

**ADVANCES IN PRACTICAL RF ANTENNA DESIGN****(25<sup>th</sup> – 30<sup>th</sup> November, 2019)**

Organized by

**E & ICT Academy, National Institute of Technology, Warangal**

at

**Sree Vidyanikethan Engineering College, Tirupati****(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)****Preamble:**

“Electronics & ICT Academy” was set up at NIT Warangal with financial assistance from MeitY, Govt. of India (GoI). The jurisdiction of this academy is Telangana, Andhra Pradesh, Andaman and Nicobar Islands, Goa, Pondicherry and Karnataka states/UTs. This academy role is to offer faculty development programmes in standardized courses and emerging areas of Electronics, Information Communication Technologies, Curriculum development for Industry, Training & Consultancy services for Industry; CEP for working professionals, Advice and support for technical incubation and entrepreneurial activities.

As part of this initiative, a Faculty Development Programme (FDP) on “Advances in Practical RF Antenna Design” is being conducted at Sree Vidyanikethan Engineering College, Tirupati for the Faculty members of engineering colleges, industries and research laboratories.

The proposed faculty development programme (FDP) is devoted to the fundamental theory, recent developments and research outcomes addressing the related theoretical and practical aspects in the usage of advanced tools and techniques for the Design of Practical RF antennas. FDP provides an exposure to new areas of research and development being carried out in universities abroad and rest of the world. FDP enhances the research competence of faculty in the areas of RF antennas by providing exposure to practical problems and solutions, through case studies and live projects.

**Major Course Contents:**

- **Radiation Mechanisms**
- **Antenna Fundamentals**
- **Antenna Parameters and Measurements**
- **HF, VHF, Wideband and Multiband Antennas Design**
- **Dual and Circularly Polarized Antenna Design**
- **Antenna Array Design**
- **Ultrawide band antennas**
- **Antenna Miniaturization Computational Electromagnetics (CEM)**
- **Antenna for Defense and Missile Applications**
- **Modelling and Simulation of Antennas**

**Faculty Conducting this Programme:**

The programme will be conducted by the faculty members from NIT Warangal. Academicians from IITs/NITs/IIITs in concerned field are invited to deliver lectures in the programme. Speakers from industries are also expecting to deliver lectures.

**Eligibility:**

The programme is open to the faculty, Research Scholars of engineering colleges and other allied disciplines in India. Industry personnel working in the concerned/allied discipline can also attend.

**Organized at:**

The programme will be coordinated and conducted by Department of ECE, Sree Vidyanikethan Engineering College, Tirupati, Andhrapradesh.

**Accommodation:**

No TA/DA will be paid to the participants. Accommodation is arranged for outstation participants on PAYMENT Basis, Working Lunch, Tea & Snacks would be provided during the training at SVEC campus.

**Registration Fee Particulars:**

- **Faculty/Research Scholars** : Rs. 2,500/- Only
- **Industry participants** : Rs. 7,500/- Only

Participants need to pay the Registration fee either in the form of Demand Draft (DD) or Online Transfer using the following details

DD Details	Online Transfer Details
Demand Draft infavor of “Electronics & ICT Academy NITW, NIT Warangal” payable at any bank in Warangal	Account Name: Electronics & ICT Academy NITW Account No.: 62423775910 Name : State Bank of India Branch: REC Warangal IFSC: SBIN0020149

**How to Apply:**

A filled in form of application in the prescribed format duly signed and sponsored by appropriate authorities (along with DD/Online Transfer Receipt) should reach the coordinator by speed post. It is also mandatory to send scanned application form & DD/ Online Transfer receipt through email to [anithavr@ieee.org](mailto:anithavr@ieee.org) as selection will be intimated only through mail.

**Selection Criteria:**

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. The list of selected participants will be sent to their personal *e-mail* IDs. In case a candidate is not selected, the demand draft will be sent back. A test will be conducted at the end of the course. Candidates will be issued satisfactory certificate on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

**Important Dates:**

Last date for submission of application: **12<sup>th</sup> November, 2019**

Selection-list intimation/display before: **15<sup>th</sup> November, 2019**

Duration of Program: **25<sup>th</sup> to 30<sup>th</sup> November, 2019**

**About NIT Warangal:**

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, M.Tech & Ph.D programs in various specializations.

**About SVEC, Tirupati:**

Sree Vidyanikethan Engineering College, Tirupati was established in 1996 by Sree Vidyanikethan Educational Trust under the stewardship of Dr. M. Mohan Babu, renowned film artiste, Padmashri Awardee and former Member of Parliament (Rajya Sabha), approved by AICTE, New Delhi and affiliated to Jawaharlal Nehru Technological University, Anantapuramu. The college conferred ‘Autonomy’ by UGC, New Delhi. 6 UG and 4 PG Programs are accredited by National Board of Accreditation (NBA, New Delhi). Awarded ‘Colleges with potential for Excellence’ by UGC, New Delhi under XII Plan period UGC-cheme. The college is accredited with “A” grade by NAAC. The college offers B.Tech Program in 8 disciplines, M. Tech Program in 7 specializations and MCA, and Ph.D programs in 3 disciplines. The college was selected for participation in TEQIP-II under Sub Component 1.1: Strengthening Institution to improve learning outcomes and employability of graduates with a grant of Rs.4 Crores. An additional fund of Rs. 2 crores obtained as one of the best performing Institution. MoUs with 20 Industries/Institutions.



FACULTY DEVELOPMENT PROGRAMME (FDP) ON

# ADVANCES IN PRACTICAL RF ANTENNA DESIGN

(25<sup>th</sup> – 30<sup>th</sup> November, 2019)

Organized by

E & ICT Academy, National Institute of Technology, Warangal

at

Sree Vidyanikethan Engineering College, Tirupati

(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)



## APPLICATION FORM

- Name of the Applicant:
- Designation :
- Institution :
- E-mail ID :
- Mobile No. :
- Category
  - Faculty/Scholars (Rs. 2,500/-)
  - DD /Online Transfer Receipt No: \_\_\_\_\_
  - Industry Participants (Rs. 7,500/-)
  - Bank: \_\_\_\_\_ Date : \_\_\_\_\_
- Address for Correspondence:
- Subjects taught so far:
- Educational Qualifications with specialization:
- No .of refresher courses/workshops attended:
- Experience (in years) :  Teaching  Research  Industry
- Do you require accommodation during Training : YES/NO
- Do you belong to SC  ST

### Declaration

The information provided is true to the best of my knowledge. If selected, 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

### SPONSORSHIP CERTIFICATE

Dr./Mr./Ms.....is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on “Advances in Practical RF Antenna Design” sponsored by **Electronics & ICT Academy** during 25<sup>th</sup> - 30<sup>th</sup> November, 2019 at Sree Vidyanikethan Engineering College, Tirupati, Andhra Pradesh.

Place :

Date :

Signature of Principal/Head of Institution

### Address for correspondence

Post your application form along with DD/NEFT Receipt to

**Dr. V. R. Anitha**  
Professor of ECE  
Sree Vidyanikethan Engineering College,  
Tirupati, AP– 517 102.  
**Email: [anithavr@ieee.org](mailto:anithavr@ieee.org)**  
**Mobile: +91 9949400700**

### Coordinators:

**Dr. D. Vakula**  
Dept. of ECE  
NIT Warangal  
Telangana

**Dr. V. R. Anitha**  
Dept. of ECE  
SVEC, Tirupati,  
Andhra Pradesh

For more details about Electronics and ICT academy please visit: <http://www.mitw.ac.in/eict/>