WEBINAR

TECHNOLOGIES IN 5G ADVANCED: NON-TERRESTRIAL NETWORK, DEVICE-TO-DEVICE COMMUNICATION, AND TIME SENSITIVE NETWORKING

Date : 09.11.2022 | Time: 1100 Hrs – 1330 Hrs

Registration Link: **https://tinyurl.com/Reg5GAdv**

Joining Link: **https://tinyurl.com/Join5GAdv**

PROGRAMME SCHEDULE

S. No.	SESSION & SLOT	TOPIC & SPEAKER
1	**Inaugural Session** 1100 hrs – 1120 hrs	**Welcome Address** – Sh. Raju Sinha, DG NTIPRIT **Inaugural Address** – Dr. Mahesh Shukla, Member (Service), DCC, DoT
2	**Session 1** 1120 hrs – 1150 hrs	Device to device communication - Prof. Chandra R. Murthy, IISc Bangalore
3	**Session 2** 1150 hrs – 1235 hrs	3GPP 5G-Adv Standardization - Dr. Vinosh James, M/s Qualcomm 3GPP work on Broadcast - Dr. Punit Rathod, M/s Qualcomm
4	**Session 3** 1235 hrs – 1310 hrs	5G Adv. Technologies: Non-Terrestrial Network and Time Sensitive Networking - Ms. Smita Shetty, M/s Nokia - Mr. Rajesh Banda, M/s Nokia
5	**Session 4** 1310 hrs – 1330 hrs	- QnA - Vote of Thanks by Sh. Vinay Raj Choudhary, ADG(WA), NTIPRIT

ABOUT THE WEBINAR

The Recently approved 3GPP Release-18 package include work on embracing artificial intelligence (AI) and machine learning (ML) technologies in the evolution of 5G Advanced, enhancement in network energy savings, coverage, mobility support, MIMO evolution, MBS, and positioning. It will enable more flexible and efficient spectrum use for 5G deployments in various scenarios with different spectrum allocations and support diverse 5G devices, such as extended reality (XR) and cloud gaming devices, low-complexity UEs, vehicular devices, and unmanned aerial vehicles (UAVs). Release 18 will enable flexible network topology by exploiting diverse nodes such as IAB nodes, radio frequency (RF) repeaters, and relays, and integration with NTNs. 3GPP Release 18 will also enhance NR data collection within the scope of the self-organizing network (SON)/minimization of drive testing (MDT).

The Expert Speakers from Academia, Qualcomm and Nokia will explain these features of 3GPP Release 18 / 5G advanced in the webinar.