***IEEE-International Conference on Advanced Materials for Sustainable Clean Energy and Healthcare Technologies 2026 (AMSCEHT-2026)***

(Conference with IEEE Record Number **#69651**)

***11-13 September 2026***

*(Hybrid Mode)*

## Special Session on

### Special Session 06: Next Generation Applications of Explainable Artificial Intelligence and Agentic AI in Healthcare

*Organized & Co-Chaired by:*

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## CALL FOR PAPERS

This session focuses on the applications of ML and IoT in Sustainable Healthcare. This session explores the applications of artificial intelligence, machine learning, the Internet of Things, and sustainability in the field of analytics in Healthcare. The implementation of robotics and blockchain is also explored in this track. The human-centric approach is also explored in the track in analytics and Healthcare. In this rapidly evolving era, digital-driven AI plays a crucial role in understanding patients. The healthcare domain encompasses advanced analytics, where the concepts of AI, ML, and IoT can be effectively applied.

## TOPICS OF INTEREST, BUT NOT LIMITED TO:

This special session invites original research papers, case studies, and review articles on, but not limited to, the following topics:

1. Artificial Intelligence and Machine Learning in Healthcare
2. Applications of IoT Healthcare
3. Emerging Technologies Integration
4. Data-driven Analytics and Innovations
5. Applications of Robotics in Healthcare
6. Blockchain and its Applications in Patient Tracking
7. Machine Learning in Analytics
8. Sustainability and AI in healthcare
9. Human-Centric Automation in Healthcare
10. Digital Transformation in Industry 6.0
11. Applications of Agentic AI in healthcare

## IMPORTANT DATES:

**Paper submission opens: November 1, 2025**
**Paper submission closes: June 10, 2026**
**Paper acceptance notification: July 10, 2026**
**Registration deadline: July 20, 2026**
**Last Date of Camera-ready paper submission: August 10, 2026**
**Conference Date: 11-13 September 2026**
*(Note: Authors can register only after their papers have been accepted)*

The detailed information can be found here:

**Conference URL:** https://amsceht2026.opju.ac.in/

**Paper Submission Link:** https://cmt3.research.microsoft.com/AMSCEHT2026

(Please Submit Under **Special Session 06: Next Generation Applications of Explainable Artificial Intelligence and Agentic AI in Healthcare.**

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