



Five days Faculty Development Program (FDP)

on

Microwave Photonics Enabled Wireless Communication for Advanced Systems

(Hybrid Mode)

01st – 05th April 2024

Organized by

Department of Communication

Engineering

School of Electronics

Engineering (SENSE)

Vellore Institute of

Technology

Vellore-632014

Advisory Committee:

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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 objective of the training program is to provide strong fundamentals of 5G infrastructures and 6G technologies, which are often used to describe the next-generation wireless communication systems that rely on advanced microwave and photonic devices for improved performance and capabilities. The workshop will include sessions focused on technologies, techniques and applications with the intent to foster the exchange of knowledge and ideas between experts. It will be a good platform for those who started their research in the field of microwave/ RF and photonic technologies.

Course Content:

- Advanced Optical Sensors for Health Monitoring
- Fiber Optics Sensors
- Reconfigurable Intelligent Surfaces for Future Wireless Communications.
- Nanophotonic devices and sensor
- Advances in Artificial Intelligence and Measurement Techniques for Electromagnetic Applications
- Power Amplifier
- Wearable Antennas
- Fano Resonance and Optical Sensing

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. 750 + 18% GST (For Faculty),

Rs. 1000 + 18% GST (For Industry Persons),

Rs. 500 + 18% GST (For PG and Research Scholars).

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