



GTU – Graduate School of Engineering and Technology

Webinar # 12 on “Understanding of Antennas for 5G Technology using CST Studio Suite”

Coordinated By: Prof. Gautam D. Makwana

Date & Day: 7th November, 2020, Saturday

Time: 02:30 PM to 03:30 PM

Expert Profile:



Mr. Kartik Goyal is an experienced technical expert of RF & microwave domain with a specialization in Microwave Engineering during M.Tech. Post PG, he was associated with SRMS Trust Institutions, Uttar Pradesh as an assistant professor for approx. four years. Currently, he is working as an application engineer for CST Studio Suite at Jyoti Electronics, Ahmedabad, where he use to the technical discussions & queries from different labs under ministry of defense, Govt. of India & from all the research labs of premier academic institutions of India. He also delivers on-site & off-site training on CST Studio Suite to the research scholars affiliated to IITs, NITs & all institutions & research labs of high national &

international repute. He has a specialized hands-on CST MICROWAVE WIZARD STUDIO on the applications covering RF & optical antennas, plasmonics, photonics, microwave photonics & communication systems.

About the Webinar:

GTU – Graduate School of Engineering and Technology organizes webinar series by industry experts on every Saturday. The purpose of the webinar are to aware industry demand, to explore new technologies, to cope up our students as per the industrial requirement and to promote research opportunities in the emerging area of the program. This is webinar # 12 on “Understanding of Antennas for 5G Technology using CST Studio Suite” by Mr. Kartik Goyal, Application Engineer, Jyoti Electronics, Ahmedabad.

Various theoretical aspect and practical aspect of antenna design have been discussed for 5G Technology. Different case studies, such as various kind of linear array, phase array, MIMO antenna, multiband antenna, have been demonstrated using CST Studio Suite. More than 150 participants have been actively participated in the webinar. The participants are from various parts of Gujarat and India from various academic institutes and industries include UG, PG & Ph.D. students, academician, and technical persons.

Objective of the Webinar:

- To promote research opportunities under the domain of the topic
- To explore CST Studio Suite for various kind of antenna design
- To demonstrate various antenna design for 5G Technology.

Glimpse of the Webinar

