

EVENT REPORT (SBC31461D)

EVENT TYPE : Expert talk
TOPIC : Antenna for 5G
DATE & TIME : 8th Oct 2021 at 04:00-5:00 P.M
MODE : Online (Google Meet:
meet.google.com/nsh-jcvu-xdt

An expert talk on the topic of " **Antenna for 5G**" by Dr. Shrivishal Tripathi was organized by the IEEE Antenna and Propagation Student Chapter MNIT, Jaipur. The invited speaker Dr. Shrivishal Tripathi Shrivishal Tripathi is working as an assistant professor in International Institute of Information Technology, Naya Raipur. Prior to joining IIIT-NR, he was with BITS-Pilani, Hyderabad and NIIT University, Neemrana as an Assistant Professor. He has done his Ph.D. from Indian Institute of Technology Jodhpur in Electrical Engineering Department. He has received his M.E (Electronics and Electrical Communication) from PEC University of Technology, Chandigarh in 2011.

Ultrawideband (UWB) Antennas, Reconfigurable Antenna, MIMO Antenna, SIW Antenna, Wireless Body Area Network (WBAN), Specific Absorption Ratio (SAR), Energy Harvesting, Cognitive Radio, Radar, Signal Modulation/Demodulation Techniques, MIMO/OFDM System, and Ad-hoc Network.

Dr. Tripathi discussed about various techniques for designing 5G antennas, beamforming techniques, MIMO and massive MIMO antenna array and various challenges faced by the researchers.

In the webinar there are Ph.D. Scholars, MTech Students, UG Students, researchers and scientist participated; a total of 85 participants, among them 66 are IEEE members and 19 are non IEEE members. In the end of session, query session was held in which Dr. Tripathi solved the queries of the researchers.

The session was concluded by Vote of thanks given by Deepshikha Lodhi, Chair, IEEE APS, Student Chapter MNIT, Jaipur.

