



Faculty Development Programme (FDP)
On
Machine Learning for Applications in Language, Vision and Control

11th - 16th February 2019

organized by

National Institute of Technology Andhra Pradesh

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 FDP:

As part of an initiative of E & ICT, a Faculty Development Programme (FDP) on "Machine Learning for Applications in Language, Vision and Control" is being conducted at NIT Andhra Pradesh 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 for Natural Language Processing, Computer Vision and Robotic Control related applications. The FDP also aims at imparting the know-how of the tools and techniques to be used for implementing applications that require machine learning algorithms.

Major Course Contents:

- Machine Learning Basics
- Supervised/Unsupervised/Semi-supervised Learning
- Reinforcement Learning
- Bayesian Learning and Probabilistic Graphical models
- Latent Factor Models and online learning algorithms
- ML in edge computing
- Applications of Machine Learning in NLP and Vision
- Robotics and Control Applications
- Parallel/Distributed ML algorithms for web-scale data
- Deep Learning Frameworks and applications.
- Hands-on sessions for ML using frameworks

Faculty conducting this programme:

The programme will be conducted by the faculty members from NIT Andhra Pradesh; 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/-
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 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 "Director, 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 Andhra Pradesh 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 karthick.seshadri@nitandhra.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 certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

Important dates:

Last date (Application & DD)	6th February 2019
Selection List by E- mail	7th February 2019
Duration	11th – 16th February 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 NIT Andhra Pradesh:

National Institute of Technology, Andhra Pradesh is the 31st institution among the chain of NITs started by the Government of India. NIT Andhra Pradesh is established in the state of Andhra Pradesh recently in the academic year 2015 – 2016. The institute offers B.Tech. programmes across various branches of engineering.



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1. Name :
2. Designation :
3. Institution :
4. Email :
5. Mobile No :
6. DD No:
Bank:
Date:
Amount:

SPONSORSHIP CERTIFICATE

Dr. /Mr. /Ms. is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on “**Machine Learning for Applications in Language, Vision and Control**”, sponsored by Electronics & ICT Academy during 11th February – 16th February, 2019 at **NIT Andhra Pradesh**.

Signature of Head of Institution
(with seal)

7. Address for Correspondence:

Address for correspondence
Post your application form with DD to

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

Dr. Karthick Seshadri,
Assistant Professor,
Dept. of Computer Science and Engineering,
National Institute of Technology Andhra Pradesh,
Sri Vasavi Engineering College Campus, Pedatadepalli,
Tadepalligudem, West Godavari District,
Andhra Pradesh, India - 534102

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

E-mail the scanned copies of filled-in and duly signed application form along with DD to karthick.seshadri@nitandhra.ac.in

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)

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

For more enquiries please contact:
Mobile: 9444962577

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

Coordinators

Dr. Karthick S
Assistant Professor
Dept. of Computer Science and Engineering
National Institute of Technology Andhra Pradesh

Dr. R. B. V. Subramanyam
Professor
Dept. of Computer Science and Engineering
National Institute of Technology Warangal