

PMRF-ISSS Teaching Programme

Prime Minister Research Fellowship students' teaching requirement
facilitated by the Institute of Smart Structures and Systems



Module PMRF-ISSS064/2022

Microwave Circuits

Name of the PMRF student

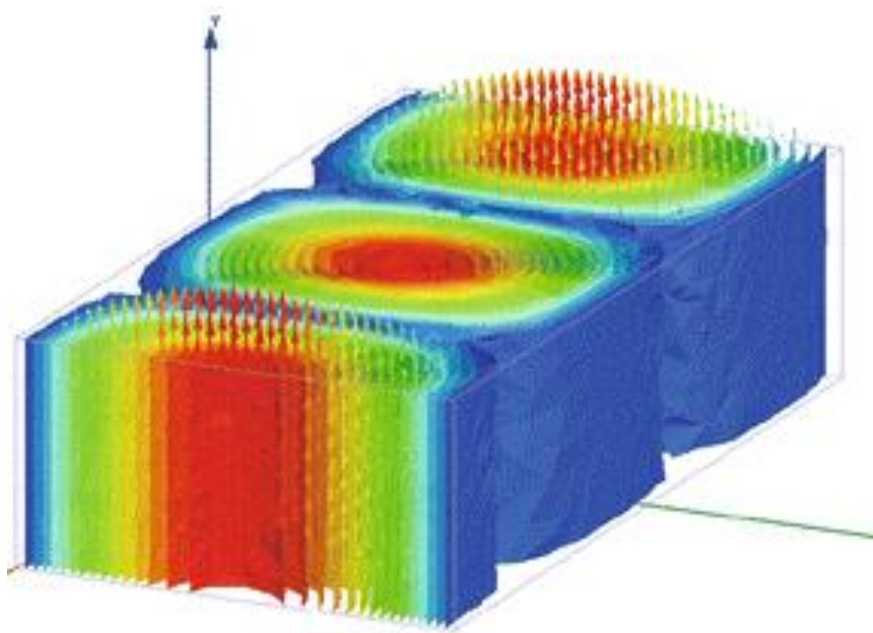
Anand Kumar

Required background of the students taught

Electrical, Electronics, Communication, Instrumentation, Physics, Aerospace

Online session coordinator

Will be chosen from the list of registrants



Details of the content of the module

Course Outline:

1. Introduction To Microwave Engineering
2. Electromagnetic Theory
3. Transmission Line Theory
4. Transmission Lines And Waveguides
5. Microwave Network Analysis
6. Impedance Matching And Tuning
7. Microwave Resonators
8. Power Dividers And Directional Couplers
9. Microwave Filters

Course Includes Lectures, Tutorials And Assignments.

Schedule of the module

Class Timing: **3:00-4:30 PM**
(Monday, Wednesday, Friday)
([Course Website](#))

Class Begins: **10th February 2022**

Contact: anandkumar13@iisc.ac.in



Meeting link : Will be shared later

Contact email
ID: iiss.forum@gmail.com

Registration link:
<https://forms.gle/DLzGdMDHv9kp6JG>
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