

A NEWS LETTER **ACRUX**

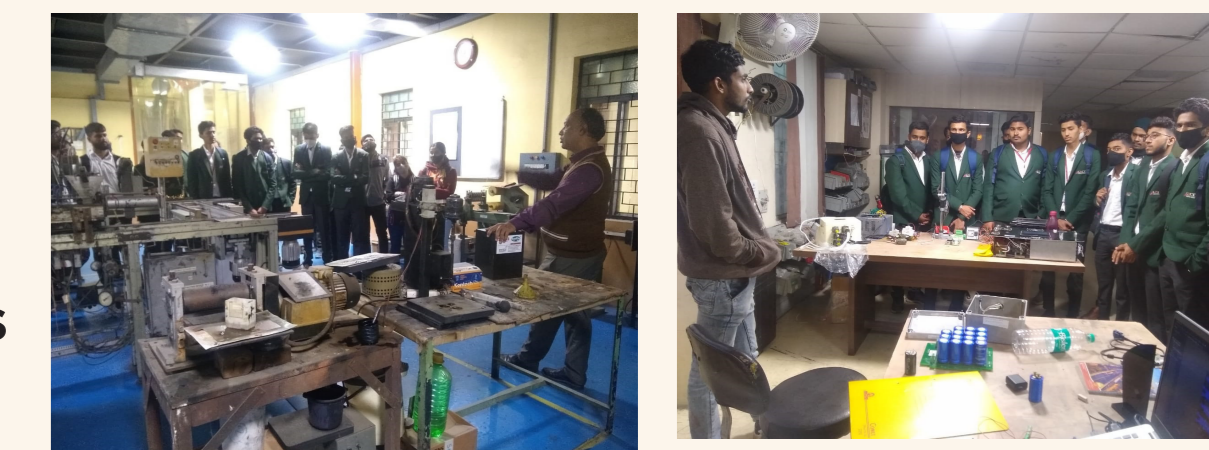
LAKSHMI NARAIN COLLEGE OF TECHNOLOGY, BHOPAL

DEPARTMENT OF ELECTRONICS & COMMUNICATION

Edition October 2021 – March 2022



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.



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.

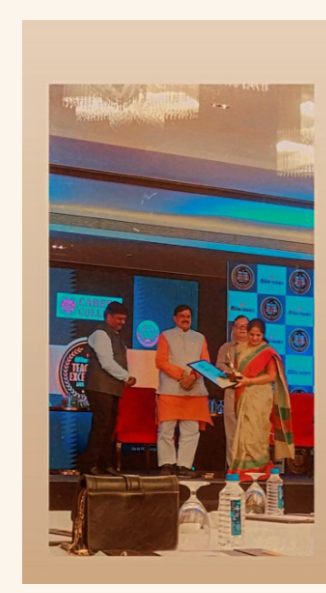
GRANT RECEIVED

- 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 27th to 28th Nov, 2021.



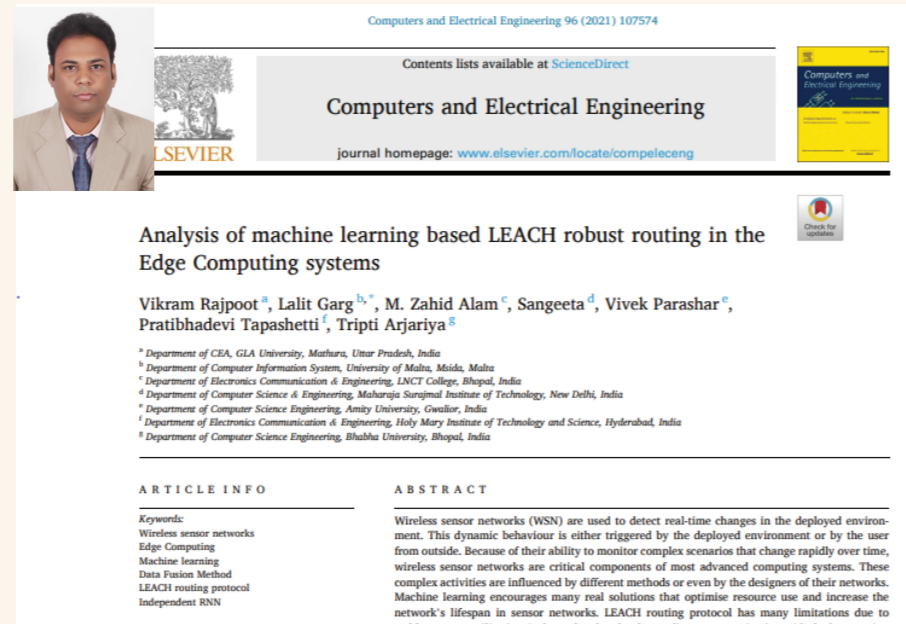
Attended ATAL IDEA Lab FDP on Electronics System Design

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 NITTR

Faculty members of the EC department have successfully completed one week short term training program conducted by NITTR 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 Shradha 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. Shradha Shrivastava



GATE Achievers 2022

Dinkar kumar, Aditya singh, Aditya singh yadav, Prabhat kumar Qualified 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.



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)

