FACULTYDEVELOPMENTPROGRAMME(FDP)
ON
AI&ML in Biomedical Signal Processing
(13th - 17th November, 2023)
Organized by
Department of Electronics & Communication Engineering, NIT 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 Ministry of Education, through its scheme "Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT)".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 programmes 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 and integrating with ICT into teaching-learning process. The CTL has special programmes of training for the marginalized and women-faculty.

About FDP:

The main objective of FDP is to facilitate Faculty members, Research scholars and Industry persons from different regions of the country to gain knowledge from Experts on the recent developments in the domain of AI in Biomedical Signal Processing. FDP is intended to offer learning on basics, emerging trends &challenges in the field of Biomedical Signal Processing using AI. FDP is proposed to focus on the improvement of participants' ability in carrying out research, testing & consultancy in biomedical signal Processing as well as other related domains. The objective of organizing FDP is to provide hands-on training using the latest tools used for Biomedical Signal Processing.

Major Course Contents:

➤ Introduction to Biomedical Signal Processing
➤ Medical Image Analysis with its Application and challenges in Acquisition and processing
➤ Role of AI in Biomedical Signal processing
➤ AI Techniques for Biomedical Signal Processing
➤ AI Tools for Biomedical Signal Processing
➤ Identification of tumor in Brain and issue to resolve
➤ VAG Signal analysis for knee disorder detection
➤ Dyslexia detection using AI-based eye gaze point analysis
➤ Case studies on some recent advances.
➤ Practical skills development using Python.

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**
AccountNo:**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/pyudfm2mf4yVhB2c9

Selection Criteria:

Selection will be done based on first-come-first-serve to a maximum number of 50 (fifty). 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)	01-11-2023
Selection List by E-mail	06-11-2023

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.

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1. Name   :
2. Designation   :
3. Institution   :
4. Email   :
5. MobileNo:
6. Payment Details
    ReferenceNo:

    Amount:

    Bank:

    Date:

7. AddressforCorrespondence:
8. EducationalQualification:
9. Subjectstaught sofar:
10. No.ofrefreshercourses/workshopsattended:
11. Experience(inyears):
12. Teaching:Research: Industry:

Declaration
The information provided is true to the best of my knowledge. Ifselected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also under take the responsibility to inform the coordinator in case, I am unable to attend the course.

Date:
Place: **Signature of the Applicant**

SPONSORSHIP CERTIFICATE

Dr./Mr./Ms .... is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on **"AI&ML in Biomedical Signal Processing"**, sponsored by the **Centre for Training and Learning (CTL)** during **13th - 18th November, 2023** at NIT Warangal, Telangana.

Signature of Head of Institution
(with seal)

Address for correspondence:

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ctl_hod@nitw.ac.in
Mobile: 0870 2462686

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

Registration Link:
https://forms.gle/pyudfm2mf4yVhB2c9

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

Prof. T. Kishore Kumar
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