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IIIT Hyderabad offers AI-based online courses for medical professionals

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To help doctors extend healthcare to a larger population, especially in rural areas



International Institute of Information Technology Hyderabad (IIIT-H) has launched an online course on 'AI for Medical Professionals', in collaboration with National Academy of Medical Sciences (NAMS), an autonomous organisation under the Ministry of Health & Family Welfare, Government of India, and IHub-Data.

The 12-week online orientation course on artificial intelligence (AI) will equip medical professionals with the requisite skills needed to understand, evaluate, and apply AI technologies in clinical settings, improving patient care and operational efficiency. It covers both theory and tutorials covering the basics of AI, machine learning, deep learning, and case studies on clinical applications involving screening, diagnosis, prognosis, and patient management. Participants will also explore ethical and governance issues in the use of AI tools and techniques.

Delivered through video lectures, weekly contact sessions, and case studies, the course includes quizzes, assignments, and assessments, leading to certification upon completion. Around 200 medical professionals, which include senior faculty/research members from premier medical institutions, with postgraduate degrees across 41 specialities spread over 24 states and 56 cities across the country, are participating in the programme. Eminent faculty mentors from IIIT-H and NAMS are involved in delivering this course.

Prof. Abhay Karandikar, Secretary of DST; Dr Shiv Kumar Sarin, President of NAMS; and Prof. P J Narayanan, Director of IIIT Hyderabad launched this first-of-its-kind course virtually.