



FACULTY DEVELOPMENT PROGRAMME (FDP) ON DEEP LEARNING AND ITS APPLICATIONS

(25-11-2019 to 30-11-2019)

Organized by

ELECTRONICS & ICT ACADEMY, National Institute of Technology, Warangal
At

VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS), HYDERABAD

(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.

Deep learning methods are now prevalent in the area of machine learning, and are now used invariably in many research areas. The influx of research articles in this area demonstrates that these methods are remarkably successful at a diverse range of applications, namely self-driving cars, new kinds of video games, Artificial Intelligence, Automation, object detection and recognition, surveillance tracking etc.

Major Course Contents:

- Neural networks
- Restricted Boltzmann machines
- Variational Auto Encoders
- CNN
- GAN, Cyclic GAN
- Sequence Labeling Models
- Attention models
- Learning Frameworks for Deep Learning
- Applications of Deep Learning in Image Captioning,
- Anomaly Detection and NLP

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 teachers 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/-
Industry Participants	Rs. 7500/-

*The fee is to be paid either in the form of DDs or online transfer using the following details:

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

Organized at:

The programme will be coordinated and conducted by Department of Computer Science and Engineering, Vasavi College of Engineering (A), Hyderabad. The whole course is handled by academicians from premier institutions, Industry experts and Research advisors.

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 hodcse@staff.vce.ac.in and hodcse@staff.vce.ac.in 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 certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

Accommodation:

All the selected participants will have to make their own arrangements for their accommodation. No TA will be paid for the participants.

Important dates:

Last date (Application & DD)	15 th November, 2019
Selection List by E-mail	20 th November, 2019
Duration	25 th November to 30 th November 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 B. Tech and M. Tech programmes of NIT Warangal are NBA accredited.

About Vasavi College of Engineering:

Founded in 1981 by Vasavi Academy of Education, Vasavi College of Engineering represents a rich tradition of excellence in technology-based education. A premier-league institution among the affiliates of Osmania University, Vasavi College of Engineering owes its vision to Sri Pendekanti Venkata Subbaiah, a veteran statesman of Independent India. Vasavi College of Engineering has been conferred with Autonomous Status by the University Grants Commission (UGC), New Delhi and Osmania University, Hyderabad for a period of six years with effect from the Academic Year 2014-15, for all UG and PG Programmes. The College is implementing Choice Based Credit System (CBCS). Vasavi College of Engineering, in its 35 years of existence, is a reputed institution in the State of Telangana. The college in its pursuit for quality in technical education has earned 3rd ranking in the State. The college offers six UG (Civil, Mechanical, ECE, CSE, EEE and IT) with total sanctioned intake of 780 and five PG programmes [ME (ES&VLSI); ME (ADM); ME (CE&SP), ME (PSPE) and M.Tech (CSE)] with total sanctioned intake of 96. The College is most preferred by the CET qualified high ranking students.



APPLICATION FORM
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1. Name :
2. Designation :
3. Institution :
4. Email :
5. DD No: Bank: Date:

Amount:
6. Address for Correspondence:

SPONSORSHIP CERTIFICATE

Dr. /Mr. /Ms. is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on “**Deep Learning and it’s Applications**”, sponsored by Electronics & ICT Academy during 25th November to 30th November 2019 at Vasavi College of Engineering, Hyderabad

Signature of Head of the Institution
(with seal)

7. Educational Qualification:
8. Subjects taught so far:

9. No. of refresher courses/workshops attended:
10. Experience (in years):
Teaching: Research: Industry:

11. Do you belong to SC ST

Address for correspondence
Post your application form with DD to

Dr. T. Adilakshmi, Professor & HOD
Department of Computer Science and Engineering
Vasavi College of Engineering (Autonomous),
Ibrahimbag, Hyderabad-500031, Telangana , India

E-mail the scanned copies of filled-in and duly signed application form along with DD to
hodcse@staff.vce.ac.in

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.

For more details about Electronics & ICT Academy, NIT, Warangal, please visit:
<https://nitw.ac.in/eict>

For more enquiries please contact:
Mobile: +91-9849194447

Signature of the
Applicant

Coordinators

Dr. T. Adilakshmi,
Professor & HOD,
Dept. of C.S.E.,
Vasavi College of Engineering (Autonomous)
Ibrahimbag, Hyderabad-500031
Telangana , India.

Dr R B V Subaranyam,
Chief Investigator, E&ICT Academy,
National Institute of Technology
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