



FACULTY DEVELOPMENT PROGRAMME (FDP)

ON

MACHINE LEARNING ALGORITHMS AND APPLICATIONS ON SOCIAL NETWORKS

(11th December 2017 to 16th December 2017) Organized by

VIGNAN INSTITUTE OF TECHNOLOGY & SCIENCE

(Accredited by NBA), Deshmukhi

in association with

National Institute of Technology, Warangal

Under the Scheme of Electronics & ICT Academy



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.

Due to the vibrant use of information technology in day to day life, organizations' data bases are getting filled with abundant data. This historical data can be utilized to develop an intelligent machine which can take critical decisions in organizational growth. However, the properties of the data such as volume, variety, velocity, veracity and value, made the learning process difficult to build an intelligent machine. Therefore, this Faculty Development Program (FDP) designed to cater to current research needs of "Machine Learning Algorithms on Big Data" to develop an Intelligent machine that can cope with BIG Data. This workshop covers both theory and practical sessions. Further, current issues related and future research directions will be discussed.

Major Course Contents:

- Regression Techniques
- Decision tree algorithms & clustering
- Neural Network learning
- Support Vector machines
- Bayesian learning
- Principal Component Analysis (PCA)
- Applying machine learning algorithms on large data sets
- Graph and Social Media Analysis
- Cluster Building & Map Reduce Programming
- Deep Learning for Processing BIG Data

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 Telangana, Andhra Pradesh, Karnataka states and Pondicherry, Andaman and Nicobar Islands, Lakshadweep UTs. 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/-

SC/ST concession is only for faculty of mentioned states. Research Scholars are not eligible for SC/ST concession.

The participants need to send a crossed demand draft (DD) drawn in favor of **"Director, NIT Warangal" and payable at NIT Warangal.**

Organized at:

The Programme will be coordinated and conducted by Department of Computer Science and Engineering, Vignan Institute of Technology & Science, Deshmukhi Vill., Pochampally Mdl., Yadadri Bhuvangiri Dist. The whole course is handled by academicians and industry experts.

Accommodation:

Selected participants will be provided free boarding & lodging in Vignan Institute of Technology & Science hostel. No TA will be paid for the participants. Working Lunch, Tea & Snacks and Dinner would be provided during the Training at VGNT, campus for out station 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 host institute coordinator by speed-post. It is also mandatory to send scanned application form and demand draft through e-mail to vitsbdfdp2017@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 certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

Important dates:

Last date to receive application and D.D.	07-12-2017
Selection List Intimation/Display before	08-12-2017
Duration of Program	11 th to 16 th Dec-2017

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 VGNT Hyderabad:

Vignan Institute of Technology & Science, Hyderabad, is the flagship Institution that was established in the year 1998 by founder Chairman, Lavu Educational Society, Sri Dr. L. Rathaiah, with the approval of AICTE and affiliated to JNTU Hyd. The College is situated in the serene, lush green atmosphere on the Deshmukhi Village, opposite to Ramoji Film City. The college offers B.Tech. Courses in Civil, EEE, Mechanical, ECE, CSE and EIE. It also offers M.Tech courses. The college is affiliated to the JNTUH, accredited by NBA. The institute has quality infrastructure and well equipped laboratories. It frequently organizes National level Conferences, Faculty Development Programmes, Workshops and Seminars on Advanced Technical topics for the benefit of faculty and students. Dr. G. Durga Sukumar is the Principal of VGNT.



APPLICATION FORM

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REGISTRATION FORM

Name : Signature of the Applicant
Designation : SPONSORSHIP CERTIFICATE
Organization : Dr. /Mr. /Ms. is
Institution : an employee of our Institute/Organization and is hereby
Email : sponsored to participate in the FDP on "Machine
D.D. No.: Bank : Date : Learning Algorithms And Applications On Social
Amount : Networks", during 11th Dec – 16th Dec 2017 at VGNT,
Hyderabad-508284.

Address for Correspondence : Signature of Head of Institution
Educational Qualification : (with seal)

Subjects taught so far:

No. of refresher courses/workshops attended:

Experience (in years):

Teaching:

Research:

Industry:

Accommodation required: YES / NO

Do you belong to SC/ST : YES / NO

(If yes, please specify and attach a copy of caste certificate to claim the concession).

Declaration by the Applicant

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.

Address for correspondence

Post your application form with DD to
Speed Post your application form along with D.D.
to Local Coordinator at
Vignan Institute of Technology & Science,
Deshmukhi (Vill.), Pochampally (Mdl.),
Yadadri Bhuvangiri Dist.

Dr. B. Prakash

Professor & Head, Department of CSE
Vignan Institute of Technology & Science
Email : vitsbdafdp2017@gmail.com
Contact : 9440568235

Coordinators :

Dr. R.B.V. Subramanyam

Professor
Department of CSE
National Institute of Technology
Warangal-506004
Telangana State, India

Dr. T. Maruthi Padmaja

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