



Two Weeks ONLINE FACULTY DEVELOPMENT PROGRAMME on

Artificial Intelligence and its Applications

(16th May –27th May 2022)

Organized by

Electronics & ICT Academy, NIT Warangal

In association with

Vaagdevi College of Engineering, 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 (FDPs) 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 Online FDP is devoted to address research advancements and the need to enhance the knowledge about the latest development pertaining to Artificial Intelligence (AI) for Engineering Applications. The main objective of this program is to introduce AI Technology a flow based paradigm for developing AI based Applications. It aims to encourage various zonal professionals/academicians towards research and for their academic quality and improvement. This course will offer a unique opportunity to all the participants in the relevant topics of AI aspects and its applications through theoretical sessions along with simulation environment. The applications of AI are not limited to particular fields, but span a wide range of applications such as energy systems, homes, industries, cities, logistics, health, agriculture and so on.

Major Course Contents:

- Introduction to AI/ML and its applications in real world
- AI for Healthcare
- Case Studies on AI Applications
- Working with data pre-processing and data visualization using Python
- Artificial Intelligence in Bioinformatics
- ML based Regression, Classification and its applications
- AI for Imaging and Computer Vision Applications

Faculty conducting this programme:

The programme will be conducted in online mode by Vaagdevi College of Engineering and 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 lectures as part of the course.

How to apply:

Participants are required to fill in the online registration form given in the <https://forms.gle/8mLSx68vwzuS5z2c9>

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.

Registration Fee Particulars:

Faculty and Research Scholars	Rs.750/-
Industry Participants	Rs.2250/-

Important Dates

Last date (Application & DD)	14th May 2022
Selection List by E- mail	15th May 2022
Duration	16th May - 27th May 2022

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	SBI, NIT Warangal

Course Evaluation:

Continuous assessments at regular intervals. Assessment includes MCQ's, Fill in the Blanks, True/False and/or scenario based questions.

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 Vaagdevi College of Engineering and CSE Dept

Vaagdevi College of Engineering is an AICTE approved and UGC autonomous college. Established in 1998 in the suburbs of Warangal city had stride forward significantly over in the years. College has received significant funding opportunities from AICTE to develop laboratories and research facilities on campus.

The CSE department was started with 40 seats in 1998-99 and increased to 240 in the academic year 2012-2013. The department strives for global excellence in teaching and focus on research and technology development. The department of Computer Science and Engineering has a vibrant body of faculty with 66 in number. Department has several MOU's with industry and academia. Continuous interactions with the industry that helps our students to brace themselves to absorb into the industry and higher studies abroad.

Co-ordinators:

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