



FACULTY DEVELOPMENT PROGRAMME (FDP)

ON

SIGNAL PROCESSING USING DEEP LEARNING APPLICATIONS

(10th June 2019 to 15th June 2019)

Organized by

VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN, VIJAYAWADA

in association with

E & ICT ACADEMY, NIT WARANGAL

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



Preamble:

"Electronics & ICT Academy" was set up at NIT Warangal with financial assistance from MeitY, GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry and 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.

About the Programme:

As part of an initiative, a Faculty Development Programme (FDP) on "Signal Processing Using Deep Learning Applications" is being conducted by Department of ECE at Vijaya Institute of Technology for Women, Enikepadu, and Vijayawada to the faculty members of India. The FDP covers Signal Processing using Deep Learning applications with hands on different applications using Python and R.

Course Contents:

- Introduction to Signal Processing, Neural Networks
- Deep Learning introduction and Real time applications
- Hands on sessions on Signal Processing using R and PYTHON
- CNN's and Applications
- Signal Processing techniques to increase Signal Quality using Deep Learning
- Deep Learning Models for Human Activity Recognition
- Hands on Deep Learning using Python
- Deep Learning techniques applied towards Music/Images genre classification-Examples
- Deep Learning applied to Audio/Video Processing
- Statistical Evaluation of Signals using R and Python in Signal Processing
- Hands on Deep Learning Applications using R and Python

Faculty conducting this programme:

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 faculty of Engineering Colleges, MCA Colleges and other allied disciplines in India. Industry personnel working in the concerned /allied discipline can also attend.

Registration Fee Particulars:

Faculty and Research Scholars	Rs. 2500/-
Faculty of SC/ST Category from Telangana, Andhra Pradesh, Karnataka, Puducherry, Andaman and Nicobar Islands, Goa	Rs. 1875/- (SC/ ST participants should submit the copy of their caste certificate to claim the concession along with application form)
Industry Participants	Rs. 7500/-

SC/ST concession is only for faculty of mentioned states on first-come-first-give-concession up to a maximum of 22.5% of total strength on production of caste certificate.

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 favour of "Electronics and ICT Academy, NITW" payable at any bank in Warangal	Account Name: Electronics & ICT Academy NITW Account No: 62423775910 IFSC: SBIN0020149

Venue: Department of ECE, Vijaya Institute of Technology for Women

Accommodation:

All the selected participants will be provided FREE boarding & lodging in nearby Lodges. 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 coordinatorvitwecefdp@gmail.com as selection will be intimated only through mail.

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 a candidate is not selected, the DD will be sent back. Candidates will be issued satisfactory certificates on successful completion of the course. The grade obtained in the test will be posted on the certificate. Reservations are followed for selecting candidates as per GOI norms.

Important dates:

Last date (Application & DD)	20-05-2019
Selection List by E- mail	01-06-2019
Duration	10-06-2019 to 15-06-2019

About NIT Warangal:

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 Institute 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 eligible B.Tech and M. Tech programmes of NIT Warangal are NBA accredited.

About Vijaya Institute of Technology for Women:

The college Vijaya Institute of Technology for Women was Founded by Sri Boyapati Appa Rao Garu in 2008, with the objective of providing excellent learning facility for women to pursue education in engineering, VITW is affiliated to Jawaharlal Nehru Technological University (JNTU), Kakinada, approved by All India Council for Technical Education (AICTE), Certified by ISO 9001 : 2008. VITW is the only women's Engineering college in the heart of Vijayawada city, offering engineering under graduate courses in CSE,ECE, EEE and IT, Masters in Business Administration and Diploma Engineering courses in CSE,ECE and EEE. VITW is not just one more engineering college. It's a college with a difference. It has made its presence felt more with its academic discipline, results and the achievement of its students.



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Vijaya Institute of Technology for Women, Vijayawada

In association with

E & ICT Academy, NIT Warangal.



1. Name:

2. Designation:

3. Institution:

4. Email:

5. Mobile No:

6. DD. No:

Bank:

Date:

Amount:

7. Address for Correspondence:

8. Educational Qualification:

9. Subjects taught so far:

10. No. of refresher courses/workshops attended:

11. Experience (in years):

Teaching: Research: Industry:

12. Accommodation required: YES /NO

13. Do you belong to SC/ST: YES /NO

(If yes, please specify and attach a 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.

SPONSORSHIP CERTIFICATE

Dr. /Mr. /Ms. is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on “**Signal Processing using Deep Learning Applications**”, sponsored by Electronics & ICT Academy during **10-06-2019 to 15-06-2019**

Signature of Head of Institution

(with seal)

Address for correspondence

Post your application form with DD to

Ms. K. Prasuna

Department of ECE,

Vijaya Institute of Technology for Women

Enikepadu, Vijayawada

Pin: 521108

Email id: coordinatorvitwecefdp@gmail.com

Mobile: +91 8008842308

*E-mail the scanned copies of filled -in and duly signed application form along with DD to **coordinatorvitwecefdp@gmail.com** For more details about Electronics & ICT Academy, NIT, Warangal, please visit: <https://nitw.ac.in/eict> For more enquiries please contact: Mobile: +91-9700553922,8332969425.*

Signature of the Applicant

Coordinators

Dr. J. Ravi Kumar

Assistant Professor

Dept of ECE,

NIT, Warangal

Email:ravikumar@nitw.ac.in

Contact No.:+91-8332969363

Ms.K.Prasuna

Assistant Professor

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