



**FACULTY DEVELOPMENT PROGRAMME (FDP) ON
Embedded Systems and IOT Applications in Allied Fields
(from 25-10-2017 to 30-10-2017)**



**Organised by
Department of EEE & ECE
Vasireddy Venkatadri Institute of Technology, Nambur
Under the scheme of Electronics & ICT Academy**

Preamble:

“Electronics & ICT Academy” was set up at NIT Warangal with financial assistance from MeitY, Govt. of India (GoI). The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa and Puducherry states and UT of Andaman & Nicobar Islands. 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.

This faculty development programme (FDP) is devoted to addressing the need to enhance the knowledge about the latest Outcome Based Education (OBE) and is open for Faculty members of engineering colleges from states mentioned above.

Major Course Contents:

- ✓ Introduction to Embedded Systems
- ✓ Embedded Systems Design Aspects
- ✓ Embedded Processors Architecture
- ✓ HW/SW Co Design
- ✓ IOT Planning for Execution
- ✓ Developing IoT Applications
- ✓ Smart Home Automation
- ✓ Real time Systems & RTOS
- ✓ Trends & Challenges in Embedded SW Development
- ✚ Electromagnetics for Defense applications
- ✚ Wireless Communication Systems
- ✚ Lab View Programming - I & II
- ✚ Op Amp Design and Compensation
- ✚ VLSI DSP Architectures

Faculty conducting this programme:

The programme will be conducted by resource persons from Premier Institutes/industries (NITs, IITs, and NBA experts).

Eligibility: The programme is open to the **teachers of engineering colleges**, in Telangana, Andhra Pradesh, Karnataka, Goa and Puducherry states and UT of Andaman & Nicobar Islands. Industry personnel working in the concerned/allied discipline can also attend.

Registration Fee Particulars:

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/-

Payment: The registration fee should be paid 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 NIT Warangal	Account Name: Electronics & ICT Academy NITW Account No: 62423775910 and IFSC: SBIN0020149

Travel and Accommodation:

All the selected participants will have to make their own arrangements for their accommodation. No TA 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 iljbakhtsingh@gmail.com 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 web site www.nitw.ac.in and also 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 : **19-10-2017**
- Selection-list intimation/display before : **22-10-2017**
- Duration of Program : **25-10-2017 to 30-10-2017**

About the Institutes:

Vasireddy Venkatadri Institute of Technology (VVIT) was established in the year 2007, under Social Educational Trust in Nambur village, Pedakakani mandal of Guntur district by Sri Vasireddy Vidyasagar. VVIT has self contained infrastructure located amidst the lush greenery of paddy and maize fields of Nambur located strategically between Guntur and Vijayawada, away from the hustle and bustle of the city life.

VVIT is NAAC Accredited college with A grade & is permanently affiliated to JNTU Kakinada. VVIT which offers 6 undergraduate programmes & 7 Post graduate programmes with a total intake of 1020 students every year, ranks among the top three of the 200 Engineering Colleges affiliated to JNTU Kakinada.

The teaching staff, totaling 250 at present, comprises well qualified professionals with varied experience & back-ground. The faculty members take interest in continuing education and are actively engaged in research work & publish their findings regularly in standard national & international journals. Some of the faculty members received awards for their publications.

In-house placement training team, absolute discipline, air-conditioned classrooms, multimodal teaching methodology, a 100 KVA rooftop solar power plant to supply green power make VVIT a uniquely different professional college.

The departmental buildings are located in close proximity of each other with wide open spaces all around. The college is Wi-Fi enabled and gets the internet with a dedicated bandwidth of 60 Mbps.

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 B.Tech. In eight branches, PG and M.Tech. Programmes and also Ph.D. programmes. Further, the institute organizes FDPs, Workshops and Conferences on cutting-edge technologies regularly throughout the year. All B.Tech and M.Tech programmes of NIT Warangal are NBA accredited.

ELECTRONICS AND ICT ACADEMY, NIT WARANGAL
and
VASIREDDY VENKATADRI INSTITUTE OF TECHNOLOGY,
Guntur, Andhra Pradesh – 522 508
Faculty Development Programme on
Embedded Systems and IOT Applications in Allied Fields
(from 25-10-2017 to 30-10-2017)

APPLICATION FORM

1. Name:
2. Designation :
3. Institution:
4. E-mail:
5. Mobile No.:
6. Mode of Payment : DD Online Transfer
7. If DD, DD No.:
Bank: _____ Date : _____
8. If Online Transfer
NEFT /UTR No.: _____
Bank: _____ Date _____
9. Address for Correspondence:

10. Educational Qualifications with specialization:
11. Subjects taught so far:
12. No. of refresher courses/workshops attended:
13. Experience (in years):
Teaching:
Research:
Industry:
14. Do you belong to SC/ST: YES / NO
If Yes

SC	
ST	

 (Please submit the copy of caste certificate to claim the concession)

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: _____ Signature of the applicant
 Date: _____

Sponsorship Certificate

Dr./Mr./Ms.....
 is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP at Vasireddy Venkatadri Institute of Technology, Guntur.

Place: _____
 Date: _____ Signature of Head of Institution
 (with seal)

Conveners

Dr.T.Kishore Kumar,
 HOD/ECE, NIT Warangal
 Mobile: 8332969353
 Email: kishorefr@gmail.com

Mr.I Luke John Baktha Singh,
 Assistant Professor, Department of EEE

Completed registration forms can reach
Mr.I Luke John Baktha Singh,
 Assistant Professor, Department of EEE
 Convenor ES & IOTAA-2K17,
 Vasireddy Venkatadri Institute of Technology,
 Nambur, Guntur, 522 508, Andhra Pradesh.
 Email: iljbakhtsingh@gmail.com

For more information visit: <http://nitw.ac.in/eict/>

For any enquiry contact:

Mobile : 9490697986 / 9700444686

THE FAMILY OF
 VVIT INVITES YOU
 TO FDP