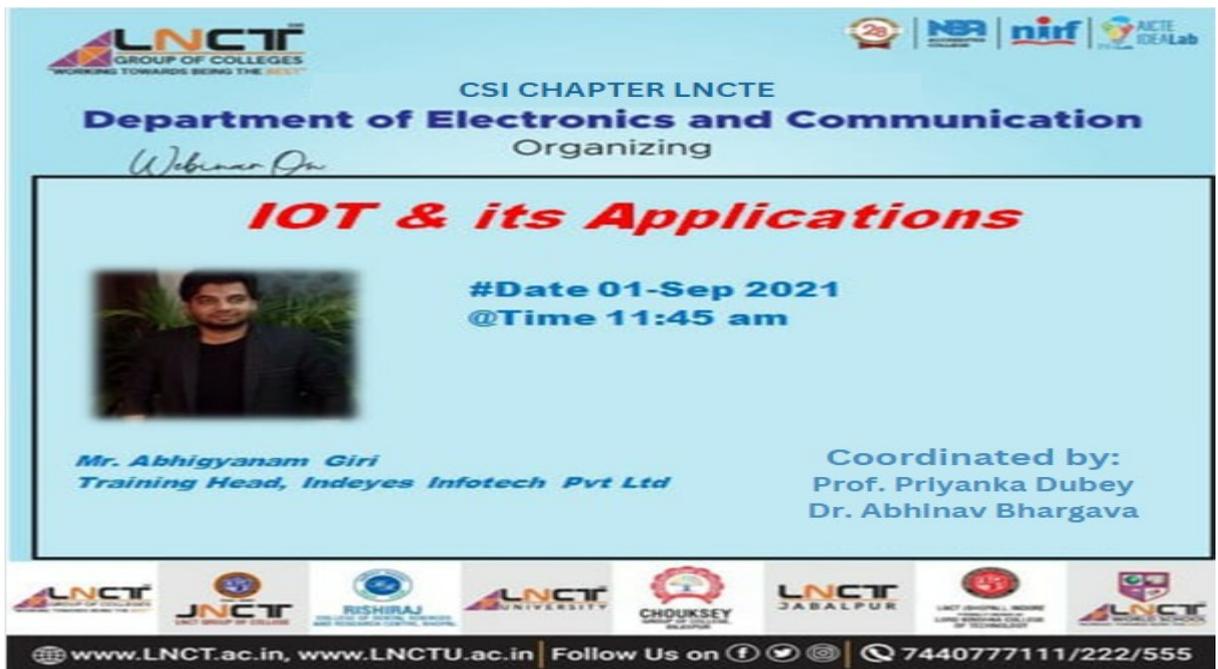




Department of Electronics and Communication Engineering LNCTE Bhopal

Publicity Report of September 2021

- An **Online Webinar** organised by Department of EC LNCTE 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 5th Sem LNCTE**. The session was too Interactive, Informative and interesting for students. The session was delivered successfully under the guidance of **Dr. Abhinav Bhargava (HOD EC LNCTE)** co-coordinated by **Prof. Priyanka Dubey (Associate Professor)**.





This screenshot shows a Zoom meeting in progress. The main video feed displays a man with a beard sitting at a desk with a laptop, looking at the screen. The Zoom interface includes a top bar with participant names (Rajdeep Shrivastava, Dr. M. ZAHID ALAM, Dr. Soni Changliani, Sourabh Pandey, and 0157EC191043 Deepi...) and a right-hand sidebar with a list of 177 participants. The status bar at the bottom shows the time as 11:57 AM on 9/7/2021.

This screenshot shows a Zoom meeting where a screen is being shared. The shared content is a refrigerator inventory list with the following items: Lettuce, Tomatoes, Orange Juice, and Eggs / OUT OF STOCK. A green notification bar at the bottom of the list says "NOTIFICATION PENDING". The Zoom interface shows 229 participants in the sidebar and the time as 12:05 PM on 9/7/2021.

This screenshot shows a Zoom meeting with a shared screen displaying the IndEyes logo. The logo consists of a stylized 'ID' monogram above the text 'INDEYES' and the tagline 'Innovate | Develop'. The Zoom interface shows 228 participants in the sidebar and the time as 12:21 PM on 9/7/2021.



LAKSHMI NARAIN COLLEGE OF TECHNOLOGY EXCELLENCE, BHOPAL

- An Online Expert Lecture organised by Department of EC LNCTE 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 3rd Sem LNCTE. The session was too Interactive, Informative and interesting for students. The session was delivered successfully under the guidance of Dr. Abhinav Bhargava (HOD EC LNCTE) organized by Dr. Deepak Soni (Associate Professor).

EXPERT LECTURE ON
3D Printing

Organized by Department of Electronics and Communication LNCT Group, Bhopal

11th September 2021
2:45PM to 3:45PM

CSI CHAPTER LNCTE

Mr. Ashutosh Rai.
Head Trainer
Ansoz Creation Pvt. Ltd.

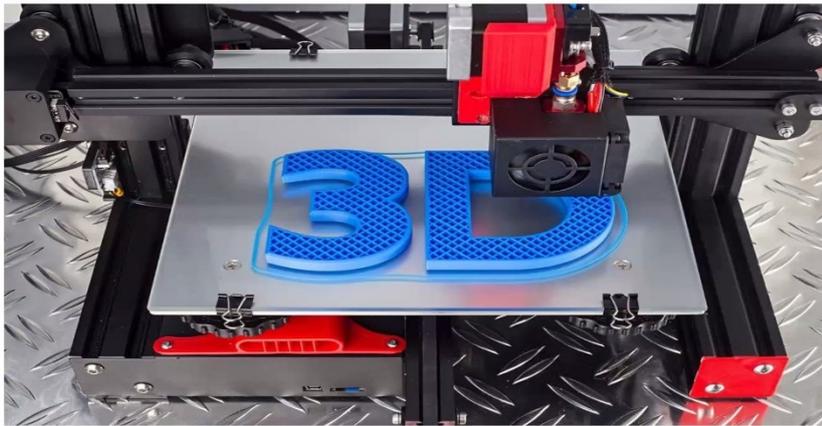
Coordinated By:
Dr. Deepak Soni
Dr. Abhinav Bhargava

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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_0176EC201012_M...

Dr. UMA SHAN...

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

How is 3D printing different from traditional manufacturing




Formative




Subtractive (CNC)




Additive (3D printing)

28°C AQI 21 | 15:04 11.09.2021



DEGREE COURSES on 3D Printing

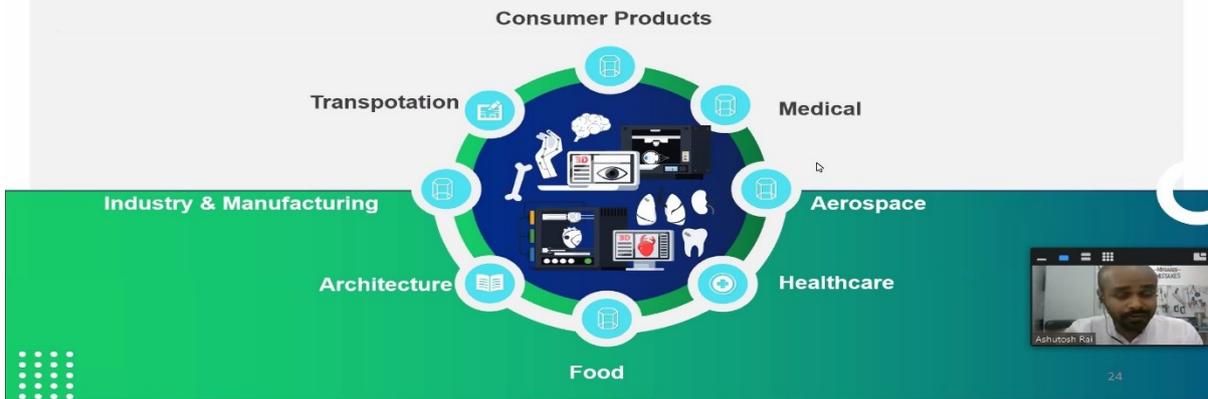


| | | | | |
|---|--|---|--|--|
| PennState University Location: USA Master of Science degree in Additive Manufacturing and Design (MS AMD) Master of Engineering Degree in Additive Manufacturing and Design (MEng AMD) Graduate Credit Certificate Degree in Additive Manufacturing | Carnegie Mellon University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

Masters (MSc) degree: Nottingham University(UK), Derby University(UK), University of Central Lancashire

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

Sanket Choudhary | Ashutosh Rai | Dr. Rakesh Agarwal EC... | 146 Sanskriti Gaitam | nawaz sidique | Webcam Utility | Ansoz Creations

3D Print Children's Glasses Using App

Fitz Frames, a California-based startup

Unmute | Start Video | Participants (235) | Chat | Share Screen | Record | Reactions | Apps | Leave

28°C Light rain | 15:19 | 11-09-2021



LAKSHMI NARAIN COLLEGE OF TECHNOLOGY EXCELLENCE, BHOPAL

- An Online Workshop organised by Department of EC LNCTE on “Augmented & Virtual Reality” dated on 13-09-2021 at 12:00 to 02:00 PM by Mr. Prashant Kumar Mishra, Electrical Engineer, IIT Kanpur for the students of EC 3rd Sem LNCTE. The session was too Interactive, Informative and interesting for students. The session was delivered successfully under the guidance of Dr. Abhinav Bhargava (HOD EC LNCTE) coordinated by Prof. Vipul Jain (Associate Professor).

LNCTE, BHOPAL
is going to organise
a compelling Workshop
on
**AUGMENTED AND
VIRTUAL REALITY**

13th September 2021
12:00 PM to 2:00 PM

CSI CHAPTER LNCTE

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. Abhinav bhargava
Prof. Vipul Jain

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Zoom Meeting

Recording Paused

Participants (120)

Waiting Room (1) Message

In the Meeting (120)

0103EC191185_Supriya Gahoi

Rohit Rathor EC L... (Co-host, me)

Dr-PRASHANT PUROHIT ... (Host)

Mishrap@gmail.com (Co-host)

Alka Gulati (Co-host)

Jay Prakash Maurya (Co-host)

(0103EC191103) KISHAN SINGH

(097)0103CS191099_Jatin Shrivastava

(182)_0103CS191184_SOURMYA J...

(204)0103CS191206Yash Pandya

0103EC191185_Supriya Gahoi entered the waiting room

Admit View

Mishrap@gmail.com

Unmute Start Video Security Participants 121 Chat Share Screen Resume/Stop Recording Reactions

12:05 PM 9/13/2021



Zoom Meeting

Recording...

WHY AR/VR

- Facebook**
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**
75% of all business owners expect to be utilising AR and VR technology in the next two years
More than 80 Crores AR Users
Google launched Google Cardboard & Google Daydream for VR
Google AR Core for AR
- Apple**
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

Participants (132)

12:10 PM 9/13/2021

Zoom Meeting

You are viewing Mishrap@gmail.com's screen

Recording...

AUGMENTED REALITY

Louis Rosenberg, 1992 (developing early AR) USAF

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)

Participants (137)

12:15 PM 9/13/2021

Zoom Meeting

Recording...

AUGMENTED REALITY - USE CASES

- Gaming (PokemonGo, Ingres)
- Social Media - AR Filters (SnapChat, Instagram)

Participants (139)

12:37 PM 9/13/2021