

राष्ट्रीय आयुर्विज्ञान अकादमी ( भारत )

अन्सारी नगर, महात्मा गांधी मार्ग, नई दिल्ली-110029

दूरभाष : 26588718  
26589289



**NATIONAL ACADEMY OF MEDICAL SCIENCES (INDIA)**

Ansari Nagar, Mahatma Gandhi Marg, New Delhi - 110029

Telephone : 26588718  
26589289

E-mail : nams\_aca@yahoo.com  
Website : www.nams-india.in

**Prof. (Dr.) Shiv Kumar Sarin**

MD, DM, FAMS, FNA, FASc, FNASc, D.Sc. (Hony.)

**President**

Senior Professor

Department of Hepatology

Vice Chancellor, Institute of Liver and Biliary Sciences

D-1, Vasant Kunj, New Delhi -110070

E-mail: namspresident@gmail.com

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**Sub. Online Certificate Course on AI in Healthcare by IIITH (International Institute of Information Technology, Hyderabad) and NAMS (National Academy of Medical Sciences)**

Respected Esteemed Colleague

Greetings from the National Academy of Medical Sciences, India, (NAMS).

As you are aware that Artificial Intelligence (AI) in healthcare is transforming the way medical professionals diagnose, treat, and manage patients. However, many clinicians lack the necessary skills and understanding to effectively leverage these technologies.

IIITH and NAMS have taken initiative to start this 12 weeks online certificate course to bridge this gap by equipping clinical professionals with the knowledge and tools to understand, evaluate, and apply AI in clinical settings, ultimately enhancing patient care and operational efficiency. The aim is to sensitize, and familiarize the Faculty, medical professionals and medical students (MBBS, BDS MD, MS, MCh, DM, MDS) on applications of AI tools and technologies in healthcare as well as to increase their awareness of ethical and governance issues related to AI in medicine.

The course is in modular form with four modules- Introduction to Artificial Intelligence (AI) in Health Care, Basics of Machine and Deep Learning (ML & DL), Clinical Applications (Screening, Diagnosis, Prognosis, Treatment, Patient Management, Hospital Resource Management), Ethics and Governance of AI.

The online course will have Pre-recorded lectures (1 hour content delivered as 4 videos each of 15 minutes duration) released every week for participants to enable flexible learning at their convenience; Weekly online contact session (1 hour duration) comprising summary of the lecture material, tutorials on the material covered in the video lectures, Q&A, and live demonstration of case studies; Demo of simple AI applications relevant to healthcare are taken up during the contact sessions. This will require 3 hours per week. The Course Assessment will be in the form of short quizzes / assignments to complete before the contact session. Upon satisfactory completion of lectures, contact sessions a certificate of course completion will be issued jointly by NAMS and IIIT-H.

**The online admission portal with registration/fee-payment details is already developed:**

<https://ihub-data.ai/archives/events/certificate-course-on-ai-in-health/>

The portal allows participants to apply with all documentation for further scrutiny, selection process and for course fee payment.

**The last date for registration is 4<sup>th</sup> September 2024. The Course brochure is enclosed for your kind perusal**

Please encourage your faculty and students to register for the program.

**Please acknowledge the receipt of this communication.**

With respectful regards

Yours sincerely,

(Dr. Shiv K. Sarin)