DEEP LEARNING AND ITS APPLICATIONS

(24th to 29th June 2019)
Organized by
PVP Siddhartha Institute of Technology, Vijayawada
in association with
E & ICT Academy, National Institute of Technology, 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 Workshop:

Deep Learning is a subfield of machine learning concerned with algorithms inspired by the structure and function of the brain called artificial neural networks.

An exceptional scientific revolution in the field of AI has been . instigated recently with the advent of deep learning and high-power graphical processing units. Exploiting such tremendous potential of AI as part of a digital transformation strategy will be a key component in creating intelligent endeavors of future. To lay better foundation for the future – to make the connected world smarter and to embrace AI for the benefit of society, advances in AI and Deep Learning, their new innovative applications, and challenges and lessons learned need to be shared and discussed.

This program aims at providing an opportunity for participants to enrich their knowledge and skill in Deep Learning.

It will provide an interactive forum for discussion on recent and on-going developments, key issues and challenges, and practices related to Deep Learning applications. 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 Deep Learning.
* Hardware and Software basics for Deep Learning.
* Deep Learning Frameworks & ready-made networks CNN, RNN, DNN, GAN, RCNN.
* Image segmentation and classification techniques.
* Approaches to deal with object detection and labeling.
* Deep Learning Applications.
* Hands on session using Tensor Flow
* Research issues and case studies in Deep Learning

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 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	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. Research Scholars are not eligible for SC/ST concession.

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 "E & ICT Academy, NIT Warangal" payable at SBI, NIT Warangal Branch	Account Name: Electronics & ICT Academy NITW Account No: 62423775910 IFSC: SBIN0020149

Accommodation:

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

How to apply:

A filled in form of application in the prescribed format duly signed A filled in form of application in the prescribed format duly signed and sponsored by appropriate authorities (along with DD Receipt) should reach the coordinator by speed post. It is also mandatory to send scanned application form & DD receipt through e-mail to papinenivsl@gmail.com. The 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. Reservations are followed for selecting candidates as per GOI norms.

Important dates:

Last date (Application & DD)	17/06/2019
Selection List by E- mail	20/06/2019
Duration	24th to 29th June 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 PVPSIT:

Prasad V. Potluri Siddhartha Institute of Technology is established in 1998 with a great vision of producing quality technocrats, the college achieved its dream through meticulous planning of the administrators and the strenuous effort of the faculty. The Institution has attained success in creating the zeal for learning in the students. It is permanently affiliated to Jawaharlal Nehru Technological University, Kakinada. As a result of its concentrated efforts to attain quality, it is conferred Autonomous status in 2012. Certified by ISO 9001:2015, the college is accredited by National Assessment and Accreditation Council and also by the National Board of Accreditation (ME, CSE, IT, EEE, ECE, CE).

APPLICATION FORM

FACULTYDEVELOPMENT PROGRAMME (FDP)
ON

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1. Name   :
2. Designation :
3. Institution   :
4. Email   :
5. Mobile No   :
6.

DD	Online Transfer
DD No:	Reference No:
Amount:	
Bank :	
Date:	

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.

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 **"Deep Learning and Its Applications"**, sponsored by Electronics & ICT Academy during 24th – 29th June, 2019 at PVPSIT, Vijayawada.

Signature of Head of Institution
(With seal)

Address for correspondence
Post your application form with DD to

Dr. PVS Lakshmi,
Professor, Dept of IT,
Prasad V. Potluri Siddhartha
Institute of Technology,
Kanuru, Vijayawada– 520007
Mail id: papinenivsl@gmail.com

Mail the scanned copies of filled-in and duly signed
Application form along with DD to
papinenivsl@gmail.com

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

Dr. PVS Lakshmi.
Mobile: 9640358424

Coordinators

Prof. R. B. V. Subramanyam
Professor and Head
Dept. of CSE
NATIONAL INSTITUTE OF TECHNOLOGY
WARANGAL – 506 004 (Telangana State)

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Department of IT,
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