



# LAKSHMI NARAIN COLLEGE OF TECHNOLOGY & SCIENCE, BHOPAL

Kalchuri Nagar, Raisen Road, P.O- Kolua, Bhopal - 462022 (M.P)

Department of Electronics and Communication Engineering LNCTSBhopal

## Publicity Report of September 2021

- An Online Webinar organised by Department of EC LNCTS on “IOT & Its Applications” dated on 01-09-2021 at 11:45 to 12:45 PM by Mr. Abhigyanam Giri, Training Head, Indeyes Infotech Pvt Ltd for the students of EC 5<sup>th</sup> Sem LNCTS. The session was too Interactive, Informative and interesting for students. The session was delivered successfully under the guidance of Dr. Soheb Munir (HOD EC LNCTS) co-coordinated by Dr. Abhijeet Gupta (Professor).

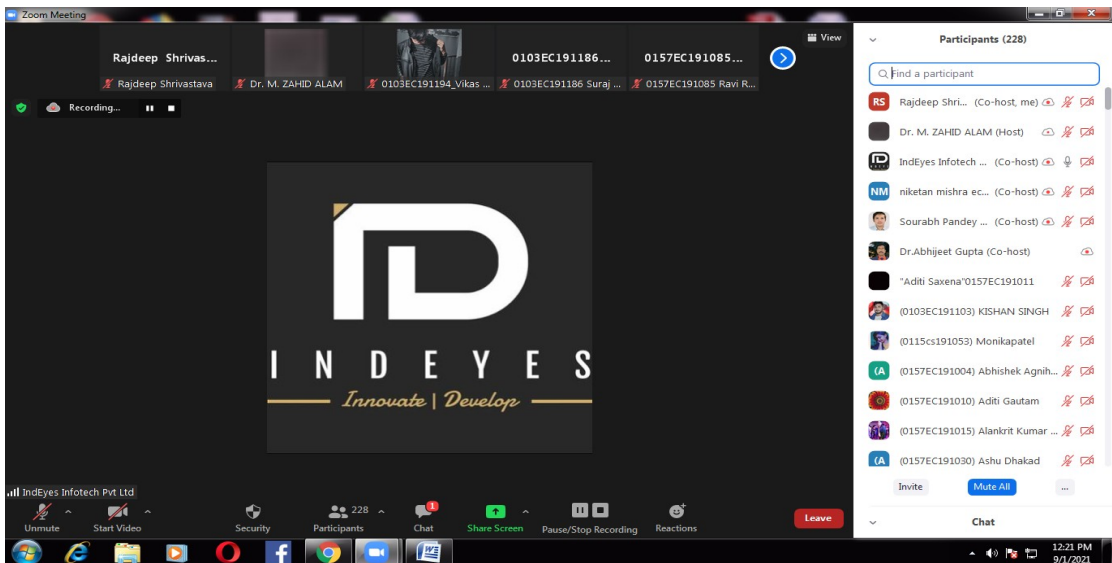
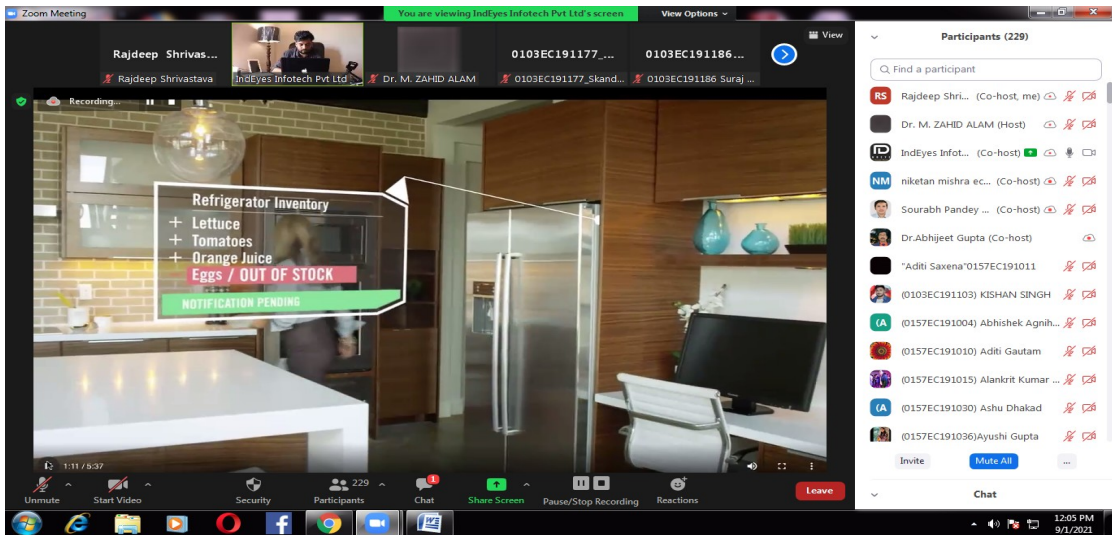
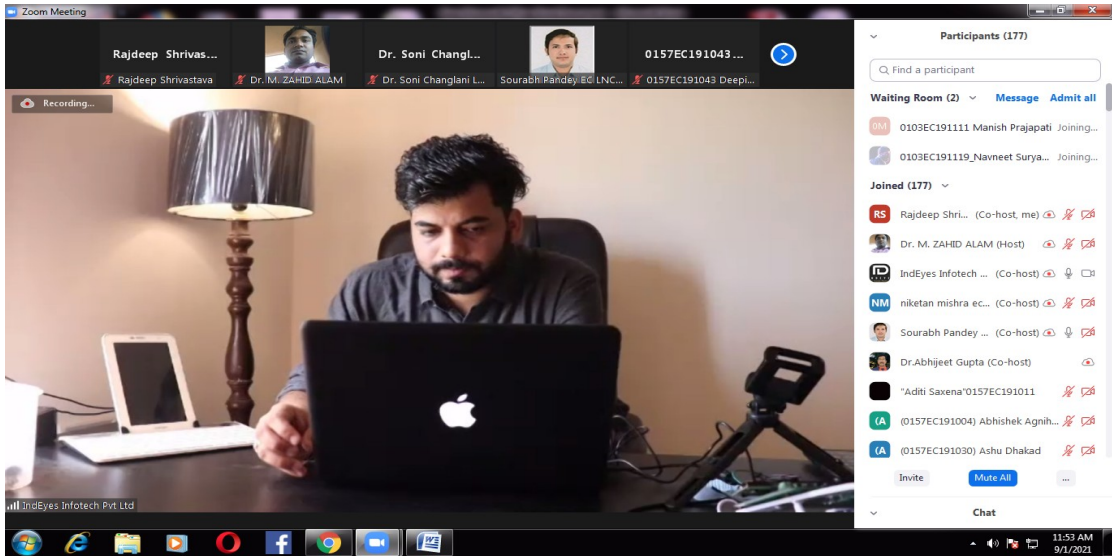
The poster features the LNCT Group of Colleges logo at the top left, with the tagline 'WORKING TOWARDS BEING THE BEST'. To the right are logos for 28th Anniversary, NIRF, and ACTE. The main text reads: 'Lakshmi Narain College of Technology & Science, Bhopal Department of Electronics and Communication Organizing Webinar On IOT & its Applications'. A photo of Mr. Abhigyanam Giri is shown on the left. The date and time are '#Date 01-Sep 2021 @Time 11:45 am' and the location is 'CSI CHAPTER LNCTS'. Coordinators listed are Dr. Soheb Munir and Dr. Abhijeet Gupta. The bottom of the poster displays various LNCT branches and contact information: www.LNCT.ac.in, www.LNCTU.ac.in, and a phone number 7440777111/222/555.

The screenshot shows a Zoom meeting in progress. The main video feed displays Dr. M. Zahid Alam. The top bar shows the meeting ID 0157EC191043 and lists participants including Rajdeep Shrivastava, Dr. Soni Changlani, Sourabh Pandey, and IndEyes Infotech Pvt L. The right sidebar shows a list of 168 participants, including Rajdeep Shri., Dr. M. ZAHID ALAM (Host), IndEyes Infotech, Niketan Mishra, Sourabh Pandey, Dr. Abhijeet Gupta, Aditi Saxena, Kishan Singh, Abhishek Agnih..., Ashu Dhakad, Ayushi Gupta, Himanshu Saur..., and Krishna Yadav. The bottom toolbar includes controls for Unmute, Start Video, Security, Participants (168), Chat, Share Screen, Pause/Stop Recording, Reactions, and Leave. The system tray at the bottom shows the time as 11:51 AM on 9/1/2021.



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# LAKSHMI NARAIN COLLEGE OF TECHNOLOGY & SCIENCE, BHOPAL

Kalchuri Nagar, Raisen Road, P.O- Kolua, Bhopal - 462022 (M.P)

- An Online Expert Lecture organised by Department of EC LNCTS on “3D Printing” dated on 11-09-2021 at 02:45 to 03:45 PM by Mr. Ashutosh Rai, Trainer Head, Ansoz Creation Pvt Ltd for the students of EC 3<sup>rd</sup>Sem LNCTS. The session was too Interactive, Informative and interesting for students. The session was delivered successfully under the guidance of Dr. Soheb Munir (HOD EC LNCTS) organized by Dr. Abhijeet Gupta (Professor).

EXPERT LECTURE ON  
**3D Printing**

Organized by  
LNCTS BHOPAL

11<sup>th</sup> September 2021  
2:45PM to 3:45PM

CSI CHAPTER LNCTS  
**Mr. Ashutosh Rai.**  
Head Trainer  
Ansoz Creation Pvt. Ltd.

Coordinators:  
Dr. Soheb Munir  
Dr. Abhijeet Gupta

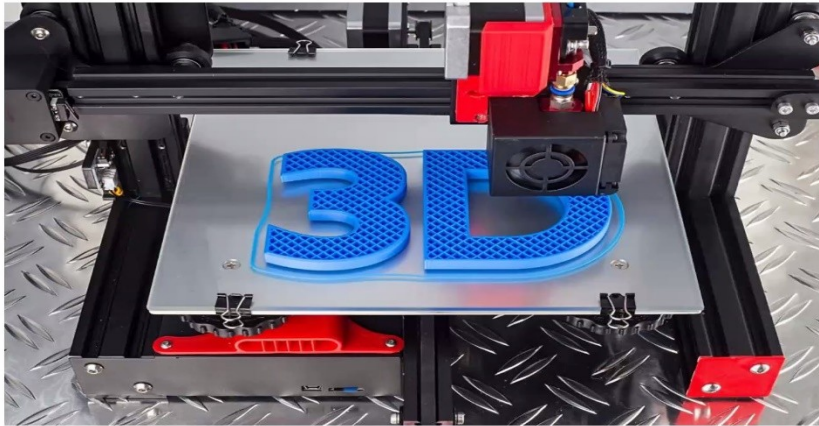
Accredited logos: 20, NBA ACCREDITED COLLEGE, nirf, AICTE Lab

Bottom banner: www.LNCT.ac.in, www.LNCTU.ac.in | Follow Us on [Social Media Icons] | 7440777111/222/555





# 3D Printing Technology

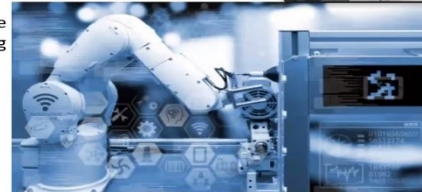


## Team Experience (Defence Wing)

We are in **Embedded Hardware & Software development** often with Real time solutions. Our USP lies in adopting challenges and customize technology according to client requirement.

### Application Area:

- 1) Defence(Indian Army, Navy, Air force)
- 2) Central Security Forces (CRPF, CISF, Paramilitary, ITBP , NSG, BSF etc.)
- 3) State Police, SISF, Traffic etc.
- 4) Forest Department, Naxal Areas



Zoom Meeting

Recording

Ashutosh Rai | Sanket Choudhary | Dr.Abhijeet Gupta | Dr. UMA SHANKAR KU... | 06 Fahad khan0176EC... | 12\_0176EG201012\_M...

There are three types of manufacturing : Formative, subtractive and additive

**How is 3D printing different from traditional manufacturing**

- Formative
- Subtractive (CNC)
- Additive (3D printing)

Ansoz

Type here to search | 28°C AQI 21 | 15:04 11-09-2021



Kalchuri Nagar, Raisen Road, P.O- Kolua, Bhopal - 462022 (M.P)

### DEGREE COURSES on 3D Printing

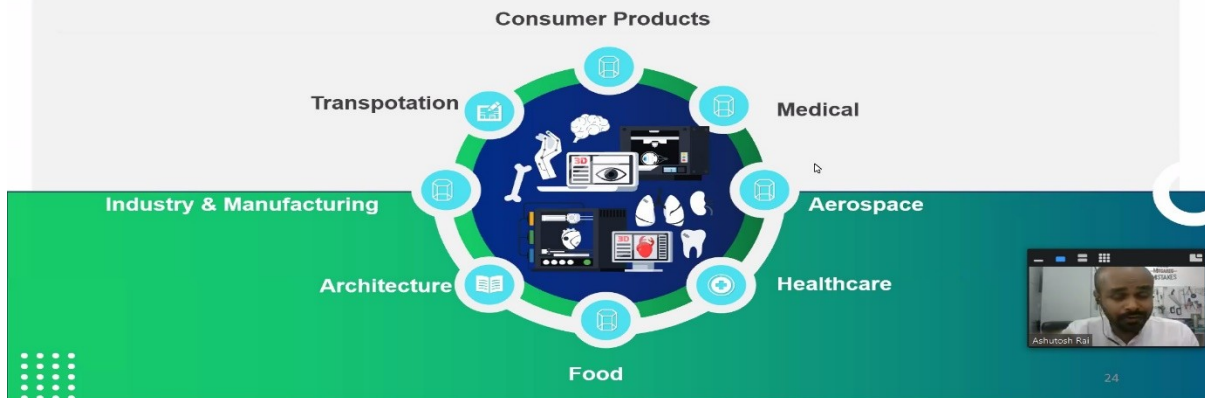
<b>PennState University</b> Location: USA Master of Science degree in Additive Manufacturing and Design (MS AMD) Master of Engineering Degree in Additive Manufacturing and Design (MEng AMD) Graduate Credit Certificate Degree in Additive Manufacturing	<b>Carnegie Mellon University</b> Location: USA Master of Science Degree in Additive Manufacturing (MSAM) full-time degree program.	<b>Massachusetts Institute of Technology</b> Two online courses short 5-day course and 12 weeks long course	<b>Indian Institute of Technology Hyderabad (IITH)</b> Location: India IITH will be the first academic institution in India to provide a course on 3D printing or digital fabrication technology	<b>National Institute of Electronics &amp; Information Technology, Aurangabad</b> Location: India CERTIFICATE COURSE IN ADDITIVE MANUFACTURING (3D-PRINTING)
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**Masters (MSc) degree:** Nottingham University(UK), Derby University(UK), University of Central Lancashire

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## 3D Printing Applications

In 2025 additive manufacturing could have an impact on 320 million workforce in manufacturing (12% of the total global workforce)







Zoom Meeting

You are viewing Ashutosh Rai's screen

View Options

Recording

### 3D Print Children's Glasses Using App

Fitz Frames, a California-based startup



Participants: 235

Unmute Start Video

Chat Share Screen Record Reactions Apps

28°C Light rain

15:19 11-09-2021



# LAKSHMI NARAIN COLLEGE OF TECHNOLOGY & SCIENCE, BHOPAL

Kalchuri Nagar, Raisen Road, P.O- Kolua, Bhopal - 462022 (M.P)

- An Online Workshop organised by Department of EC LNCTS on “Augmented & Virtual Reality” dated on 13-09-2021 at 12:00 to 02:00 PM by Mr. Prashant Kumar Mishra, Electrical Engineer, and IIT Kanpur for the students of EC 3<sup>rd</sup>Sem LNCTS. The session was too Interactive, Informative and interesting for students. The session was delivered successfully under the guidance of Dr. Soheb Munir (HOD EC LNCTS) coordinated by Prof. Pooja Gupta (Assistant Professor).

LNCTS, BHOPAL is going to organise a compelling Workshop **an AUGMENTED AND VIRTUAL REALITY** on 13<sup>th</sup> September 2021 12:00 PM to 2:00 PM CSI CHAPTER LNCTS

**Prashant Kumar Mishra,** IIT Kanpur, B.Tech Electrical Engineer. Presently he is an IRS Officer and also a keen learner and tech enthusiast. His innovation has been selected in the top 100 in 5G Hackathon by Department of Telecommunication, Govt. of India. He mentors AR/VR start-ups and been a guest of Honour in Startup tech awareness initiative by Sagar Smart City Initiative, Govt of Madhya Pradesh.

**Prashant Kumar Mishra**  
IRS Officer

**Coordinators:**  
Dr. Soheb Munir  
Prof. Pooja Gupta

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Zoom Meeting interface showing a video call in progress. The main video shows a man with glasses speaking. The top bar displays participant names: Rohit Rathor..., Dr-PRASHAN..., Alka Gulati, RIDDIM JAIN 01..., and 0176EC1910... The right sidebar shows a list of participants (120) and a waiting room (1). A notification at the bottom right states: "0103EC191185\_Supriya Gahoi entered the waiting room". The bottom toolbar includes controls for Unmute, Start Video, Security, Participants (121), Chat, Share Screen, Resume/Stop Recording, and Reactions. The system tray at the bottom shows the date and time: 12:05 PM, 9/13/2021.



# LAKSHMI NARAIN COLLEGE OF TECHNOLOGY & SCIENCE, BHOPAL

Kalchuri Nagar, Raisen Road, P.O- Kolua, Bhopal - 462022 (M.P)

Zoom Meeting interface showing a grid of participants. The grid contains 20 small video thumbnails, many of which are muted. The right sidebar shows a list of participants (124) with their names and IDs. The bottom toolbar includes controls for Unmute, Start Video, Security, Participants (126), Chat, Share Screen, Pause/Stop Recording, Reactions, and Leave. The system tray at the bottom shows the time as 12:06 PM on 9/13/2021.

Zoom Meeting interface showing a presentation slide titled "WHY AR/VR". The slide features a central graphic with four circular callouts containing text and logos:

- Facebook (f):** Facebook acquired startup Oculus in 2014 @ \$2 Billion. Oculus has shipped more than 1 Crore VR devices in last 6 months. 20% of Facebook manpower working on AR/VR.
- Google (G):** More than 80 Crores AR Users. Google launched Google Cardboard & Google Daydream for VR. Google AR Core for AR.
- Apple (Apple logo):** Apple has the world's largest AR platform (AR Kit SDK) and they are bringing their VR Headset soon. Apple included LiDAR Scanner in phones.

The right sidebar shows a list of participants (132) with their names and IDs. The bottom toolbar includes controls for Unmute, Start Video, Security, Participants (126), Chat, Share Screen, Pause/Stop Recording, Reactions, and Leave. The system tray at the bottom shows the time as 12:10 PM on 9/13/2021.





Zoom Meeting | You are viewing Mishrap@gmail.com's screen | View Options

Participants (137)

Recording...

Louis Rosenberg, 1992 (developing early AR) USAF

**AUGMENTED REALITY**

Image enhanced version of the real physical world by overlaying visual, auditory, or other sensory information

1992 - Virtual Fixtures at U.S. Air Force Research Laboratory (AFRL)

Unmute | Start Video | Security | Participants | Chat | Share Screen | Pause/Stop Recording | Reactions | Leave

12:15 PM 9/13/2021

Zoom Meeting | You are viewing Mishrap@gmail.com's screen | View Options

Participants (139)

Recording...

**AUGMENTED REALITY - USE CASES**

Gaming (PokemonGo, Ingres)

Social Media - AR Filters (SnapChat, Instagram)

Activate Windows now  
A hardware or driver change requires you to activate Windows again.  
Click this message to start activation.

12:37 PM 9/13/2021



Recording... You are viewing Mishrap@gmail.com's screen View Options

# AUGMENTED REALITY - USE CASES

Talking: Mishrap@gmail.com

Marketing & Advertising

Unmute Start Video Security Participants 139 Chat Share Screen Pause/Stop Recording Reactions Leave