



**FACULTY DEVELOPMENT PROGRAMME (FDP) ON  
PRACTICAL RF ANTENNA DESIGN**  
(04<sup>th</sup> June 2018 to 10<sup>th</sup> June 2018)



Organized by

**Chalapathi Institute of Engineering and Technology, Lam, Guntur**  
**Department of Electronics & Communications Engineering**

in association with

**National Institute of Technology, Warangal**

**Under the Scheme of Electronics & ICT Academy**

**(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, Gol. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry and Andaman & Nicobar Islands. The role of the academy is to offer faculty development programmes in standardized courses and 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.

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:**

- Antenna Fundamentals
- Antenna Parameters and Measurements
- HF,VHF& Multiband Antennas Design
- Dual and Circularly Polarized Antenna Design
- Antenna Array Design, Radome Design
- Antenna Miniaturization Techniques
- Computational Electromagnetics (CEM)
- Antennas for Defense & Missile applications
- Modeling & Simulations studies of Antennae

**Faculty conducting this programme:**

The programme will be conducted by the faculty members from NIT Warangal; Academicians in the concerned field from IITs/NITs/IITs are invited to deliver lectures in the programme. Speakers from industries are also expected to deliver as part of the course.

**Eligibility:**

The programme is open to the faculty of Engineering Colleges, and other allied disciplines in Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry, Andaman and Nicobar Islands. Industry personnel working in the concerned /allied discipline can also attend.

**Registration Fee Particulars:**

<b>Faculty and Research Scholars from Telangana, Andhra Pradesh, Karnataka, Puducherry, Andaman and Nicobar Islands, Goa</b>	<b>Rs. 2500/-</b>
<b>Faculty of SC/ST Category from Telangana, Andhra Pradesh, Karnataka, Puducherry, Andaman and Nicobar Islands, Goa</b>	<b>Rs. 1250/- (SC/ST participants should submit the copy of their caste certificate to claim the concession along with application form)</b>
<b>Industry Participants</b>	<b>Rs. 7500/-</b>
<b>Participants from other states</b>	<b>Rs. 8500/-</b>

SC/ST concession is only for faculty of mentioned states. Research Scholars are not eligible for SC/ST concession.

The fee is to be paid either in the form of DD or online transfer using the following details:

<b>DD Details</b>	<b>Online Transfer Details</b>
<b>Demand Draft in favor of "Director, NIT Warangal" payable at any bank in Warangal</b>	<b>Account Name: Electronics &amp; ICT Academy NITW Account No: 62423775910 IFSC: SBIN0020149</b>

**Organized at:**

The programme will be coordinated and conducted at Department of Electronics and Communication Engineering, **Chalapathi Institute of Engineering and Technology, Lam, Guntur**. The whole course is handled by academicians from premier institutions, Industry experts and Research advisors.

**Accommodation:**

Accommodation will be provided to the selected outside participants on prior request. No TA/DA will be paid for the participants.

**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 reach the coordinator by speed-post. It is also mandatory to send scanned application form and demand draft through e-mail to [cietcehod@gmail.com](mailto:cietcehod@gmail.com) as selection will be intimated only through mail.

**Selection Criteria:**

Selection will be done based on first-come-first-serve basis to a maximum number of 50 (fifty). Additionally 10 participants from industry are allowed to participate. The list of selected participants will be intimated through e-mail. In case a candidate is not selected, the DD will be sent back. Candidates will be issued certificates on successful completion of the course. The grade obtained in the test will be posted on the certificate. Reservations are followed for selecting candidates as per GOI norms.

**Important dates:**

Last date (Application &DD)	<b>26<sup>th</sup> May 2018</b>
Selection List by E- mail	<b>01<sup>st</sup> June 2018</b>
Duration	<b>04<sup>th</sup> June 2018 to 10<sup>th</sup> June 2018</b>

**About NIT Warangal:**

**National Institute of Technology, 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 Institute imparting technical education of a very high standard leading to the B.Tech degrees in various branches of engineering, M.Tech. and Ph.D programs in various specializations. All eligible B.Tech and M. Tech programmes of NIT Warangal are NBA accredited.

**About Chalapathi Institute of Engineering and Technology:**

Chalapathi Institute of Engineering And Technology is situated in Lush Green and Scenic surroundings about 15Kms from people's capital of Andhra Pradesh, "Amaravathi". Our institute is accredited by NAAC with "A" Grade and is also an ISO 9001:2008 certified Institution. The College is affiliated to Acharya Nagarjuna University and recognised by AICTE, New Delhi.



**APPLICATION FORM**  
**FACULTY DEVELOPMENT PROGRAMME (FDP) ON**  
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1. Name :
2. Designation :
3. Institution :
4. Email :

**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.

Signature of the Applicant

5. DD. No:            Bank:            Date:

**SPONSORSHIP CERTIFICATE**

Amount:

Dr. /Mr. /Ms. ....  
.....is an employee of  
our Institute/Organization .....

6. Address for Correspondence:

.....  
and is hereby sponsored to participate in the  
FDP on "**Practical RF Antenna Design**",  
sponsored by Electronics & ICT Academy  
during **04-06-2018 to 10-06-2018**.

7. Educational Qualification:

8. Subjects taught so far:

Signature of Head of Institution  
(with seal)

9. No. of refresher courses/workshops  
attended:

**Address for correspondence**

*Post your application form with DD to*

**Dr. M.SATYA SAI RAM**

Professor & HoD, Department of ECE,  
Chalapathi Institute of Engineering and  
Technology, Lam, Guntur, AP-522034  
Mobile :09959126607 ,09885963630  
FDP Email:cietecehod @gmail.com

10. Experience (in years):  
Teaching:            Research:            Industry:

11. Accommodation required: YES /NO

*E-mail the scanned copies of filled-in and duly  
signed application form along with DD to*  
**cietecehod@gmail.com**

12. Do you belong to SC/ST : YES /NO  
(If yes, please specify and attach a copy of  
caste certificate to claim the concession)

*For more details about Electronics & ICT  
Academy, NIT, Warangal, please visit:*  
<https://nitw.ac.in/eict>

*For more enquiries please contact: Mobile: +91-  
8985473438*

**Coordinators**

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