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**Doctors AI**  
ARTIFICIAL INTELLIGENCE FOR DOCTORS



# CERTIFICATE COURSE ON ARTIFICIAL INTELLIGENCE IN MEDICINE (CCAIM)

**SPECIAL BATCH**

**FOR CRITICAL CARE PROFESSIONALS**



Approved and Certification by  
Healthcare Sector Skill Council  
Ministry of Skill Development  
and Entrepreneurship, GOI

# AI

**APPLY NOW**

80+ medical professionals have  
already embraced AI through  
CCAIM—be part of the revolution  
shaping the future of medicine!

**THE BATCH  
COMMENSES SOON!**



This course is affiliated to



Supported by



# Program Objective and Curriculum

## Objective of the Program

The Certificate Course on Artificial Intelligence in Medicine (CCAIM) by Doctors AI in collaboration with Indian Society of Critical Care Medicine (ISCCM) aims to:

- Provide a comprehensive understanding of Artificial Intelligence (AI) innovations in healthcare.
- Explore the applications, limitations, and opportunities of AI technology in clinical and diagnostic services.
- Equip critical care professionals with practical AI tools to enhance efficiency, research productivity, and healthcare delivery.
- Examine the integration of AI in diagnostics, patient monitoring in the ICU, and healthcare data management.
- Address the challenges of AI adoption in hospital processes and resource management.
- Prepare participants to lead their respective domains with advanced digital medicine tools.

## What Will Be Covered?

1

### Foundations

- Introduction to Artificial Intelligence in Critical Care and Big Data Analytics.
- Basics of generative AI and agentic AI, tools like ChatGPT, Gemini for healthcare.
- Understanding Natural Language Processing (NLP) and AI tools for clinical precision.

2

### Clinical Applications

- AI in diagnostics, medical imaging, genomics, and patient monitoring in the ICU.
- Effective AI for research paper writing and peer review.
- Tools for healthcare data analytics and precision medicine in critical care.
- Prompting and AI tools in regular practice by intensivists for clinical queries

3

### Technology Integration

- Fundamentals of machine learning, deep learning, and data science in critical care.
- Top tools such as Google Studio, Orange, Kaggle, and no-code platforms.
- Ethics and regulatory guidelines for clinical AI use.

4

### Implementation

- Evaluating AI Applications in Healthcare: Validation and Verification of AI Models
- Deploying AI in healthcare systems and addressing real-world challenges.
- Integration with legacy applications (Excel, AV tools) and healthcare systems.
- Case studies, workshops, and capstone projects tailored to participants' organizations.

# Eligibility and Training Methodology

## Who Can Join?

The program welcomes:

- Physicians, intensivists, ER physicians and other healthcare professionals.

**Eligibility:** No prior technical knowledge required—basic digital literacy suffices.

## Training Methodology

### Mode of Delivery

42 hours of live, interactive online sessions.

### Weekend Learning

Convenient sessions designed for critical care professionals.

### Interactive Learning

Case studies, live demos, and real-world projects.

### Experienced Faculty

Medical professionals and AI experts with hands-on healthcare project experience.

### Resources

Comprehensive LMS access, assignments, and project-based evaluations.

## Value Proposition

Participants will gain:

- Dual Certification from Universal AI University and the Healthcare Sector Skill Council (HSSC), MSDE, GOI.
- Exposure to AI tools for enhanced clinical practice, improved patient outcomes, and advanced research capabilities.
- Insight into legal, ethical, and practical applications of AI in critical care.

# ₹30,000 INR

Course Fee

Inclusive of all resources and certifications

# Meet the Lead Faculty



**Dr. Amit Kumar Dey**

**Course Director**

Dr Amit Kumar Dey, MD, FACP (USA), FRSPH (UK), FDI, is a global leader in AI in healthcare and the founder-chair of Doctors AI and Indian College of Artificial Intelligence in Medicine (ICAIM). He is certified by ABAIM and serves as the editor in chief of Indian Journal of AI in Medicine (IJAIM)



**Prof. Pankaj Roy Gupta**

**Program Director**

Prof Roy Gupta is a data scientist and AI expert with nearly 30 years of experience, driving business growth through AI, ML, and analytics solutions. He is the Director of AI and Consulting at Universal AI University and Founder/CEO of D2B Analytics Labs.



**Dr. Avneesh Khare**

**Course Coordinator**

Dr Avneesh Khare, MD, DNB, and AI-certified by ABAIM, is a thought leader and AI consultant at BrainX AI, USA, and chief advisor of Doctors AI. Recognized by Forbes and Times Square NY, he advances AI in healthcare as a NAMS Taskforce member.



**Dr Srinivas Samavedam**

**Course Faculty**

Dr Srinivas Samavedam is a senior intensivist and Medical Director & Head of Critical Care at Virinchi Hospital, Hyderabad, and the president of the Indian Society of Critical Care Medicine. [w](#)He has contributed significantly to ISCCM s academic programs, and capacity-building initiatives.



**Dr. SV Kulkarni**

**Course Faculty**

With 42 years of experience, Dr. S.V. Kulkarni, MD, FACP (USA), is a senior consulting physician at MGM Medical College and Director of Diaabetter Centre, Navi Mumbai. He is also the founder patron of Doctors AI and dean of ICAIM



**Dr. Om J. Lakhani**

**Course Faculty**

Dr Om Lakhani, MD, DNB, founder of Mellitus HealthCare LLP and [Technocrinology.com](https://www.technocrinology.com), is a consultant endocrinologist leveraging AI to manage complex endocrine disorders and enhance patient care outcomes.



**Dr. Atul Tiwari**

**Course Faculty**

Dr Atul Tiwari, MD, MS (AI, UK), is a researcher and mentor in AI-driven diagnostic medicine, developing educational courses and ICMR projects in pathology. He pioneers integrating AI with healthcare education and serves on the Advisory Board of Doctors AI



**Dr. Suvrankar Datta**

**Course Faculty**

Dr Suvrankar Datta is a radiologist, AI researcher, and Faculty Fellow at the Koita Centre for Digital Health, Ashoka University, with an M.D. in Radiodiagnosis from AIIMS Delhi and a Gold Medal in MBBS from JIPMER. [A](#)



**Dr. Deepak Chiradoni**

**Course Faculty**

Dr Deepak Chiradoni is a consultant paediatrician at Basaveshwara Hospital, Karnataka, with over 25 years of experience in paediatrics and neonatology. He is an Advisory Board Member at Doctors AI and is actively integrating AI into paediatric care

# About Us

## Doctors AI | Indian College of Artificial Intelligence in Medicine (ICAIM)

Doctors AI is a pioneering global initiative aimed at integrating Artificial Intelligence into the medical profession. With a growing community of over 5,000 members worldwide, and over 500 life members at ICAIM, Doctors AI empowers healthcare professionals with the tools and knowledge to harness AI effectively in their practices.

Visit [www.doctors-ai.org](http://www.doctors-ai.org) for more details.

## Indian Society of Critical Care Medicine (ISCCM)

The Indian Society of Critical Care Medicine (ISCCM) is the leading professional body dedicated to advancing the science and practice of intensive care in India. Through education, research, guidelines, and multidisciplinary collaboration, ISCCM supports critical care specialists and hospitals in delivering high-quality, evidence-based care to critically ill patients across the country.

## Expected Career Outcomes

- Upskill professionals to lead transformations in healthcare using AI and analytics.
- Facilitate career growth for freshers and experienced professionals in healthcare data analytics.
- Enable support service providers to progress in healthcare-focused AI applications.

## Apply Now

[Click Here to Register your interest with ISCCM Office](#)

## Admissions Are Open!

 **Extended Last Date for Admission : 15th December 2025**

- [Click here](#) to visit our website.
- Email: [office@doctors-ai.org](mailto:office@doctors-ai.org) | [ccaим.doctors.ai@gmail.com](mailto:ccaim.doctors.ai@gmail.com)
- For Admissions or Queries Call: **+91-86177-95019**

Certified by **The Healthcare Sector Skill Council, Government of India**, Exclusively as a Competency Enhancement Program

**Transform your career today with AI in medicine!**