



## FACULTY DEVELOPMENT PROGRAMME (FDP)

ON

Recent Trends in IC Design and its Applications  
(16<sup>th</sup> – 21<sup>st</sup> April, 2018)

Organized at



Sasi Institute of Technology & Engineering, Tadepalligudem, West Godavari Dist., AP.  
Sponsored by Electronics & ICT Academy, National Institute of Technology, Warangal  
(An initiative of Ministry of Electronics and Information Technology (MeitY), GOI)

### Preamble:

“Electronics & ICT Academy” is being set up at NIT Warangal with financial assistance from MeitY, (GOI). The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa states and Puducherry, and Andaman & Nicobar Islands UTs. This academy role 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.

Sasi Institute of Technology & Engineering agreed to host this Faculty Development Programme (FDP) on Recent Trends in IC Design and its Applications in its campus by bringing and caring the participants to this programme and also giving away its infrastructure to organize FDP with active involvement of its faculty of ECE department.

### Broad Topics to be covered in FDP:

- MOSFET Characterization small signal model
- SSA and CMOS inverter and Efficient CMOS techniques
- Circuit design at Sub-nA current levels
- Basic building Blocks
- Single Transistor Amplifier
- Gain Boosting Techniques
- VHDL Programming
- VLSI Architectures
- Case Study on Semiconductors
- FINFET fundamentals

### Resource Persons:

E&ICT Academy takes the responsibility of organizing lectures by academicians from reputed institutes in India.

### Eligibility:

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

### Registration Fee for participants:

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

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

The entire registration fee is to be collected in the form of DDs/online transfer using the following details:

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

### Accommodation:

Accommodation, Dinner will be provided to outstation participants by Sasi Institute of Technology & Engineering on prior request. Working Lunch, Tea & Snacks will be provided during FDP by host institute to all 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 at the host institute by speed post. It is also mandatory to send a scanned application form and DD/NEFT receipt through e-mail to krishna@sasi.ac.in 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 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: **07-04-2018**

Selection-list intimation/display before: **09-04-2018**

Duration of Program : **16<sup>th</sup> – 21<sup>st</sup> April, 2018**

### 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. and Ph.D programs in various specializations. All B. Tech and M. Tech programmes of NIT Warangal are NBA accredited.

### About Sasi Institute of Technology & Engineering:

Sasi Institute of Technology & Engineering (SITE) has started in 2002 under Sasi Educational Society, Velivenu to provide best education in engineering and technology through following the systems that Sasi Educational Society has developed over two decades. Within in an area of 28 acres, it offers world class facilities for hundreds of students. It offers 7 UG and 6 PG programs along with Diploma Courses.

### Coordinators:

1. Dr. P. Srihari Rao, Dept. ECE, NIT Warangal  
Email: patri@nitw.ac.in  
Ph. No: 9441342324
2. Dr. Nunna Krishna Chaitanya, Dept. of ECE, Sasi Institute of Technology & Engineering, Tadepalligudem  
Email: krishna@sasi.ac.in, Ph. No: 9553100007 / 08818275500



**Ministry of Electronics and Information Technology (MeitY), GOI sponsored**  
**FACULTY DEVELOPMENT PROGRAMME (FDP) C--**  
 Recent Trends in IC Design and its Applications  
 (16<sup>th</sup> – 21<sup>st</sup> April, 2018)



INSTITUTE OF  
TECHNOLOGY &  
ENGINEERING  
TADEPALLIGUDEM  
West Godavari District

**To be organized at**  
 Sasi Institute of Technology & Engineering, Tadepalligudem, West Godavari Dist., AP.  
 by Electronics & ICT Academy, National Institute of Technology, Warangal

**APPLICATION FORM**

1. Name of the Applicant:
2. Designation:
3. E-mail ID:
4. Category:
  - Faculty/Research Scholars from jurisdiction of E&ICT Academy, NIT Warangal (Rs. 2500/-)
  - SC/ST Faculty members (Rs. 1,250/-)
  - Industry Participants (Rs. 7500/-)
  - Participants from other states (Rs.8500/-)
5. Institution:
6. Mobile:
7. Payment Mode:
  - Demand Draft No: \_\_\_\_\_
  - NEFT / UTR No.: \_\_\_\_\_
  - Bank: \_\_\_\_\_
  - Date: \_\_\_\_\_
8. Educational Qualification with Specialization:
9. No. of refresher courses / workshops attended:
10. Experience (in Years): Teaching: Research: Industry:
 

Do you belong to reservations SC/ST (YES/NO):  
 (If yes, please specify and attach a copy of caste certificate to claim the concession)
11. 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 “Recent Trends in IC Design and its Applications” sponsored by Electronics & ICT Academy during 16<sup>th</sup> to 21<sup>st</sup> April 2018 at Sasi Institute of Technology & Engineering, Tadepalligudem, West Godavari Dist., AP.**

**Place:**  
**Date:**

**Signature of Principal/ Head of Institution**

**Address for correspondence:**

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

Dr. Nunna Krishna Chaitanya, Associate Professor, Dept. of ECE, Sasi Institute of Technology & Engineering, Near Aero Drome, Tadepalligudem, West Godavari Dist., Andhra Pradesh, Pincode-534101, Mob No: 9553100007, Email: krishna@sasi.ac.in

**NOTE**

Mail the scanned copies of filled-in and duly signed application form with DD/NEFT receipt to krishna@sasi.ac.in

**For more details about Electronics and ICT academy please visit: <http://nitw.ac.in/eict/>. For more details about Sasi Institute of Technology & Engineering, Tadepalligudem please visit: <http://sasi.ac.in/>**