



KAMARAJ IAS ACADEMY
Only IAS Academy by Grandson of "Perunthalaivar Kamarajar"

IndiaAI–ICMR Partnership for Responsible AI in Healthcare

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IndiaAI and the Indian Council of Medical Research (ICMR) signed a Memorandum of Understanding (MoU) to promote the responsible and scalable use of Artificial Intelligence (AI) in India's healthcare sector.?

Key Highlights of the MoU:

Objective of the Agreement:

To accelerate the adoption of AI-driven healthcare solutions in India.

To improve public health outcomes through ethical and secure AI deployment.

To build a nationally integrated and interoperable AI ecosystem for healthcare and biomedical research.

Role of the Institutions:

IndiaAI:

Functions under the Ministry of Electronics and Information Technology (MeitY).

Provides technological infrastructure, AI tools, and innovation support.

ICMR:

India's apex body for biomedical research.

Will provide disease burden data, healthcare expertise, and research support for AI-based healthcare solutions.

Formation: 1911

Kamaraj IAS Academy

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Phone: 044 4353 9988 / 98403 94477 / Whatsapp : 09710729833

Headquarters: New Delhi, India

Director General: Rajiv Bahl

Areas of Collaboration:

AI-Based Healthcare Solutions

The partnership will focus on:

Disease prediction and diagnostics

Public health surveillance

Digital healthcare systems

Biomedical research support

AI-assisted decision-making tools for clinicians

Ethical and Responsible AI

Special emphasis will be placed on:

Data privacy and security

Ethical AI governance

Regulatory compliance

Transparency and accountability in AI systems

International Dimension:

HealthAI Global Regulatory Network (GRN)

IndiaAI and ICMR's National Institute for Research in Digital Health and Data Sciences (NIRDHDS) were recognised as Pioneer Countries under the HealthAI GRN initiative.

The initiative is co-founded by the United Kingdom and Singapore to promote responsible governance of AI in healthcare globally.

Significance for India:

Strengthening Digital Health Ecosystem:

Supports India's digital health mission and AI innovation ecosystem.

Enhances healthcare accessibility and efficiency, especially in underserved regions.

Boost to Research and Innovation:

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Encourages collaboration between technology experts and medical researchers.

Promotes indigenous AI solutions for India-specific healthcare challenges.

Global Leadership in Responsible AI

Positions India as an important stakeholder in global AI governance and healthcare technology regulation.

Challenges Associated with AI in Healthcare:

Data privacy concerns

Algorithmic bias and ethical risks

Lack of digital infrastructure in rural areas

Need for skilled AI workforce in healthcare

Regulatory and accountability issues

Government Initiatives Related to AI in India:

IndiaAI Mission

National Digital Health Mission (NDHM)

Responsible AI for Youth Programme

AI Centres of Excellence

Strategy for Artificial Intelligence in Healthcare (SAHI)