FACULTY DEVELOPMENT PROGRAMME
On
“Recent Trends in Microwave and Antenna Technology”
18th to 22nd May, 2015

Registration Form

1. Name: ..............................................
2. Designation: ........................................
3. Organization: ........................................
4. Sex: ..................................................
5. Address: .............................................

6. Phone/Mob. ...........................................
7. E-mail. ..............................................
8. Education Qualifications: ....................... 

Date: ........................................
Place: ........................................
Signature

Recommendation and Forwarding from the Organization

Signature with Seal from
Head of the Organization

Topics to Be Addressed

- Microwave devices and circuits
- Metamaterials
- Millimetre wave and submillimetre-wave technologies
- Microstrip antennas
- Smart Antenna and MIMO antenna
- Antenna arrays, reconfigurable antennas
- Radar, imaging, sensing and localisation
- Ultra-wideband techniques and applications
- EMI/EMC

Speakers

Prof. Ajay Chakraborty, IIT KGP
Prof. Debatosh Guha, Calcutta University
Prof. J. Y. Siddiqui, Calcutta University
Prof. Ratnajit Bhattacharjee, IIT Guwahati
Prof. S.R. Bhadrachoudhury, IIEST, Shibpur
Prof. G. K. Mahanti, NIT Durgapur
Prof. Rowdra Ghatak, NIT Durgapur
Prof. R. K. Mishra, Behrampur University
About NIT Silchar:
National Institute of Technology (NIT) Silchar (an Institute of National Importance by MHRD, Govt of India), was established in 1967 as Regional Engineering College (REC) Silchar, Assam. In 2002 it was upgraded to NIT from REC. It is situated on the banks of river Barak and on a sprawling campus spread over 600 acres of land on the outskirts of Silchar. It is surrounded by beautiful lakes and hillocks. It offers six undergraduate courses and ten Post-Graduate courses. The department of Electronics & Communication Engineering offers B.Tech, M.Tech (Microelectronics and VLSI Design) and (Communication and Signal Processing Engg.) and PhD degrees. The department is equipped with state-of-art laboratories of VLSI Design, Microwaves, Signal processing, Communication Engg with industry standard simulation tools and Equipments.

Important Dates
Last Date of Receipt of Registration Form:
5th April, 2015
Date of FDP:
18-22May, 2015

Importance and Scope
The program intends to present the methodology for the design and development of the components at Microwave and Millimeter Wave Frequencies. It attempts to provide a timely update on latest trends, technologies and tools in RF and Microwave domain. The curriculum will present the techniques for design, modelling and fabrication of different types of basic antennas. It aims to provide a platform to the participant to grab knowledge in the field of Applied Electromagnetics in various applications and about the emerging technology of Microwave integrated circuits. The program will include the various aspects of microstrip antennas and the state of the art developments that have taken place in the recent time. It opens up opportunity to highlight the design consideration and application of the reconfigurable antennas in the realm of wireless communication. The course will address the issues like EMI/EMC and the measurement of the radiated electromagnetic field quantities to ensure the satisfactory performances of the electrical or electronic equipment's in Electromagnetic Environment.

Course Coordinator

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Intended Audience/Benefits and Learning Objectives:
Faculty members, Researchers from R&D Organizations post graduate students and Research Scholars from various Science and Engineering colleges and Polytechnics

Registration:
There is no registration fee for attending the program.

How to Reach NIT Silchar:
There are daily flights from Kolkata, Guwahati, Imphal and Agartala. Silchar is also well connected by road. Buses run every day from Guwahati, Agartala and Imphal and provide day as well as night services. The preferred bus services are Capital, Network, ASTC, Jagannath and Royal Tours and travels. Rail connectivity is discontinued temporarily due to broad gauge conversion of railway tracks.