



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 July 2021

- An Online Webinar organised by Department of EC LNCTS on "5G Technology- Role of Electronics Engineer" by Mr. Sumit Saxena, "SR SDE Training Management BSNL" on Wednesday 14-07-2021 from 12:00 to 01:00PM for the students of EC 4th semester LNCTS Students. 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. Monal Shrivastava (Assistant Professor).

The poster features the LNCT Group of Colleges logo at the top left, with accreditation logos (28, NBA, NIRF, AICTE IDEALab) on the top right. The main text reads: "Lakshmi Narain College of Technology & Science, Bhopal", "Department of Electronics and Communication Engineering", "Webinar On 5G Technology 'Role of Electronics Engineer'", "Wednesday, 14 July, 2021 12:00pm to 1:00pm", and "https://bit.ly/3AECJdG". It includes a meeting ID (920 2662 7443) and passcode (12345). A photo of the speaker, Sumit Saxena, is shown with the text "ISTE CHAPTER LNCTS". The speaker's name and affiliation, "SR.SDE Training MGMT BSNL", are listed below. Coordinators "Dr. Soheb Munir" and "Prof. Monal Shrivastava" are also mentioned. The bottom of the poster displays logos of various LNCT branches and contact information: "www.LNCT.ac.in, www.LNCTU.ac.in | Follow Us on [social media icons] | 744077711/222/555".

The screenshot shows a Zoom webinar slide titled "DRAWBACKS OF 4G" with a 4G LTE logo. The slide lists the following drawbacks: "Battery uses is more", "Hard to implement", "Need complicated hardware", and "Expensive equipment required to implement next generation network." An image of a smartphone is shown with labels for "On/off Sleep/wake", "Volume up/down Ring/silent", and "Home". The Zoom interface includes a "Recording" indicator, a "View Options" dropdown, a list of participants (Sanket Choudhary, SUMIT SAXENA, Dr Tarun Varma EC L..., Dr.Soni changlani EC...), and a bottom toolbar with "Unmute", "Start Video", "Participants", "Chat", "Share Screen", "Record", "Reactions", and "Leave" buttons.




4G LTE **COMPARISON BETWEEN 3G Vs 4G**

The basic difference between 3G and 4G is in data transfer and signal quality.

Technology	3G	4G
Data Transfer Rate	3.1 MB/sec	100 MB/sec
Internet Services	Broadband	Ultra Broadband
Mobile - TV Resolution	Low	High
Bandwidth	5-20 MHz	100MHz
Frequency	1.6-2 GHz	2-8 GHz
Download and upload	5.8 Mbps	14 Mbps

5G Communications **BENEFITS OF 5G TECHNOLOGY**

- High Speed, High Capacity
- 5G technology providing large broadcasting of data in Gbps.
- Multi - Media Newspapers, watch T.V pro with the clarity as to that of an HD Quality.
- Faster data transmission that of the previous generations.
- Large Phone Memory, Dialing Speed, clear Audio/Video.
- Support interactive multimedia , voice, streaming Internet and other
- 5G is More Effective and More Attractive.





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- An online webinar is organized by LNCT group of colleges on “**Why ECE? Career options and Opportunities for ECE branch**” for 12th standard students on 1st July 2021 from 11:00AM to 12:00PM under the guidance of Dr. SohebMunir (HOD, EC LNCTS) under the coordination of **Dr. Deepika Sharma (Associate Professor)**.

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Webinar on
WHY ECE ? CAREER OPTIONS AND OPPORTUNITIES FOR ECE BRANCH

Organized By:
Lakshmi Narain College of Technology & Science, Bhopal
ISTE CHAPTER LNCTS

1ST, JULY 2021
11:00AM - 12:00PM

Meeting ID: 929 5280 2035
Passcode: 12345

Coordinators:
Dr. Soheb Munir
Dr. Deepika Sharma

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