



FACULTY DEVELOPMENT PROGRAMME (FDP) ON



Artificial Intelligence and Machine Learning using Python

24th – 29th June 2019

Organized by

Department of CSE,

Koneru Lakshmaiah Education Foundation,

(Deemed to be University, Off campus center, Hyderabad)

In association with

E& ICT Academy, National Institute of Technology, Warangal

(Sponsored by Ministry of Electronics and Information Technology (MeitY), Govt. of India)

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 programme 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:

Artificial intelligence (AI) is wide-ranging branch of computer science concerned with building smart machines capable of performing tasks that typically require human intelligence. AI is an interdisciplinary science with multiple approaches, but advancements in machine learning and deep learning are creating a paradigm shift in virtually every sector of the tech industry. Machine learning feeds a computer data and uses statistical techniques to help it "learn" how to get progressively better at a task, without having been specifically programmed for that task, eliminating the need for millions of lines of written code

This Faculty Development Programme (FDP) on "Artificial Intelligence and Machine Learning using Python" aims at providing an opportunity to enhance the knowledge about the latest technologies pertaining to Artificial Intelligence and Machine Learning. This FDP would provide participants with the guidelines to explore the area of Artificial intelligence and its applications. The participants would learn to develop methods for solving problems related to diverse computational fields.

Major Course Contents:

- Introduction to AI and ML.
- Supervised learning.
- Unsupervised learning.
- Reinforcement learning.
- Search Techniques.
- Knowledge Representation.
- Neural networks and Deep learning.
- Natural language processing.
- Fuzzy logic and its applications.
- Machine learning and Artificial Intelligence libraries in python.
- Case studies

Faculty conducting this program: The program 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 program. Speakers from industries are also expected to deliver as part of the course.

Eligibility: The program is open to the faculty of Engineering Colleges, MCA Colleges and other allied disciplines in India. Industry personnel working in the concerned /allied discipline can also attend.

Organized at: The Programme will be coordinated and conducted by the Computer Science and Engineering department of KLH (Deemed to be University), Aziz Nagar, Hyderabad.

The whole course will be accomplished by academicians from premier institutions, Industry experts and Research advisors

Accommodation: No TA/DA will be paid to the participants. Working Lunch, Tea & Snacks and Dinner would be provided during the training at KLH campus. Boys/Girls Hostel Non-AC accommodation will be provided.

Venue: Dept. of CSE, KLEF (Deemed to be university, Off campus center), Hyderabad.

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,	Rs. 1875/-*
Industry Participants	Rs. 7500/-

*SC/ ST participants should submit the copy of their caste certificate to claim the concession along with application form and it 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 "E & ICT Academy, NIT Warangal" payable at SBI, NIT 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 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 csehod@klh.edu.in as selection will be intimated only through mail. as selection will be intimated only through 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 notified through their personal *e-mail* ids and through our website www.klh.edu.in In case 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 satisfactory certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

Important dates:

Last date for submission of application	14.06.2019
Selection-list intimation/display on or before	19.06.2019

About NITW & KLEF:

National Institute of Technology (formerly Regional Engineering College), 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 Institution imparting technical education of a very high standard leading to the B. Tech degrees in various branches of engineering and M. Tech. and Ph.D. programs in various specializations. All B. Tech and M. Tech programmes of NIT Warangal are NBA accredited.

The **Koneru Lakshmaiah** Charities was established as a trust in the year 1980 and started K L College of Engineering in the Academic year 1980-81. The trust was converted into a Society by the name Koneru Lakshmaiah Education Foundation(KLEF) in the year 1996. The KL College of Engineering has attained autonomous status in the year 2006 and in February 2009, the KLEF Society was recognized as Deemed to be University. The UGC Graded KLEF as CATEGORY-1 University under the categorization of universities for grant of Graded Autonomy. KLEF got MHRD NIRF rank of 52 under all India Engineering category. K L deemed to be University accredited with NAAC A++ is situated in a spacious 100-acre campus on the banks of Buckingham Canal aptly named "Green Fields" and the splendid avenue of trees and gardens bear testimony to the importance of ecology and environment. The campus ambience is most befitting for scholastic pursuits. It offers 23 UG programs, 26 PG programs, 28 integrated degree programs and dual degree programs. In addition to the research program in 14 disciplines, KLU has the credit of housing world class Centers of Excellence to boost research in emerging areas. Now K L Deemed to be University is operational in Hyderabad from 2018 onwards.

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ON

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING USING PYTHON

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Organized by

KLEF, Hyderabad

(Deemed to be University, off campus Center)

Aziz Nagar, Hyderabad

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(Sponsored by Ministry of Electronics and Information Technology (MeitY), Govt. of India)



APPLICATION FORM

1. Name: _____

2. Designation: _____

3. Institution: _____

4. Email: _____

5. DD No/ Transaction ID: _____

Date: _____

Bank: _____

6. Address for Correspondence _____

7. Educational Qualifications with specialization: _____

8. Subjects taught so far: _____

9. No. of refresher courses/workshops attended: _____

10. Experience (in years)

Teaching: _____

Research: _____

Industry: _____

11. Accommodation required: YES / NO

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

(If yes, please specify and attach a copy of caste certificate to claim the concession)

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. R. R. ROUT,
Dept. of CSE,
Electronics & ICT Academy
NATIONAL INSTITUTE OF TECHNOLOGY

Dr. R. RADHA
Head of the Department,
Department of CSE,
KLEF (Deemed to be University, Off campus center)

SPONSORSHIP CERTIFICATE

Dr./Mr./Ms..... is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on *Artificial Intelligence and Machine learning using Python* Sponsored by **Electronics & ICT Academy** during **24th - 29th June, 2019** at **KLH, Hyderabad.**

Place:

Date:

Signature of Head of Institution

(With seal)

Address for correspondence

Dr. R. Radha,
Coordinator,
FDP on Artificial Intelligence and Machine learning using Python
Department of Computer Science and Engineering
KLEF (Deemed to be University, Off campus Center),
Aziz Nagar,
Hyderabad-500 075,
Telangana, India

Mail the scanned copies of filled-in and duly signed application form with DD to, csehod@klh.edu.in

For more information visit:

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

<http://www.klh.edu.in>

For any enquiry contact:

Mobile: 9444787294, 9989988912