LNCT GROUP OF COLLEGES
"WORKING TOWARDS BEING THE BEST"

ACCREDITED COLLEGE (5 Time)

Only Pvt Engg. College of MP in NIRF 184 Rank-2021

A NEWS LETTER ACRUX

LAKSHMI NARAIN COLLEGE OF TECHNOLOGY, BHOPAL

DEPARTMENT OF ELECTRONICS & COMMUNICATION

Edition October 2021 – March 2022

VISION

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

MISSION

- 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.

GRANT RECEIVED

- The technical education regulator under the HRD Ministry provided grant under the Modernization and Removal of Obsolescence (MODROBS) scheme and the coordinator is Dr. Soni Changlani
- Grant received for conducting ATAL FDP and coordinator was Dr Shravan Sable

FACULTY ACHIEVEMENTS

- ***Teacher excellence award***

Dr. Soni Changlani Professor and HOD EC recieved teacher excellence award by Dainik Bhasker in gracious presence of Honorable Dr. Mohan Yadav ji(Higher Education Minister MP)

- ***Contribution as Session Chair in NCVCS 2021***

Dr. Soni Changlani invited as Session Chair in the **'IETE National Conference on "VLSI, Communication and Signal Processing"** (NCVCS 2021)' organized by the Electronics and Communication Engineering Department of Maulana Azad National Institute of Technology, Bhopal from 27st to 28th Nov, 2021.

- ***Attended ATAL IDEA Lab FDP on Electronics System Design***

Dr. Shravan Kumar Sable, Associate Professor attended AICTE Training And Learning (ATAL) Academy IDEA Lab faculty development program on Electronics System Design from 16th -22nd December 2021 at D Y Patil International University, Akurdi, Pune.

- ***Publications in SCI***

Dr M. Zahid Alam has Published a paper in SCI Journal having Journal Quartile Q1 and Impact Factor of 3.81 on the Topic,"Analysis of machine learning based LEACH robust routing in the Edge Computing systems", ELSEVIER Journal on Computer and Electrical Engineering (ISSN No.0045-7906)Volume 96, Part B.Pg:152-159, November 2021

- **FDP attended**

FDP attended on AI & IOT APPLICATION IN ENERGY SECTORS by Dr Vijay Yadav from 7/9/2021 to 11/9/2021

- **Book Publication**

Prashant Chaturvedi, Ravi Bhushan Roy and Sourabh Pandey published a book on VLSI Technology & Testability

- ***Successfully completed short term training programme conducted by NITTTR***

Faculty members of the EC department have successfully completed one week short term training program conducted by NITTTR under the ministry of education with the program title "Outcome Based Assessment" from 31 January 2022 to 4 February 2022, Dr. Soni Changlani, Dr. LN Gahalod, Dr. Monika Kapoor, Dr. Zahid Alam , Dr. Tarun Varma. Prof Shradhha Shrivastava, Dr. Vijay Yadav, Dr. Shravan Sable, Dr. Rakesh Agarwal, Dr. Umashankar Kurmi,Prof Sourabh Pandey,Prof Prashant Chaturvedi

STUDENT ACTIVITIES & ACHIEVEMENTS

SHINING STARS

of the Department

- ***Presented innovative model***

EC students presented their innovative model in exhibition organized by MPCST Bhopal* under the supervision of Prof. Shraddha Shrivastava

- **GATE Achievers 2022**

Dinkar kumar,Aditya singh ,Aditya singh yadav,Prabhat kumar Qulified the GATE 2022.

DEPARTMENTAL ACTIVITIES

- **Organized ATAL FDP**

Online one week Faculty Development Programme on "Recent Trends in Artificial Intelligence" in association with AICTE Training and Learning from 29th Nov to 03rd December 2021 in which 192 participants from different parts of the country participated. Experts from IITs, NITs and industry persons delivered the lecture on the importance and applications of Artificial Intelligence. Dr. Shravan Sable Associate Professor, of EC department was the coordinator of this FDP.Dr. Monika Kapoor Dr. LN Gahalod and Dr. Tarun Varma was co-coordinator for the programme.

Organized Webinars

- Job seeker to job giver journey of a staff up Mr. Abhigyanam giri (Training head indeyes infotech pvt.ltd) on 4 oct 2021
- An overview of intellectual property rights & patenting Dr Vijeta jha(Techno IPR consultant mentor –IIM Udaipur inc center) on 4 oct 2021

Organized Seminars on

- Transition towards Data Science by Mr.Abhishek Ahir (Data scientist at Convosight) On 03/03/2022
- How to convert internship to full time on 24/03/2022 by Mr. Mayank Chaturvedi (Consulting Engineer CISCO)
- "Introduction to java script", on 31/03/2022 by: Mr.Aryan Bhardwaj(Google Developer Student Club LNCT)

- **Conducted Orientation program**

An online orientation program was conducted by LNCT group for first year students from 25 October to 1 November in each session students were made known about the policies and activities of college all of which were addressed by various dignitaries of the institute and outside world.

- **Organized Work shop on PCB designing**

About 200 students take part in two days work shop PCB designing on 17 to 18 December 2022

Organised Industrial Visits

- **CRISP Bhopal**

About 30 Students of second year take part in industrial visit on 22 Dec 2022 at CRISP Bhopal.

Aartech Solonics Ltd Bhopal

About 200 Students of second year take part in industrial visit on 28 December 2022 at Aartech Solonics ltd Bhopal.

Airport Authority of India (AAI_Bhopal)

Students of fourth semester Electronics and Communication Department LNCT visited AAI Bhopal on 15th March and 17th March 2022. At AAI they were given explanation on Navigation Communication and Air traffic control. Facilities and equipment were also shown to the students.

Celebrated National Youth Day 2022

National youth day celebrated by organizing Online Quiz Competition and Debate competition on the topic "Swami Vivekanand learnings in Current Scenario "on 12th Jan' 2022. In Quiz competition 136 students participated. The passing marks were 60% to get the certificate.125 participants passed and got the certificate

Celebrated Science Day on 28th Feb 2022

National science day celebrated by organizing two competitions "Poster making competition on "Sustainable Energy" and THINK OUTSIDE THE TRASH". Under the IETE Bhopal 45 students participated in poster competition, best three posters was awarded by Director Administration Dr. Ashok Kumar Rai

Celebrated Woman's Day on 08th March 2022

On the Occasion of INTERNATIONAL WOMEN'S DAY, organized a Seminar on "WORK BALANCE FOR WOMEN" Dr. Lila Simon (BSSS Bhopal)