



## FACULTY DEVELOPMENT PROGRAMME (FDP)

ON

### ADVANCED DIGITAL SIGNAL PROCESSING & ITS APPLICATIONS

(20<sup>th</sup> to 26<sup>th</sup> Nov, 2017)

Organized by

**KSRM College of Engineering (Autonomous), Kadapa**

In Association with

**National Institute of Technology, Warangal**

**Under the scheme of E & ICT Academy**

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



#### Preamble:

“Electronics & ICT Academy” was setup 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, Puducherry 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 **Advanced Digital Signal Processing and its Applications** is being conducted at **KSRM College of Engineering (Autonomous), Kadapa** to the Faculty members of engineering colleges, industries and research laboratories.

#### Major Course Contents:

- **Signal Processing for Communications and Applications**
- **Transform Techniques**
- **Multirate Signal Processing**
- **Image Processing**
- **Speech Signal Processing**
- **Radar Signal Processing**
- **Social Signal Processing**
- **VLSI Signal Processing**
- **Biomedical Signal Processing**

Hands on session on the above topics will be provided.

#### Resource Persons:

The programme will be conducted by the faculty members from NIT Warangal, Academicians in the concerned field from IITs/NITs/IIITs 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 teachers of engineering colleges in Telangana, Andhra Pradesh, Goa, Karnataka states and Andaman and Nicobar Islands, Puducherry UTs. Industry personnel working in the concerned/allied discipline can also attend.

#### Registration Fee Particulars:

- **Faculty members / Research Scholars from the above mentioned states** : Rs. 2,500/-
- **SC/ST Faculty members from the above mentioned states** : Rs. 1,250/-
- **Industry participants** : Rs. 7,500/-
- **Participants from other states/UTs (Other than above mentioned states)** : Rs. 8,500/-

The participants need to send a crossed demand draft (DD) drawn in favor of “**Director, NIT Warangal**” and payable at SBI, NIT Warangal branch or remit the necessary course fee to the Bank as per the details given below.

Account Name	<b>Electronics &amp; ICT Academy NITW</b>
Account Number	<b>62423775910</b>
Name	<b>State Bank of India</b>
Branch	<b>REC Warangal (NIT Campus)</b>
IFSC	<b>SBIN0020149</b>

#### Accommodation:

Selected outstation participants will be provided accommodation in college hostel on prior request. Working Lunch, Tea & Snacks would be provided during the training in the campus. No TA/DA will be paid to the participants.

#### How to Apply:

A filled in form of application in the prescribed format duly signed and sponsored by appropriate authorities (along with DD/NEFT Receipt) should reach the coordinator by speed post. It is also mandatory to send scanned application form and DD/NEFT receipt through e-mail 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 notified in the institute website <http://nitw.ac.in/eict/> and also will be sent to their personal e-mail ids. In case a candidate is not selected, the demand draft will be sentback. 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. Reservations are followed for selecting candidates as per GOI norms.

#### Important Dates:

Last date for submission of application : **15<sup>th</sup> Nov 2017**

Selection-list intimation/display before : **17<sup>th</sup> Nov 2017**

Duration of Program : **20<sup>th</sup> to 26<sup>th</sup> Nov 2017**

**Venue: SJ Block, Dept. of ECE, KSRMCE**

#### About the Institutes:

**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. and Ph.D programs in various specializations.

**Kandula Srinivasa Reddy Memorial (KSRM) College of Engineering (Autonomous)** was established in the year 1980 and is approved by AICTE and accredited by NAAC, and affiliated to JNTUA, Anantapuramu. The mission of the institute is to produce competent, efficient and highly motivated engineers who can face the challenges of the 21<sup>st</sup> century. We achieve this by quality education with Industrial exposure and Professional training to meet the needs of today’s industry. The Institute offers B.Tech Courses in Civil Engg., Computer Science & Engg., Electrical & Electronics Engg., Electronics & Communication Engg., Mechanical Engg. The Institute also offers five M.Tech courses namely CAD/CAM, Geotechnical Engg., Digital Electronics and Communication Systems, Electrical Power Systems, Computer Science & Engg..

#### Coordinators :

**Dr. T. Kishore Kumar**

Department of ECE,  
National Institute of Technology, Warangal.

**Mr. Md. Mahaboob Pasha**

Department of ECE  
KSRM College of Engineering, Kadapa.



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### APPLICATION FORM

- Name of the Applicant:
- Designation :
- Institution :
- E-mail ID :
- Mobile No.:
- Category :  
 Faculty/Scholars from mentioned states (Rs. 2,500/-)  
 SC//ST Faculty from mentioned states (Rs. 1,250/-)  
 Industry Participants (Rs. 7,500/-)  
 Participants from other states (Rs. 8,500/-)
- Payment Mode :  
 Demand Draft No: \_\_\_\_\_  
 NEFT/ UTR No. : \_\_\_\_\_  
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 belong to reservations SC/ST ( YES / NO ):If YES, please specify \*\*Attach photo copy
- Do you require accommodation during Training : YES /NO

#### 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 here by sponsored to participate in the FDP on "Advanced DSP and its Applications" sponsored by **Electronics & ICT Academy** during 20<sup>th</sup> to 26<sup>th</sup> Nov, 2017 at KSRM College of Engineering, Kadapa.

Place :

Date :

Signature of Principal/Head of Institution

**Address for correspondence:**

**Post your application form along with DD/NEFT Receipt to**

Dr. T. Kishore Kumar, Coordinator,  
Department of ECE, NIT Warangal, Warangal,  
Telangana State - 506 004.  
Ph No: 8332969353(M) 0870 -2462440 (O)  
Email: kishorefr@gmail.com

Or

Mr. Md Mahaboob pasha, Coordinator,  
Department of ECE, KSRM College of Engg., Kadapa  
Andhra Pradesh- 516003. Ph No: 9866802432 (M)  
Email: pasha.ece@ksrmce.ac.in

E-mail the scanned copies of filled in and duly signed application form along with DD/NEFT receipt to pasha.ece@ksrmce.ac.in

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