



**VIT**  
Vellore Institute of Technology  
(Deemed to be University under section 3 of UGC Act, 1956)

# Academic Staff College (ASC)

In association with School of Electronics Engineering (SENSE)



Cordially invites you to

**5 Days FDP (10.00 AM - 4.30 PM)**

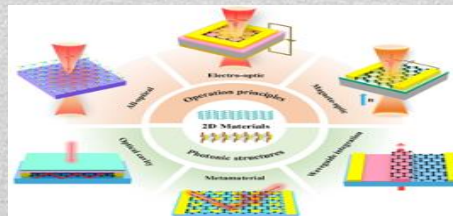
Faculty Coordinators : Prof. Rajkishor Kumar, Prof. Avinash Chandra, Prof. Sivanantham S

## Recent Advances and Future Directions of Microwave & Photonic Devices for Communication Systems

### Resource Persons :

- Dr Srinivas Talabattula, Indian Institute of Science Bangalore
- Dr Deepa Venkitesh, Indian Institute of Technology Madras
- Dr Debdeep Sarkar, Indian Institute of Science, Bangalore
- Dr Kapil Debnath, Indian Institute of Technology Kharagpur
- Dr Arvind Kumar, Visvesvaraya National Institute of Technology, Nagpur
- Dr Sounik Kiran Dash, National University of Singapore, Singapore
- Dr Gaurav Varshney, National Institute of Technology Patna
- Dr Ritu Raj Singh, Netaji Subhas University of Technology, Delhi
- Dr Thummaluru Sreenath Reddy, Indian Institute of Information Technology, Kancheepuram
- Dr Srijith K, Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram

**21-25, November 2022**  
**(Monday – Friday)**



### Discussion Points :

- Photonic Analog to Digital Converters
- Fiber Optic Sensors Multiplexing Antennas
- Challenges and Future Scope
- Silicon on Insulator (SoI) waveguide and its application in passive sensing
- TeraHertz Absorbers and Sensors
- Fiber optic sensors for Industrial Applications Full Duplex Antenna Systems and Space
- Time Metamaterials for 6G and Beyond
- Optical characterization of integrated photonic devices
- Ultrathin Metamaterial Absorber Substrate Integrated Waveguide Technology and its applications towards 5 G