



ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP) ON Machine Learning, Artificial Intelligence and its applications

(20th June 2022 – 30th June 2022)

Organised by

Electronics & ICT Academy, NIT Warangal

jointly with

SREE RAMA ENGINEERING COLLEGE, TIRUPATI & IIITDM, KURNOOL

(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's 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:

The Faculty Development Programme will help to disseminate the knowledge in the domain of data Machine learning and Artificial Intelligence and its applications. It empowers the participants to understand how data machine learning techniques can be used to innovate and improve the business process. Machine Learning is a fast-growing field of Artificial Intelligence concerned with the study and design of computer algorithms for learning good representations of data, at multiple levels of abstraction. Since data is overwhelming, organizations are struggling to extract the powerful insights they need to make smarter business decisions. The participants will be trained with hands-on approach in order to have an in-depth insight into the domain of Machine learning.

Major Course Contents:

Introduction to Machine Learning

- ❖ Challenges and opportunities in Machine Learning
- ❖ Dimensionality Reduction, Regression Models
- ❖ Supervised Learning, unsupervised Learning
- ❖ Reinforcement Learning, Searching Techniques
- ❖ Regression, Classification, SVM, Decision Trees
- ❖ Clustering, Association, Neural Networks
- ❖ Optimization Methods
- ❖ Metaheuristic Methods
- ❖ Real time Applications

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	Rs.750/-
Industry Participants	Rs.2250/-

Participants need to pay the Registration Fee Online using the following details

Online Transfer Details
Account Name: Electronics & ICT Academy NITW
Account No: 62423775910
IFSC: SBIN0020149
Bank and Branch: State Bank of India, NIT (REC) Warangal

How to apply:

Participants are required to fill the online registration form by clicking on the following link:

<https://forms.gle/XccvPjyW1v8ThXfLA>

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)	18.06.2022
Selection List by E- mail	19.06.2022
Duration	20.06.2022 to 30.06.2022

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 programmes in various specializations. All B. Tech and M. Tech programmes of NIT Warangal are NBA accredited.

About Sree Rama Engineering College, Tirupati:

Sri Mannem Rami Reddy garu, the founder of Sree Rama Educational Society started SREE RAMA ENGINEERING COLLEGE (SRET) with an aim to impart quality education to the student community of backward region of Rayalaseema in the year 2008. His outstanding personality, acumen and magnificent vision have made him a benevolent patron of the institutions. We are very much pleased to introduce ourselves as one of the upcoming Engineering Colleges aspiring to provide high standards of technical education. SRET fosters a vision of educational transformation in keeping pace with the times. It emphasizes a symbiotic relationship among the students, faculty, academic curriculum, and industries. The institution offers a holistic approach to technical education, personality development and soft skills.

Sree Rama Engineering College was started with an annual intake of 240 students in 4 branches. At present, the college offers 5 B.Tech. programmes and 4 M.Tech. Programmes. The institute offers MBA programme as well. This educational institution aims to provide an academically exhilarating environment allowing the students to enjoy a first-class education and social experience.

About IIITDMK:

Indian Institute of Information Technology, Design & Manufacturing, Kurnool (IIITDMK) was announced in 2014 after receiving the assent of President of India to the Institutes of Information Technology Act, 2014, and its subsequent publication in the Gazette of India, Extraordinary, Part- II, Section I, on December 08, 2014. The institute was announced by Government of India to give effect to its obligation under the Andhra Pradesh reorganization act 2014. IIITDM Kurnool is fully funded by Ministry of Education.



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SPONSORSHIP CERTIFICATE

1. Name :

2. Designation :

3. Institution :

4. Email :

5. Mobile No :

6.

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. Do you belong to SC/ST : YES /NO

Dr. /Mr. /Ms. is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on “**Machine Learning, Artificial Intelligence and its Applications**”, sponsored by **Electronics & ICT Academy** during **20th June – 30th June 2022** at Sree Rama Engineering College, Tirupati.

Signature of Head of Institution
(With seal)

Address for correspondence

Post your application form

Dr. Pavan Kumar M R

Associate Professor

Department of CSE

Sree Rama Engineering College, Tirupati

Andhra Pradesh

INDIA-517507.

It is requested to all the delegates, after completion of application form, all the payment details, screenshot of the payment and scanned application form has to be uploaded in the following online registration link.

Registration Link:

<https://forms.gle/XccvPjyW1v8ThXfLA>

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

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

For more enquiries please contact:

Dr. Pavan Kumar M R

Mobile: 9652916364

Email: sivapavan@sreerama.ac.in

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.

Date

Signature of the Applicant

Coordinators

Dr. R. Praneetha Sree

Department of CSE,
IIITDM Kurnool – 518 007.

Dr. Pavan Kumar M R

Associate Professor

Department of CSE

Sree Rama Engineering College, Tirupati

Email: sivapavan@sreerama.ac.in

Ph. No: 9652916364