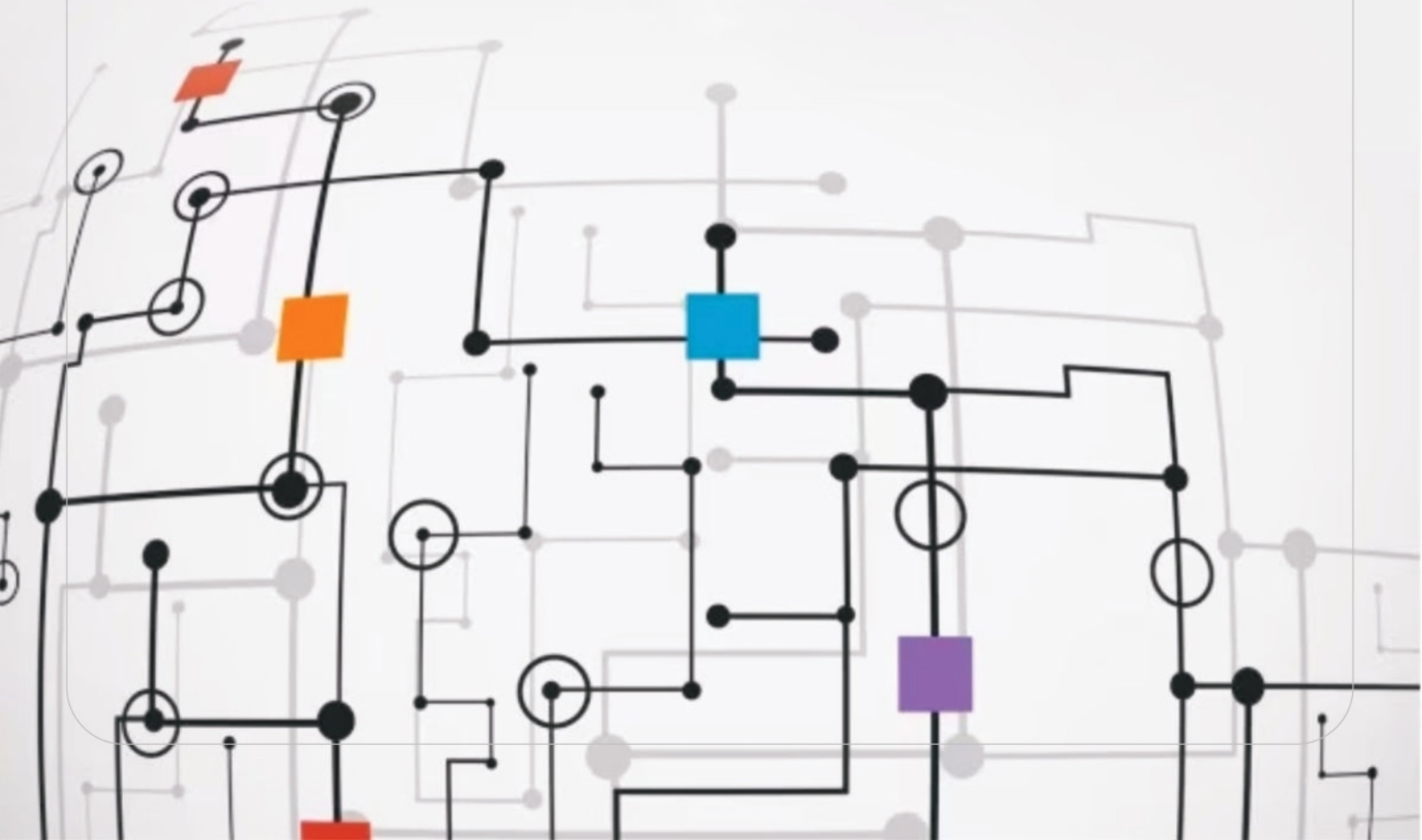
LAKSHMI NARAIN COLLEGE OF TECHNOLOGY & SCIENCE, BHOPAL

NEWS LETTER

Jan 2021 to June 2021

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.

PROGRAM EDUCATIONAL 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.

1. FDP/Expert Lecture/Seminar/Workshop/Conference

• An Online Interactive session organized by Department of EC LNCTS on "Successful Startup Founders" by Mr. Ayush Ashish, "Alumni of LNCTS EC Branch 2020 passed out batch" on Monday 16-01-2021 from 11:00AM to 12:00PM) for the students of EC 3rd semester LNCTS Students.

• One week FDP on "Python" is organized by CS Deptt. LNCT Group of Colleges from 20/01/2021 to 27/01/2021 at 09:00AM to 11:00AM. Faculties including HOD's from different colleges (LNCT Group) and different branch have been participated actively. The FDP was too informative, Interesting and joyful for every participant. FDP was very helpful to learn about the basics of Python with the help of their Syntaxes, Programs, Python IDLE platform, Google Colab, SQL for practice etc. Faculties of EC LNCTS got certified by CISCO after qualifying the different Modules under FDP duration.

PYTHON INSTITUTE

PCAP: Programming Essentials in Python

Statement of Achievement

Presented To:

Soheb Munir
Name

During the Cisco Networking Academy® self-paced course,the student has studied the following Skills:

- the universal concepts of computer programing (i.e. variables, flow control, data structures, algorithms, conditional execution, loops, functions, etc.)
- developer tools and the runtime environment;
- the syntax and semantics of the Python language;
- the fundamentals of object-oriented programing and the way they are adopted in Python;
- the means by which to resolve typical implementation problems;
- the writing of Python programs using standard language infrastructure;
- fundamental programing techniques, best practices, customs and vocabulary, including the most common library function in Python 3;

Maciej Wichary
VP OpenEDG Python Institute

29 Jan 2021
Date

By completing the course, the student is now ready to attempt the qualification PCAP-Certified Associate in Python Programing certification, from the OpenEDG Python Institute.

www.netacad.com/www.pythoninstitute.org

PYTHON INSTITUTE

PCAP: Programming Essentials in Python

Statement of Achievement

Presented To:

Aparna Gupta
Name

During the Cisco Networking Academy® self-paced course,the student has studied the following Skills:

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PYTHON INSTITUTE

PCAP: Programming Essentials in Python

Statement of Achievement

Presented To:

Rahul Sharma
Name

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PYTHON INSTITUTE

PCAP: Programming Essentials in Python

Statement of Achievement

Presented To:

Sanket Choudhary
Name

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PCAP: Programming Essentials in Python

Statement of Achievement

Presented To:

Niketan mishra

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Maciej Wichary
VP,OpenEDG Python Institute

27 Jan 2021
Date

PCAP: Programming Essentials in Python

Statement of Achievement

Presented To:

Rajendra Singh

During the Cisco Networking Academy® self-paced course,the student has studied the following Skills:

- the universal concepts of computer programing (i.e. variables, flow control, data structures, algorithms, conditional execution, loops, functions, etc.)
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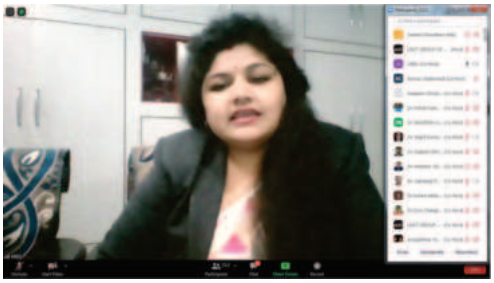
- fundamental programing techniques, best practices, customs and vocabulary, including the most common library function in Python 3;

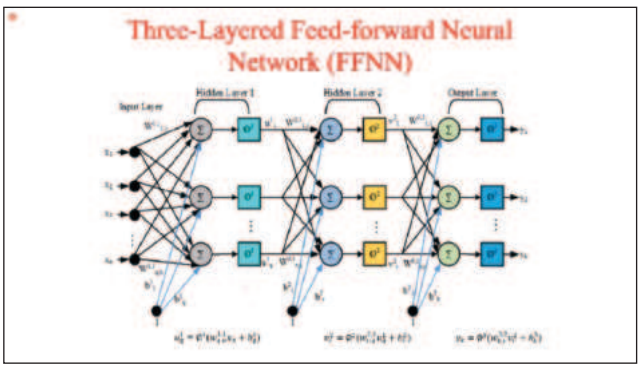
Maciej Wichary
VP,OpenEDG Python Institute

29 Jan 2021
Date

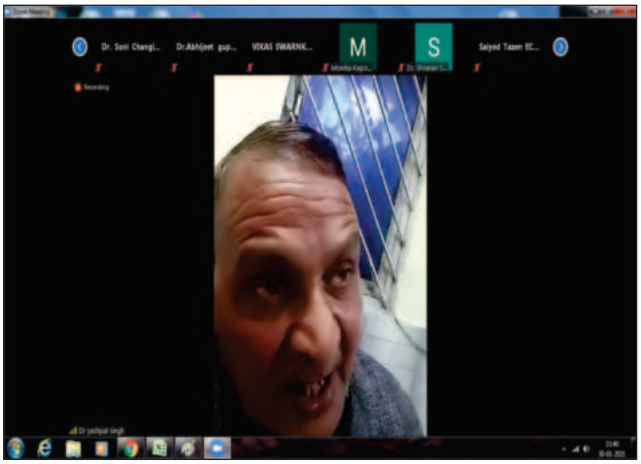
• International Conference on "Soft computing techniques & Communication Engineering" is organised by Department of EC, CSE & IT of LNCT Group of Colleges from 29-01-2021 to 30-01-2021. Inaugural Ceremony is organised in LNCT Group under the Guest of Honour "Mr. Sunil Kumar- Vice Chancellor RGPV University", Respected Management, OSD's, Principals, HOD's, Faculties of LNCT Group and participants outside from the LNCT Group.



•International Conference on "Soft computing techniques & Communication Engineering" is organised by Department of ECE of LNCT Group of Colleges on 30-01-2021. Participants from LNCT Group (Faculties, Students) & outside has participated and presented their research paper. Conference had been successfully completed under the guidance of Dr. SohebMunir (HOD, EC-LNCTS) coordinated by Dr. Aparna Gupta (Professor).



LNCT
GROUP OF COLLEGES
Online Two Days International
Conference
on
"SOFT COMPUTING TECHNIQUES & COMMUNICATION ENGINEERING"
Day 2 Session 1
DEPARTMENT OF ELECTRONICS & COMMUNICATION



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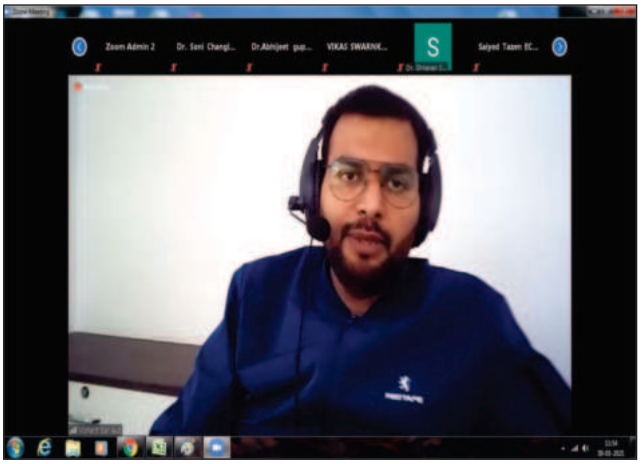
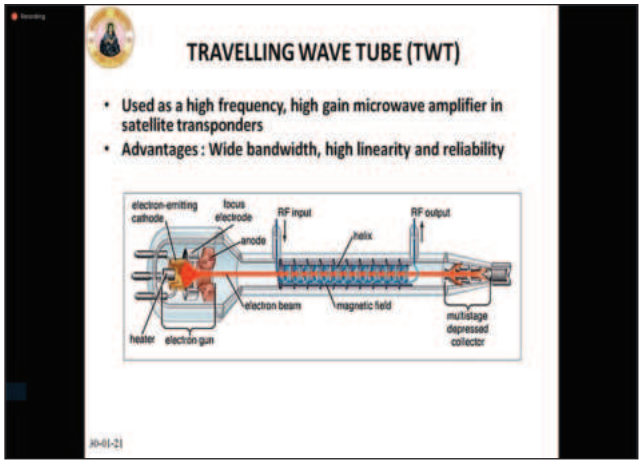
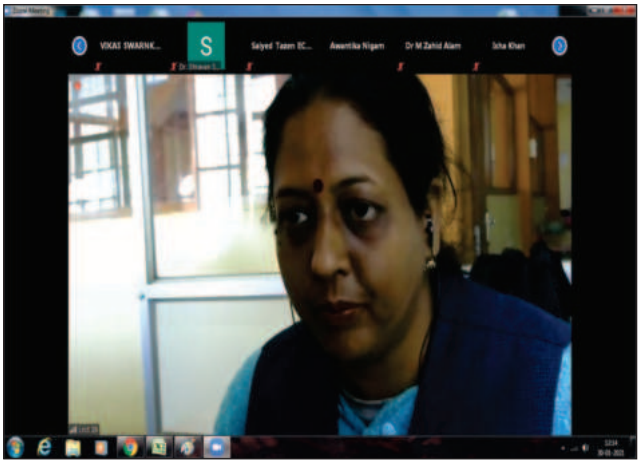
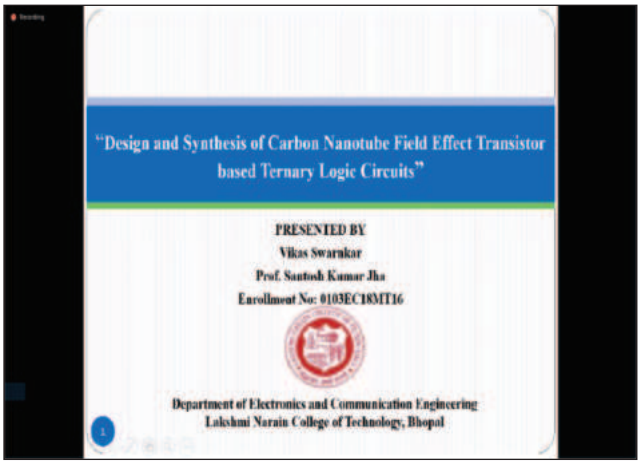


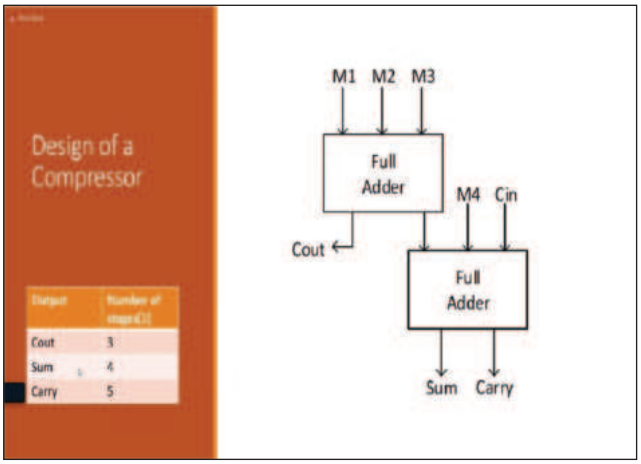

TRAVELLING WAVE TUBE (TWT)
• Used as a high frequency, high gain microwave amplifier in satellite transponders
• Advantages : Wide bandwidth, high linearity and reliability
electron-emitting cathode
focus electrode
anode
RF input
helix
RF output
electron beam
magnetic field
multistage depressed collector
heater
electron gun

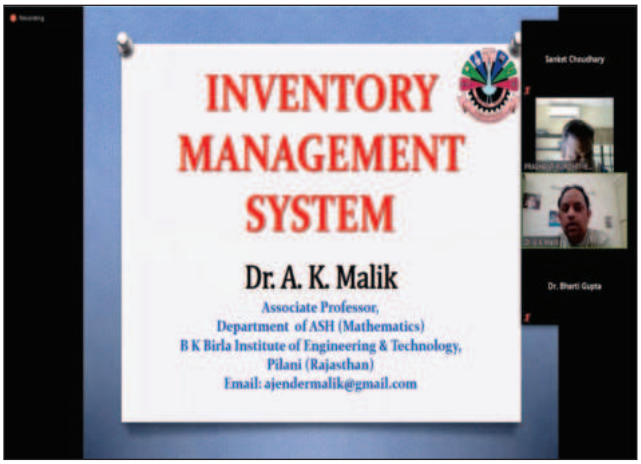


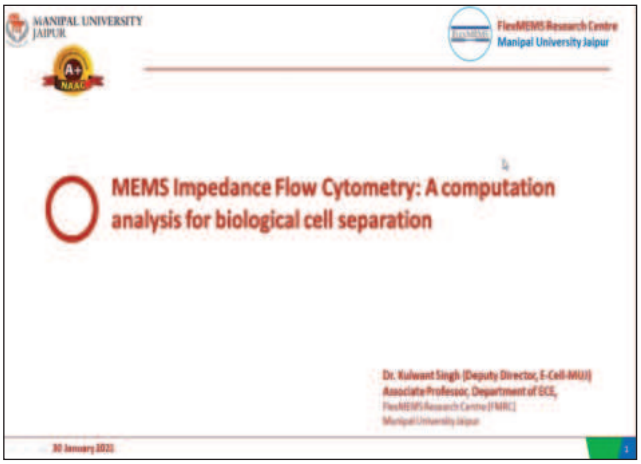

"Design and Synthesis of Carbon Nanotube Field Effect Transistor based Ternary Logic Circuits"
PRESENTED BY
Vikas Swarnkar
Prof. Santosh Kumar Jha
Enrollment No: 0103EC183MT16
Department of Electronics and Communication Engineering
Lakshmi Narain College of Technology, Bhopal

Presentation Area
"5G: Impact on Pharmaceutical Industry in Indian"
Presented By:
Ms Manju
Ph.D. Research Scholar
Department of Economics
Panjab University Chandigarh

What is 5G TECHNOLOGY ?
5G technology represents the "Fifth-generation" in a field of wireless communication network. It is promises decreased latency, high speeds, and a more associated environment friendly. It is a new global wireless standard after 1G, 2G, 3G, and 4G networks. 5G enables a new kind of network that is designed to connect virtually everyone and everything together including machines, objects, and devices.
5G wireless technology is meant to deliver higher multi-Gbps peak data speeds, ultra-low latency, more reliability, massive network capacity, increased availability, and a more uniform user experience to more users. Higher performance and improved efficiency empower new user experiences and connects new industries like pharmaceutical industry. The 5G technology is a paradigm shift because it is not only about a network. Instead, it is about an ecosystem of devices and sensors which can be intelligently connected in order to overhaul business and economic policy.


Design of a Compressor
Cout 3
Sum 4
Carry 5
M1 M2 M3
Full Adder
M4 Cin
Cout
Full Adder
Sum Carry


INVENTORY MANAGEMENT SYSTEM
Dr. A. K. Malik
Associate Professor,
Department of ASH (Mathematics)
B K Birla Institute of Engineering & Technology,
Pilani (Rajasthan)
Email: ajendermalik@gmail.com


MANIPAL UNIVERSITY JAIPUR
FlexMEMS Research Centre
Manipal University Jaipur
MEMS Impedance Flow Cytometry: A computation analysis for biological cell separation

Functioning: Impedance Flow Cytometry for Cell Separation

FlexMEMS Research Centre
Manipal University Jaipur

Movement of Cell in Fluid with Influence of Electric Field Dielectrophoresis

CASE-I: $\varepsilon_{cell} < \varepsilon_{medium}$

Cell moves away from electrodes (Weaker Electric Field)

CASE-II $\varepsilon_{cell} > \varepsilon_{medium}$

Cell moves towards electrodes (Stronger Electric Field)

DEP force was first explored by researcher H.A. Pohl in 1958 (Pohl, 1958) and can mathematically expressed by equation below

$$\langle F_{DEP} \rangle = 2\pi\varepsilon_m R^3 \mathrm{Re}[CM^*]\nabla|E_{rms}|^2 \quad (1)$$

Here:

R= Radius of the cell/particle
ε_m= Medium permittivity
$[CM^*]$ = Clausius Mossotti factor
$|E_{rms}|^2$ = RMS value of electric field
ε^*_p= Complex permittivity of particle
ε^*_m= Medium permittivity of medium

$$CM^* = \left(\frac{\varepsilon^*_p - \varepsilon^*_m}{\varepsilon^*_p + 2\varepsilon^*_m}\right)$$

$$\varepsilon^*_p = \varepsilon_p - i\frac{\sigma_p}{\omega}$$

$$\varepsilon^*_m = \varepsilon_m - i\frac{\sigma_m}{\omega}$$

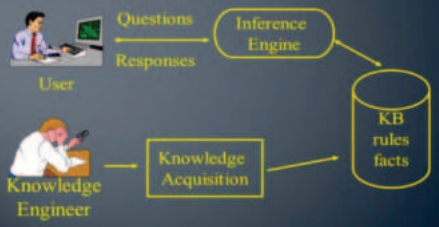
Role | Background | Overview | Potential | Functioning | Cell Levitation | Structure Optimization | Current Stage | Future Advancement | What @MU

What is Soft Computing?

- Soft Computing is a field that currently includes
- Fuzzy Logic
- Neural Networks
- Probabilistic Reasoning(Genetic Algorithms and Evolutionary computing etc.)
- Other related methodologies
- Soft Computing combines knowledge, techniques, and methodologies from the sources above to create intelligent systems.

AI Approach

- An expert system: one of the most successful (conventional AI products)



Introduction: Numerically Control Oscillator

- Generates a discrete-time, discrete-value form of any waveform (sinusoidal signal)
- Tuneable digital frequency generator: takes source frequency (f_{ref}) as input and outputs digitized sinusoid signal (f_{out}).
- Frequency can be tuned by a frequency control word register(FCW)

Table.1 :NCO Advantages over other analog methods:

Parameters	Numerical Control Oscillator	Analog Oscillator
1. Size	Small Area	Bulky in nature
2. Power Consumption	Low	High
3. Frequency and Phase Tunablity	Precise control is possible	Precise control is not possible

- Applications: 1. Aerospace 2. Mobile communications 3. Satellite Communication 5. Function Generators and 6. Radio Receivers

Department of Electronics and Communication Engineering, LNCT, Bhopal

NCO Design: for Direct Digital Frequency Synthesis (DDFS) & Digital Up Converter/Digital Down Converter

	Frequency Resolution	Resource Utilization (Area)	Conversion Time/ Speed	Design Complexity
1. Direct Digital Frequency Synthesis (DDFS)	Good (Generates frequency in MHz)	Low	Lowest	Simple
2. Digital Up Converter (DUC)/Digital Down Converter (DDC)	Precise (Directly generates frequency in GHz)	Low	Moderate	Moderate

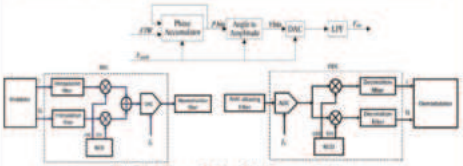
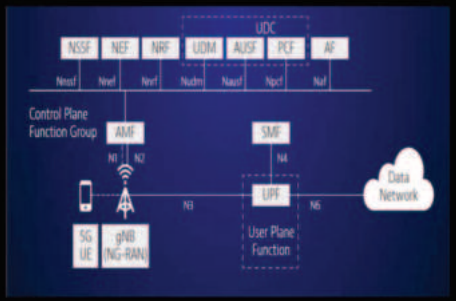


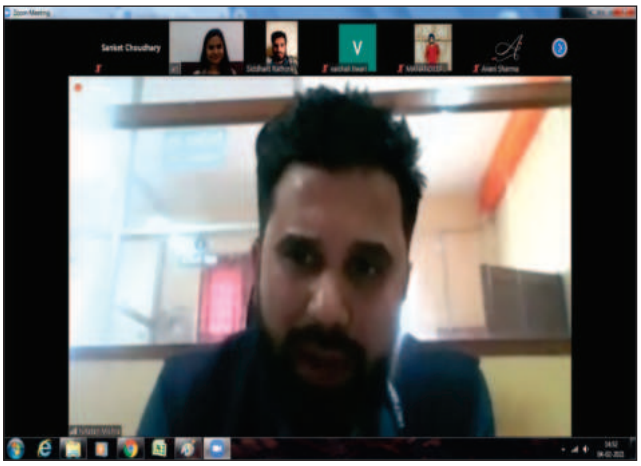
Fig.4: Block Diagram of 1) Direct Digital Frequency Synthesis 2) Digital up converter (DUC) and Digital down converter (DDC)

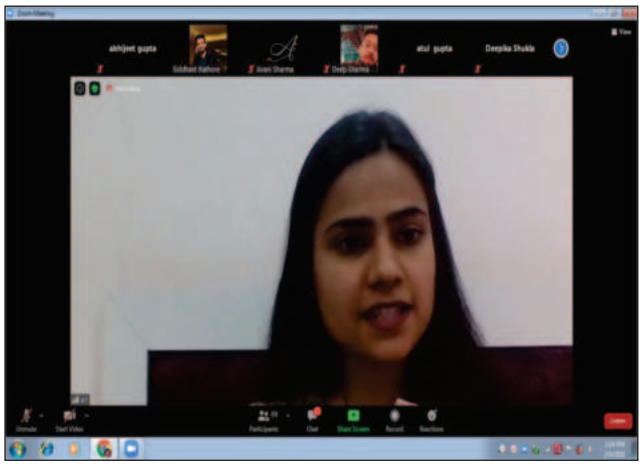
Department of Electronics and Communication Engineering, LNCT, Bhopal

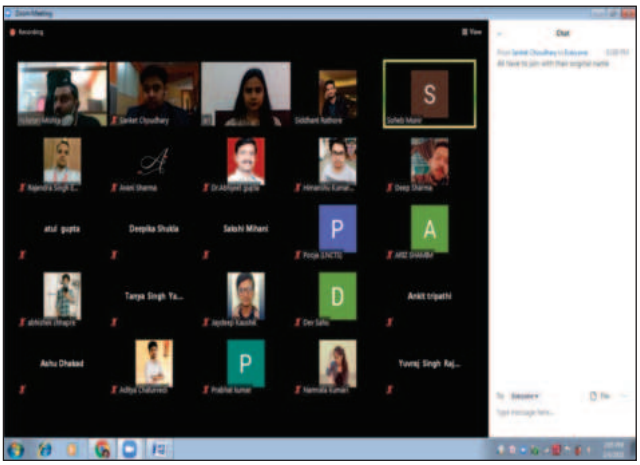
5G CORE ARCHITECTURE



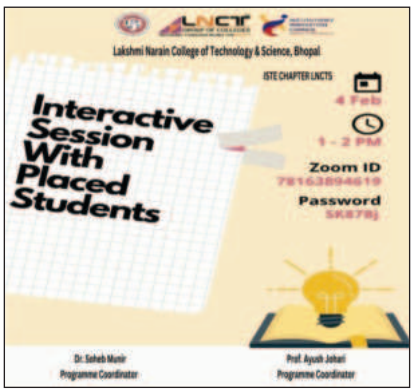
• EC department LNCTS has organized an Interaction program for EC 3rd sem students with placed students (Mr. Siddhant Rathore and Ms. Ariba Mev) on 04-02-2021 from 2:00 to3:00 PM. These placed students have shared their experiences during process of selection under various levels such as how to make resume, how to improve soft skills. Placed students also have satisfied all queries of upcoming aspirants to be placed for the campus placement. The session had been successfully completed under the guidance of Dr. Soheb Munir (HOD, EC-LNCTS) coordinated by Prof. Niketan Mishra (Assistant Professor).

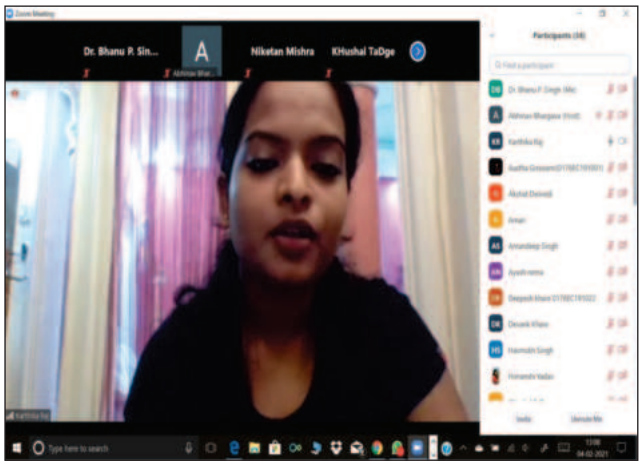


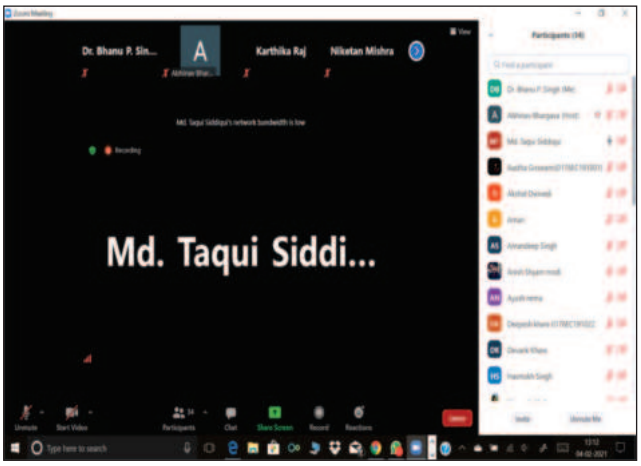


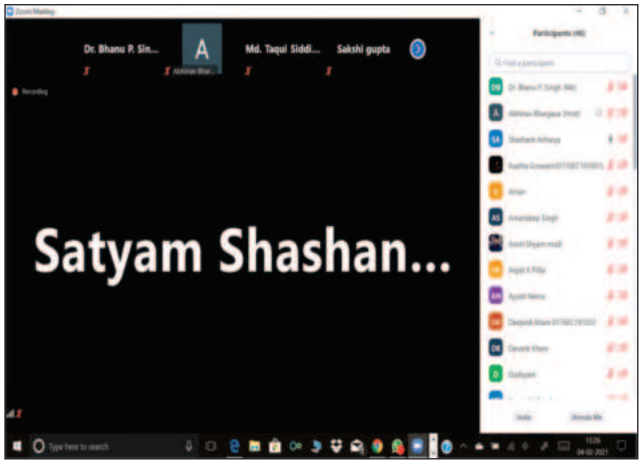


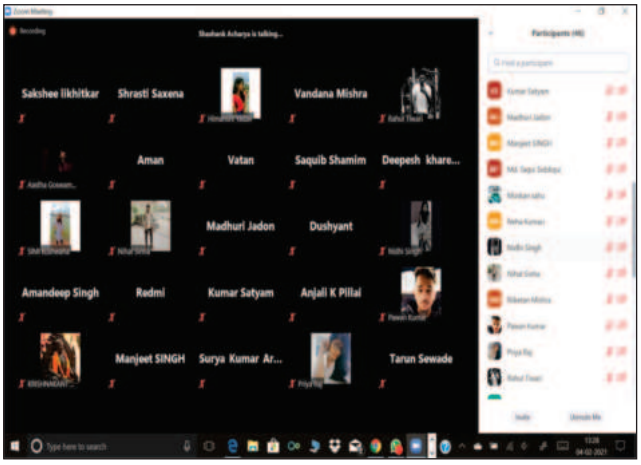
•EC department LNCTS has organized an Interaction program for EC 3rd sem students with placed students (Ms. Karthika Raj, Mr. Md. Taqui Siddiqui, Mr. Shashank Acharya and Mr. Satyam Shashank) on 04-02-2021from 1:00 to 2:00PM.These placed students have shared their experiences during process of selection under various levels such as how to make resume, how to improve soft skills. Placed students also have satisfied all queries of upcoming aspirants to be placed for the campus placement. The session had been successfully completed under the guidance of Dr. SohebMunir (HOD, EC-LNCTS) coordinated by and Prof. Ayush Johari (Assistant Professor).

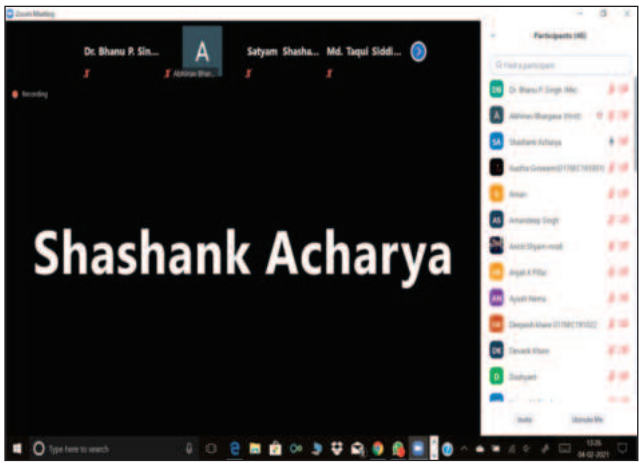


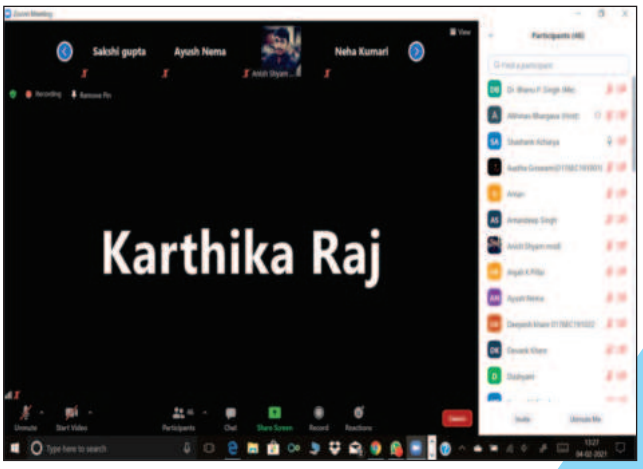




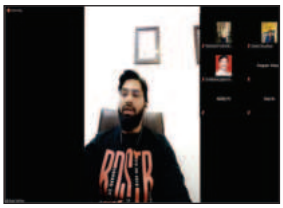






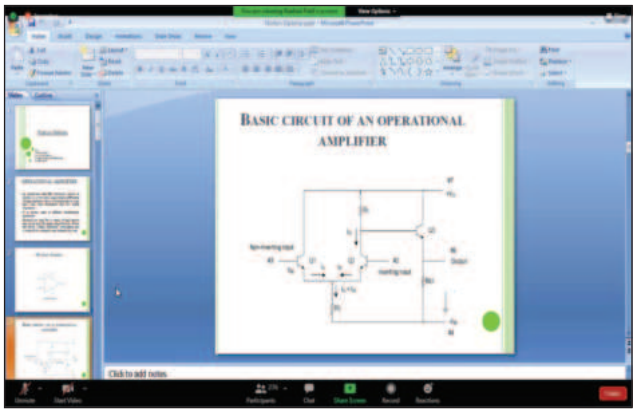


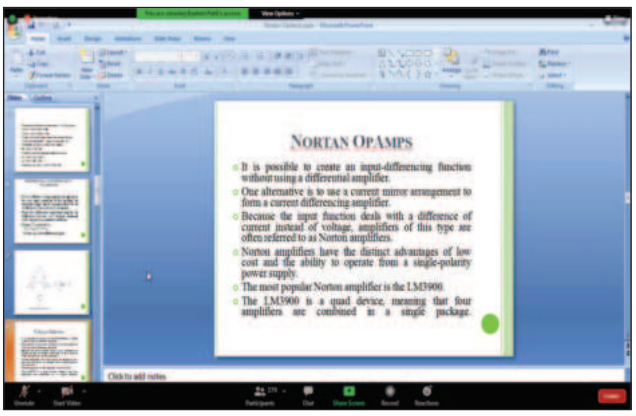
• EC department LNCTS has organized an online webinar on "Carrier opportunities in Internet of Things "for EC 3rd sem LNCTS students with Speaker Mr. Aizaz Tirmizi, HR Manager SOFCON India Pvt. Ltd. Bhopal on 06-02-2021 at 02:00 PM.

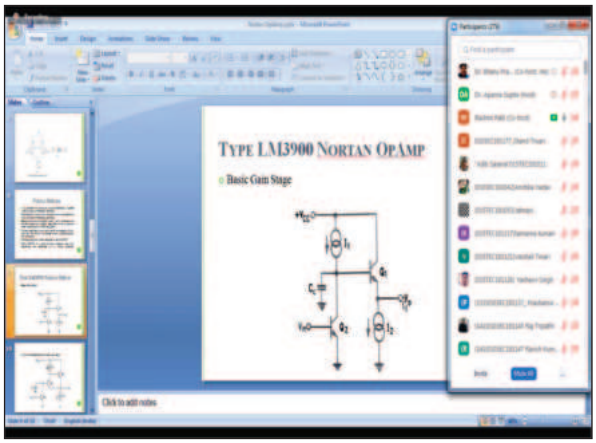


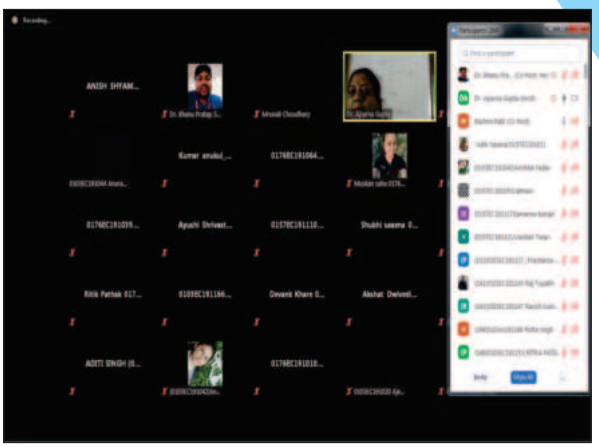
• An Interactive session organised by Department of ECE LNCTS on "Placement Interaction, Start-up Environment, Digital Citizenship & Internet Maturity Skills for college students " by Mr. Yadav Hemant Santram, "B.tech Scholar of LNCTS EC Branch Final year Student" on Tuesday 16-03-2021 from12:00PM to 03:00PM) for the students of EC 4th semester LNCTS. The session was too Interactive, Informative and interesting for students which focuses on how to get placements, how to get Digital Citizenship for learning advanced technologies, how can one become a successful Entrepreneur. The session was delivered successfully under the guidance of Dr. Soheb Munir (HOD EC LNCTS), Coordinated by Dr. Abhijeet Gupta(Professor).

• An Online Expert talk session organised by Department of EC LNCTSon "Norton Op-Amps" by Dr. Rashmi Patil, "Assistant Professor, Sinhgad Academy of Enginnering College, Pune" on Friday 19-03-2021 from 03:00PM to 04:00PM) for the students of EC 4th semester LNCTS Students. The session was too Interactive, Informative and interesting for students which focuses on the various concepts of Op-Amps, Their functions, Classifications and Applications. The session was delivered successfully under the guidance of Dr. Soheb Munir (HOD EC LNCTS), Coordinated by Dr. Aparna Gupta (Professor).

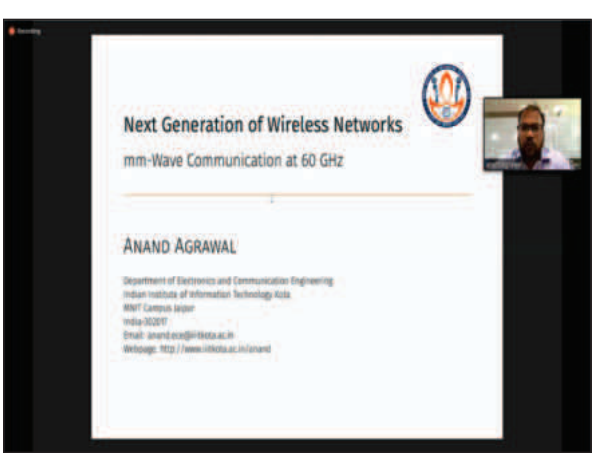


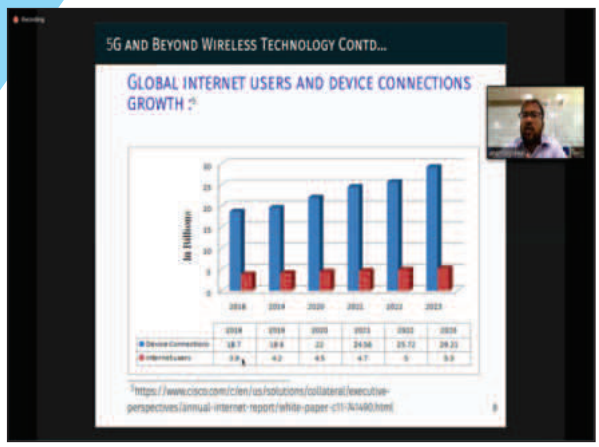


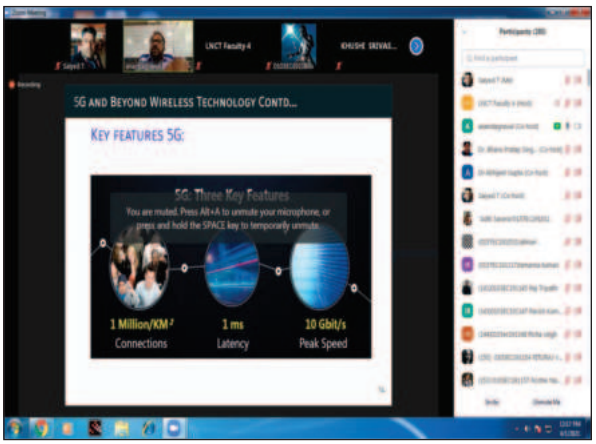


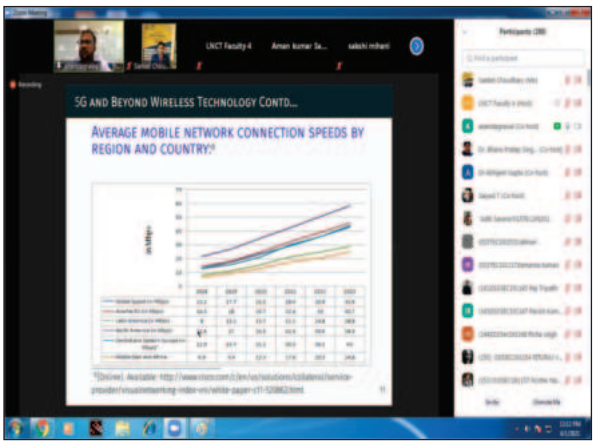


• An Online Expert talk session organised by Department of EC LNCTS on "mm Wave Communication: Future of Wireless Network " by Dr. Anand Agrawal, "Assistant Professor, Indian Institute of Information Technology, Kota" on Thursday 01-04-2021 from11:45AM to 12:45PM) for the students of EC 4thsemester LNCTS. The session was too Interactive, Informative and interesting for students which deals with next generation of wireless network, 5G & Beyond wireless technology. The session was delivered successfully under the guidance of Dr. Soheb Munir (HOD EC LNCTS), coordinated by Prof. Sanket Choudhary (Assistant Professor).

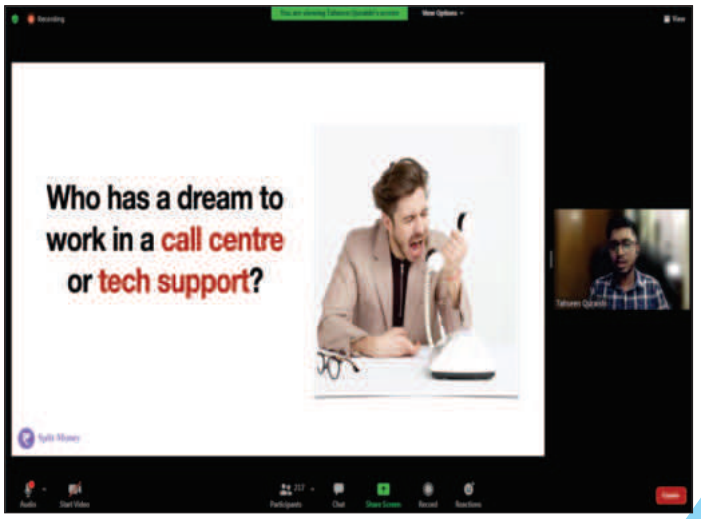


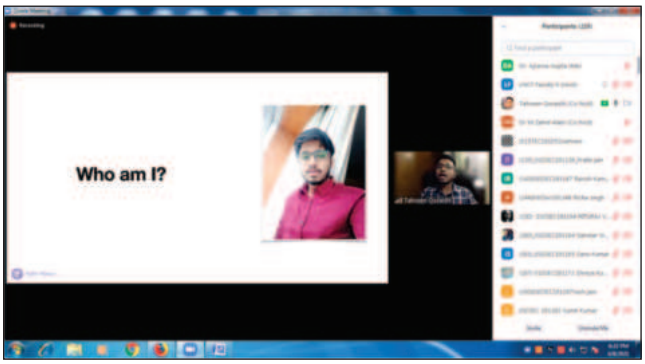


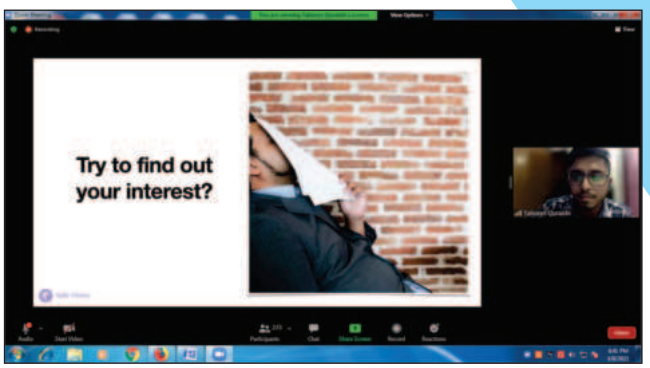


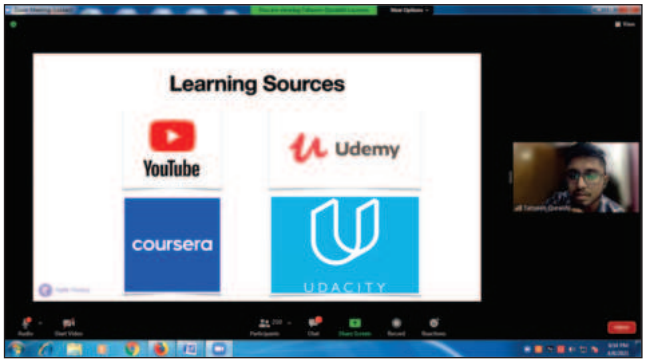


• An Online Expert talk session organised by Department of EC LNCTS on "Converting an idea into Reality for brighter future" by Mr. Mohammad Tahseen, "Web & Mobile Application Developer(An LNCT Alumni)" on Thursday 08-04-2021 from 02:45PM to 03:45PM) for the students of ECE 4thsemester LNCTS. The session was too Interactive, Informative and interesting for students which deals with how to search good jobs, How we should prepare to do campus, what else can be done except Jobs etc. The session was delivered successfully under the guidance of Dr. Soheb Munir (HOD EC LNCTS), Coordinated by Prof. Shaeba Khan (Assistant Professor).









An Online Expert talk session organised by Department of EC LNCTS on "Indian space revolution and future opportunities " by Mr. Niitesh Kumar Agrawal, "Researcher, Dept. of Avionics, Indian Institute of Space Science and Technology, Thiruvananthpuram, Kerala" on Wednesday 28-04-2021 from 11:45AM to 12:45PM) for the students of EC 4th semester LNCTS Students. The session was too Interactive, Informative and interesting for students which deals with the evolution of Satellites, It's orbits, Rocket parts and Major operational satellites in India. The session was delivered successfully under the guidance of Dr. Soheb Munir (HOD EC LNCTS), Coordinated by Dr. Amzad Quazi (Associate Professor).

Organized by :
Lakshmi Narain College of Technology & Science, Bhopal
Department of Electronics and Communication
Expert talk on
Indian Space Revolution and Future Opportunities
ISTE CHAPTER LNCTS
Wednesday, 28 April 2021
Speaker
Niteshkumar Agrawal
Researcher,
Department of Avionics, Indian Institute of Space Science and Technology,
Thiruvananthapuram, Kerala,India
(Former researcher at LCU, China)
Coordinators:
Dr. Soheb Munir
Dr. Amzad Quazi
www.LNCT.ac.in, www.LNCTU.ac.in | Follow Us on | 7440777111/222/555

Sachin Kumar Jha 0103EC191113_...
Dr. Vivek Jain
Kumar anukul_...
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0103EC191163_...
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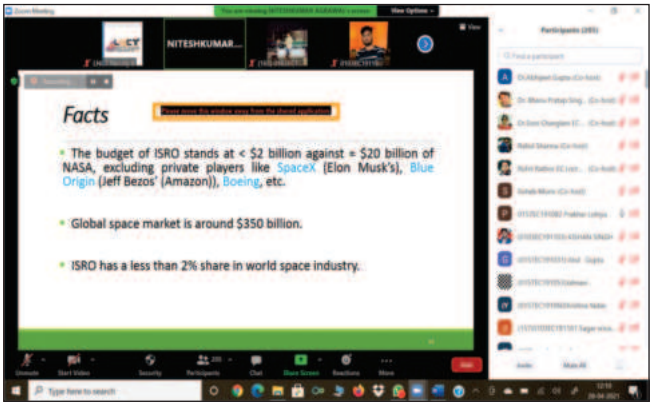
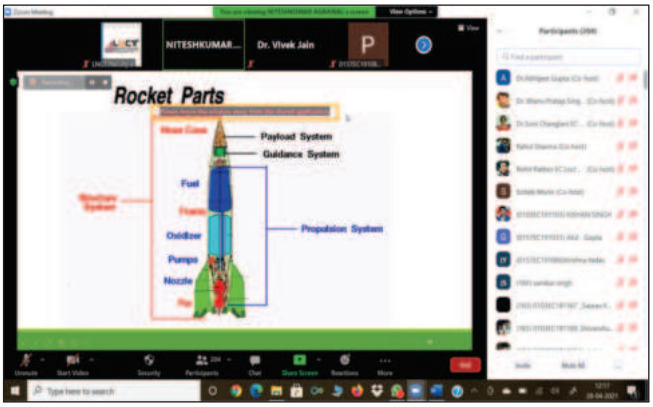
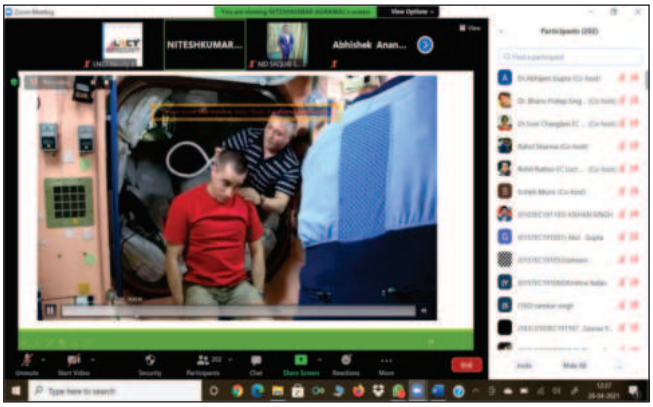
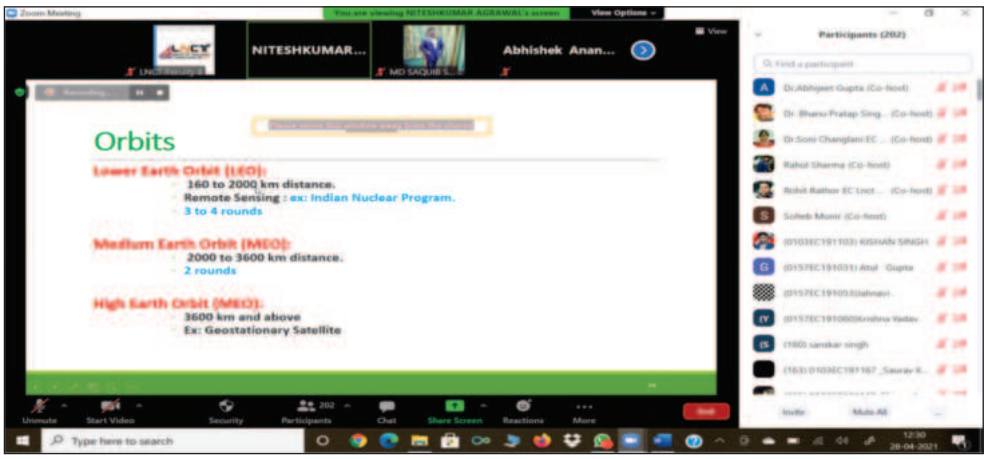
NITESHKUMAR...
India's first Satellite..
India launched it's first satellite Aryabhata in 1975 from Kapustin Yar
Named after the great Indian astronomer of the same name
Aryabhata was built to conduct X ray astronomy, aeronomics, and solar physics

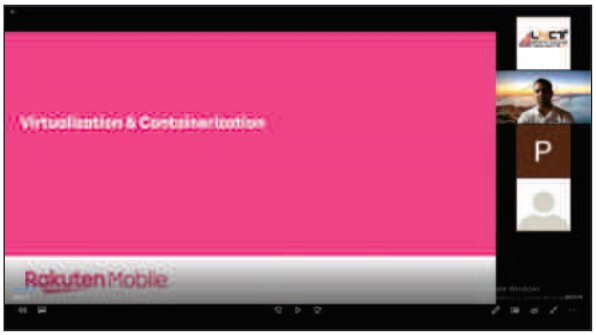

NITESHKUMAR...
Facts
The budget of ISRO stands at < $2 billion against ≈ $20 billion of NASA, excluding private players like SpaceX (Elon Musk's), Blue Origin (Jeff Bezos' (Amazon)), Boeing, etc.
Global space market is around $350 billion.
ISRO has a less than 2% share in world space industry.

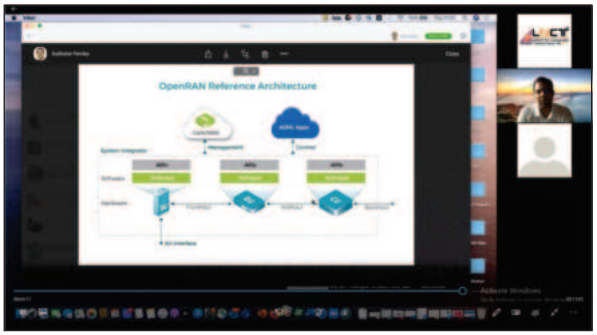

NITESHKUMAR...
Dr. Vivek Jain
Rocket Parts
Payload System
Guidance System
Fuel
Oxidizer
Pumps
Nozzle
Propulsion System


NITESHKUMAR...
Abhishek Anan...



• An Online Expert talk session organised by Department of ECE LNCTS on "Virtualization in Telecom" by Mr. Sudhakar Pandey, Head-RAN Intellegent Operations, Rakutan Mobile Inc., Tokyo, Japan" on Thursday 29-04-2021 from 01:30 to 02:30 PM) for the students of ECE 4th semester LNCTS Students. The session was too Interactive, Informative and interesting for students which deals with Virtualization in telecom, ETSI Network Functioning, Open Ran reference Architecture with many more things. The session was delivered successfully under the guidance of Dr. Soheb Munir (HOD ECE LNCTS) & Prof. Litesh Bopche (Assistant Professor).





2. Faculty Awards & Recognition

Dr. Soheb Munir (HOD, EC LNCTS)

1. Dr. Soheb Munir has been participated in Online One week FDP "On Academic and Administrative Issues in HEIs" organized by IQAC, MVM, Bhopal.
2. Dr. Soheb Munir has been participated in Online One week FDP "Python" organized by T & P Cell LNCT, Bhopal.
3. Dr. Soheb Munir has been published a paper on International Journal (IJIRSET).
4. Dr. Soheb Munir has been participated in Online One week FDP "Future and Challenges in Engineering and Technology" Organized by "Krishna Engineering College".
5. Dr. Soheb Munir has been participated in One Week TTP "Applied Natural Language Processing" organized by AICTE RGPV at LNCTE, Bhopal.
6. Dr. Soheb Munir has been participated in One Week STTP "Electric Vehicle" at LNCT Bhopal, Sponsored by AICTE under AQIS New Delhi.
7. Dr. Soheb Munir has been participated in One Week STTP "Electric Vehicle" at LNCT Bhopal, Sponsored by AICTE under AQIS New Delhi.
8. Dr. Soheb Munir has been participated in One Week STTP "Electric Vehicle" at LNCT Bhopal, Sponsored by AICTE under AQIS New Delhi.
9. Dr. Soheb Munir has been participated in 3 Days Online Workshop "VLSI Based System Design" organized by IIIT Guwahati, funded by TEQIP-III.
10. Dr. Soheb Munir has been participated & presented Paper in Online Two days International Conference "Soft Computing Techniques & Communication Engineering" Organized by CSE & IT Department LNCT Group of colleges, Bhopal.
11. Dr. Soheb Munir has been participated & presented Paper in Online Two days International Conference "Soft Computing Techniques & Communication Engineering" Organized by EC, CSE & IT Department LNCT Group of colleges, Bhopal.
12. Dr. Soheb Munir has been participated & presented Paper in Online Two days International Conference "Soft Computing Techniques & Communication Engineering" Organized by CSE & IT Department LNCT Group of colleges, Bhopal.
13. Dr. Soheb Munir has been participated in Online One week FDP "Python" organized by T & P Cell LNCT, Bhopal sponsored by CISCO Networking Academy.

Govt. Motilal Vigyan Mahavidyalaya, Bhopal (M.P.)

Certificate of Participation

One Week Online Faculty Development Program (FDP)

(From 08th Feb.2021 To 13th Feb.2021)

Organized By: IQAC

This is to certify that Dr./Prof/Ms./Mr Soheb Munir From LNCTS bhopal has participated in the Faculty Development Program (FDP) "On Academic and Administrative Issues in HEIs" organized by IQAC, MVM, Bhopal (M.P).

Co-ordinator (IQAC) Dr.R.S.Raghuwanshi | Organizing Secretary (Dr.D.S.Saluja) | Convener Dr.Neelam Dubey | Patron Dr. Mahendra Singh (Principal)

LNCT UNIVERSITY

LNCT GROUP OF COLLEGES

Python FDP

20-27 January 2021

Certificate of Participation

This is to certify that Dr. Soheb Munir from ECE, LNCTS has successfully completed a one-week FDP on Python. The training was conducted by the Department of Training and Placement from 20 Jan. - 27 Jan 2021.

We convey our best wishes and success for all your future endeavours.

CERTIFICATION OF PUBLICATION

IJIRSET

INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN SCIENCE, ENGINEERING AND TECHNOLOGY

This is hereby Awarding this Certificate to

DR. SOHEB MUNIR

Assistant Professor, Dept. of ECE, Lakshmi Narain College of Technology, Bhopal, India

Published a paper entitled

Design and Analysis of 2 X 1 UWB Dumbbell Shaped Microstrip Patch Antenna for 5G Communication Application

in IJIRSET, Volume 10, Issue 5, May 2021

KRISHNA ENGINEERING COLLEGE

MOHAN NAGAR, GHAZIABAD

CERTIFICATE OF PARTICIPATION

Presented with Profound Gratitude to

Dr.Soheb Munir

from

LNCT Group

for successful completion of online one week Faculty Development Programme on " Future and Challenges in Engineering and Technology " held from 14th May 2021 - 18th May 2021.

DR. ARCHANA PANDEY Coordinator | DR. M. K. SINGH Director

Made for free with Certify'em

Rajiv Gandhi Proudyogiki Vishwavidyalaya, M.P.

(State Technological University of Madhya Pradesh)

[Accredited with Grade "A" by NAAC]

CERTIFICATE

AICTE - RGPV Teachers Training Program on

Applied Natural Language Processing

18th – 23rd January 2021

This certificate is awarded to SOHEB MUNIR

from LNCTS bhopal

on successful completion of one week online Teachers Training Program (TTP)

and subsequently qualifying the examination conducted under AICTE-RGPV TTP organised at

Lakshmi Narain College of Technology Excellence, Bhopal

Dr. Megha Kamble, Program Coordinator, LNCT, Bhopal | Dr. Savita Vyas, Nodal Officer, AICTE FDP, RGPV Bhopal | Dr. C. S. Verma, Regional Officer, CRO, AICTE, Bhopal | Prof. Sunil Kumar, Vice Chancellor, RGPV, Bhopal

CERTIFICATE

OF APPRECIATION

This is to certify that Dr. Soheb Munir of LNCT Group of College Bhopal has participated successfully in One Week Online Short Term Training Program on "ELECTRIC VEHICLE" held at Lakshmi Narain College of Technology Bhopal, Madhya Pradesh, India during 08th-13th February 2021 sponsored by All India Council for Technical education (AICTE) under AQIS New Delhi India .

CERTIFICATE

OF PARTICIPATION

This is to certify that DR. SOHEB MUNIR of LNCT Group has participated successfully in One Week Online Short Term Training Program on "ELECTRIC VEHICLE" Phase-II, held at Lakshmi Narain College of Technology Bhopal, Madhya Pradesh, India during 08th-13th March 2021, sponsored by All India Council for Technical Education (AICTE) under AQIS New Delhi India.

CERTIFICATE

OF PARTICIPATION

This is to certify that DR. SOHEB MUNIR of LNCT Group Bhopal has participated successfully in One Week Online Short Term Training Program on "ELECTRIC VEHICLE" Phase-III, held at Lakshmi Narain College of Technology Bhopal, Madhya Pradesh, India during 05th-10th April 2021, sponsored by All India Council for Technical Education (AICTE) under AQIS New Delhi India.

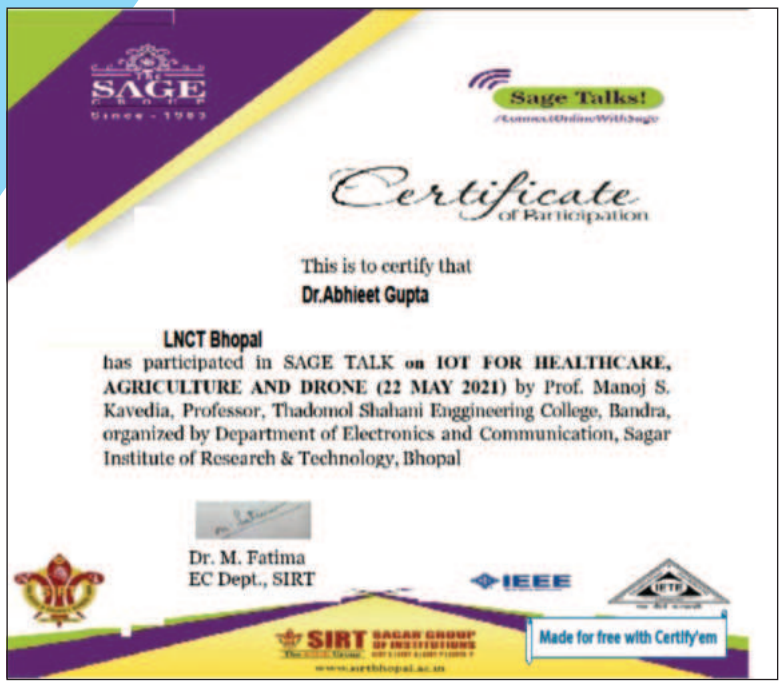
DR. ANUPAM CHOUKSEY | DR. ASHOK KUMAR RAI | DR. AMIT SHRIVASTAVA

Dr. Aparna Gupta(Assistant Professor)

1. Dr. Aparna Gupta has been participated in 5 Days Online FDP "Inculcating Universal Human Values in Technical Education" organized by AICTE.
2. Dr. Aparna Gupta has been participated in Online One week FDP "On Academic and Administrative Issues in HEIs" organized by IQAC, MVM, Bhopal.
3. Dr. Aparna Gupta has been participated in Global Education Summit "Entrepreneurship" organized by EDIIC Cell LNCT, Bhopal.
4. Dr. Aparna Gupta has been participated in National Education Conclave on "Re-Imagining University Education with a heart centered approach" organized by Heartfulness Education Trust.
5. Dr. Aparna Gupta has been participated in Online One week FDP "Python" organized by T & P Cell LNCT, Bhopal sponsored by CISCO Networking Academy.
6. Dr. Aparna Gupta has been participated in Online One week FDP "Python" organized by T & P Cell LNCT, Bhopal.

Dr. Abhijeet Gupta(Assistant Professor)

1. Dr. Abhijeet Gupta has been participated in SAGE Talk on "IOT for HealthCare, Agriculture and Drone" organized by Sagar Group of Institute, Bhopal.



Prof. Sanket Choudhary (Assistant Professor)

1. Prof. Sanket Choudhary has been participated in 5 Days Online FDP "Inculcating Universal Human Values in Technical Education" organized by AICTE.
2. Prof. Sanket Choudhary has been participated in Online One week FDP "Python" organized by T & P Cell LNCT, Bhopal sponsored by CISCO Networking Academy.
3. Prof. Sanket Choudhary has been participated in Online One week FDP "Python" organized by T & P Cell LNCT.
4. Prof. Sanket Choudhary has been participated in Global Education Summit "Entrepreneurship" organized by EDIIC Cell LNCT, Bhopal

Prof. Saiyed Tazen Ali (Assistant Professor)

1. Prof. Saiyed Tazen Ali has been participated in the Webinar on "Next Generation of Wireless antenna Technologies" organized by Shri G S Institute of Technology & Science Indore.

SHRI G.S. INSTITUTE OF TECHNOLOGY AND SCIENCE, INDORE (M.P.)

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

Dr./Mr./Ms. SAIYED TAZEN ALI from LNCTS has participated in the webinar on "NEXT GENERATION OF WIRELESS ANTENNA TECHNOLOGIES" on 31/05/2021, organised by Department of Electronics and Telecommunication Engineering.

PROF. RAKESH SAXENA
DIRECTOR

PROF. SHEKHAR SHARMA
H.o.D

DR. L.D. MALVIYA
COORDINATOR

PROF. AJAY PARMAR
CO-COORDINATOR

PROF. ASHWIN SHRIVASTAVA
CO-COORDINATOR

Prof. Niketan Mishra (Assistant Professor)

1. Prof. Niketan Mishra has been participated in Online One week FDP "Python" organized by T & P Cell LNCT.
2. Prof. Niketan Mishra has been participated in Online One week FDP "Python" organized by T & P Cell LNCT, Bhopal sponsored by CISCO Networking Academy.
3. Prof. Niketan Mishra has been participated in the AICTE-ISTE Approved Orientation Programme on "Industrial Application of MATLAB" organized by Ojaswini Institute of Management & Technology, Damoh, M.P.
4. Prof. Niketan Mishra has been participated in 5 Days Online FDP "Inculcating Universal Human Values in Technical Education" organized by AICTE.
5. Prof. Niketan Mishra has been participated in the Webinar on "Next Generation of Wireless antenna Technologies" organized by Shri G S Institute of Technology & Science Indore.
6. Prof. Niketan Mishra has been participated in Online Training Program on "IOT Based Robotics and Home Automation" organized by EX Department, School of Engineering, Eklavya University, Damoh, MP.

Prof. Rahul Sharma (Assistant Professor)

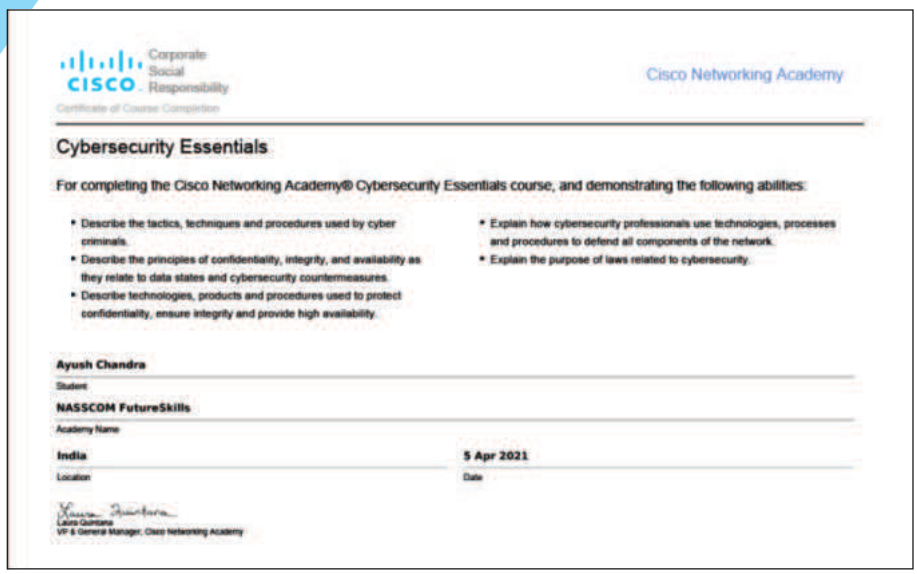
1. Prof. Rahul Sharma has been participated in Global Education Summit "Entrepreneurship" organized by EDIIC Cell LNCT, Bhopal.
2. Prof. Rahul Sharma has been participated in Online One week FDP "Python" organized by T & P Cell LNCT, Bhopal.
3. Prof. Rahul Sharma has been participated in Online One week FDP "Python" organized by T & P Cell LNCT, Bhopal sponsored by CISCO Networking Academy.

Prof. Rajendra Singh (Assistant Professor)

1. Prof. Rajendra Singh has been participated in Leadership Talk organized by Dr. Abhay Jere, Chief Innovation Officer, MHRD Innovation Cell.
2. Prof. Rajendra Singh has been participated in Online One week FDP "Python" organized by T & P Cell LNCT, Bhopal sponsored by CISCO Networking Academy.

3. Student Awards & Recognition

1. Student Ayush Chandra from EC 4th Sem LNCTS has participated in CISCO Certified Course on "Cyber security Essentials".



Corporate Social Responsibility

Cisco Networking Academy

Certificate of Course Completion

Cybersecurity Essentials

For completing the Cisco Networking Academy® Cybersecurity Essentials course, and demonstrating the following abilities:

- Describe the tactics, techniques and procedures used by cyber criminals.
- Describe the principles of confidentiality, integrity, and availability as they relate to data states and cybersecurity countermeasures.
- Describe technologies, products and procedures used to protect confidentiality, ensure integrity and provide high availability.
- Explain how cybersecurity professionals use technologies, processes and procedures to defend all components of the network.
- Explain the purpose of laws related to cybersecurity.

Ayush Chandra
Student

NASSCOM FutureSkills
Academy Name

India — Location

5 Apr 2021 — Date

Chuck Robbins
Chief Executive Officer, Cisco

Liana Quintana
VP & General Manager, Cisco Networking Academy

In the similar way almost all the 4th Sem & 6th Sem students of LNCTS have participated in CISCO Course organized by LNCT T&P Cell, Bhopal.

2.Student Ayush Lavania from EC 4th Sem LNCTS has been participated in Online International Conference & Presented his Paper.

* In the similar way almost all the 4th Sem students of LNCTS have participated in Conference organized by LNCT Group of Colleges, Bhopal.

E-CERTIFICATE

ONLINE TWO DAYS INTERNATIONAL CONFERENCE

On

"SOFT COMPUTING TECHNIQUES & COMMUNICATION ENGINEERING"

(29-30 JANUARY, 2021)

Organised by: Department of Electronics & Communication, Computer Science & Engineering & Information Technology, LNCT Group of Colleges, Bhopal

In association with: Advance Research Educational Society

This is to certify that

Mr. Ayush Kumar Lavania

of

LNCT, Bhopal

has actively participated in the conference on "SOFT COMPUTING TECHNIQUES & COMMUNICATION ENGINEERING" held on 29-30 JANUARY, 2021 at LNCT Group of Colleges, Bhopal, India in collaboration with the Advance Research Educational Society.

He / She has also presented a paper entitled: Brain Data-Based AI Training using Pattern Recognition and Signal Processing of Machine Learning

Dr. Priyanka Bansal
Secretary (ARES)

Dr. Meetoo Singh
Principal (LNCT)

Dr. Ashok Kumar Rai
Convener (LNCT)

4. Sports Day Events

• Five days Sports Day events "FACULTY OLYMPIAD-II" have been organized in LNCT Group from 04-01-2021 to 09-01-2021

Prof. Rahul Sharma (Assistant Professor)

1. Prof. Rahul Sharma has been participated in Global Education Summit "Entrepreneurship" organized by EDIIC Cell LNCT, Bhopal.
2. Prof. Rahul Sharma has been participated in Online One week FDP "Python" organized by T & P Cell LNCT, Bhopal.
3. Prof. Rahul Sharma has been participated in Online One week FDP "Python" organized by T & P Cell LNCT, Bhopal sponsored by CISCO Networking Academy.

S.No.	Enrollment No.	Name of Student	College	Opted Company	Package LPA
1	0157EC171001	ABHISHEK ANAND	LNCTS	HCL	3.5
2	0157EC171002	ADARSH DUBEY	LNCTS	WIPRO	3.5
3	0157EC171003	ADITY	LNCTS	DXC	4
4	0157EC171005	AJIT KUMAR SINGH	LNCTS	COGNIZANT	4
5	0157EC171007	AKSHAY RAGHUWANSHI	LNCTS	COGNIZANT	4
6	0157EC171012	ANKITA KUMARI	LNCTS	ACCENTURE	4.5
7	0157EC171013	ANUJ PANDEY	LNCTS	COGNIZANT	4
8	0157EC171014	ANUPAM KHARE	LNCTS	CAPGEMINI	3.8
9	0157EC171015	ANUSHA CHOUDHARI	LNCTS	DXC	4
10	0157EC171016	APURVA PATHAK	LNCTS	COGNIZANT	4
11	0157EC171018	ARCHITA JAIN	LNCTS	CONGRUEX	2.75
12	0157EC171019	ARIBA MEV	LNCTS	WIPRO	3.5
13	0157EC171020	ARPIT PANDEY	LNCTS	COGNIZANT	4
14	0157EC171021	ASHISH SINGH	LNCTS	TUDIP (Ninja)	3.5
15	0157EC171023	AYUSH TIWARI	LNCTS	CONGRUEX	2.75
16	0157EC171024	AYUSHI CHOUREY	LNCTS	WIPRO	3.5
17	0157EC171025	AYUSHI MISHRA	LNCTS	COGNIZANT	4
18	0157EC171026	BHOOMI SAXENA	LNCTS	WIPRO	3.5
19	0157EC171028	CHANDAN KUMAR	LNCTS	COGNIZANT	4
20	0157EC171029	DEVANSH SOLANKI	LNCTS	TUDIP (Ninja)	3.5

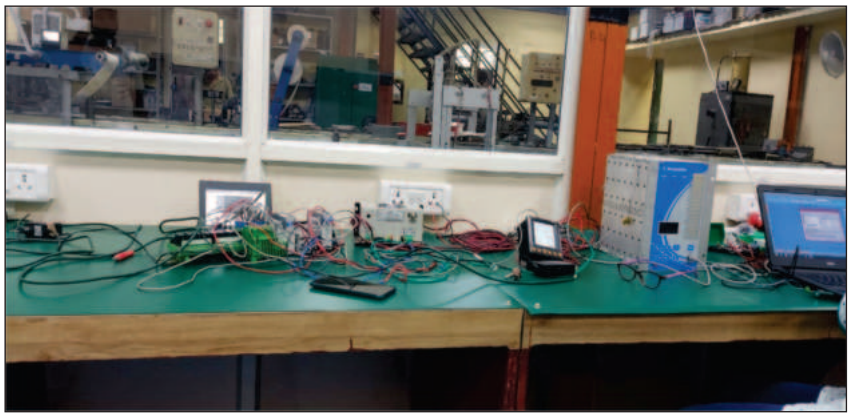
21	0157EC171030	DHYANESH SAINI	LNCTS	COGNIZANT	4
22	0157EC171031	DIKSHA SINGH	LNCTS	AMDOCS	4
23	0157EC171035	HARSHITA SAXENA	LNCTS	COGNIZANT	4
24	0157EC171036	HIMANSHI KHANDELWAL	LNCTS	WIPRO	3.5
25	0157EC171038	INSHA KHAN	LNCTS	CAPGEMINI	3.8
26	0157EC171039	ITI JAIN	LNCTS	COGNIZANT	4
27	0157EC171040	JAYANTI JAIN	LNCTS	CONGRUEX	2.75
28	0157EC171043	KANCHI BADKUL	LNCTS	COGNIZANT	4
29	0157EC171044	KAPIL KHEDKAR	LNCTS	ORANGE BUSINESS	4
30	0157EC171045	KARAN KUMAR	LNCTS	CONGRUEX	2.75
31	0157EC171047	KAUSTUBH GUBRELE	LNCTS	EVOSYS	3.2
32	0157EC171049	KUMAR UTKARSH	LNCTS	PROPERTY PISTOL	7
33	0157EC171051	LIPIKA GOLWALKAR	LNCTS	COGNIZANT	4
34	0157EC171053	MADHUKAR UPADHYAY	LNCTS	WIPRO	3.5
35	0157EC171056	MANISH RAJ	LNCTS	PROPERTY PISTOL	7
36	0157EC171057	MANSI SUPEKAR	LNCTS	COGNIZANT	4
37	0157EC171061	NANDINI AGRAWAL	LNCTS	WIPRO	3.5
38	0157EC171063	MOHD NAWAZ KHAN	LNCTS	AMDOCS	4
39	0157EC171064	NAYAN TANK	LNCTS	COGNIZANT	4
40	0157EC171065	NIKHIL PATHAK	LNCTS	COGNIZANT	4
41	0157EC171067	NISHA KUMARI	LNCTS	COGNIZANT	4
42	0157EC171068	NISHU KUMARI	LNCTS	CAPGEMINI	3.8

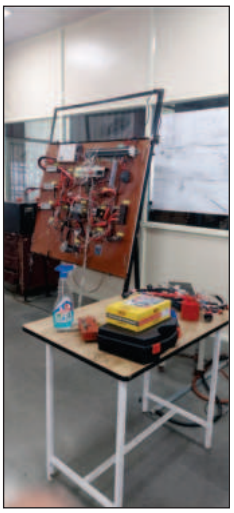
43	0157EC171069	NISIT SAXENA	LNCTS	TCS(Nqt)	3.6
44	0157EC171070	PRAGYA TANK	LNCTS	DXC	4
45	0157EC171072	PRASHANT KUMAR SHARMA	LNCTS	COGNIZANT	4
46	0157EC171073	PRASHANT SENGAR	LNCTS	CAPGEMINI	3.8
47	0157EC171074	PRATIKSHA AGRAWAL	LNCTS	CONGRUEX	2.75
48	0157EC171077	PRIYANKA BHARGAVA	LNCTS	COGNIZANT	4
49	0157EC171078	PRIYANSHI TIWARI	LNCTS	COGNIZANT	4
50	0157EC171079	RAGHAV KHANDELWAL	LNCTS	CONGRUEX	2.75
51	0157EC171080	RASHI SAXENA	LNCTS	CONGRUEX	2.75
52	0157EC171081	RITU BABANI	LNCTS	COGNIZANT	4
53	0157EC171084	SAKSHI NAYAK	LNCTS	COGNIZANT	4
54	0157EC171086	SAMEEKSHA SAXENA	LNCTS	CAPGEMINI	3.8
55	0157EC171087	SANKALP BHATNAGAR	LNCTS	ORANGE BUSINESS	4
56	0157EC171090	SEJAL SUHANE	LNCTS	CAPGEMINI	3.8
57	0157EC171091	SHALINI PRABHA	LNCTS	DXC	4
58	0157EC171094	SHEFALI SINHA	LNCTS	NIIT	3.5
59	0157EC171097	SHUBHAM KUMAR	LNCTS	TUDIP (Ninja)	3.5
60	0157EC171098	SHUBHAM PATHAK	LNCTS	WIPRO	3.5
61	0157EC171099	SHUBHAM TRIPATHI	LNCTS	COGNIZANT	4
62	0157EC171100	SHUBHANGI KHANNA	LNCTS	ORANGE BUSINESS	4
63	0157EC171101	SHWETA KUMARI	LNCTS	WIPRO	3.5
64	0157EC171102	SIDDHANT RATHORE	LNCTS	WIPRO	3.5
65	0157EC171104	SURAJ SHARMA	LNCTS	TUDIP (Ninja)	3.5

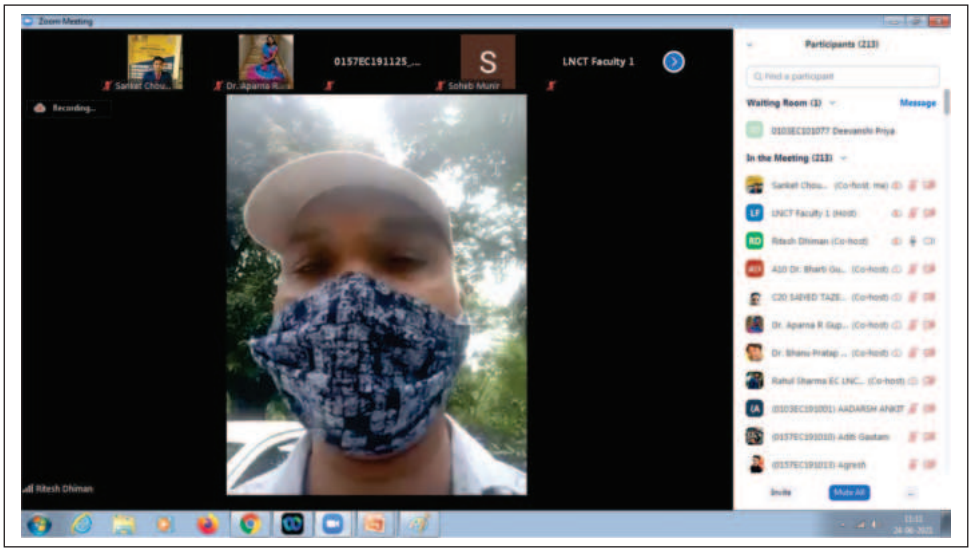
66	0157EC171105	SURENDRA RAGHUWANSHI	LNCTS	COGNIZANT	4
67	0157EC171107	TARUSHI AJMERA	LNCTS	COGNIZANT	4
68	0157EC171108	VAMIKA SINGH	LNCTS	TCS(Nqt)	3.6
69	0157EC171109	VINAYAK JOSHI	LNCTS	COGNIZANT	4
70	0157EC171111	YADAV ANANT SANTRAM	LNCTS	COGNIZANT	4
71	0157EC171112	YADAV HEMANT SANTRAM	LNCTS	JARO	4.8
72	0157EC171113	YASH CHAUBEY	LNCTS	BYJU'S	10
73	0157EC171116	YASHASHWINI DHAKAD	LNCTS	WIPRO	3.5
74	0157EC171117	YASHI GUPTA	LNCTS	ORANGE BUSINESS	4

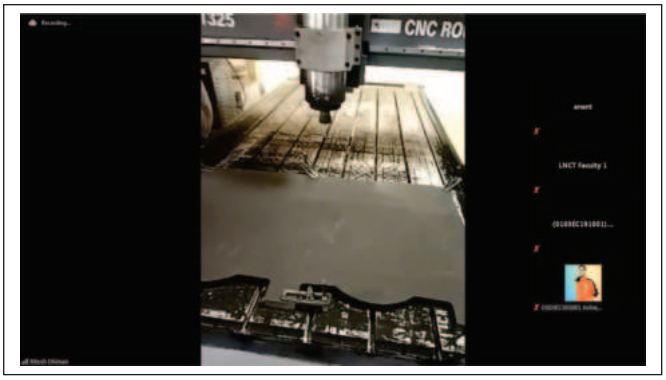
6. Virtual Industrial Visit

• An Interesting Virtual Industrial Visit has been conducted by EC Department LNCTS for All 4th Sem LNCTS Students on 24-06-2021 from 11:00 AM to 12:00 AM. Students have successfully attended the visit under the Guidance of Dr. Soheb Munir (HOD, EC LNCTS).






0157EC191125_...
LNCT Faculty 1
Participants (213)
Waiting Room (1)
In the Meeting (213)
Ritesh Dhiman


CNC RO
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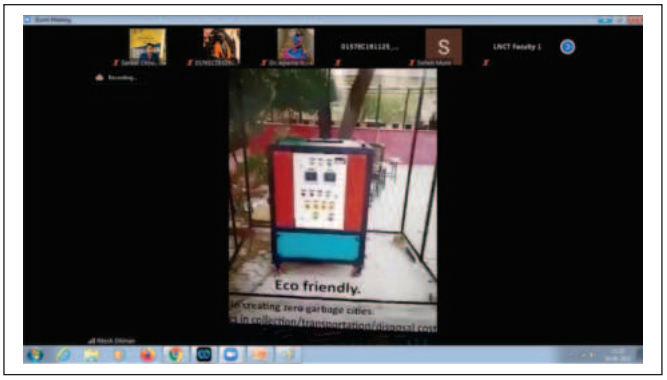
LNCT Faculty 1


Eco friendly.
creating zero garbage cities.

anant
LNCT Faculty 1
(0103EC191001)...
Ritesh Dhiman