ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Futuristic Concepts and Applications for AI & Deep Learning Assisted Signal and Image Processing
(1st May - 10th May 2025)
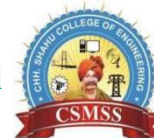
Organised by
Electronics & ICT Academy, NIT Warangal
In Association With
Department of Electronics & Communication (ACT),
CSMSS Chh.Shahu College of Engineering, CSN (A'BAD)
Sponsored by
Ministry of Electronics and Information Technology (MeitY), GoI.

Preamble:

"Electronics & ICT Academy – Phase II" was set up at NIT Warangal with financial assistance from MeitY, GoI. 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:

This FDP is devoted to addressing the need to enhance the knowledge about the latest technologies pertaining to AI and deep learning assisted signal and image processing opportunities is being conducted in online mode. The whole course is handled by academicians and industry experts.

Major Course Content:

- Fundamentals of AI, IoT, and Signal Processing
- Signal Processing Techniques for IoT Applications
- AI-Driven Communication Systems
- Signal Processing and AI for Real-Time Applications
- AI and IoT in Next-Generation Communication Technologies
- AI-IoT for Environmental and Healthcare Monitoring
- Future Trends in Data Security & Privacy for IoT
- Case Studies and Industry Applications

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**

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

How to apply:

Participants are required to fill the online registration form by clicking on the following link: https://forms.gle/ewGFESMUzBEnauEL7

Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of 40 (fifty). Candidates will be issued satisfactory certificates on successful completion of the course.

Important Dates:

Last date (Application)	21.04.2025
Selection List by E- mail	26.04.2025
Duration	01.05.2025 to 10.05.2025

About NIT Warangal:

National Institute of Technology, Warangal, is the first among 17 RECs set up as a 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 B.Tech degrees in various branches of engineering, M.Tech., and Ph.D. programmes in various specializations. All B. Tech and M. Tech programmes of NIT Warangal are NBA accredited.

About CSMSS Chh.Shahu COE :

The Chhatrapati Shahu Maharaj Shikshan Sanstha's (CSMSS) Chhatrapati Shahu College of Engineering (DTE Code 2533) was established in the year 2013, aiming to develop the next generation of competent technocrats for industry and society. The college has eight Engineering Departments offering various B.Tech programs in ME, EE, CSE, Civil, AI & DS, Electronics & Computer Engineering, and Electronics & Communication Engg. (ACT) and Electronics Engg. (VLSI Design & Technology (VDT)). The college runs six M.Tech programs in CSE, ETC, ME, Civil, ACT, and VDT. For more details, please refer Institute's Website: https://www.csmssengg.org

Co-ordinators:

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