

REGISTRATION FORM

Name:

Qualification:

Specialization:

Designation:

Organization:

Contact Address:

Email ID:

Mobile Number:

Date:

Signature:

Kindly send the payment proof and filled registration form by mail to the mail id.

cadofmic@gmail.com

Coordinator:

Prof. S. Raghavan, ECE, NIT Trichy.

Computer Support: Dr. M. Bhaskar
Professor, ECE, NIT Trichy.

Co-coordinators:

Arvind Kumar, Sr. Research Scholar

Prof. Murugeswari B,

HOD-ECE, K. Ramakrishnan College of
Engineering, Trichy

Ananya Parameswaran, Sr. Research
Scholar

Divya Chaturvedi, Sr. Research Scholar
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Workshop on CAD of Microwave Integrated Circuits (MIC)

June 9-10, 2018

Important Dates:

Last date for registration: **June 6, 2018**

Intimation by email: **June 7, 2018**

Organized by:

The Department of Electronics &
Communication Engineering

National Institute of Technology

Tiruchirappalli

Tiruchirappalli-15

Resource persons:

Dr. Girish Kumar, Professor, IIT Bombay

Dr. S. Raghavan, Professor, NIT-T

Dr. P. Muthuchidambaramathan, Professor, NIT-T

Dr. D. Sriram Kumar, Professor, NIT-T

Dr. Suganthi, Professor, Christ University, Bangalore

Dr.R. Pandeewari, Professor, NIT-T

Mr.S. Purushothaman, Scientist Engineer -E, ISRO
Bangalore

RESEARCH SCHOLARS NIT-T-Domain
Experts.

The National Institute of Technology Tiruchirappalli, NIRF-2018 first amongst NITs, was started in 1964. The Electronics and Communication Engineering (ECE) Department was established in the year 1968. The department offers UG, PG, M.S. & Ph.D. degree programs in the ECE. The present H.O.D. is Dr. G. Lakshmi Narayanan.

Highlights of the Workshop:

The objective of the course is to impart in-depth knowledge in the Computer-aided design of Microwave components including antennae through the conventional coding (MATLAB). The highlight of the workshop is to compare the joy and originality of getting the solution through conventional coding with that of commercial software tools (ADS, HFSS, CST MWS, COMSOL, etc.). Each has got its own exclusive merits and demerits. The demonstrations will speak of the above claim.

Eligibility:

The programme is open to the Research Scholars, UG, PG, faculty members, and Industry persons, to get exposed to the state-of-the-art design of MICs.

Registration Fee:

Participants Fees: **Rs.1000/-**
 Participants from Industry: **Rs.3000/-**
 Participants are requested to pay the registration fees by NEFT transfer only, the details are as follows:

Account Name: Electronics Communication Engineering Association
Account Number: 10023883609
IFSC Code: SBIN0001617
Branch: SBI, NIT, Tiruchirappalli.
Account type: Savings Account

Note:

Accommodation shall be borne by the participants on their own. No TA/DA will be provided. Workshop kit, certificate, snacks and lunch will be provided.

Topics to be Covered:

- Planar antenna design concepts –Do's and Don'ts
Prof. Girish Kumar
- Design essentials of planar transmission lines-Nomogram using Matlab
Prof. S. Raghavan
- Electromagnetics-Interesting facts
Prof. P. Muthuchidambaranathan
- Metamaterial unit cell design through Matlab
Prof. D. Sriram Kumar
- Fractal Antenna Design using Matlab
Prof. Suganthi
- Metamaterial Antenna Design through Matlab
Prof. Pandeewari R and Samson Daniel
- Antenna Measurement Techniques.
Purushothaman S
- SIW Filter Design using Coupling Matrix
Ananya Parameswaran
- M.I.C Filter Design using GUI
Praveena N
- Method of Moments (MoM) using Matlab
Ananda Reddy M
- Frequency selective surfaces
Krushna Kanth
- SIW CP Antenna
Arvind Kumar
- SIW miniaturization Techniques
Divya Chaturvedi
- SIW antennas
Prof. Murugeshwari B
- SIW Phase Shifter Design
Avanika
- (SIW) ANN using Matlab
Anil
- Session for participants-if interested, may give demo for 10 minutes on CAD of MICs. But prior intimation is required.

The Core Team



“SEEING IS BELIEVING”

