LAKSHMI NARAIN COLLEGE OF TECHNOLOGY & SCIENCE, BHOPAL

NEWS LETTER

Jan 2023 to June 2023

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING LNCTS, BHOPAL

VISION OF THE DEPARTMENT

To be world-wide recognized for adopting and keeping innovation and entrepreneurship mindset as abreast of learning to produce professionals as valuable, ethical and moral resource for industry and society.

MISSION OF THE DEPARTMENT

- To establish an ecosystem where students could grow with innovative practices followed in communication engineering.
- Adopt the global approaches to transform the young aspirant into engineering professional catering the society with ethical and patriotic zeal.
- Facilitate and felicitate the learners to have close interactions with the industry experts and researchers for keeping them updated of the current and future needs of the society.
- To develop the mindset of learners for being innovative and entrepreneurial in becoming successful professional.

PROGRAMEDUCATIONAL OBJECTIVES (PEOs)

PEO1: The graduate will have the knowledge and skills of analog and digital communication in providing necessary solutions to the real world problems.

PEO2: The graduate will be able to design, develop, analyze and implement the modern tools and systems involving principles of electronics and telecommunication engineering.

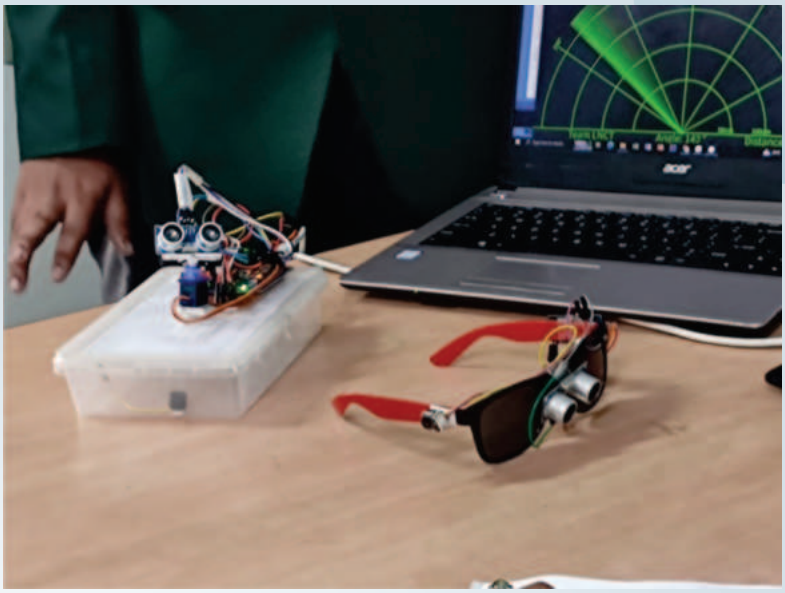
PEO3: The graduate will be following the ethical practices of the core industry and supporting software industry in providing most acceptable solution to the society.

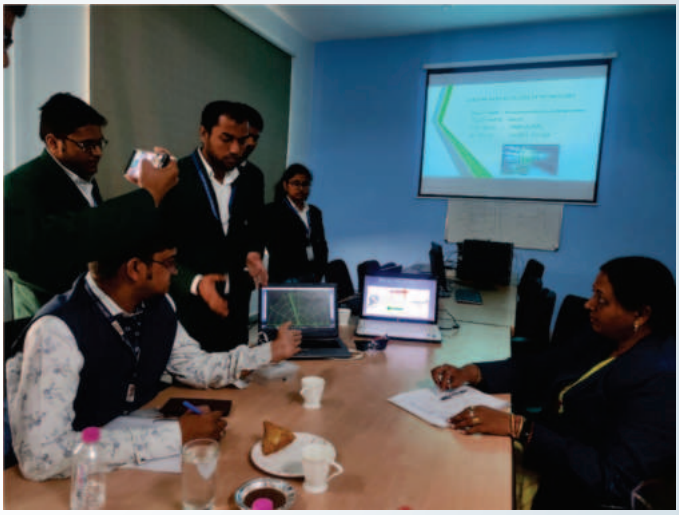
PEO4: The graduate will have the innovative mindset of learning and implementing the latest technological advancements and research outcomes in the electronic hardware and software to keep pace with the rapid developments in socio economic world.

PROGRAM SPECIFIC OUTCOME (PSO)

- **PSO1:** To analyze, design and develop solutions of real time problems and industry needs.
- **PSO2:** Ability of effectively communicating with the professionals and preparation of reports, documents and presentation while working in teams.
- **PSO3:** Knowledge and understanding of latest developments in the field of VLSI, Embedded system, Networking, Matlab and other major tools necessary for keeping pace with the industry.
- **PSO4:** Ability of solving complex engineering problems with ethical and law full approach to prevent the society and environment from adverse impacts.
- A Poster making Competition has been organized by Department of EC LNCTS on for Students of 6th Sem EC LNCTS dated on 07-01-2023 under the coordination of Dr. Soheb Munir (HOD EC LNCTS) and Prof. Sanket Choudhary (AP, EC).

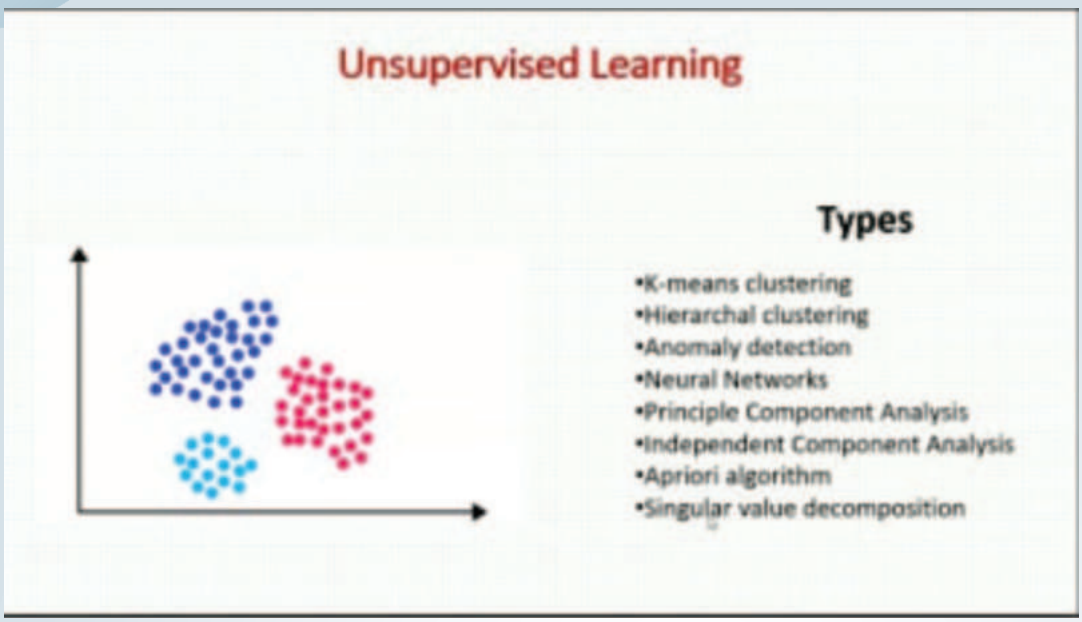
•An Innovative Idea Presentation has been organized by Department of EC LNCTS dated on 16-02-2023 for EC 6th Sem Students on the occasion of Innovation Day under the guidance of Dr. Soheb Munir (HOD EC LNCTS) & under the coordination of Dr. Aparna Gupta(Professor).

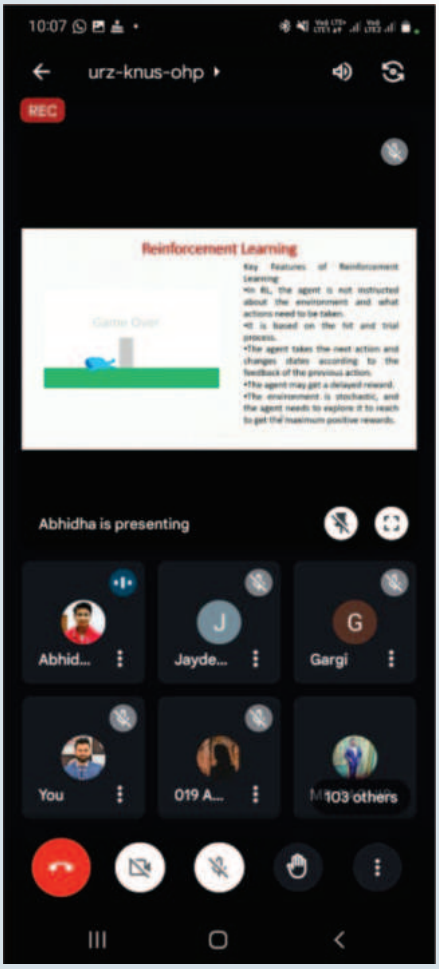




•Students of Electronics and Communication Engineering department LNCTS are presenting their Models/ Innovative Ideas in 38th MP Young Scientist Congress & Science Exhibition held at SATI, Vidisha on 17-03-2023. The event was hosted by SATI in collaboration With MPCST Bhopal.

•An Online Expert Talk is organized in ECE LNCTS on 24-03-2023 from 09:00 to 10:30 AM for all the students of ECE 8th Sem under the coordination of Dr. Soheb Munir (HOD, ECE LNCTS).





•Department of Electronics and Communications Engineering LNCTS, in association with NITK surathkal ,IEEE student branch and IIC cell LNCT organized an In house workshop on VIRTUAL LABS, for second year students of EC branch on 8/04/23. In this workshop, the students learned about the Virtual labs, they acquired the knowledge of available virtual labs for various subjects and fields; they also performed experiments related to the different applications of Analog circuits, Analog Communication and control systems.

•Yash Shrivastava, A student of EC LNCTS 8th Sem has published a book on "The Secret Victim" on 11/04/2023.

स्वदेश

यश ने कम उम्र में पुस्तक लिखकर अपना नाम उभरते हुए लेखकों में शामिल किया

स्वदेश संवाददाता, नर्मदापुरम

शहर वासियों के लिए यह एक गर्व का विषय है कि नर्मदापुरम के 22 साल के छात्र यश श्रीवास्तव पिता संजय प्रकाश श्रीवास्तव ने बड़े ही कम उम्र में एक पुस्तक लिख कर अपना नाम उभरते हुए लेखको में शामिल किया है। उनकी इस उपलब्धि से पूरे नर्मदापुरम ने अपना सिर ऊंचा किया है। यश ने अपनी पुस्तक को अमेजन डॉटकाम पर और भोपाल, जबलपुर, और इंदौर के स्थानीय बुक स्टोर में उपलब्ध कराया है। यश ने अपनी उम्र के अनुसार एक बहुत ही उच्च स्तर की पुस्तक लिखी है। यश की पुस्तक ने उन सभी को अपनी ओर खींचा है जो एक बच्चे से उम्मदराज तक पुस्तकों के दीवाने हैं। यश की पुस्तक उन लोगों के लिए एक अच्छा विकल्प है, जो नए लेखकों के द्वारा लिखी गई किताबों के दीवाने होते हैं। उनकी पुस्तक एक मर्डर मिस्ट्री के उपर आधारित है, इस पुस्तक में अनेक थ्रिल, सस्पेंस और ड्रामा के दृश्य हैं जो आपको पृष्ठभूमि से जुड़े रखते हुए एक बार फिर से पृष्ठों को फ्लिप करने के लिए उत्तेजित करेंगे। इसके अलावा यश ने बताया है की उनके आने वाले समाये में कई और रोमांचक पुस्तक जैसा – अथवा आने वाली है। यश श्रीवास्तव को नर्मदापुरम के लोगों की तरफ से बधाई दी जाती है कि उन्होंने इस उम्र में इतनी उच्च स्तर की पुस्तक लिखी है। नर्मदापुरम के लोगों को उनके प्रयासों का सम्मान करना चाहिए और उन्हें उनके भविष्य के लिए उनकी उपलब्धियों से प्रेरित होना चाहिए।

•On the occasion of annual event "Srishti", LNCT Group organized "Theme Day" from 10/04/2023 to 15/04/2023. All the Faculties & Students of ECE LNCTS participated in this event and wear different colour dresses specified in theme day

LNCT GROUP OF COLLEGES
THEME DAY
"WEAR THE DRESS ACCORDING TO THE GIVEN COLOUR THEME"
DRESS SHOULD BE SOBER
IDENTITY CARD MUST FOR ALL
10 APRIL
11 APRIL
12 APRIL
13 APRIL
14 APRIL
15 APRIL
WHITE
RED
GREEN
YELLOW
TRADITIONAL
BLUE

LNCT'S LNCP
#LNCT Group ,Colours Week Celebration: Day-1 White

LNCT'S LNCP

LNCT'S LNCP

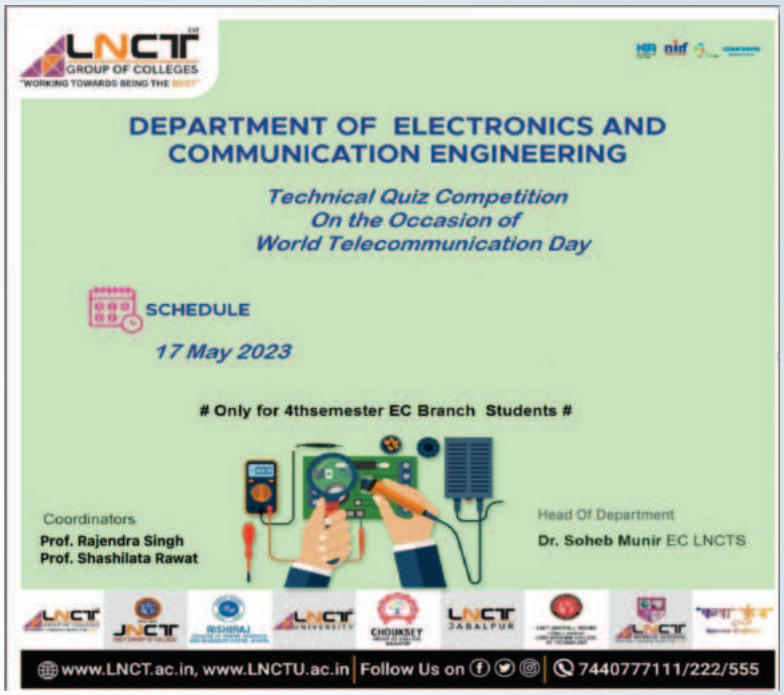
•On the occasion of annual event “Srishti”, EC LNCTS has organized an event “Comedy Day with LNCT”. All the students of LNCT group & outside it were invited to participate in this event. Event was successfully organized under the guidance of Dr. Soheb Munir (HOD EC LNCTS) and coordinated by Dr. Aparna Gupta (Professor, EC LNCTS) .

•An Industrial visit has been organized by ECE Department LNCTS for DRM on 06/05/2023 for EC IV Sem students under the coordination of Dr. SohebMunir (HOD, ECE LNCTS).

•A Workshop is organized in ECE LNCTS on "CIRCUIT DESIGNING WITH BREADBOARD" at 06-05-2023 from 12:00 to 02:30 PM by Mr. AbhigyanamGiri, Indeyes Infotech Pvt. Ltd. for all the students of EC 4thSem students under the coordination of Dr. Soheb Munir (HOD, ECE LNCTS) and Prof. Sanket Choudhary (Assistant Professor).

•A Seminar is organized in ECE LNCTS on "Industry 4.0" at 13-05-2023 from 12:10 to 01:30 PM for all the students of ECE 4th Sem by Mr. Chetan Chouhan, Regional Manager, Institute of Advance skill Training under the coordination of Dr. Soheb Munir (HOD, ECE LNCTS) & Dr. Aparna Gupta(Professor ECE LNCTS).

Technical Quiz Competition has been organized by ECE Department LNCTS on the occasion of "World Telecommunication Day"on17/05/2023 for EC IV Sem students under the guidance of Dr. Soheb Munir (HOD, ECE LNCTS) coordinated by Prof. Rajendra Singh (Assistant Professor) and Prof. Shashilata Rawat (Assistant Professor).



•LNCTS signed MOU with Institute of Advance Skill Training for providing workshops, Industrial training ,Visits & and Internship to students of EC/ EE/EX/ ME. The MOU was signed with the objective of bridging the gap between the education and industries. Institute of Advance Skill Training works in the field of PLC Scada, industry IOT, Panel Design, Full stack development, embedded system, Java development, and web development.

•LNCTS signed MOU with DRMZ System Innovations Pvt. Ltd. on 10/05/2023 for providing workshops, Industrial training, Visits & and expert lectures to students of ECE.

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

Lakshmi Narain College of Technology & Science (LNCTS)

AND

Drmz System Innovations Pvt Ltd

This Memorandum of Understanding (hereinafter called as the MoU) is entered into on this the 10th day of May 2023 by and between.

Lakshmi Narain College of Technology & Science, Bhopal, the First Party represented herein by its Principal of Institution **Lakshmi Narain College of Technology & Science**. And **Drmz System Innovations Pvt Ltd** . The Second party, and represented herein by its Centre Head / Director / Managing Director Kedesh Moorey Managing Director

WHEREAS:

A) First Party is a Higher Educational Institution named: **Lakshmi Narain College of Technology & Science**.

B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Placement, Industrial Visit, Expert Lecture.

D) **Drmz System Innovations Pvt Ltd.** - the Second Party is engaged in Industrial automation, Embedded systems Designs, Industrial Products, Educational services etc.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

CLAUSE I CO-OPERATION

1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.

1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.

1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

contact@drmztech.com
www.drmztech.com

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Flat No. 401, Siddharth Apartment, Plot No 88 B,
Kasturba Nagar, Near Chetak Bridge, Bhopal - 462011
Phone - 0755-4238935

Jabalpur Centre
1352, Kamal Tower 1st Floor, Yadav Colony Road,
Beside Rama Chartrajee Hospital, Jabalpur
Phone - 0761-4015396

Faculty Awards & Recognition

Dr. Aparna Gupta (Professor)

1. Dr. Aparna Gupta has been participated in a 5 Days FDP on "Design of High-frequency Antennas for Real time Applications" organized by GMRIT, Rajam.

2. Dr. Aparna Gupta has mentored the project in 12th CSI-InApp International Student Project Awards 2023 organized by Inn-App.

GMR Institute of Technology
&
V R Siddhartha Engineering College
Department of Electronics and Communication Engineering

CERTIFICATE OF PARTICIPATION

Hereby awarded to

Dr. APARNA GUPTA, ASSOCIATE PROFESSOR
LNCT COLLEGE

For actively participating in online five day FDP on 'Design of High-frequency Antennas for Real-time Applications (DHARA 2023)' jointly organized by the Department of ECE of GMR Institute of Technology, Rajam and the Department of ECE of VR Siddhartha Engineering College, Vijayawada, Andhra Pradesh on 14-18 March, 2023.

Prof. V.Jagan Naveen, HoD, ECE, GMRIT
Dr. D. Venkata Rao, HoD, ECE, VRSEC
Dr. A. V. Ratna Prasad, Principal, VRSEC
Prof. C.L.V.R.S.V. Prasad, Principal, GMRIT

Prof. Niketan Mishra (Assistant Professor)

1. Prof. Niketan Mishra has Published a research paper on "Design Microstrip Notch Antenna for RF Energy Harvesting in S-band Applications" in ICETET.

12th CSI-InApp INTERNATIONAL STUDENT PROJECT AWARDS | 2023

InApp

Computer Society of India
Trivandrum Chapter

ACADEMIC PARTNER
APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

Certificate OF PARTICIPATION

This is to certify that

Dr. Aparna Gupta

has mentored the project

Lake/Pool Cleaner Robot Using Internet of Things

at the 2nd Round of the 12th CSI-InApp International Student Project Awards 2023 held between 20th and 21st May 2023.

Vijay Kumar P
Chief Executive Officer, InApp

Prof. (Dr.) Elizabeth Sherly
Chairperson, CSI- Trivandrum Chapter

DESIGN MICROSTRIP NOTCH ANTENNA FOR RF ENERGY HARVESTING IN S-BAND APPLICATIONS

Student Awards & Recognition

Student Manjeet Singh Sirohi from EC 5th Sem LNCTS got certified by CISCO, CCSKby completing courses on Cyber security and Cloud Security.

Cloud Security Alliance

Manjeet Singh Sirohi

CCSK v4.1 Foundation Training

25 May 2023

JOHNS HOPKINS UNIVERSITY

COURSE CERTIFICATE

Vikhyat Gupta

HTML, CSS, and Javascript for Web Developers

coursera

Cisco Networking Academy

Introduction to Cybersecurity

Manjeet Singh Sirohi

LNCT Group of College

25 May 2023

SCA

Certificate of Excellence

This is to certify that Mr. / Mr. TARUN YADAV

has successfully completed the "C++ THROUGH C"

course / workshop from 12TH - SEPT - 2022 to 10TH - JAN - 2023

We wish him / her a very bright future in his / her career.

SCA / XXIII / 3611

Director

Student Vikhyat Gupta from EC 5th Sem LNCTS has been participated in Coursera Course on "HTML,CSS & Java scripts for Web Developers".