STP ON BIOETHICS

10TH NBC – PRECONFERENCE WORKSHOP

ARTIFICIAL INTELLIGENCE
IN HEALTHCARE

Learning together towards responsible AI

28 & 29 Jan, 2025
10:00 AM to 5:00 PM
Biotech Department (Block-1), IIT Madras

Forum for Medical Ethics Society
nbc
National Bioethics Conference

Main Conference:
Dates: March 28th & 29th
April 3rd & 4th, 2025
Time: Between 2:30 PM to 7:30 PM

Scope of the programme:

To educate participants on legal and ethical issues related to AI in healthcare (personal data protection bill) for ensuring patient data security in AI applications.

To promote an ongoing dialogue among participants about the regulatory and responsible practices, ensuring they remain informed in a rapidly evolving AI landscape.

Participants:

- Chief Executives, Data & Analytics Officers
- Technologist, Engineers, Developers & IT Managers
- Policy Makers, Regulators & Start-up entrepreneurs
- Academic Staff, Researchers & Ethical scholars

Registration:

- https://code.iitm.ac.in/code-programs/STP_Bioethics2025/
- Register before 5:00pm on 15.01.2025.

Note:
- Registration kit, Refreshments, Lunch &Certificate will be issued for the registered participants.
- Travel and Accommodation – Not included.

Organizers

ijme Indian Journal of Medical Ethics
FMES Forum for Medical Ethics Society
HEaL Health, Ethics, and Law

IIT Madras, CMC Vellore, IJME & Forum for Medical Ethics Society, Mumbai
Contact us: 044-22574929 Email Id: iec@iitm.ac.in
Visit our websites: IITM-IEC : https://www.iitm.ac.in/the-institute/administration/institutional-ethics-committee
NBC: https://ijme.in/nbc-20140321/index.php/nbc-8/index/pages/view/home

Distinguished Speakers - Pre-Conference Workshop January 28-29, 2025

AI and digital technologies development in academic settings and beyond: An Overview of AI in Healthcare –A Clinician's perspective

Dr. Krishnan Ganapathy

The Director of Apollo Telemedicine Networking Foundation & Apollo Tele Health Services, Chennai; Distinguished Professor, Tamil Nadu Dr. MGR Medical University Chennai; Distinguished Visiting Professor, IIT Kanpur and Emeritus Professor, National Academy of Medical Sciences

Guardrails for safeguarding privacy in health-AI technology space: Do we need newer thinking?

Dr. Madhav Deshpande

Computer scientist, former advisor to the Obama Administration, four decades of experience in computer science space in public and private sectors.

AI model for precise detection of gestation age to predict preterm birth: Responding to the issue of pre-term births, reducing maternal and child mortality in India: What, how, and why?

Dr. Himanshu Sinha

Professor, Department of Biotechnology, IIT Madras. In collaboration with clinical partners, the Translational Health Science and Technology Institute, are analysing the GARBH-Ini cohort, a hospital-based observational pregnancy cohort to study multidimensional correlates of preterm birth in India.

AI models to diagnose congenital disabilities: Responding to and addressing miscarriages

Dr. Suresh Seshadri, IITM

Professor of Practice, Department of Medical Sciences & Technology at IIT Madras; Director, Mediscan Systems, Chennai, TN, India. Dr Seshadri is a pioneer in diagnostic ultrasound imaging in India. He was instrumental in establishing fetal medicine as a speciality through the Foetal Care Research Foundation (FCRF), a non-profit organisation focused on specialised care in foetal medicine

AI assisted bio-photonics for medical diagnosis

Dr. Sujatha N, IITM

Professor, Department of Applied Mechanics at IIT Madras. Dr Sujatha's research focuses on developing non-invasive tools based on optical principles for disease diagnosis

Widely deployed and used AI healthcare interventions in clinical care settings: Opportunities and challenges

Dr. Balu Krishna Sasidharan

Professor & Head, Department of Radiation Oncology at CMC Vellore. Currently, he heads the Quantitative Image Analyses and Artificial Intelligence Lab (QIRAIL) and leads clinical side of AI projects on quantitative imaging and prognostic models

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AI interventions to respond to pressing public health matters: Maternal and child health
Dr. Amrita Mahale

Director of Product & Innovation at ARMMAN, where she is responsible for creating a human-centred, data-driven and evidence-based innovation process across ARMMAN's portfolio of programs in maternal & child health that have served over 50 million women. Head of Ideation & Incubation at Wadhwani AI. B.Tech in Aerospace Engineering from IIT Bombay & MS in Aeronautics & Astronautics from Stanford University.

Health-AI players navigating through the uncertainty to meet legal and regulatory obligations
Dr. Krishna Ravi Srinivas

Adjunct Professor at NALSAR University of Law, Hyderabad; Consultant with Research and Information System (RIS) in Developing Countries and Managing Editor of a journal titled Asian Biotechnology and Development Review (ABDR); affiliated with the Science, Technology & Innovation Program, RIS; and affiliated to the Centre for Responsible AI at IIT Madras.

The DPDP Act 2023 and appreciating interfacing of law, regulations, ethics and human rights: A deep dive
Ms. Shivangi Rai

Centre for Health Equity, Law & Policy (C-HELP), Indian Law Society (ILS), Pune, MH, India. The C-HELP team has a long-standing deeper engagement with the legal and regulatory frameworks related to data, privacy, and related matters which has direct bearing on the government's digital health mission, AI health care technologies and their interfacing.

The DPDP Act 2023 and appreciating interfacing of law, regulations, ethics and human rights: A deep dive
Ms. Shefali Malhotra

Centre for Health Equity, Law & Policy (C-HELP), Indian Law Society (ILS), Pune, MH, India. The C-HELP team has a long-standing deeper engagement with the legal and regulatory frameworks related to data, privacy, and related matters which has direct bearing on the government's digital health mission, AI health care technologies and their interfacing.

Multistakeholder perspectives regarding backend processes, challenges, and opportunities: Insights from pan-Indian empirical research
Dr. Amrita Sengupta

Research and Programme Lead, is a Research and Programme Lead at CIS. Her research interests and work lie in the areas of gender and technology, digital cultures, ethics in research methods, digital access, algorithmic biases and tech design, and sustainability and tech.

ICMR's Ethical Guidelines for Application of Artificial Intelligence in Biomedical Research and Healthcare, 2023
Dr. Roli Mathur

Scientist G, Head, ICMR-Bioethics Unit, Bengaluru, KA, India

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AI health care technologies: Critical insights from ethics and human rights perspectives
Dr. Manjulika Vaz
A Social Scientist with over two decades of work with the social development sector. She is presently a researcher and faculty member, Health and Humanities Division, St John's Research Institute at the St John's National Academy of Health Sciences, Bangalore, KA, India

AI health care technologies: Critical insights from ethics and human rights perspectives
Dr. Sunita Sheel
An anthropologist and a bioethicist by training; and Secretary General, Forum for Medical Ethics Society (FMES); Working Editor, Indian Journal of Medical Ethics (IJME), Pune-Mumbai, MH, India.

AI health care technologies: Critical insights from ethics and human rights perspectives
Dr. Sayantan Datta,
Assistant Professor of Practice at the Centre for Writing and Pedagogy, Krea University, and an award-winning science journalist.

AI Governance framework for India: An indigenous approach rooted in the broader 'less than perfect' ecosystem of AI development and deployment in India
Dr. Sambhavi Naik
Takshashila Institute, Bangalore, KA, India, an independent centre for research and education in public policy. Shambhavi Naik is the Head of Research and the chairperson of the Advanced Biology programme. Bharath Reddy is an Associate Fellow of the High-Tech Geopolitics programme, and Rijesh Panicker is a Fellow of the HighTech Geopolitics programme

AI in healthcare – Key Considerations for Governance
Ms. Anita Gurumurthy
Founding member and executive director of IT for Change (ITfC) where she leads research on the platform economy, data and AI governance, democracy in the digital age, and feminist frameworks on digital justice. Anita actively engages in national and international advocacy on digital rights and contributes regularly to academic and media spaces.

Contact us: 044-22574929 Email Id: iec@iitm.ac.in
Visit our websites: IITM-IEC : https://www.iitm.ac.in/the-institute/administration/institutional-ethics-committee
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