



LAKSHMI NARAIN COLLEGE OF TECHNOLOGY EXCELLENCE

*Department of Computer
Science & Engineering*

Academic Year

— 2019-2020 —





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.



STUDENT ACHIVEMENT

1. LNCTE CSE department, 8th semester Satyam Dubey and Yash Bharadwaj secured 2nd position at Bug Bounty competition held at IIT Bombay on 3rd January 2020 and is awarded with ₹60,000. It was National Level competition and more than 200 teams participated in the competition.
2. LNCTE CSE student Aditya pal participated in Bhopal smart city Hackathon and his idea is selected for incubation in smart city office for one year.
3. Team- RUBIX-6 of LNCTE CSE has got First Position in "SMART INDIA HACKATHON 2020" Problem Statement- MK103 Team member is (Aditya Mandail, Aditya pal ,Navya, Shaswat jain, Chahak Choubey)
4. Team-ALPHA of LNCTE CSE has got Third Position in "SMART INDIA HACKATHON 2020" Team member is (Abhishek jain ,Vedica,Bal Krishna ,Srushti,Soumik.Austin tom
5. Teams LNCTE CSE participated in Krishi Manthan, - 5(NATIONAL AGRI BUSINESS SUMMIT- 2019) Organized by SATI Vidisha Under TEQIP-III Sponsored by RGPV Team Name 1 FARM IN ARM (Rahul, Nain, Kumkum Darkar, Harshit Gupta, Astha Mujmer) and Mentor of team Dr. Megha Kamble. Team Name 2. ALFA Project (members - Abhishek jain, Balkrishna Yadav, Vedica singh, Srushti Agrawal) and Mentor of team Prof. Megha Jain, Prof. Diksha Kurchaniya
6. Team of LNCTE CSE Has Won 2nd prize in planet engineers 2020 in the event innovative Idea presentation. Team member is (Sheetal lalwani , Shreya shukla, Sahil singh)
7. LNCTE- CSE organized event CODE VITA under the banner of PLANET ENGINEER 2020.Winners is Bhanu soni LNCTE CSE,MD. Shahrukh Khan LNCTE, Himanshu Gupta
8. LNCTE CSE Has organized alumni talk on "CYBER SECURITY" BY Mr. Nikhil Kumar Reverse engineer of COGNIZANT
9. Course Era Certification – Multiple certifications completed by Ritik Nakra, Drashi Jain, Aushi Jain, Riya Jain, Austin Kuriakose, Harsh Jain, Vikas Lavaniya, Rahul Nain
10. Kartikeyan Venkatesan, an alumnus of our college cleared GRE and is now pursuing MS in Australia , Australian National University Canberra
11. Deepak Singh Gurjar secured ALPHA grade in NCC "C" certificate exams. 2020
12. Ritu Harivansh Prajapati, Completed "Red Hat Certified Specialist in Virtualization" certified by Red Hat. DrashiJain, Khushboo Shukla, Milan Sarufrom third year completed Microsoft.



Event & Activity





ALUMNI TALK

Cyber Security

on



Mr. Nikhil Kumar
Reverse Engineer
Cognizant

Moderator



Prof. Megha Jain
LNCTE, CS



Prof. Sugan Patel
LNCTE, CS

12 December 2019
10:00 to 11:00AM
On Google Meet



Red Hat, Inc. hereby certifies that

ritu HARIIVANSH PRAJAPATI

has successfully completed all the program requirements and is certified as a

RED HAT CERTIFIED SPECIALIST IN VIRTUALIZATION

Red Hat Virtualization 4.1



RANDOLPH R. RUSSELL
DIRECTOR, GLOBAL CERTIFICATION PROGRAMS

SEPTEMBER 11, 2019 - CERTIFICATION ID: 190-037-739

RED HAT CERTIFIED SPECIALIST





CERTIFICATE

ROHIT KUMAR

PARTICIPATED IN
Microsoft AI Classroom Series

05-10-2020
Date of issue

Rohini Santhya
Rohini Srivathsa
National Technology Officer
Microsoft India

Amit Aggarwal
Amit Aggarwal
CEO ITeS SSC
NASSCOM

GRE SELECTED



V KARTIKEYAN



VEDANT TANEJA



SIKHAR PRAKASH KHARE

GATE SELECTED



ASHI PAL



ASHI PAL



CHANCELLOR SCHOLARSHIP AWARD

Heartily Congratulations

Department of CSE - LNCTE



Deeksha Purohit
CSE- LNCTE



Ashi Pal
CSE- LNCTE

GOT CHANCELLOR SCHOLARSHIP

B.Tech | M.Tech | Polytechnic | Pharmacy | MBA | MCA
@ /LNCTGroupofcollege Helpline ☎ 7440777111 | www.LNCT.ac.in | Raisen Road, Bhopal



DEPARTMENTAL ACTIVITIES (EXPERT LECTURER AND WORKSHOP)

1. LNCTE CSE has organized Expert lecture on 27/01/2020 by Mr. Abhigyanam, Indeysys Pvt LTD Indore.
2. A one-week STTP on Data Sciene Using R Programming from 17-21 February 2020, Under TEQIP-III RGPV Bhopal
3. Glimpses of Five Days Hands-on Workshop on "Cyber Security" conducted by Dept. of CSE (LNCTE) from 17 to 21st February 2020
4. LNCTE CSE has organized webinar on "LEVERAGING INNOVATION OPPORTUNITY, Key note speakers is Dr. Dharmendra Singh Rajput and Dr. Thippa Reddy G.
5. LNCTE CSE has organized webinar on "ARTIFICIAL ANTELLIGENCE AUTONOMOUS LEARNING " on (2-6-2020) Key note speakers is Dr. Vivek Tiwari from IIIT Raipur.
6. LNCTE CSE has organized webinar on " Opportunities in IT Industry " on 7th Nov 2019 Er.Shivendra Shukla (Lead Developer USAA , Plano TX USA) and Gautam Yadav Director Exatip Technologies Indore.
7. Art of Living SELP program under TEQIP III was organized for LNCT Group, 17-22 June 2020.
8. Department of CSE has organized creative festive Bonanza Advait 2020 for LNCTE CSE students to explore art and innovation and three online submission competition held for poster designing, story writing and video making on the theme of positive outcomes of COVID pandemic and Indian Festivals. Students have participated in good numbers for the same
9. Exclusive sessions for LNCTE CSE students in Sri Sidheshwar Tirth Brahmarishi Ashram's First Ever Global Virtual Navratri Mahotstav 2020 By renowned International Spiritual Speakers on the topics: War your Oxygen Masks (Yoga and Pranayam), Meditation, Emotionmanagement, Game show





LNCT Excellence, Bhopal

A WEBINAR ON ARTIFICIAL INTELLIGENCE-AUTONOMOUS LEARNING

LIVE SPEAKER



Dr. Vivek Tiwari
Department of CSE
IIT Raipur

2nd June 2020
Tuesday, 11AM

MODERATOR

COORDINATORS

Dr. Megha Kamble
HOD, Dept. of CSE,
LNCTE, Bhopal

Yashraj Pany
Student, Dept. of CSE,
LNCTE, Bhopal

Prof. Harendra Singh
Asst. Professor, Dept.
of CSE,
LNCTE, Bhopal

Atharva Shrivastava
Student, Dept. of CSE,
LNCTE, Bhopal

Meeting number: 1661202902
Zoom Link: <https://lnct.ac.in>

LEVERAGING INNOVATION OPPORTUNITY

SPEAKERS LIVE

DEPARTMENT OF CSE LNCTE



Dr. Dharmendra S Rajput
Associate Professor
School of IT & Engineering
VIT, University, Vellore
(TN)



Dr. Thippa Reddy G
Assistant Professor Sr.
DEPTT. OF IT & Engineering
School of IT & Engineering
VIT, University, Vellore (TN)

28th MAY 2020
FROM 2:45 PM TO 4:30 PM

Analysis Of COVID-19 Using Machine Learning Techniques

COORDINATORS



Dr. Megha Kamble
HOD, DEPT. OF CSE
LNCTE Bhopal

ZOOM LOGIN CREDENTIALS

ID: 644 349 2532
Password: 476605

LNCT EXCELLENCE, BHOPAL

WEBINAR ON ARTIFICIAL INTELLIGENCE

MODERATOR



Dr. Megha Kamble
HOD, Dept. of CSE,
LNCTE, Bhopal

LIVE SPEAKER



Dr. Shaligram Prajapat
Associate Professor
DAVV Indore

Date: 10th July 2020
Time - 1:30pm
Join us with:
<https://zoom.us/j/198795466178>
ID: 98795466178

STUDENT COORDINATOR:
Alloy Gupta
Student, Dept. of CSE,
LNCTE, Bhopal

Opportunities in IT Industry

Date: 17th June 2020

JOIN OUR AI / ML WEBINAR

THE FUTURE IS FINALLY HERE..

21 ST SEPTEMBER 2020 | 2:15 PM | on Zoom

KEYNOTE SPEAKER



Dr. Shubhangi Sapkal
Faculty Gov College of
Engineering Aurangabad
Editorial Board,
CSI Journal of Computing


MODERATOR




Dr. Megha Kamble
DEPTT. OF CSE
LNCTE Bhopal

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Live Speakers




Dr. Shivendra Shukla
Lead Developer
USAA Plano TX USA



Mr. Gautam Yadav
Director Exatip
Technologies Indore.

Moderators



Dr. Megha Kamble
HOD, Dept. of CSE
LNCTE, Bhopal

FACULTY ACHIEVEMENTS

PATENT AND COPY RIGHT

1. Patent Filed "Smart Solar Tracker" is filed by Dr.MeghaKamble and Prof.Sudeshna Ghosh. Patent Application number: 202021041487
2. Patent published by Prasant Shrivastava, Ashish Chaturvedi,ELECTRONIC DEVICE FOR PREVENTING COLLISION OF VEHICLES IN LOW VISIBILITY SITUATION Application Number – 201921013077
3. Copyright: Automatic Gas Booking System (Registration Number: L-90270/2020) with Copyright Office, GOI, on 11th March 2020, Diksha Khurchania, Dr. Megha Kamble
4. (Copyright) published: Automated Sewage cleaning" Registration number L-87597/2019 by MeghaJain, Prasant Shrivastava
5. (Copyright) submitted :Housechain-the next generation block chain, Megha Jain, Rajni kori(no-4807/2020-CO/L)
6. Copy right filed :Smart bike Intelligent System dairy no.17850/2020-CO/L by Dr.Meghakamble ,MeghaJain
7. Copyright registered : Use of poultry litter as a manure with IoT based management system L-89862/2020 by MeghaJain, Diksha Kuchaniya

BOOK PUBLICATION

1. "Internet of Web Technology" Book published by, Blurose Publication, authored by Prof. Ashish Chaturvedi, Prof. Prashant Kumar Shrivastava

PUBLICATION SCI/SCOPUS

1. Dr. Megha Kamble Vishal Shrivastava, Shashank Satish Damodaran (2020) Adalward: a deep-learning framework for multi-class malicious webpage detection, Journal of Cyber Security Technology (Taylor & Francis peer reviewed), DOI: 10.1080/23742917.2020.1714195
2. Dr. Megha Kamble , S. Ghosh and P. Patel, "Solar Irradiance Prediction using meteorological data by ensemble models," 2nd International Conference on Data, Engineering and Applications (IDEA), Bhopal, India, 2020, pp. 1-6, doi: 10.1109/IDEA49133.2020.9170678(IEEE xPlore)
3. Dr. Megha Kamble Cascade of Clustering and Classification Approach for Lung Cancer Disease Prediction: Review Article", International Journal International Journal of Scientific & Technology Research , March 2020
4. Dr. Megha Kamble Research Paper "NWP models combined with Ensemble Models for Hourly Estimation of Global Solar Irradiance, published in Lect. Notes in Networks, Syst., Vol. 150, PROCEEDINGS OF INTERNATIONAL CONFERENCE ON BIG DATA, MACHINE LEARNING AND THEIR APPLICATIONS, 978-981-15-8376-6, 488284_1

5. Prashant Kr Shrivastava ,An Improved security and Eliminating Malicious Node using Reliable Function in vehicular Ad-Hoc Network (VANET).Journal of The Institution of Engineers (India)
6. Ashish Chaturvedi ,Comparative analysis of classification techniques in data mining using multiple regression, "international journal of computational system engineering"
7. Sugan patel NCC-Template matching using Adaptive Statistical Fast LTP Features Makeup Faces, International Journal of Control and Automation Vol. 13, No. 4, (2020), pp. 782 – 792
8. Prashant Kr Shrivastava, Hybrid Method for Secured Data Dissemination in Vehicle Ad-Hoc Network ISSN:0921-5077 VOLUME 33 : ISSUE 03 – 2020

FACULTY CERTIFICTION- MOOC

1. Dr.Megha Kamble, Coursera Certification in Deep Learning
2. Megha Jain, Coursera Certification in Convolution Neural N/w in Tensor flow(Package)
3. Sitaram Patel, Coursera Certification in PYTHON
4. Harendra Singh, Coursera Certification instructure Machine Learning
5. Rajni Kori, Coursera Certification in Programming with python
6. Ashish Chaturvedi, Coursera Certification in AWS Fundamentals: Going Cloud-Native/
7. Prashant Kr Shrivastava, Coursera Certification instructure Machine Learning

Editorial Board



Dr. Megha Kamble, HOD CSE
Prof. Megha jain, Dept. of CSE
Prof. Sitaram Patel, Dept. of CSE

Student Coordinators
Navya Joseph, Sashwat Jain