



ELECTRONICS & ICT ACADEMY
NATIONAL INSTITUTE OF TECHNOLOGY
WARANGAL – 506 004 (Telangana State)
DeitY, HRD division, Ministry of ICT, Govt. of India SPONSORED
Faculty Development Programme (FDP)



On

RF ANTENNA DESIGN

Jointly Organized by

Electronics & ICT Academy, NIT Warangal and
Department of ECE, Mahatma Gandhi Institute of Technology, Hyderabad

Preamble:

"Electronics & ICT Academy" is set up at NIT Warangal with financial assistance from DeitY, MCIT, Gol. The role of academy is to offer faculty development programs in emerging areas of Electronics, Information & Communication Technologies; training & consultancy services for Industry; Curriculum development for Industry; CEP for working professionals; Advice and support for technical incubation and entrepreneurial activities. Under the umbrella of this academy, a standardized course namely '**RF Antenna Design**' is proposed to be held at MGIT, Hyderabad.

Antenna is an integral part of any wireless communication system and wireless communication has penetrated into the life of many people. The demand for wireless communication is still growing. As a result, more and more Electronic Engineers become involved with the design of antennas. This course is especially developed for the people who are fascinated to understand the design aspects of antennas and want to develop antennas for modern communication systems. Additionally, this course will be very useful for the faculty who are teaching Antenna and Wave Propagation (AWP) for B.Tech courses.

Major Course Contents:

- Review of basic definitions, concepts and relations.
- Commercial EM simulators
- Design and Simulation of Antennas
- Multifunction antennas and arrays
- Fractal Antennas
- Smart antennas
- Ultra Wide band antennas
- Conformal antennas etc.

Simulation is used throughout this course. In this section, attention will be given to practical issues such as meshing, feeding the structure, problems with dielectrics etc by the software vendors.

Resource Persons:

The programme will be conducted by the faculty members of **NIT Warangal**. Academicians in the concerned field from **IITs/NITs**, speakers from R&D organizations are also expected as part of the course.

Eligibility: The programme is open to the teachers of engineering colleges from Electronics and Communication Engineering in Telangana, Andhra Pradesh, Karnataka states and Goa. Industry personnel working in the concerned/allied discipline can also attend.

Registration Fee Particulars:

Faculty members: Rs 2000/- (For SC/ST: Rs 500/- only)
(Telangana, Andhra Pradesh, Karnataka, Pondicherry and Goa and Andaman & Nicobar islands)

Industry & Other participants (Ph.D. and PG scholars)
Rs 6000/-Only

Faculty members Other states Rs 8500/- only

The participants need to submit a crossed demand draft (DD) for an amount of Rs 500 or Rs. 2,000/- or 6,000/- or 8500/- as the case may be drawn in favor of "**Director, NIT Warangal**" and payable at **SBH, NIT Warangal branch**.

Accommodation:

Boarding & lodging will be provided in the college hostels at MGIT, Hyderabad based on the participant's requirement.

How to apply:

A filled in form of application in the prescribed format duly signed and sponsored by appropriate authorities (along with demand draft) should be handed over at the registration desk on the first day of FDP. It is mandatory to send scanned copies of application form and demand draft through e-mail to sp Singh@mgit.ac.in and acknowledgement will be intimated through e-mail.

Selection Criterion:

Selection will be done based on **first-cum-first-serve basis** and the confirmed candidates will be notified immediately. The maximum number of participants will be **50 (fifty)**. Additionally 10 participants from industry are allowed to participate. A test will be conducted at the end of the course. Candidates will be issued certificates on successful completion of the course along with grade awarded for the test.

Venue: Mahatma Gandhi Institute of Technology, Gandipet, Chaitanya Bharathi- Post, Hyderabad

Last date for submission of application: 12/06/2017
Selection intimation by email : 15/06/2017

Spot registrations will also be accepted based on the number of registrations

Duration of Program: 19/06/2017 to 24/06/2017

About NITW & MGIT

National Institute of Technology (formerly Regional Engineering College), Warangal is the first among 17 RECs setup as joint venture of the Government of India and the state government. Over the years the college has established itself as a premier Institution imparting technical education of a very high standard leading to the B.Tech degrees in various branches of engineering and M.Tech. and Ph.D. programs in various specializations.

Mahatma Gandhi Institute of Technology, established in 1997 by the Chaitanya Bharathi Educational Society in a serene and tranquil atmosphere at Gandipet, Hyderabad has grown rapidly since its inception. MGIT is spread over 30 acres of pleasant landscape with marvelous infrastructure. MGIT is affiliated to JNTU Hyderabad and established with a vision to inspire and motivate students to assimilate knowledge and erudition with which they excel and serve the nation with great zeal and confidence.

FORMAT OF APPLICATION
Electronics and ICT Academy
Faculty Development Programme
on
RF Antenna Design
(19/06/2017 to 24/06/2017)

1. Name :
2. Designation :
3. Institution :
4. Email:
5. DD No: Bank: Date:
6. Address for Correspondence:
7. Mobile No:
8. Educational Qualifications with specialization:
9. Subjects taught so far:
10. No. of refresher courses/workshops attended:
11. Experience (in years)
 Teaching :
 Research:
 Industry:
12. Accommodation required: YES / NO
13. Do you belong to SC/ST: YES/NO

Declaration

The information provided is true to the best of my knowledge. I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Place:
Date: Signature of the applicant

Coordinator

Prof. N.V.S.N. Sarma
Electronics & ICT Academy
National Institute of Technology
Warangal (T.S.) Mobile: 9849639262

SPONSORSHIP CERTIFICATE

Dr/Mr/Ms. is
..... is
an employee of our Institute/Organization and is
hereby sponsored to participate in the FDP on
'Practical RF Antenna Design' sponsored by
Electronics & ICT Academy to be held during
19th – 24th June 2017 at Mahatma Gandhi
Institute of Technology, Hyderabad.
Place:
Date:

Signature of Head of Institution
(with seal)

Address for correspondence

Head, Department of ECE,
Mahatma Gandhi Institute of Technology
Gandipet, CB Post, Hyderabad-75
For any enquiry contact:
Mobile:
9849147065 and 984848464

Mail the scanned copies of filled-in and duly
signed application form and DD to
spsingh@mgit.ac.in

For more information visit: <http://nitw.ac.in/eict/> and
www.mgit.ac.in

Co-Coordiators

Dr. Ch. Raja
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Mahatma Gandhi Institute of
Technology, Hyderabad.
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