

In association with School of Electronics Engineering (SENSE)

One-Week FDP (9.30 AM-4.30 PM)

Faculty Coordinators : Dr. Naveen Mishra , Dr. Avinash Chandra

## Recent Trends On Microwave And Photonics

### Resource Person :

- Dr. Sushrut Das, IIT Jharkhand
- Prof S K Koul, IIT Delhi
- Dr. A R Haish, IIT Kanpur
- Dr. Raghendra Kumar Chaudhary, IIT Dhanbad
- Dr Mrinal Sen, IIT Dhanbad
- Dr. Saptrishi Ghosh, IIT Indore
- Mr. Shekhar Saxena , Sterlite Technologies, Aurangabad
- Dr. Surya Kumar Pathak, Institue of Plasma Research Ahmedabad
- Mr. Pravakar Mallick, DRDO Chandipur
- Dr. Kundan Kumar, Sant Longowal Institute of Engineering and Technology, Sangrur
- Dr. Surinder Singh, Sant Longowal Institute of Engineering and Technology, Sangrur
- Dr. Santosh Kumar, Liaocheng University, China

### Discussion Points

- Optical Fiber Based Plasmonics Sensors for Clinical Applications
- Radio-frequency Identification
- Introduction to high speed optical transmission systems
- Reconfigurable Microwave absorber based on Frequency selective surfaces
- RCS Stealth Technology
- Applications of photonic crystal in photonic integrated circuits
- Application of FSS in Waveguides
- Dielectric Resonator Antennas : Design and Analysis
- Millimetre Waves
- Ultrahigh Speed Optical Signal Processing Logic Based on SOA-MZI
- Substrate Integrated Waveguide Technology for 5G and IoT applications

18 – 22 January 2021

( Monday - Friday)





