



ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP) ON

Artificial Intelligence in IOT

22nd July to 2nd Aug - 2022

Organized by

Electronics & ICT Academy, NIT Warangal

in association with

Kakatiya University, 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'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:

Artificial intelligence plays a growing role in IoT applications and deployments. The combination of AI (Artificial Intelligence) with the Internet of Things (IoT) has the potential to reshape the way industries, businesses, and economies operate. IoT powered by AI generates intelligent technologies that mimic intelligent behavior and assist in decision-making with little or no human intervention. AI applications for IoT enable companies to avoid unplanned downtime, increase operating efficiency, spawn new products and services, and enhance risk management. This FDP will offer a opportunity to all the participants to gain understanding on recent trends and research advancements in Artificial Intelligence, Internet of Things (IoT) through theoretical sessions, case studies & hands on training.

Major Course Contents:

- Introduction to fundamentals of Artificial Intelligence and IoT
- Era of change Recent advancements of AI in IoT
- IoT Architecture and recent protocols in IoT
- Research scope in AI and IoT
- Artificial Intelligence use cases for IoT Connected devices
- Emerging trends in AI applications as a study for societal applications
- IoT and AI applications in Agriculture
- Integration of IoT and AI for healthcare systems
- Hands on sessions on implementation of AI algorithms using python

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://docs.google.com/forms/d/e/1FAIpQLSd5PBRKRdDbDLfSW9_6IW5_xdoV46mNdtGZvE4qfN-e_vBaDw/viewform?usp=sf_link

Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of 60 (sixty). 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)	20.07.2022
Selection List by E- mail	21.07.2022
Duration	22.07.2022 to 02.08.2022

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

About Kakatiya University : Kakatiya University was established in 19th August, 1976 to fulfill the aspirations of the Telangana people for higher education. The University was accredited with A grade. The University situated in a sprawling area of about 650 acres. The University is vibrant with research activities carrying out the projects sponsored by various funding agencies. university crossed the milestone of thirty- one years Kakatiya University started MCA programme with the assistance from UGC in 1993. In 2001 a full-fledged Department of Computer Science was formed. Along with MCA University offering MSc (CS) and Phd in various specializations.



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(FDP) on
Artificial Intelligence in IOT (AIOT)**

22nd July to 2nd Aug - 2022

Electronics & ICT Academy, NIT Warangal



**in association with
Department of Computer Science, Kakatiya University
(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)**

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

SPONSORSHIP CERTIFICATE

Dr. /Mr. /Ms.

is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on "Artificial Intelligence in IOT ", sponsored by **Electronics & ICT Academy** during 22nd July to 2nd Aug 2022 at Kakatiya University , Warangal.

Signature of Head of Institution
(with seal)

Address for correspondence

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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:

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

https://docs.google.com/forms/d/e/1FAIpQLSd5PBRKRDbDLfsW9_6IW5_xdoV46mNdtGZvE4qfN-e_vBaDw/viewform?usp=sf_link

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