



FACULTY DEVELOPMENT PROGRAMME (FDP)

ON

Machine Learning with Python

(1st – 3rd June, 2018 (Part 1) & 8th – 10th June 2018 (Part 2))

Organized by

**DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY,
Anakapalle, Visakhapatnam.**

in association with

National Institute of Technology, Warangal.

Under the Scheme of Electronics & ICT Academy

(Sponsored by Department of Electronics and Information Technology (DeitY), 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.

Dadi Institute of Engineering & Technology agreed to host this Faculty Development Programme (FDP) on Machine Learning with Python in its campus by bringing and caring the participants to this programme and also giving away its infrastructure to organize FDP with active involvement of its faculty of CSE department.

Major Course Contents:

- Overview of Machine Learning
- Classification and Clustering
- Principal Component Analysis
- Support Vector Machines
- Deep Learning Models
- Neural Networks
- ANN, Image Classification
- Building CNN model using torch 7
- Mixture Models
- Semi Supervised Learning
- Topic Models
- Language Models based on Word2Vec
- Aspect orient Sentiment Analysis
- Relational Learning
- Link Prediction
- Practical Applications of Machine 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. 1250/- (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 "Director, NIT Warangal" payable at any bank in Warangal	Account Name: Electronics & ICT Academy NITW Account No: 62423775910 IFSC: SBIN0020149

Accommodation

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

Venue: Seminar Hall-1 & CSE Labs, DIET.

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 email hodcse@diet.edu.in as selection will be intimated only through mail. Program duration is 6 (six) working days.

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)	29 th May 2018
Selection List by E-mail	30 th May 2018
Duration	1 st – 3 rd June, 2018 (Part 1) & 8 th – 10 th June 2018 (Part 2)

About the Institutes:

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 DIET:

Dadi Institute of Engineering & Technology, Anakapalle, Visakhapatnam was established in the year 2006 under the trust of **Sarada educational society**. DIET is affiliated to Jawaharlal Nehru Technological University (JNTUK), Kakinada was established with the permission of The All India Council for Technical Education (AICTE), NewDelhi. The Institute is NAAC accredited. DIET offering B.Tech, M.Tech and MBA courses.



APPLICATION FORM

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1. Name :
2. Designation :
3. Institution :
4. Email :
5. Mobile Number:
- 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

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 "Machine Learning with Python" sponsored by Electronics & ICT Academy during 1st – 3rd June, 2018 (Part 1) & 8th – 10th June 2018 (Part 2) at Dadi Institute of Engineering & Technology, Visakhapatnam.

Signature of Head of Institution
(with seal)

Address for correspondence

Post your application form with DD to

Dr.L.P.Kumar

Coordinator for FDP on "Machine Learning with Python" Associate Professor & HOD, Department of CSE, DIET, NH-5, Anakapalle, VSP – 531002.

E-mail the scanned copies of filled-in and duly signed application form along with DD to hodcse@diet.edu.in

For more details about Electronics & ICT Academy, NITW, please visit:

<http://nitw.ac.in/eict>

For more enquiries please contact:

Mobile: 9963994893, 9885053204

E-mail: hodcse@diet.edu.in

Coordinators

Dr. DVLN SOMAYAJULU

**Professor, Department of CSE
National Institute of Technology
WARANGAL - 506 004.**

Dr. L.P. KUMAR

**Associate Professor & HOD,
Department of CSE
DIET, ANAKAPALLE, VSP-531002**