



5G Ecosystem and IoT

(on 8th October, 2021)

An event
Organized by



At Ganpat University - U.V. Patel College of Engineering
On 8th October, 2021

**An Event Report on
5G Ecosystem and IoT
Organized by IEEE UVPCE SB on 12th January, 2021 At
Ganpat University – U.V. Patel College of Engineering**

Event Outline:

Event Title:	5G Ecosystem and IoT
Event co-organizer:	IEEE Gujarat Section
Faculty Event Coordinator:	Prof. Ravi Raval, Branch Counsellor, IEEE UVPCE SB
No. of Participants:	190
No. of Ieee Member:	20
No. of non-Ieee Member:	170
Event Date:	8 th October, 2021 Friday
Event Level:	Local
Event Duration:	01:00 pm to 02:30 PM
Event Venue:	Ganpat University-U.V. Patel College of Engineering
Mode of Conduction:	Web Conferencing (by Zoom) and Offline Ganpat University MBA Auditorium.

Brief about the event:

5G Ecosystem and IoT program had been organized by IEEE UVPCE SB on 8th Oct 2021. The show was announced on 4th October and held on 8th October in the noon at 01:00 p.m. Total of 190 students have participated in 5G Ecosystem and IoT.

In telecommunications, 5G is the fifth generation technology standard for broadband cellular networks, which cellular phone companies began deploying worldwide in 2019, and is the planned successor to the 4G networks which provide connectivity to most current cell phones. 5G networks are predicted to have more than 1.7 billion subscribers worldwide by 2025, according to the GSM Association. Like its predecessors, 5G networks are cellular networks, in which the service area is divided into small geographical areas called cells. All 5G wireless devices in a cell are connected to the Internet and telephone network by radio waves through a local antenna in the cell. The main advantage of the new networks is that they will have greater bandwidth, giving higher download speeds, eventually up to 10 gigabits per second (Gbit/s). Due to the increased bandwidth, it is expected the networks will increasingly be used as general internet service providers for laptops and desktop computers, competing with existing ISPs such as cable internet, and also will make possible new applications in internet-of-things (IoT) and machine-to-machine areas. 4G cell phones are not able to use the new networks, which require 5G-enabled wireless devices.

At the end of the talk; an open forum for students to ask questions was started. There were plenty of technical and law related questions/queries has been asked by students. The expert has flawlessly answered every doubt the student has raised.

Event Flyer and Photographs:

Ganpat University Faculty of Engineering & Technology
IEEE Gujarat Section
Gujarat - India

IEEE GUNI SB & IEEE Gujarat Section Organize a STEP Event

Seminar
on 5G Ecosystem and IoT

Esteemed Speakers

Mr. Dharmendra Gupta
Delivery Manager - 5G LTE, 5G with Global Services at Nokia Corporation
Topic: 5G Ecosystem - Preparation and Challenges

Dr. Anil Roy
An alumna of IIT Delhi & IIT Bombay, Associate Professor, DAICT
Topic: IoT and 5G - Who is driving whom?

Intended Audience:
All semester's engineering students

Event Venue:
Ganpat University Auditorium Hall, Ganpat University

8 October 2021
01:00 PM To 02:30 PM

Register @ https://bit.ly/5G_IoT

+91 9033622246 **www.guni.ac.in**



















