

ONLINE FIVE DAYS FACULTY DEVELOPMENT PROGRAM (FDP)



ON



Recent Trends and Advancements in AI, Computer Vision & Natural Language Processing

(15th- 19th April 2024)

Organized by

Department of Computer Science and Engineering (Networks)

Kakatiya Institute of Technology & Science, Warangal

in association with

CENTRE FOR TRAINING AND LEARNING, NIT Warangal

(Established under the PMMMNMTT Scheme, Ministry of Education, Govt. of India)

Preamble:

The Centre for Training and Learning (CTL) has been established at NIT Warangal with grants from the Min. of Education, through its scheme "Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT)". Under this Scheme, a separate building has been built exclusively for the CTL activities, with the state-of-art training facilities that include a studio for production and uploading of video and e-lectures on various subjects of higher education, training halls to train the faculty in various theme areas of Science and Technology, humanities and social sciences, linguistics and communication skills, pedagogy and cognition evaluation, etc. among others. One of the important objectives of the Centre is to conduct training programme for the aspiring, newly inducted and in-service faculty in science, engineering, social sciences disciplines in higher education. Other activities of the CTL include preparation of print and e-learning materials, offering on-line courses, curriculum design, carrying out research in educational technology and pedagogy. The CTL has special programme of training for the marginalized and women-faculty.

About FDP:

This FDP aims at highlighting the applications of AI & Machine Learning in recent times. It will help the participants to understand the basics of artificial intelligence (AI), Computer Vision (CV), and Natural Language Processing (NLP) and provide future research directions to the researchers. The FDP also aims to promote and facilitate interdisciplinary research endeavors, and partnerships among faculty members specializing in the domains of AI, Computer Vision and NLP.

Major Course Contents:

- Introduction to Artificial Intelligence(AI), Machine Learning, Deep Learning and its applications
- Mathematical foundation for Machine learning
- Neural Networks & Deep Learning Models
- Computer Vision (CV) and its applications
- Natural Language Processing and Computer vision libraries
- CNN Architectures for CV
- Case studies on applications of CV and Image Processing

Faculty conducting this programme:

The programme will be conducted by the faculty members from NIT Warangal and Academicians in the concerned field from IITs/NITs/IIITs have been invited to deliver lectures in the programme.

Registration Fee Particulars:

| | |
|------------------------------|-----------|
| Faculty | Rs.1000/- |
| Students / Research Scholars | Rs. 500/- |
| Industry Participants | Rs.2000/- |

Participants need to pay the registration fees online using the following details

Online Transfer Details

Account Name: **Head, CTL NITW**
Account No: **40376545007**
IFSC: **SBIN0020149**
Bank and Branch: **SBI, NIT (REC) Warangal**

How to apply:

Participants are required to fill the online registration form by clicking on the following link: <https://forms.gle/mgD15LN8UJKz2tXt7>

Selection Criteria:

Selection will be done based on first-come-first-serve to a maximum number of 80 (eighty). Additionally, 10 participants from industry are allowed to participate. The list of selected participants will be intimated through e-mail. In case the candidate is not selected, the registration amount will be refunded. Candidates will be issued certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

Important dates:

| | |
|------------------------------|--------------------------|
| Last date (Application & DD) | 10-04-2024 |
| Selection List by E- mail | 12-04-2024 |
| Duration | 15-04-2024 to 19-04-2024 |

About NIT Warangal:

National Institute of Technology Warangal, formerly known as Regional Engineering College was established in 1959. Over the years it has developed into a premier institute of higher learning and is ranked among the top technical education institutions in India. There are 14 Departments offering eight undergraduate and 31 post-graduate programs besides doctoral programmes. About 5000 students across the country and about 500 international students' study on the campus. It is a fully residential campus sprawling over 250 acres with excellent infrastructure in the form of state-of-the-art library, seminar halls, guest houses and research laboratories.

About Kakatiya Institute of Technology and Science

Kakatiya Institute of Technology & Science, Warangal popularly known as KITSW, is a 43 years old institute, was established, in1980 by Ekasila Education Society (EES), Warangal, a philanthropic society, with a primary objective of providing quality technical education. KITSW is approved by the AICTE, New Delhi and recognized by the UGC under section 2(F) and 12(B) of UGC act1956. The UGC, New Delhi granted autonomous status in 2014 under Kakatiya University (KU), Warangal and extended autonomy for a period of 5 years from AY 2021-22 to AY 2025-26. It is accredited by NAAC with 'A' grade (CGPA: 3.21). The Government of India's NIRF-2022 placed KITSW in Rank Band 201- 25



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SPONSORSHIP CERTIFICATE

1. Name :
2. Designation :
3. Institution :
4. Email :
5. Mobile No :
6. Payment Details
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):
12. Teaching: Research: Industry:

Dr. /Mr. /Ms..... is an employee of our Institute/Organization and is hereby sponsored to participate in the Online FDP on "**Recent Trends and Advancements in AI, Computer Vision & Natural Language Processing**", sponsored by the Centre for Training and Learning (CTL) during **15th-19th April 2024**.

Signature of Head of Institution (with seal)

Address for correspondence

Dr. Jothi Prabha Appadurai

Associate Professor

Dept. of Computer Science and Engineering(Networks)

Kakatiya Institute of Technology & Science , Warangal

ajp.csn@kitsw.ac.in

+919949096437

It is requested to all the delegates, after completion of application form, all the payment details, screenshot of the payment and scanned application form must be uploaded in the following online registration link.

Registration Link: <https://forms.gle/mgD15LN8ULKz2tXt7>

For more details about CTL of NIT Warangal, please visit: <https://nitw.ac.in/tlc>

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.

Date:

Place:

Signature of the Applicant

Prof. T. Kishore Kumar
Professor and CTL Head, NITW

Prof. K. Ashoka Reddy
Principal, KITSW

Coordinator

Dr. Jothi Prabha Appadurai

Assoc. Professor , Dept of CSE(N),KITSW

Co- Coordinator

Dr. A. Godavari, Asst. Professor , Dept of CSE(N),KITSW

Dr. Narasimha Reddy Soora

Assoc. Professor & Head Dept. of CSE(N), KITSW