Faculty Development Programme (FDP)
On
Machine Learning Applications in Software Engineering
(11th- 16th June 2019)
organized by
Department of Computer Science & Engineering
And
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 FDP:
As part of an initiative of E&ICT, a Faculty Development Programme (FDP) on "**Machine Learning Applications in Software Engineering**" is being conducted at **NIT Warangal** to the faculty members of Engineering, Research Scholars and other allied disciplines from India. This FDP is devoted to fundamental theory, recent developments and research outcomes addressing the related theoretical and practical aspects of Machine learning techniques used in Software Engineering. In this FDP, 12 hands on lab sessions are planned to apply machine learning techniques on different data sets for prediction and estimation in Software Engineering.

Major Course Contents:
- **Introduction to Machine Learning (ML) and Software Engineering**
- **ML applications in Prediction and Estimation**
- **ML based QoS Analysis tool for Reconfigurable Service-Systems**
- **ML applications in Data Analysis and Refinement**
- **ML applications to Generate and Synthesis of Software Testing Data**
- **Computer Programming on Software Data Sets(Python/MatLab)**

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.

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. 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 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 favor of "E & ICT Academy, NIT Warangal" payable at any bank in Warangal	**Account Name: Electronics & ICT Academy NITW Account No: 62423775910 IFSC: SBIN0020149**

Eligibility:
The programme is open to the teachers of Engineering Colleges, MCA Colleges and other allied disciplines in Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry, Andaman and Nicobar Islands. Industry personnel working in the concerned/allied discipline can also attend.

Accommodation:
All the selected participants will be provided FREE boarding & lodging in the **NIT Warangal** 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 ravic@nitw.ac.in 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. Reservations are followed for selecting candidates as per GOI norms.

Important dates:

Last date (Application &DD)	3rd June 2019
Selection List by E- mail	4th June 2019
Duration	11th – 16th 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 andPh.D programs in various specializations. All B.Tech and M.Tech programmes of NIT Warangal are NBA accredited.

The Department of Computer Science and Engineering (CSE) offers B.Tech course in CSE, M.Tech courses in CSE, Computer Science and Information Security (CSIS) and Master of Computer Applications (MCA). The Department has experienced faculty with good publications and well-established laboratories. The Department has liaison with reputed industries and R&D organizations like Microsoft, IBM, Oracle, Accenture, Infosys, TCS, EMC 2 , C-DAC, Motorola, NIC, Sun Micro Systems, SPSS and tie up with IISc in certain areas.

FACULTY DEVELOPMENT PROGRAMME (FDP)

on

Machine Learning Applications in Software Engineering
(11th June – 16th June, 2019)

Organized by

Department of Comp. Sc & Engineering, NIT Warangal

Sponsored by

E & ICT Academy, NIT Warangal
(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)

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.

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 FDP on **"Machine Learning Applications in Software Engineering"**, sponsored by Electronics & ICT Academy during 11th June – 16th June, 2019 at **NIT Warangal**.

Signature of Head of Institution

(with seal)

Address for correspondence

Post your application form with DD to

Dr. Ravichandra Sadam, Associate Professor,

Dept. of Computer Science and Engineering,

National Institute of Technology Warangal,

Telangana, India - 506004

E-mail the scanned copies of filled-in and duly signed application form along with DD to ravic@nitw.ac.in, manjubalabisi@nitw.ac.in, For more details about Electronics & ICT Academy, NIT Warangal please visit: https://nitw.ac.in/eict

For more enquiries please contact:
Mobile: 8332969414, 9502940360

Coordinators

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Dept. of Computer Science and Engineering	Dept. of Computer Science and Engineering
National Institute of Technology Warangal	National Institute of Technology Warangal