







SRI VENKATESWARA COLLEGE OF ENGINEERING







IETE CHENNAI CENTRE

PRESENTS





A PERSPECTIVE ON 5G COMMUNICATION

Dr.S.KRITHIGA

A.P.(ECE), SRMIST KATTANKULATHUR





12.11.2020 THURSDAY



6.00 PM - 7.00 PM IST



REGISTRATION LINK: https://forms.gle/GH7Tfx3aNTFcaDCn6

GOOGLE MEET LINK: https://meet.google.com/kpu-vter-zbb

E-CERTIFICATE WILL BE PROVIDED

REPORT – WEBINAR #16

A PERSPECTIVE ON 5G COMMUNICATION

Dr.S.KRITHIGA

12/11/2020







REPORT ON WEBINAR SERIES #16 ON "A PERSPECTIVE ON 5G COMMUNICATION" CONDUCTED BY IETE CHENNAI CENTRE

The Webinar was coordinated by SVCE-ISF in association with ISF of

- 1. Jeppiaar Institute of Technology,
- 2. Veltech Multitech Engineering College,
- 3. SRM Easwari Engineering College,
- 4. Panimalar Institute of Technology,
- 5. SRM Institute of Science and Technology.



FLYER ON THE WEBINAR SERIES #16 BY IETE CHENNAI CENTRE

The technical talk was delivered by **Dr.S.Krithiga** on **12/11/2020** from **6:00pm to 7:00pm**. 65+ students actively participated in the webinar.

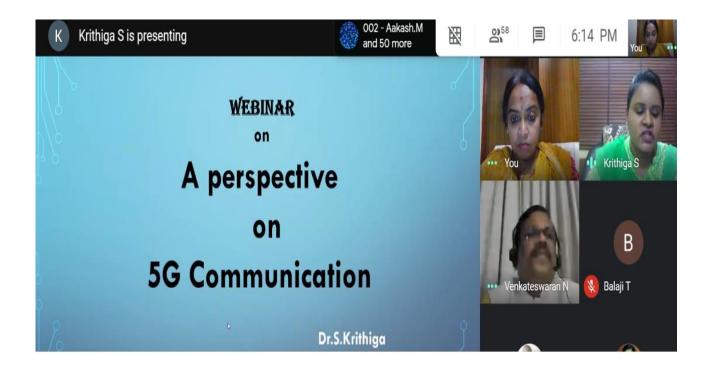
Speaker introduction

Dr.S.Krithiga received her Bachelor of Engineering in ECE from Periyar Maniammai College of Technology for Women in 2001. She completed her masters in Communication Engineering in VIT **IETE STUDENT FORUM SVCE**

University in 2008. She was awarded with Ph.D in the field of wireless communication by SRM Institute of Science and Technology, Kattankulathur in Jan 2019. Currently, she is an Assistant Professor in the Department of Electronics and Communication Engineering at SRM, Kattankulathur. Her research interests include Wireless MIMO, OFDM, Digital Image Processing and Internet of things. She has got many international level journal publications under SCI and scopus indexing. She is currently guiding her research scholars in the areas of IoT and deep learning techniques.

Mr. Venkateswaran, Chairman IETE Chennai addressed the gathering and welcomed the participants.

The Session progressed with the expert talk by Dr.S.Krithiga. She delivered a detailed outlook on the topic "A perspective on 5G Communication".



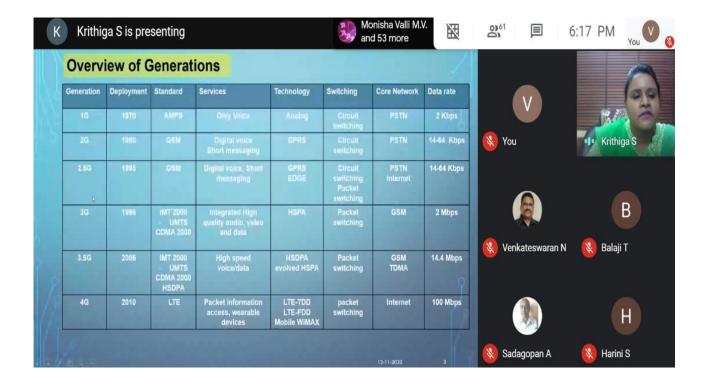
Some of the Key points discussed in the webinar were:

The Speaker commenced with the history of communication and the differences among the features of 1G, 2G, 3G, 4G and 5G. She explained about the access systems and core networks used in different generation technology. We got a clearer insight on the data rate and latency of the communication networks. She detailed us with the applications of the different generation technologies. The speaker talked about the standards and the frequency range in each of the communication networks. She filled us in with all the opportunities for the 5th Generation of communication technology.

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The session was very informative and enlightening. All the participants were captured by the knowledge portrayed by the chief guest speaker. The chief guest speaker was also keen on the "Q&A" session and answered the active queries put forth by the participants.



The session concluded with a "Vote of Thanks" delivered by Mr. Maurya V, SVCE-ISF Chairman.

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SVCE-ISF team comprising of :

Chief Patron- Dr.S.Ganesh Vaidyanathan, Principal, SVCE,

Convener- Dr.S.Muthukumar, Professor, HOD, ECE,

SVCE-ISF coordinator-Ms.T.J.Jeyaprabha,

Chairman-Mr.Maurya Vijayaramachandran,(IV Year ECE),

Vice President-Mr.Jailesh Perumal, (IV Year ECE),

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Ms.B.Amirta Josna (II Year ECE),

Ms.S.Krishnapriya (II Year ECE),

Ms.D.Saalini (II Year ECE)

synchronized well in communicating the significance of the webinar to the SVCE student fraternity and coordinated for the successful execution of the event.

The organizing team was also praised by the Chief Guest speaker for planning and executing the webinar.

Co-ordinator

Head of the Department

Bedverice and Communication Engineering
Sit Vertainsuncer College of Engineering

Schoolschaft (CD 11), India

Sl. No.	University / College Roll No	First Name	
1	170701001	Aakash K.S.J.	ECE
2	170701004	Abirami Sivakumar	ECE
3	170701007	Afridha M	ECE
4	170701008	Agela M	ECE
5	170701010	Ajgith Krishnan	ECE
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19	170701038	S Gopalakrishnan Sundaramurthy	ECE
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21	170701042	Harini Sivakumar	ECE
22	170701043	Harish Damodharan	ECE
23	170701045	Hema Priya M	ECE
24	170701047	JAGADEESHWARI S	ECE
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31	170701059	Kavya E	ECE
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35	170701063	Keshav E	ECE
36	170701064	Keslin M	ECE
37	170701068	Kiruthiga B	ECE
38	170701069	Kishore Kumar	ECE
39	170701070	Krishkumar S	ECE
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41	170701073	LOGESHWARAN M	ECE
42	170701074	Lokesh S	ECE
43	170701075	Madhumitha S	ECE
44	170701078	MARY SHARON	ECE
45	170701084	Narendiran Arumugam	ECE
46	170701086	NELAKANTI SAI MOUNIKA	ECE

47	170701089	Nimmagadda V S A Bhargava Abhiram	ECE
48	170701091	Nisha Sunny	ECE
49	170701093	Nitish K	ECE
50	170701096	Prakash Chellapandian	ECE
51	170701099	Preetha G	ECE
52	170701101	Prem Raj S	ECE
53	170701102	Pritam A	ECE
54	170701103	Ragavi Annamalai	ECE
55	170701104	Rahil H Sakariya	ECE
56	170701105	Rahil Jain	ECE
57	170701108	Raksha P.k.	ECE
58	170701111	RISHIKESH S	ECE
59	170701113	Saagar M	ECE
60	170701114	Saai Ghanesh P	ECE
61	170701117	Sai Harshith k	ECE
62	170701118	Sairam K	ECE
63	170701122	Santhosh S	ECE
64	170701125	Saranya Krishnamurthy	ECE
65	170701126	Shalini A J	ECE
66	170701129	Shivani R	ECE
67	170701131	Shruti Sharada S	ECE
68	170701133	SIVA AYTHIKA.A	ECE
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Event Coordinator

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