

*Annual Newsletter*

# LNCTE

**LAKSHMI NARAIN COLLEGE OF TECHNOLOGY EXCELLENCE**

*Department of Computer Science & Engineering*



*Academic Year*  
**2022 - 2023**





**VISION OF THE INSTITUTE :** To become a pioneer institute in technical education and innovations to build competent technocrats and leaders for the nation.

**MISSION OF THE INSTITUTE:**

**M1:** To enhance the academic environment with innovative teaching learning processes and modern tools.

**M2:** To Practice and nurture high standards of human values, transparency and accountability.

**M3:** To Collaborate with other academic and research institutes as well as industries in order to strengthen education and research.

**M4:** To uphold skill development for employability and entrepreneurship for interdisciplinary research and innovations.



**VISION OF THE DEPARTMENT**

To be a centre of excellence for providing quality technical education to develop future leaders with the aspects of research & computing, Software product development and entrepreneurship.

**MISSION OF THE DEPARTMENT**

**M1:** To offer academic programme with state of art curriculum having flexibility for accommodating the latest developments in the areas of Computer science engineering

**M2:** To conduct research and development activities in contemporary and emerging areas of computer science & engineering.

**M3:** To inculcate moral values & entrepreneurial skills to produce professionals capable of providing socially relevant and sustainable solutions.



**PROGRAM EDUCATIONAL OBJECTIVES (PEOs)**

**PEO1:** Evolve as globally competent computer professionals, researchers and entrepreneurs possessing collaborative and leadership skills, for developing innovative solutions in multidisciplinary domains.

**PEO2:** Excel as socially committed computer engineers having mutual respect, effective communication skills, high ethical values and empathy for the needs of society.

**PEO3:** Involve in lifelong learning to foster the sustainable development in the emerging areas of technology.



**PROGRAM SPECIFIC OUTCOMES (PSOs)**

A graduate of Computer Science and Engineering Program will develop

**PSO1:** An ability to apply technical knowledge of computer science and engineering fundamentals to become employable in industry.

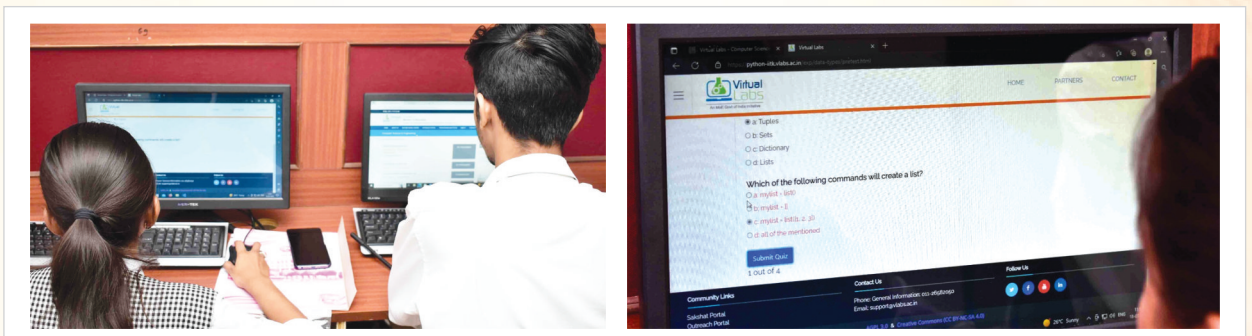
**PSO2:** An ability to develop programming skills using modern software tools and techniques.

**PSO3:** An ability to develop real time projects for problem solving of domains such as Machine Learning, Cyber security , block chain and big data

**PSO4:** An ability to grab research, higher studies and entrepreneurship opportunities towards society with moral values and ethics.

# SEMINAR

- Expert session by Nikesh Nandan, UK based Information Technology Consultancy – Aayaam Limited Cheltenham Glos England in the domain of Cyber security. The objective of the session is to introduce tools and technologies of Aayaam in the field of cyber security that can enable students to get opportunity of internship. 315 students attended session.
- Expert talk on "AI and Science advancements" by Dr.Deepak Garg Benette University, 84 students attended the session, on 27th Feb 23.
- 18th March 23, Virtual Lab workshop on Python Programming for CSE 4th semester students, at Nodal Center LNCT Excellence, under NITK Surathkal Virtual Lab- an MHRD Initiative, total 63 students attended it.



**Expert Lecture** on Internet of Things for CSE 4th sem students, on 20th March 2023, 182 students attended it. Expert Abhigyanam Giri, Indeyes infotech pvt ltd.



**Workshop on "Career Edge for Professionals"** organized by Lakshmi Narain College of Technology Excellence, Department of Computer Science and Engineering and Department of Humanities, Resource Person, Dr.Anjana Tiwari, Professor, NITTR Bhopal, 5th april and 6th april 2023. 166 students attended 2 days session. They get the knowledge and hands on about interpersonal skills and interpersonal communication on Day 1. Day 2

focused on behavior, attitude and stress management while meeting challenges of career opportunities by Dr.Anjana Tiwari assisted by corporate trainer zainab khan.

Department Organized the event AI SHOWCASE AND CODE-BETA part of SHRISHTI 2023 in this event more than 350 students participated and the winners are First - Rishi Agarwal CSE LNCTE , Second- Hamza H. CSE LNCT & Third – Neeraj Wadhwaney CSE LNCTE winners got Trophy, Certificate & CASH Prize.



Department Organized the event WASTE THE BEST part of SRISHTI 2023 in this event more than 30 students participated and the winners are **First** - Aashi and Astha of Oriental College made a very aesthetic musical model, which on the market costs a very high price. **First Runner Up**- team of three individuals named Vaishnavi Singh of LNCT & S, Ashi Sharma of LNCT & S, and Rajeev Diwiedi of LNCTE. They made a very beautiful showpiece featuring a birdhouse. **Second Runner Up**: Pallavi Pal of LNCTE, who is doing a paramedical course, made a toy car and a very beautiful decorative hanging piece. Also, she got recommended by the head of incubation at LNCT Group, Dr. Anuraag Rai.



- Department Organized the event ROLE THE REEL part of SRISHTI 2023 in this event more than 50 students participated and the winners are **First** - Sejal Bisen, **Second**- Somil Seth & **Third** – Hemant kumar Judged by Dr. Ruchi Jain winners got Trophy & Certificate.
- Conducted Cross Word Competition on 1st April participated more than 50 students and the winners are **Subek Yadav – First & Kirti Kesharvani – Second**

Students Coordinator: Saurabh Dwivedi (8839532509), Nishtha Singh (8450059657), Akriti Singh (8085604832)

Faculty Coordinator: Prof. Vivek Suryawanshi, Prof. Satish Choudhary

HOD: Dr. Megha Kamble

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- Prof. Priyanka Singh has attended the two day (24th & 25th )National Workshop on "Implementation of National Education Policy 2020 in Technical Education" at Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal.
- Prof. Vinita Shrivastava attended science exhibition as Project mentor, and participated 38th M. P. Young Scientist Congress and Science Festival hosted at SATI Vidisha by M. P. C. S. T. On 17-18-19th March 2023.
- Priyanka Singh has completed the one week Faculty Development program on "Research Methodology & How to write a Good Research Paper " from 10th to 14th January.
- Prof. Priyanka Singh has attended the five day (27th & 31st ) NITTTR Faculty Development Program on "Introduction to Machine Learning and Deep Learning"



Department  
 One of our Faculty  
 Dr. Prashant Kumar  
 Shrivastava is core  
 member of this group  
 who gave this work on  
 topic "Accepted Design  
 applications details and  
 published on Journal  
 No. 042023 and Journal  
 date 27/01/2023.



# LAKSHMI NARAIN COLLEGE OF TECHNOLOGY EXCELLENCE, BHOPAL

- Paper presentation, Dr. Megha Kamble presented paper on "INCUBATION OF A METAHEURISTIC SEARCHING APPROACH FOR INTRUSION DETECTION INTO A NEW CONSTRAINED CROW SEARCH ALGORITHM" at IEEE conference SSEECS23, 18-19 Feb 2023, at MANIT Bhopal
- Publication on "Connection of Big Data Analytics & Artificial Intelligence," by our CSE 6th semester students Rohit Soni & Ananya Baghel in 2023 IEEE International Students' Conference on Electrical, Electronics and Computer Science (SCEECS), Bhopal, India, 2023, pp. 1-6, doi: 10.1109/SCEECS57921.2023.10063008.
- Vineeta Shrivastava presented paper on "A REVIEW ON MACHINE LEARNING-BASED IDS FRAME WORKING FOR NETWORK BALANCING" at International conference on Interdisciplinary Academic Research & Innovation SSEECS23, 16 April 2023.



**Book publication** CSE LNCTE, Vineeta Shrivastava, Dr. Prashant Kr Shrivastava and Dr. Megha Kamble published book on Machine Learning as per RGPV Curriculum, under Bluerose publication.

## STUDENT ACHEIVEMENT

- Sanskar khedekar batch 2022 passout, scored 89% in CAT.
- 18th March 2023 One Team Rohit Kumar & Vanshika Verma of the Department of CSE LNCTE are presenting their Models/ Innovative Ideas (Title - Wise Content) in 38th MP Young Scientist Congress & Science Exhibition held at SATI Vidisha. The event was hosted by SATI in collaboration with MPCST, Bhopal



- Saurabh Dwiwedi 4th CS has completed alpha level Microsoft Student ambessedor certificate
- Under Github and microsoft learn, Saurabh Dwiwedi Beta level microsoft learn student ambassador CII student chairman cobducted online session on " Beginning with git and github" On 23rd apr, 178 students participated

## Department of CSE:

**LNCTE CSE 3rd year students Arit Jain and Satvik Namdeo (Project Title: Drowsiness Detection System-), mentored by Prof.Megha Jain, National Level First prize of ISTE – Baba Banda Singh Bahadur Engineering College, National Award for Best B.Tech. Project in Computer Science & Engineering. Apr. 2023**



**Microsoft Learn STUDENT AMBASSADOR**

**BEGINNING WITH GIT AND GITHUB**

**SPEAKER SAURABH DWIVEDI**  
BETA - MICROSOFT LEARN STUDENT AMBASSADOR  
CII STUDENT CHAIRMAN

**GitHub**

**INSTAGRAM @MR\_SEENU\_2310**

**LINKEDIN**

**CHALO SEEKHTE HAIN**

**SUMMARY**

**Microsofts ambassador's first ever 3 HOUR event**

- ❖ WE HAD A TOTAL OF 178 REGISTERED STUDENT
- ❖ 62 STUDENTS WERE LIVE TILL THE END

**Delivered practical knowledge working on code/command and interface ad the same time , everything live.**

- ❖ All the attendees were benifited with Certificates
- ❖ 4 of the active attendees won LINKEDIN PREMIUM/XBOX GAME voucher
- ❖ Attendees learnt basics of Version Control System and Open Source Contribution

## POSTER COMPETITION

Invites poster competition on the theme VASUDHAIV KUTUMBAKAM: ONE EARTH. ONE FAMILY. ONE FUTURE to celebrate G20 presidency of India as per directives.



### 1) Anushka Bhardwaj – 4thsem CSE



Winners of  
Poster Competition:

### 2) Harshit Ankare – 4thsem CSE





# == Diwali Celebration ==



# *Editorial Board*



***Dr. Megha Kamble, HOD CSE***  
***Dr. Neetesh Gupta, Prof. CSE***

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***Student Coordinators***

***YASHRAJ PANY***

***YOGITA PATIL***