REGISTRATION FORM
FIVE DAYS SHORT TERM COURSE ON

Communication Techniques and Antenna Design

6th Jan – 10th Jan, 2020

Name (Block Letter):

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Designation:

....

Organization:

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Official Address:

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Mobile: ....

e-mail: ....

Demand Draft No:…………..

Accommodation Required: .... (Yes/ No)

If Yes, Place: ......………………….. (Guest House / Hostel)

Date :   Signature

Signature of the corresponding authority:

FIVE DAYS SHORT TERM COURSE ON

Communication Techniques and Antenna Design

6th Jan – 10th Jan, 2020

Organized by

**Department of Electronics and Communication Engineering
National Institute of Technology
Tiruchirappalli
Tamil Nadu – 620015
India**

COURSE COORDINATORS

Dr. N. Gunavathi
Dr.G.Thavasi Raja
Dr.D.Sriram Kumar

*Department of Electronics and Communication Engineering
National Institute of Technology
Tiruchirappalli- 620015*

email: gunavathi@nitt.edu

Phone No: **0431 – 250 3300**
          0431 – 250 3315
Mobile No: **9489536873**

ABOUT NITT

The National Institute of Technology, Tiruchirappalli (NIT-T), formerly known as Regional Engineering College, Tiruchirappalli (RECT) is one of the technical institutes started by the Government of India. RECT was imparting quality education since its inception in the year 1964. In 2003, the Institution has been granted 'Deemed to be University' status with the approval of UGC/AICTE. With a cream of engineering and management talent, encompassing exuberant students and inspiring faculty, integrated with State-of-the-art infrastructure facilities, NIT-T today has emerged as one of the premier institutions in the country. The Institute has signed MoUs with various Industries and Institutions both in India as well as in abroad to promote collaborative research and consultancy.

ABOUT THE DEPARTMENT

The Electronics and Communication Engineering (ECE) Department was established in the year 1968. The vision of the Department is to provide valuable resources for industry and society through excellence in technical education and research. The Department offers Under graduate, Post Graduate, research degrees (M.S. & Ph.D.) programs. Research in the Department focuses on various disciplines such as Communication systems, Wireless networks, Signal and Image Processing, RF MEMS, Microwave Antennas, MIC, Optical Communication, Photonics and VLSI systems.

OBJECTIVE OF THE COURSE

The Objective of this short term course is to disseminate the basic knowledge of analog and digital communication techniques and antenna design for the benefits of UG/PG Students, Research Scholars and Faculty from Engineering/Polytechnic colleges.

RESOURCE PERSONS

The resource persons are from NIT, Tiruchirappalli.

COURSE CONTENT

- Basics of Communication System
- Analog Communication
  - Need for modulation
  - Modulation Techniques (AM, FM & FDM)
  - FoM of AM & FM Systems
- Digital Communication
  - Modulation Techniques
  - BER of Binary Modulation Techniques
  - Error Control Coding
  - Spread Spectrum Modulation
- Design of Microstrip Patch Antenna
- Modeling of Wireless Communication system using MATLAB
- Analysis and synthesis of Antenna using HFSS/CST Software

REGISTRATION

Category	Individuals[inclusive of GST]
UG/PG Students & Research Scholars	Rs.1500/-
Faculty	Rs.2500 /-

The DD should be taken in favor of "**The Director , NIT, Tiruchirappalli**" payable at Tiruchirappalli.

The registration fee includes workshop kit, lunch and refreshment for all days.

ACCOMMODATION

Accommodation for participants will be arranged in the institute hostels / guest house **on payment basis**.

In Guest house: Rs. 600 per day

In Institute Hostel: Rs. 70 per day

IMPORTANT DATES

Complete Registration form along with the scanned DD copy should be mailed to the coordinator on or before **20th December , 2019** to the email **gunavathi@nitt.edu**

For any clarifications, please contact:
Mrs. P.Rajalakshmi, Research Scholar/ECE
Mobile: 9786967176

Note: DD can be submitted at the time of course registration.