



## FACULTY DEVELOPMENT PROGRAMME (FDP)

On

**Data Analytics and IoT**  
(1<sup>st</sup> to 6<sup>th</sup> November 2016)

Organized by

**Department of Computer Science and Engineering, Sasi Institute of Technology and Engineering,  
Tadepalligudem**

in association with

**National Institute of Technology, Warangal.**

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

**(Sponsored by Department of Electronics and Information Technology (DeitY), GOI)**



### Preamble:

“Electronics & ICT Academy” is being set up at NIT Warangal with financial assistance from DeitY, MCIT, and GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa States and Puducherry, Andaman & Nicobar Islands and Lakshadweep UTs. The role of the academy is to offer faculty development programmes in standardized courses and emerging areas of Computer Science, 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.

### Objective of programme:

The aim of this programme is to introduce the participants to the amazing world of IoT and its fascinating applications. IoT is the idea of making devices and objects smarter by linking them to the internet. This Technology frontier (IoT) with immense engineering applications is the need for today's industry and academia. This FDP serves as a platform to train and educate the research scholars, faculty, and people from industry to interact on cutting-edge technologies in this emerging area.

### Major Course Contents:

- Introduction to IoT, Current products, Open source electronics for IoT, IoT languages and its tools.
- Communication protocols, inter connections, system design and development, latest sensors Technology.
- IoT cloud, Image processing applications in IoT.
- Data management and big data analytics in IoT.
- Analytics using Python.
- Research issues and case studies in IoT.

Hands-on training sessions will be provided with demos on real-time applications.

**Organized at:** The programme will be coordinated and conducted by Department of Computer Science and Engineering, Sasi Institute of Technology and Engineering, Tadepalligudem

The whole course is handled by academicians from premier institutions, Industry experts and Research advisors.

**Eligibility:** The programme is open to the faculty of CSE &ECE in Engineering colleges, colleges and other allied disciplines in Telangana, Andhra Pradesh, Karnataka, Goa states and Andaman and Nicobar Islands, Puducherry UTs. Research Scholars and other working professionals are also eligible.

### Registration Fee Particulars:

**Faculty members and Research Scholars: Rs. 2000/-**

**Industry participants: Rs. 6000/-**

**Participants from other states: Rs.8500/-**

The participants need to send a crossed demand draft (DD) drawn in favor of “Director, NIT Warangal” and payable at SBH, NIT Warangal branch.

**Accommodation:** No TA/DA will be paid to the participants. Accommodation will be provided on prior request and pre intimation. Working Lunch, Tea & Snacks will be provided during the training in the campus.

**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 on or before the last date by post/courier. Participants are requested to write their name and contact number backside of demand draft. It is also mandatory to send scanned application form and demand draft through E-mail to [hodcse@sasi.ac.in](mailto:hodcse@sasi.ac.in)

### 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 if a candidate is not selected, the DD will be sent back. Candidates will be issued certificates on successful completion of the course.

### Important Dates:

**Last date (application &DD): 25/10/2016**

**Intimation of Selected members: 27/10/2016**

**Duration: 1<sup>st</sup> to 6<sup>th</sup> November 2016**

### About NIT, Warangal:

National Institute of Technology (formerly Regional Engineering College), Warangal is an Institute of National Importance and fully funded by MHRD, Govt. of India. It offers various programmes in B.Tech, PG, MTech and Ph.D.

### About SITE:

SASI has created its own brand image for the values it follows. Sasi Educational Society with its strong roots in West and East Godavari districts is imparting quality education for over 36 years. Sasi Institute of Technology & Engineering is under the Sasi Educational Society is started in the year 2002. SITE is having a permanent affiliation to JNTU, Kakinada and the institution is accredited by NBA, NAAC and AICTE. The campus is located in the Business hub of West Godavari district, Tadepalligudem town which is well connected to both road & rail transport. This institute offers seven under graduate programme and post-graduation in CSE, ECE, EEE, ME and MBA.

**APPLICATION FORM**  
**SASI INSTITUTE OF TECHNOLOGY AND ENGINEERING**  
in association with  
Electronics & ICT Academy - NITW  
**FACULTY DEVELOPMENT PROGRAMME (FDP) on**  
**Data Analytics and IoT**  
**(1<sup>st</sup> to 6<sup>th</sup> November 2016)**

1. Name:

2. Designation:

3. Institution:

4. Email:

5. Ph. No:

6. DD No:

Bank:

Date:

7. Address for Correspondence

8. Educational Qualifications with specialization:

9. Subjects taught so far:

10. No. of refresher courses/workshops attended:

11. Experience (in years):

12. Teaching:

Research:

Industry:

12. Accommodation required: 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.

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 “**Data Analytics and IoT**” sponsored by Electronics & ICT Academy during **1<sup>st</sup> to 6<sup>th</sup> November 2016** at Sasi Institute of Technology and Engineering, Tadepallegudem – 534101.

Signature of Head of Institution  
(with seal)

**Address for correspondence**

*Post your application form along with DD to*

Dr. M.V.Rama Sundari  
Professor & HOD,  
Sasi Institute of Technology and Engineering,  
Tadepallegudem - 534101  
Mail id: hodcse@sasi.ac.in

Mail the scanned copies of filled-in and duly signed  
Application form along with DD to  
hodcse@sasi.ac.in

For more Information visit: <http://www.nitw.ac.in/eict/>  
For any enquiry contact Coordinators:

Dr. M. V. Rama Sundari  
Mobile: 8096900005

**Coordinators:**

**Prof. D. V. L. N. Somayajulu,**  
**Chair,**  
**E&ICT Academy,**  
**NIT Warangal-5060004**

**Dr. M. V .Rama Sundari**  
**Professor & HOD,**  
**Sasi Institute of Technology and Engineering,**  
**Tadepallegudem - 534101**