ONILINE FACULTY DEVELOPMENT PROGRAMME(FDP)
ON
MACHINE LEARNING FOR IOT APPLICATIONS
(7th– 15th June, 2021)
Organized by
Kakatiya Institute of Technology & Science (Autonomous), Warangal
In association with
E &ICT Academy, NIT 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, Puducherry and Andaman & Nicobar Islands. This academy role is to offer faculty development programmes(FDPs) in standardized courses and emerging areas of Electronics, Information Communication Technologies, training and consultancy services for Industry, Curriculum development for Industry, CEP for working professionals, Advice and support for technical incubation and entrepreneurial activities.

This FDP is devoted to address the need to enhance the knowledge about the latest development pertaining to **Machine Learning for IOT Applications**is being conductedat **National Institute of Technology, Warangal**. The whole course is handled by academicians and industry experts.

Major Course Contents:

- **Introduction of ML and IoT**
- **Classification and Clustering, Principal Component Analysis, Neural Networks**
- **Learning Automata and Markov Decision Process**
- **Fuzzy-Neuro system**
- **Deep Learning Models**
- **Machine learning with Python**
- **IoT architecture and protocol stack**
- **Python Programming (MQTT, Socket-IoT Protocols)**
- **Working with AWS cloud to deploy IoT applications**
- **IoT Data Analytics**
- **ThingSpeak Internet of Things**
- **ML and IoT applications in Agriculture, Healthcare and Smart cities.**
- **Research directions in machine Learning and IoT**

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/Abroad are invited to deliver lectures in the programme. 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.

How to apply:

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

https://forms.gle/n5iR8dqG3hYo7rEK9

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

Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of 100 (hundred).The list of selected participants will be intimated through e-mail. In case a candidate is not selected, the DD/online payment 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 for submission of Application	02/06/2021 (11:59 PM)
Selection List by E- mail	03/06/2021 (11:59 PM)
Duration	07/06/2021to 15/06/2021

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

About KITS Warangal:

Kakatiya Institute of Technology& Science is one of the premier institutes in Telangana state is sponsored byEkasilaEducational society, which was established in 1980. The institute is approved by AICTE, New Delhi, permanently affiliated to Kakatiya University, and accredited by NAAC with 'A' grade and is UGC autonomous.. The institute offers UG (B.Tech CIVIL EEE, MECH, ECE and CSE, IT) and PG(M.Tech& MBA) courses.

ONLINE FACULTY DEVELOPMENT PROGRAMME(FDP)
ON
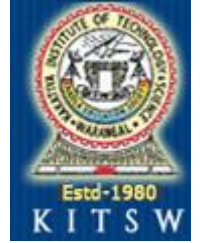## MACHINE LEARNING FOR IOT APPLICATIONS
(7th–15th June 2021)
Organized by
Kakatiya Institute of Technology & Science
(Autonomous), Warangal
In association with
E &ICT Academy, NIT Warangal

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

1. Name   :

2. Designation   :

3. Institution   :

4. Email   :

5. Reference No: Bank: Date:

    Amount:

6.   Address for Correspondence:

7.   Educational Qualification:

8.   Subjects taught so far:

9. No. of refresher courses/workshops attended:

10. Experience (in years):

    Teaching: Research: Industry:

11. 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.

SPONSORSHIP CERTIFICATE

Dr. /Mr. /Ms. …………………………………... is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on **"Machine Learning for IOT Applications"**, sponsored by Electronics & ICT Academy during 7th– 15th June, 2021 at NIT Warangal.

Signature of Head of Institution
(with seal)

Interested faculty members, please fill the following Google form:

https://forms.gle/n5iR8dqG3hYo7rEK9

Address for correspondence
Post your application form to

Dr N.Gayatri,

Assistant Professor, Dept. of CSE,

Kakatiya Institute of Technology & Science,

Warangal– 501015, Telangana, India.

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

For more enquiries please contact:

Dr. Manjubala Bisi/Dr N. Gayatri

Mobile:+91-9502940360 /+91-8977437166

Signature of Applicant

Coordinators

Dr N .Gayatri,
Assistant Professor,
Dept. of CSE
KITS, Warangal, Ph: 8977437166

Dr. Manjubala Bisi
Assistant Professor,
Dept. of CSE
NIT Warangal, Ph:9502940360