

## 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

## Course Content:

- Introduction to Sub-6 GHz Antennas for 5G & IoT
- Antenna and amplifier Design using Industry Standards software
- Fabrication Using Mipex PCB Prototyping Machine
- Characterization Using Vector Network Analyzer
- Practical Deployment Challenges in 5G and IoT Devices
- Hands-on Mini Project: Design and Testing of Sub-6 GHz/5G

Date: 17th June 2026

Venue: TT 145 (Hybrid)

Time: 10.00 AM to 5.00 PM

## Registration Fee:

UG/PG/Research Scholars// Faculty: **Rs. 200 +GST**

A certificate will be issued to all the registered participants. Use following link to make online payment.

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

## Advisory Committee:

### Dr. Jasmine Pemeena Priyadarisini

Professor and Dean,

School of Electronics Engineering  
(SENSE), Vellore Institute of Technology,  
Vellore, India.

### Dr. Kannadassan D

Professor & Head,

Department of Communication  
Engineering, School of Electronics  
Engineering (SENSE), Vellore  
Institute of Technology, Vellore,  
India.

## Coordinators

**Dr. Vijay Kumar**

**Dr. Avinash Chandra**

School of Electronics Engineering  
(SENSE), Vellore Institute of Technology,  
Vellore – 632 014.

Contact Numbers:

+91-8110019925

E-Mail: [vijaykumar@vit.ac.in](mailto:vijaykumar@vit.ac.in)

+91-9572373184

E-Mail: [avinash.chandra@vit.ac.in](mailto:avinash.chandra@vit.ac.in)



## A One-day National Workshop (hands-on)

## Next-Generation Printed Antennas and Amplifiers for 5G-Enabled IoT: Design to Deployment



**Department of  
Communication Engineering  
School of Electronics  
Engineering, VIT**