

ONE WEEK FACULTY DEVELOPMENT PROGRAMME (FDP)

ON

DATA SCIENCE AND MACHINE LEARNING

(12th July to 20th July, 2021)

Organized by

E & ICT Academy, NIT Warangal

In Association with

KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY

(Autonomous)

(Sponsored by Ministry of Electronics and Information Technology (MeitY), GoI)



Preamble:

“Electronics & ICT Academy” at NIT Warangal is established with financial assistance from MeitY, GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa, Pondicherry and Andaman & Nicobar Islands. The role of the academy 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:

This FDP is devoted to address the need to enhance the knowledge about Data Science and Machine Learning is being conducted by Kallam Haranadhareddy Institute of Technology, Guntur in association with E&ICTA academy, NIT Warangal. The course is being handled by academicians and industry experts.

Major Course Contents:

- ❖ Introduction to Data Science
- ❖ Recommendation Systems
- ❖ Introduction to R Language and Statistical Analysis using R
- ❖ Introduction to Python
- ❖ Analyzing Social Network Graphs
- ❖ ❖Data Acquisition and Data Science Life Cycle, Data Visualization
- ❖ Introduction to Machine Learning
- ❖ Unsupervised Learning Methods
- ❖ Supervised Learning Methods
- ❖ Linear Regression: Simple and multiple linear regressions
- ❖ Optimization methods
- ❖ Feature Selection Methods
- ❖ Dimensionality Reduction Methods (PCA)
- ❖ Hands on sessions on Unsupervised and Supervised Methods
- ❖ Supervised Learning Methods on Real Time Applications
- ❖ Support Vector Machines and Neural Networks
- ❖ Medical Data Analysis

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 industry are also expected to deliver as part of the course.

Eligibility:

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

Registration Fee:

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/6bVWB8NRV6ieHifx6>

Selection Criteria:

Selection will be based on first come first serve basis to a maximum number of 50. Additionally 10 participants from industry are allowed to participate. The list of selected participants will be intimated through email. In case a candidate is not selected, the registration fees will be sent back. Candidates will be issued certificates on successful completion of the course.

Important Dates:

Last date for submission of Applications	July 09, 2021
Selection List by E- mail	July 10, 2021
Duration	July 12 - 20, 2021

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REGISTRATION FORM

1. Name:
2. Designation:
3. Institution:
4. E Mail:
5. Mobile No.:
6. Payment Receipt No:
Bank Name:
Date:
Amount (INR):
7. Address for Communication:
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

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.

Applicant's Signature

SPONSORSHIP CERTIFICATE

Dr.Mr./Ms.....is an employee of our Institute/ Organization and is hereby sponsored to participate in the FDP on **"DATA SCIENCE AND MACHINE LEARNING"** sponsored by Electronics & ICT Academy during **12-07-2021 to 20-07-2021**.

Signature of Head of the Institution (with seal)

Coordinators:

Prof. R B V Subramaanyam

Professor, Dept. of CSE,
NIT Warangal,
Telangana.

About NIT Warangal:

National Institute of Technology, Warangal is the first among 17 RECs setup a joint venture of the Government of India and the state government. Over the years, the college has established itself as a premier Institute of imparting technical education of a very high standard leading to the B.Tech degrees in various branches of engineering, M.Tech and PhD programmes in various specializations. All eligible B.Tech and M.Tech programmes of NIT Warangal are NBA accredited.

About the College:

Kallam Haranadhareddy Institute of Technology (KHIT) was established by an industrialist Shri Kallam Haranadhareddy under the aegis of Kallam Academy of Educational Society (KAES) in the year 2010. The Institute is also duly approved by the AICTE and the Government of Andhra Pradesh State and is an autonomous college affiliated to JNTUK, Kakinada. KHIT is accredited by NBA and NAAC with 'A' Grade.

Department of Computer Science & Engineering was established in the year 2010. The department has started B.Tech CSE program with an intake of 60 in the year 2010, the intake was increased to 120 in the year 2012 and intake is increased to 180 in the year 2019. The department has also started with M.Tech CSE Programme in the year 2012 with an intake of 18. CSE Department was accredited by NBA in the year 2018. Department of CSE is recognized as a Research Centre by JNTUK, Kakinada.

Address for Correspondence:

Post your application form to

Dr. K. Venkata Subba Reddy
HOD, Department of Computer Science and Engineering
Kallam Haranadhareddy Institute of Technology,
Guntur-522019, Andhra Pradesh, India.

Email: khitcsehod@gmail.com

Mobile: +91 9966136199

FDP Email:

E-mail the scanned copies of filled-in and duly signed application form along with Fees payment receipt to khitcsehod@gmail.com

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

Mr. N. Md. Jubair Basha

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