Jointly Organized by
Electronics & ICT Academies

NITP, IIITDMJ, IITR, MNITJ
http://www.mnit.ac.in/eict

Online FDP
on
AI in Medical Images
and Diagnostics

7th July– 18th July 2025

Faculty Development Programme
Electronics & ICT Academy under aegis of

Ministry of Electronics and Information Technology Government of India

Ministry of Electronics & Information Technology
Government of India

meity.gov.in/content/schemes-projects

Chairman, EICT Academy & Director MNIT Jaipur
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Objective (Electronics & ICT Academy-Phase II)
1) To conduct specialized FDPs for faculty/mentor training in line with the vision of MeitY by promoting emerging areas of technology and other high-priority areas that are pillars of both the "Make in India" and the "Digital India" programs.
2) To promote synergy and collaboration with industry, academia, universities and other institutions of learning, especially in emerging technology areas.
3) To support the National Policy on Electronics 2019 (NPE 2019) which envisions positioning India as a global hub for ESDM sector, including MeitY Schemes/policies such as Programme for Semiconductors and Display Fab Ecosystem; India AI; National Programme on AI, Production Linked Incentive Scheme for IT Hardware & Large-Scale Electronics Manufacturing; EMC; SPECS; Chips to System (C2S); etc.
4) To promote standardization of FDPs through Joint Faculty Development Programmes.
5) To support the vision of the National Education Policy (NEP 2020), which mandates that Indian educators go through at least 50 hours in professional development programmes per year.
6) To design, develop & deliver specialised FDPs on emerging technologies/ niche areas/ specialised modules for specific research areas for Faculty in Higher Education Institutions (HEI), besides FDPs on multi-disciplinary areas connected with ICT tools and technologies and other digital hybrid domains, covering a wide spectrum of engineering and non-engineering colleges, polytechnics, ITIs, and PGT educators.

An intensive 40 Hours Training Programme in online mode is being jointly organized by 7 EICT Academies for faculty and doctoral students of engineering and technological institutions. It is also open to working professionals from industry/organizations. It aims to equip educators and researchers with basic knowledge to understand the basic and advanced principles and applications of AI into Medical Images & diagnostics. Hands-on sessions and demos are planned towards advanced learning. This FDP will be conducted online starting from 7th – 18th July 2025.

Experts/Speakers-

Prof. Sumantra Dutta Roy, IIT Delhi
Prof. Surya Prakash, IIT Indore
Prof. M. P. Singh, NIT Patna
Prof. K. V. Arya, ABV-IIITM Gwalior
Dr. Rishav Singh, IIT Patna
Dr. Shyam Singh Rajput, NIT Patna
Many more from IITs/NITs/IIITs and industries

Programme Modules:

Module-1: Fundamentals of Image Processing and Analysis
Module-2: Disease Detection with Computer Vision
Module-3: Disease Detection
Module-4: Disease Detection Strategies and Challenges of AI and Healthcare Image Segmentation on Different Types of Medical Images
Module-5: Evolutions of AI in Healthcare
Module-6: Ethical Practices for AI in Healthcare
Module-7: Virtual Health Assistants

Principal Coordinators:

Dr. Deepak Ranjan Nayak, Jt-PC, MNIT Jaipur	fdp.academy@mnit.ac.in	9861352739 (M)
Dr. Anil Kumar, PC IIITDM Jabalpur	Dr. Jitin Singhla & Prof. S, Manhas, Jt-PC IIT Roorkee	Dr. M. P. Singh & Dr Shyam S Rajput, Jt-PC NIT Patna

Registration:
Registration is open to faculty, working professionals, industry persons, doctoral, postgraduate and graduate students from India and rest of the world.
Participants will be admitted on first-come first-served basis. Register online at– (http://online.mnit.ac.in/eict/)

Registration Fee:

Academia (faculty/Students): India/SAARC/Africa	Others: India/SAARC/Africa	Rest of the world
Rs. 500/-	Rs. 1000/-	US $ 60/-

(A) Fee once paid will not be refunded back.
(B) The fee covers online participation in the programme, tutorial notes and examination, certification charges etc.
(C) The registration amount may be paid through online mode- NEFT/UPI/Cards/SWIFT, provided at the registration portal.
(D) Detailed schedule will be shared after receiving registration form.

→ For Queries, **email us at** fdp.academy@mnit.ac.in