



FACULTY DEVELOPMENT PROGRAMME (FDP)
ON

MACHINE LEARNING & ITS APPLICATIONS

(10th -15th June-2019)

organized by

Srinivasa Ramanujan Institute of Technology, Ananthapuramu -515701, A.P.

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 states, Puducherry and Andaman & Nicobar Islands UTs. Role of the academy is to offer faculty development program in standard 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 Workshop:

The vision of this FDP is to enhance the quality of education imparted in institutions by providing faculty members with a platform to learn all about Machine Learning and its Applications. Educators will get to learn the best practices in these domains so that they can teach the future workforce the required skill sets.

Major Course Contents:

- Machine Learning Basics
- Supervised/Unsupervised/Semi-supervised Learning
- Reinforcement Learning
- Linear regression, Logistic regression
- Fuzzy Logic, Fuzzy C Means Clustering, Rough k means Clustering.
- Feature Selection / Extraction, Dimensionality Reduction
- Machine Learning in Big Data
- ANN, Deep Learning, Extreme Learning
- Python for Machine Learning
- Hands-on session using Python

Resource persons:

The programme will be conducted by the faculty members from NIT Warangal. Academicians from IITs / NITs / IIITs in concerned field are invited to deliver lectures. Speakers from industries are also expecting to deliver lectures.

Eligibility:

The programme is open to the teachers of Engineering Colleges. Industry personnel working in the concerned /allied discipline can also attend.

Important Dates:

- Last date for submission of application : **1st June, 2019.**
 Selection-list intimation/display before : **3rd June, 2019**
 Duration of the program : **10th-15th June, 2019**

Registration fee for Participants:

Faculty and Research Scholars	Rs. 2500/-
Faculty of SC/ST Category	Rs. 1875/- (should submit Caste Certificate to claim concession)
Industry Participants	Rs. 7500/-

SC/ST concession is only for faculty. 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 “E & ICT Academy, NIT Warangal” payable at any bank in Warangal.	Account Name: Electronics & ICT Academy NITW. Account No : 62423775910 IFSC : SBIN0020149

How to Apply:

A filled-in form of application in the prescribed format duly signed and sponsored by appropriate authorities (along with DD/NEFT Receipt) should reach the coordinator at the host institute by speed post. It is also mandatory to send a scanned application form and DD/NEFT receipt through e-mail to machinelearning_fdp@srit.ac.in as selection will be intimated only through e-mail.

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 sent to their personal email ids. In case of a candidate is not selected, the demand draft will be sent back. A test will be conducted at the end of the course. Candidates will be issued a satisfactory certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

Accommodation:

Free Accommodation/boarding will be provided for the all participants by the host Institute. No TA/DA will be paid to the participants.

About NIT, Warangal:

National Institute of technology (formerly Regional Engineering College), Warangal is the first among the 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, M. Tech., and Ph.D programs in various specializations. All B. Tech., and M. Tech., programs of NIT Warangal are NBA accredited.

About Srinivasa Ramanujan Institute of Technology:

The college was established in the year 2008 by Smt. Aluru Narayanamma Educational Society headed by Sri. A. Sambasiva Reddy, Correspondent & Secretary. The institute is situated amidst green lands and it is 12km away from Anantapuramu town towards Tadipatri. The institution is accredited by **NAAC with ‘A’ Grade**. The Three B.Tech programs (ECE, EEE, CSE) are accredited by **National Board of Accreditation (NBA)**, New Delhi. The institute also received UGC recognition under **Sections 2(f) and 12(B)** of the UGC Act.

The Department of Computer Science and Engineering was established in 2008 with an intake of 60 in U.G. Programme. The intake was enhanced to 120 in the year 2011. The Department is also offering M.Tech(Computer Science). The Department has highly qualified and experienced faculty, good infrastructure facilities, equipped with full-fledged laboratories, ICT facilities and is attracting top rankers.

Coordinators:

Dr. R.B.V Subramanyam,
 Professor, Department of CSE
 NIT Warangal.
 Ph: 9491346969
 Email : rbvs66@nitw.ac.in

Mr. D. Maruthi kumar (Ph.D),
 Assistant Professor, Dept. of ECE,
 Srinivasa Ramanujan Institute of
 Technology, Ananthapuramu.
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 machinelearning_fdp@srit.ac.in



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APPLICATION FORM

1. Name :
2. Designation :
3. Institution :
4. Email :
5. Mobile No :
6. Category :
 - Faculty/Research Scholars (Rs.2,500/-)
 - SC/ST Faculty members (Rs. 1,875/-)
 - Industry Participants (Rs. 7,500/-)
7. Do you belong to SC/ST : YES/NO
(If yes, please specify and attach a copy of caste certificate to claim the concession)
8. Payment Mode : DD No/Online Transfer reference No. :
Amount :
Bank :
Date :
9. Address for Correspondence :
10. Educational Qualification :
11. Subject taught so far :
12. No. of refresher Courses/ workshops attended :
13. Experience (in years) : Teaching : Research: Industry :
14. Accommodation required : 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 & ITS APPLICATIONS", sponsored by Electronics & ICT Academy during 10th - 15th June, 2019 at Srinivasa Ramanujan Institute of Technology, Ananthapuramu

Signature of Head of Institution
(with seal)

HOW TO APPLY

E-mail the scanned copies of filled-in and duly signed application form along with DD/NEFT receipt to machinelearning_fdp@srit.ac.in and post to the address:

D. Maruthi kumar, Assistant Professor, Dept of ECE, Srinivasa Ramanujan Institute of Technology, Rotarypuram(V)- 515701,Andhra Pradesh.

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

COORDINATORS

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