Preamble:

Deep Learning (DL) can be promptly said as the new paradigm of Machine Learning (ML) which has been introduced with the motive of enabling ML to reach Artificial Intelligence. DL has gained a significant momentum in the recent times mainly due to the availability of huge amount of complex data from several sources which includes medical, social, sensor and visual sources. It is an emerging field which facilitates the computational models of several multiple processing layers to learn and to represent data with multiple levels of abstraction.

The main aim of this workshop is to present new academic research advances of ML emphasize on several insights of DL pertaining to engineering applications of all disciplines.

Major Course Contents:

- Deep Learning Architecture
- Deep Feed Forward Networks
- Convolutional Neural Networks
- Recurrent Neural Networks
- Natural Language Processing using Deep Learning
- Image Processing using Deep Learning
- Video Analytics using Deep Learning
- Deep Learning in Communication

Eligibility:

The programme is open to the faculty of Engineering colleges, Research Scholars, MCA colleges and other allied disciplines of the country. Industry personnel working in the concerned/allied discipline can also attend.

Registration Fee Particulars:

- Faculty members : Rs.1000/- Only
- Industry participants : Rs.3000/-Only
- Students & Research Scholars : Rs.500/-only

Accommodation:

All the selected participants will be provided FREE boarding & lodging in the institute guest house. 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 vvmanni@nitr.ac.in as selection will be intimated only through mail.

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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 website 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. 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 for submission of application : 20.02.2019
Selection list intimation/display before : 21.02.2019
Duration of Program : 25th February – 26th February 2019

About NIT Warangal:
National Institute of Technology (formerly Regional Engineering College), 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.

About Computer Center, NIT Warangal:
Computer Center was established in the year 1984 with the Russian Model EC-1045 (IBM-360) Main Frame computer to cater the computing need of Academic and Research activity of Students and staff of this Institute. Several Important Data Processing work related to EAMCET, ECET & MCACET State Level Examinations was successfully completed. Several Training programs were conducted to Institute staff, students and also to other organization like State Bank Employees and Teachers in and around Warangal, when no such computing facility was available in earlier periods (1990-2000). New Computer Center Building foundation stone laid on 10-02-2006 and inaugurated on 31-01-2008 by Honorable HRD Minister Smt.D.Purendeshwari. Center is equipped with five labs namely Programming Lab, CAD-1,CAD-2, Graphics Lab and English Lab.

EXPERT SPEAKERS

Prof.N.V.Ramana Rao
Director NIT Warangal

Prof. B.L. Deekshatulu
Padma Shree Awardee
Former director,NRSC,ISRO
Distinguish Professor,DRBRT Hyd.

Dr. Sunil Kumar Vuppala
Principal Scientist &
Part of Leadership Team in
Philips Research,India

About Warangal:
Warangal is known for its rich historical and cultural heritage. It is situated at a distance of 140Km. from Hyderabad. Warangal is well connected by rail and road. National Institute of Technology campus is 2 Km. away from Kazipet junction and 12Km. away from Warangal station.

Address for correspondence:
Post your application form with DD to
Dr. V. V. Mani, Associate Professor
Department of Electronics and Communication Engg.,
National Institute of Technology
WARANGAL - 506 004, Telangana State, India.
Mail the scanned copies of filled-in and duly signed application form with DD to
vvmanni@nitw.ac.in.
For any enquiry contact:
Mobile: 0 8332969365, 0870-2462447

Organizing Chairman
Prof. T. Kishore Kumar, Head Computer Center, NIT Warangal.

Organizing Secretary
Dr. V. V. Mani, Associate Professor, Dept. of ECE.

Co-Organizing Secretary
Dr. I. Earnest Paul, Assistant Professor, Dept of CSE.
For more information visit: http://nitw.ac.in/

FORMAT OF APPLICATION
TEQIP-III, NIT Warangal
National Workshop on
Deep Learning For Engineering Applications (25th – 26th February 2019)

1. Name:
2. Designation:
3. Institution:
4. Email:
5. DD No/Receipt:
    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. Accommodation required: YES/NO
12. Are you belong to SC/ST: 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 workshop 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 workshop on Deep Learning For Engineering Applications sponsored by TEQIP-III during 25th – 26th February 2019 at Computer Center, National Institute of Technology, Warangal.

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