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Five days Faculty Development Program (FDP)

on

"Future-Ready Antenna Design: Cutting-Edge Solutions for 5G mm-Wave and Beyond"

14th – 18th October 2024

(Online mode)

Organized by

**Department of Communication
Engineering**

**School of Electronics Engineering
SENSE**

**Vellore Institute of Technology
Vellore 632014**

About SENSE:

SENSE at VIT was established for imparting state-of-the-art knowledge in Electronics and Communication Engineering and allied areas. The school has set up laboratories with excellent infrastructure in the areas of Electronics, Communication, VLSI, Embedded, Sensors and Nanotechnology. Faculties are actively involved in R&D activities and are working on research projects funded by government organizations like DRDO, ISRO (RESPOND), and DST.

About the event:

The training program aims to deliver a solid foundation in antenna principles, highlight recent advancements, and present research outcomes related to 5G implementations. The FDP will feature sessions dedicated to technologies, techniques, and applications, designed to promote the exchange of knowledge and ideas among experts. It will serve as an excellent platform for those embarking on research in RF and antenna design.

Course Content:

- Fundamentals of mm-Wave and Terahertz Frequencies
- Frequency Selective Surface
- MIMO Antennas
- Antenna Design towards 5G
- Dielectric Resonator Antenna (DRA)
- Reconfigurable Antennas
- HFSS & CST Microwave Studio-Hands on
- Adaptive beamforming and its applications in 5G and beyond

Resource Persons: Experts from Reputed Institutions in India and Abroad.

Eligibility: The training program is open to Industry personnel, Engineering Faculties, Research Scholars and UG/PG students.

Registration Fee :

- Rs.500 + 18% GST (For Faculty),
- Rs.750 + 18% GST (For Industry persons),
- Rs.300 + 18% GST (For Students and Research scholars).

Registration: <https://events.vit.ac.in/>