From

    Mr. SIVASANKARRAJAMANI. P

    Associate Professor,

    Department of ECE,

    K.S.R. College of Engineering,

    Tiruchengode - 637 215

To

    The Principal,

    K.S.R. College of Engineering,

    Tiruchengode – 637 215

Respected Sir,

    Sub: Webinar on **"5G Wireless Technology"** - Permission requested - Reg.

    The ECE department has planned to conduct a Free Webinar on **"5G Wireless Technology"** sponsored by **Wipro Technologies** on **25.11.2021 at 02.30 PM**. We request you to grant permission to conduct the Webinar.

                       Thanking You

                                   Yours sincerely
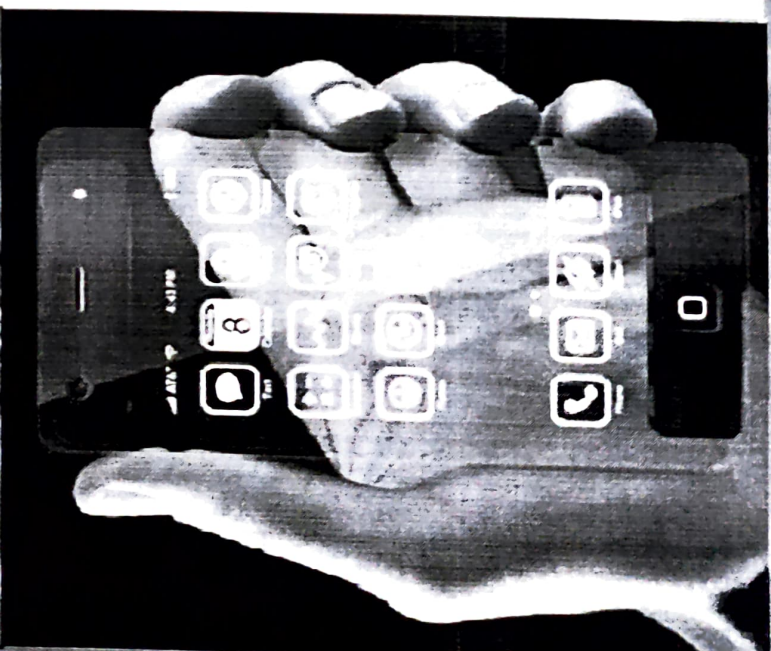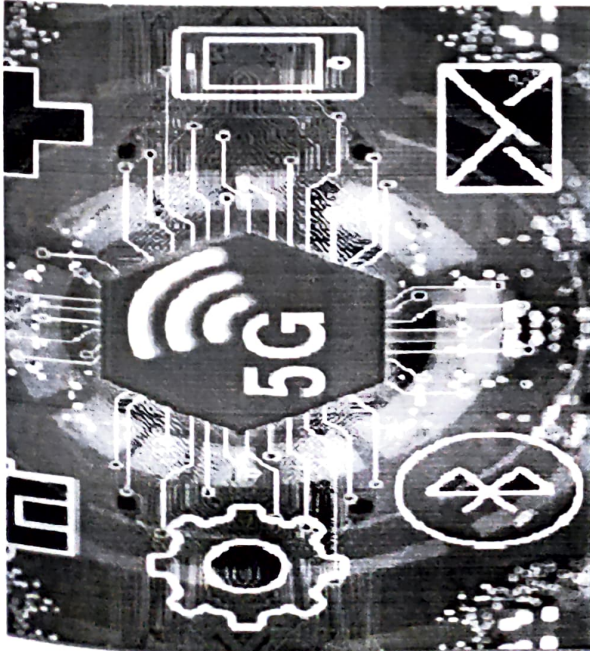
                                   Sivasankar Rajamani

Resource Person:

Hemavathi Tamilmaran

Senior Project Engineer

WIPRO Technologies

London, SE7 8HJ

Place: Tiruchengode

Date: 23.11.2021

Mr.R.Srinivasan B.B.M.,
Vice-Chairman, KSREI

Lion. Dr.K.S.Rangasamy,M.JF.,
Founder – Chairman, KSREI

K.S.R. College of Engineering (Autonomous)

Tiruchengode – 637 215

5G Wireless Technology

Online Mode

Date : 25.11.2021 (Thursday)
Time : 02.30 P.M.

Ms Hemavathi Tamilmaran
Senior Project Engineer
Wipro Technologies
London, SE7 8HJ

https:// meet.google.com/erg-swdx-uze

www.ksrce.ac.in

HEMAVATHI TAMILMARAN
SENIOR PROJECT ENGINEER

ABOUT ME

A Digital Engineer with four years of Agile development experience into Micro services, Spring Boot, Kafka, BDD, Pivotal Cloud Foundry, CI CD (Concourse & Jenkins) with AngularJS add-on.

EDUCATION

Bachelor of Engineering- 8.49 CGPA

PHONE
+44-7435815845

EMAIL
hemavathi.tamilmaran95@gmail.com

LOCATION
London, SE7 8HJ

SKILL

Java & Spring-Boot

Agile Development

BDD

PaaS/DevOps

💼 WORK EXPERIENCE

WIPRO Technologies – 5 years 6 months

LLOYDS BANK

A British retail and commercial bank with branches across UK enables Open Banking according to OBIE standard. Generating Reports for payments records with filtration.

Developed an Application in Java Spring Boot framework as a Micro Service REST APIs, Integration & unit testing, Swagger and Production support in Open Banking and Faster Payments.

INNOGY RWE N Power

A British Energy Company, which supplies electricity for more than 120 years.

Deployed Pivotal Cloud Foundry on AWS including BOSH Director, Jumpbox, Concourse CI pipeline, PCF Ops Manager, Pivotal Application Service and Tiles using Shell Scripts.

FACEBOOK

Fake News is all around in social media. This product aims at a solution to find the authenticity of the news.

Developed an Application in Angular Ionic Framework and deployed on AWS cloud.
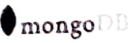
LACOOP

A Canadian Supply Chain Major is embarking on a digital journey for setting up a digital strategy for agricultural business.

Developed an Application in Angular Ionic Framework to demonstrate the supply chain business between this company and it's vendors.

🍕 INTERESTS

DATABASE	PaaS	LANGUAGES	DevOps/ORCHESTRATION	CONCEPTS/TOOLS
MySQL	aws	spring boot	docker	CIGRO
IBM DB2	Pivotal Cloud Foundry	REST API	Jenkins	VERACODE
PostgreSQL	heroku	IONIC	kubernetes	Swagger
mongoDB		Micro Services		
cassandra			vmware vSphere	

PO3 - Design/development of solutions:

This webinar helps to 5G technology! The Small Cells complement the Macro Cells that are used to provide more wide-area coverage. Macro Cells use **MIMO** (Multiple Inputs, Multiple Outputs) antennas which have multiple connections to send and receive large amounts of data simultaneously. It will also provide various network management features such as Network Slicing using which mobile operators will be able to create multiple virtual networks using a single physical 5G network.

PO11-Project Management and finance:

This webinar motivated many of the students to do project on It will also provide various network management features such as Network Slicing using which mobile operators will be able to create multiple virtual networks using a single physical 5G network.

PO12-Life-long Learning:

This webinar provides information on 5G Wireless Technology will not only enhance current mobile broadband services, but it will also expand the world of mobile networks to include many new devices and services in multiple industries from retail to education to entertainment with much higher performances and lower costs, hence helps life-long learning.

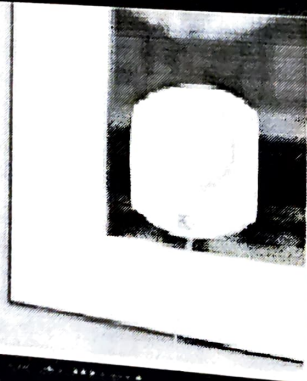**SCREEN SHOTS**

PPT OF THE PROGRAM
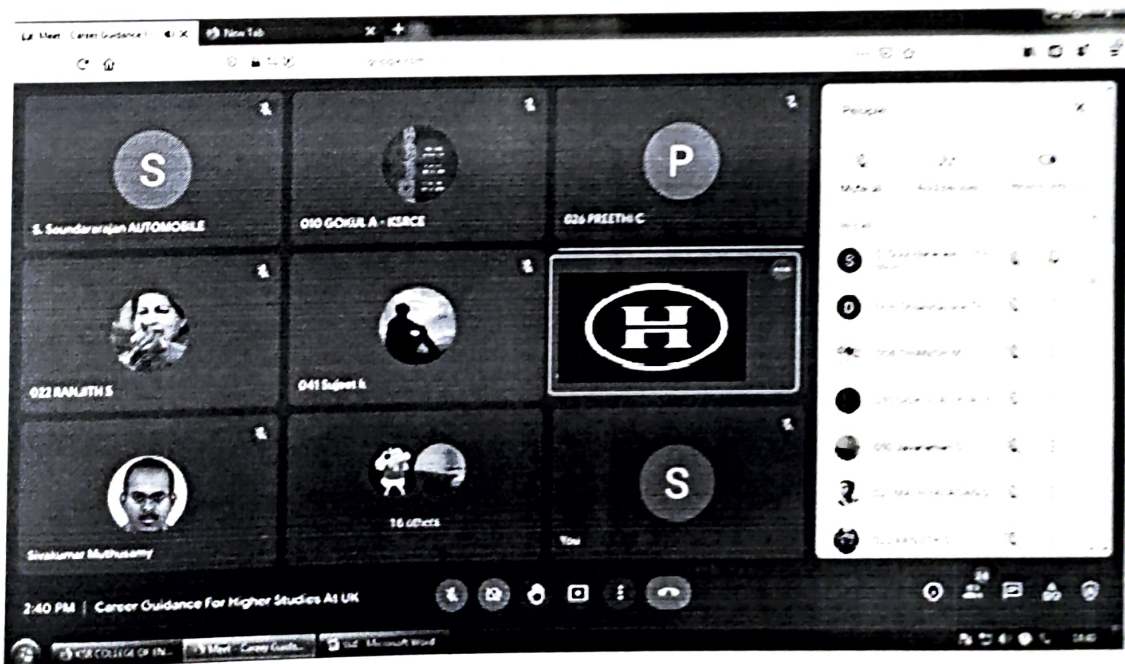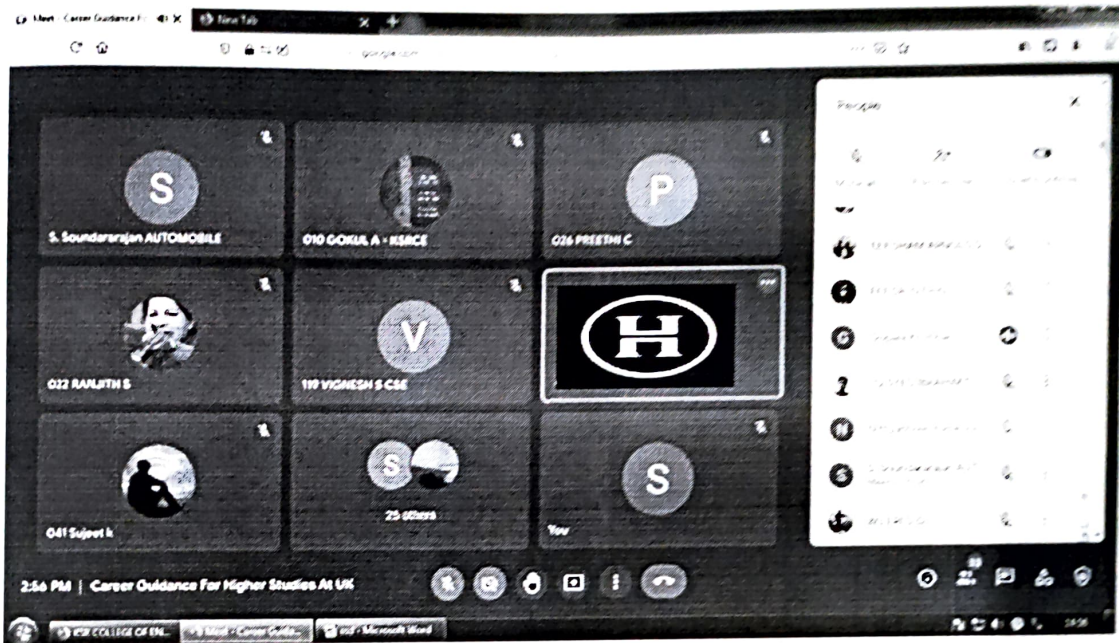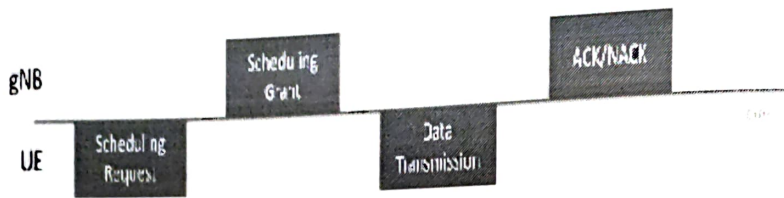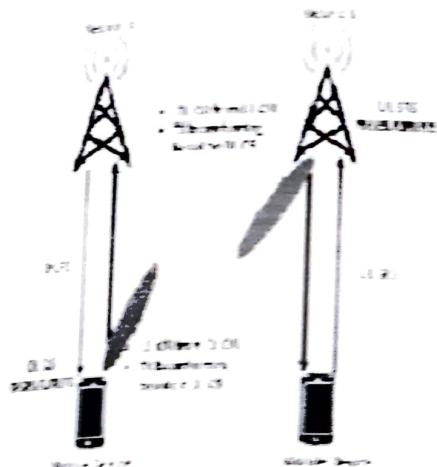
Basic uplink scheduling mechanism

Examples of outdoor (left) and indoor (right) mmWave repeaters

CSIT Acquisition at UE (left) and Network (right)
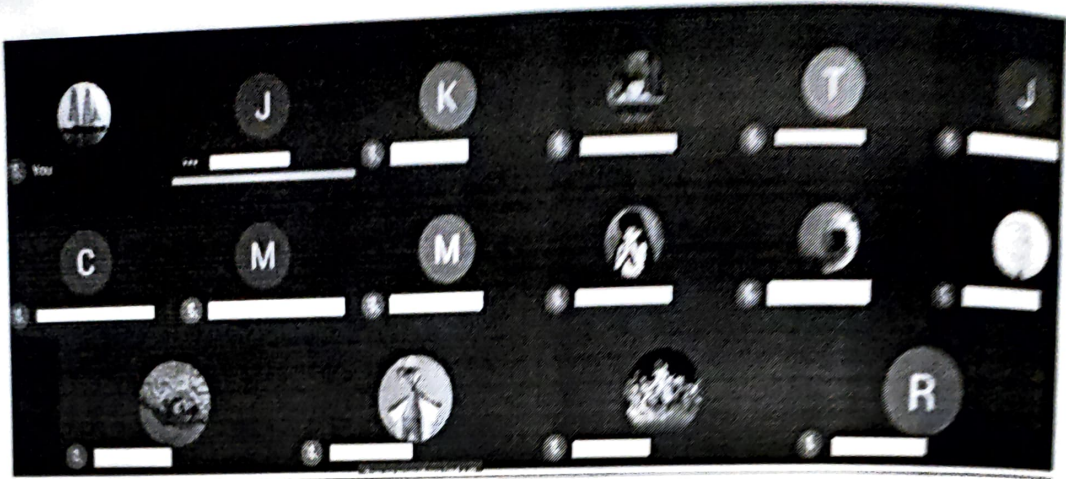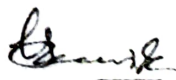
028 Vigneshwaran M S >	510 praveen kumar S >
029 Vijayalakshmi G >	511 Sanjay Kumar NA >
501 Balamuralidharan K R >	514 SRIDHARAN P >
502 BOOBALAN A >	Dr T M SATHISH KUMAR >
010 Keerthana S >	015 Pooja priyadharshini ... >
012 Narmadha E ece >	016 Salamudeen KS >
013 Nivetha Prabakaran >	017 Saran M >
014 POOJA P ECE >	018 Saravanan V >
	015 Pooja priyadharshini ... >
	016 Salamudeen KS >
	017 Saran M >
	018 Saravanan V >

[Dr. P.S.PERIASAMY] HoD-ECE

KSRCE/QM/8.6/ECE/2021-22

K.S.R COLLEGE OF ENGINEERIG (Autonomous), TIRUCHENGODE-637215

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FREE WEBINAR ON "5G Wireless Technology"

26.11.2021

WEBINAR REPORT

Department of Electronics and Communication Engineering, K.S.R College of Engineering (Autonomous), Tiruchengode Organized a Webinar on "5G Wireless Technology" in association with WIPRO technologies on **25.11.2021 at 2.30 PM** through Google meet link: https://meet.google.com/erg -swdx-uze

· The Webinar began with welcome address by **Dr.P.S.Periasamy**the Head of the Department, ECE. He introduced the resource person **Ms. Hemavathi Tamilmaran** Senior Project Engineer; WIPRO Technologies to deliver the lecture and welcomed all the participants.

Impact Analysis on Webinar

- The webinar was very useful to the Faculty members and students to learn about the fundamentals 5G Wireless Technologies. It was very useful for gaining knowledge regarding Wireless Technologies and impact of 5G technologies. 5G 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.

- This webinar helped the Faculty members and students to improve their knowledge on the field of Wireless Technology and the students may have the opportunity to participate in more workshops.

- The webinar has also motivated the students to do more projects using Java Programming. **46 participants** were attended the webinar successfully.

Impacts on Programme Outcomes:

PO1-Engineering Knowledge:

This webinar provides basic engineering knowledge on 5G Wireless Technologies. 5G Wireless Technology is now the latest cellular technology that will greatly increase the speed of wireless networks among other thing