have also demonstrated outstanding skills in various indoor sports tournaments. Here are some highlights of their participation and achievements:



We are thrilled to announce the remarkable achievements of our students , Mr. Durwa Pahariya and Ms. Vaishnavi Sivahare in the AIU Zonal Inter University competitions held at Sandip University, Nashik.



FACULTY ACHIEVEMENTS

FACULTY PUBLICATIONS,PATENTS & CERTIFICATIONS

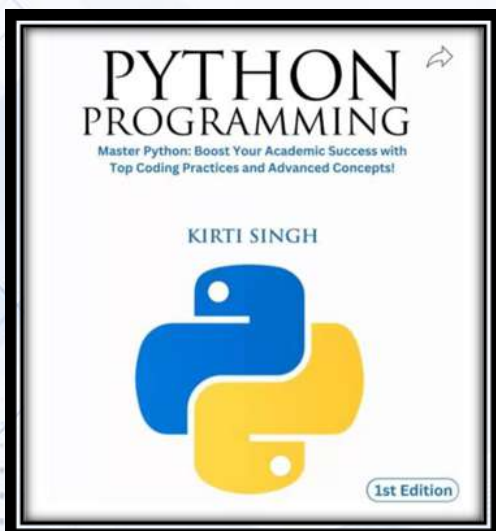
Our department takes immense pride in the contributions of our faculty members in the fields of research and publication. Their tremendous efforts in publishing papers, authoring books, and securing patents are highly commendable and contribute significantly to the advancement of knowledge and innovation.

Some of the publication of our faculty members are listed here :

S.No	Faculty Name	Paper Title	Year of Publication	Journal/Conference
1	Prof. Chanchal Lohi	UAV-Enabled Systemsfor Industry 4.0: Applications and Challenges	Jan-2024	Lecture Notes in Networksand Systems, vol 819. Springer, Singapore
2	Prof. Huma Gupta	Artificial Intelligence-Based Anomalies Detection Scheme for Identifying Cyber Threat on IoT-Based TransportNetwork	Feb-2024	IEEE Transactions on Consumer Electronics

Book Publication

- The book covers fundamental concepts as well as advanced topics in Python, making it a valuable resource for students, educators, and professionals.
- It has been well-received for its clear explanations, practical examples, and hands-on exercises.



Prof. Kirti Singh

Patent Details

S.No	Faculty Name	Paper Title	Status	Journal/Conference
1	Prof. Punnet Nema	SMART STREETLIGH AI BASED SMART GLASSES FOR DETERMINING (407409-001)	Patent Published	
2	Dr. Pushpendra Singh Tomar	IOT BASED SELF AUTOMATED ROBOT TRACKING LOCATION BY GPS	Patent Granted	
3	Dr. Kamlesh Namdev Dr. Vivek Richhariya Dr. Tripti Saxena, Dr. Vineet Richariya Dr. SadhanaK.Mishra Dr. Shailendra Singh	SMART STREET LIGHT	Patent Published	

NPTEL CERTIFICATION DETAILS FROM CSE DEPARTMENT 2023-24..!

S.No	Faculty Name	Course/Title	%	Remarks
1	Prof. Hitesh Gupta	Python for Data Science	75 %, Silver	FDP
2	Prof. Susheel Gupta	Python for Data Science/ Algorithm Design	66%, Elite 70% Elite	FDP
3	Dr. Aakriti Jain	Python for Data Science	62%,Elite	FDP
4	Dr. Anju Singh	Operating System fundamentals	63%, Elite	FDP
5	Prof. Satendra Kumar Jain	Python for Data Science	82% Silver	FDP
6	Prof. Rajkumar Sharma	Big Data Computing	94% Gold	FDP
7	Prof. Priyanka Asthana	Python for Data Science	64%,Elite	FDP
8	Dr. Shailendra Singh	Python for Data Science	80% Silver	FDP
9	Prof. Yakkala Venu Gopal	Introduction to Internet of Things	90% Gold	FDP
10	Prof. Puneet Nema	Python for Data Science	90% Gold	FDP

Thank you and see you soon with next
edition of bits & bytes !!

Editorial Team

- **Dr. Huma Gupta (Assistant Professor CSE)**
- **Tanushree Dholpuria (Assistant Professor CSE)**