

About the conference:

CALL FOR PAPERS

Organized by: Department of Computer Science & Engineering (NBA Accredited), Guru Nanak Institute of Technology, Kolkata, India (NAAC 'A+' Accredited | Under MAKAUT, WB)

Technically Co-sponsored by: IEEE Kolkata Section

Conference Highlights: **Mode:** Hybrid, **Venue:** Guru Nanak Institute of Technology, Kolkata, India & **Dates:** February 26-27, 2027

About ADSoc6.0: At ADSoc6.0, leaders in AI and healthcare will explore groundbreaking technologies and strategies for advancing smart healthcare. This conference aims to foster collaborations, showcase the latest innovations, and discuss practical solutions to real-world healthcare challenges. Engage with experts, share insights, and be part of the movement towards a smarter, more responsive healthcare system.

Accepted Contributions: All accepted papers will be subject to IEEE standard review processes and conference publishing guidelines. Only papers that are both accepted and presented will be published in the ADSOC6.0 proceedings and submitted for inclusion in IEEE Xplore. IEEE reserves the right to exclude a submission from distribution after the conference, including exclusion from IEEE Xplore, if the submission does not meet IEEE's standards for scope and/or quality.

Call for Papers: Submission details and guidelines available on our conference website.

Ready to Submit Your Publication? It's just a matter of one click. Visit our website for easy submission and conference registration details. Prospective authors are requested to submit their manuscript in PDF not exceeding 6 pages in IEEE Conference Template. Please refer to the Author's guidelines: <https://www.adsoc6.in/conference/guidelines>

THEMES AND TOPICS

AdSoc 6.0 — 2027 AI-Driven Smart Healthcare for Society

01 AI & Machine Learning in Healthcare Explainable AI Deep Learning Predictive Analytics Reinforcement Learning Generative AI / LLMs Federated ML	02 Smart Healthcare Systems Smart Hospitals Remote Monitoring Emergency AI Precision Medicine Connected Care Clinical IoT	03 Internet of Medical Things (IoMT) Wearables Edge AI WBAN Biosensors Real-time Data Implantables	04 Society 6.0 & Digital Healthcare Transformation Human-Centric AI Sustainability Rural Healthcare Ethical AI Inclusive Tech Digital Equity
05 Medical Image & Signal Processing Radiology AI MRI / CT / X-ray Computer Vision Pathology AI Signal Analysis Early Detection	06 Cybersecurity & Privacy in Healthcare Blockchain EHR Privacy-Preserving AI Secure Cloud Data Governance Homomorphic Encryption Zero Trust	07 Big Data & Healthcare Informatics EHR Analytics CDSS Recommender Systems Epidemiology Knowledge Graphs Health Informatics	08 Robotics & Automation in Healthcare Surgical Robots Rehab Robotics Assistive Systems HRI Tele-surgery Autonomous Care
09 Cloud, Edge & Fog Computing Federated Learning Edge Intelligence Fog Computing Distributed Analytics Low-Latency AI 5G/6G Health	10 Emerging Technologies in Healthcare Digital Twins Metaverse AR / VR Training Quantum Computing 6G Healthcare Neuromorphic AI	11 Public Health & Healthcare Policy Epidemic Prediction Health Equity Policy AI One Health Sustainable Health Vaccine Analytics	



Important Dates:

Registration Fees

Submit Papers

Please submit your papers using the following link:
<https://cmt3.research.microsoft.com/ADSoc2027>



Alternatively, scan the QR code to submit your paper.

Participants	Academic	Industry
National Participants (Non-IEEE Member)	7000 INR	7500 INR
National Participants (IEEE Member)	6500 INR	7000 INR
International Participants	125 USD	150 USD

Full Paper Submission Extended Till:
2026-10-30

Notification of Acceptance Date: **2026-11-30**

Final Paper Submission Date : **2026-12-31**