



FACULTY DEVELOPMENT PROGRAMME ON

IOT and Big Data Analytics
(20th November 2017 to 25th November 2017)
Organized at



SREE VIDYANIKETHAN ENGINEERING COLLEGE (Autonomous), Tirupati.

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 established at NIT Warangal in August, 2015, with financial assistance from Ministry of Electronics and Information Technology (MeitY), Govt. of India (GOI). The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa states and, Puducherry, and Andaman & Nicobar Islands UTs. The role of the academy is to offer faculty development programmes in emerging areas of Computer Sciences, 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.

As part of this initiative, a Faculty Development Programme (FDP) on **IOT and Big Data Analytics** will be organized at **Sree Vidyanikethan Engineering College (Autonomous), Tirupati** to the faculty members of Engineering, MCA, and other Allied programmes.

Major Course Contents:

- MapReduce Programming.
- Hadoop and Spark.
- NoSQL Databases.
- Graph and Social Media Analytics.
- Introduction to Sensors and IoT.
- Protocol stack in WSN.
- MAC Protocols.
- Routing Protocols in IoT.
- Service Discovery in IoT.
- IEEE 802.11 based IoT Platforms.
- Python Programming (MQTT, Socket-IoT Protocols).
- Node-Red and Deployment on IBM.

Resource Persons:

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

Eligibility:

The programme is open to the faculty of engineering colleges, MCA 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 and Research Scholars from the above mentioned states:** Rs 2500/- (inclusive of boarding & lodging).
- **Faculty of SC/ST Category from the above mentioned states:** Rs 1250/- (Submit the Caste Certificate along with Application).
- **Industry participants:** Rs 7500/- (inclusive of boarding & lodging).
- **Participants from other states/UTs (other than above mentioned):** Rs 8500/- (inclusive of boarding & lodging).

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 transfer online to the account "Electronics & ICT Academy, NITW", Account No: 62423775910 with IFSC Code: SBIN0020149 and mail the transaction details.

Accommodation:

Selected participants will be provided free Boarding & Lodging in College hostel nearby. Working Lunch, Tea & Snacks will be provided during the training in the campus. No TA/DA will be paid to the participants.

How to apply:

A completely filled application form, duly signed by appropriate authorities (along with Demand Draft) should reach the Local Coordinator at Sree Vidyanikethan Engineering College by Speed-Post. **It is also mandatory to send scanned Application form and the Demand Draft through e-mail to iofddpsvec@gmail.com.**

Selection Criteria:

Selection will be done based on **first-cum-first-serve basis** to a maximum number of **50 (fifty)**. Additionally 10 participants from industry are allowed. **The list of selected participants will be notified through E-mail.** In case if a candidate is not selected, the demand draft will be sent back. Candidates will be issued certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

Important dates:

Last date to receive Application & DD: **15th November, 2017.**

Selection-list intimation/display before: **17th November, 2017.**

Duration of Program: **20th– 25th November, 2017.**

About the Institutes:

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 Institution imparting technical education of a very high standard leading to the B.Tech degrees in various branches of engineering and M.Tech. and Ph.D. programs in various specializations.

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, Anantapur, 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-CPE scheme. The college is accredited with "A" grade by NAAC.

The college offers B.Tech Program in 8 disciplines, M. Tech Program in 8 specializations and MCA, and, Ph.D programs in 3 disciplines. MoUs with 20 Industries / Institutions including IIT – Hyd, IITM – QEEE, CII – Hyd & ISB – Hyd.



APPLICATION FORM
Faculty Development Programme
on
IOT and Big Data Analytics
(20th November 2017 to 25th November 2017)



Organized by
SREE VIDYANIKETHAN ENGINEERING COLLEGE (AUTONOMOUS),
Sree Sainath Nagar, Tirupati – 517 102
in association with
Electronics & ICT Academy
National Institute of Technology, Warangal
(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)

1. Name :
2. Designation :
3. Institution :
4. E-mail: _____ Mobile: _____
5. D.D No: _____ Bank: _____ Date: _____
6. Address for Correspondence
7. Educational Qualifications with specialization:
8. Subjects taught so far:
9. No. of refresher courses/workshops attended:
10. Experience (in years) : _____
Teaching: _____ Research: _____ Industry: _____
11. Do you belong to reservations SC/ST (YES/NO):
If YES, please attach photo copy
12. 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 hereby sponsored to participate in the FDP on IOT and Big Data Analytics organized by **Electronics & ICT Academy, NIT, Warangal** during 20th November, 2017 to 25th November, 2017 at Sree Vidyanikethan Engineering College (Autonomous), Sree Sainath Nagar, Tirupati – 517 102.

Place:

Date:

Signature of Principal / Head of Institution
(with seal)

Address for correspondence

Speed-Post your application form along with DD to *Local Coordinator* at Sree Vidyanikethan Engineering College (Autonomous), Sree Sainath Nagar, Tirupati – 517 102 , i.e. send to

Dr. M. Sunil Kumar,
Professor & Head.
Department of Computer Science and Engineering,
Sree Vidyanikethan Engineering College, Tirupati – 517 102.

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

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

For any enquiry please contact:

Mobile No: 98484 99594 / 91609 99963 / 98851 49911

Coordinators

Dr. R. B. V. Subramanyam
Department of CSE,
NIT Warangal.

Dr. M. Sunil Kumar
Professor & Head, Dept. of CSE
SVEC, Tirupati.

Co-Coordiators

Mr. S. Sreenivasa Chakravarthi
Assistant Professor of CSE,
SVEC, Tiruapti.

Mr. D. Ganesh
Assistant Professor of CSE,
SVEC, Tiruapti.

Organized by
Electronics and ICT Academy, NIT Warangal
at
Department of Computer Science and Engineering,
SREE VIDYANIKETHAN ENGINEERING COLLEGE (Autonomous),
Tirupati – 517 102.

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