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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.

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THEMES AND TOPICS

AdSoc 6.0 — 2027 AI-Driven Smart Healthcare for Society

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

Important Dates:

Abstract Submission Date: 2026-05-31
Full Paper Submission Date: 2026-07-15
Notification of Acceptance Date: 2026-11-30
Final Paper Submission Date: 2026-12-31

Registration Fees

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

Submit Papers

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



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