IEEE
MADHYA PRADESH SECTION

AMSCEHT-2026

OP JINDAL UNIVERSITY
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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 09: Materials Intelligence: AI, Nanotechnology, and Sustainable Energy Convergence

Organized & Co-Chaired by:

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CALL FOR PAPERS:

This special session aims to bring together researchers, academicians, industrial professionals, and technologists to exchange recent advancements in AI-enabled smart materials that contribute to a sustainable energy ecosystem and next-generation healthcare technologies. The session encourages submissions focused on computational modeling, machine learning guided material design, digital twins, biosensing platforms, eco-friendly materials, and real-world deployment challenges. The rapid convergence of Artificial Intelligence (AI), advanced materials, and sustainable technologies is opening new frontiers in clean energy and healthcare innovation.

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:

- AI and Computational Design of Materials
- Advanced Energy Storage Materials
- Nanomaterials for Sustainable Clean Energy
- 2D and Quantum Materials for Emerging Technologies
- Materials for Carbon Capture, Utilization & Storage (CCUS)
- Smart Materials and Adaptive Systems
- Advanced Coatings and Surface Engineering
- Materials for Environmental Sustainability

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

(Submit Under **Special Session 09: Materials Intelligence: AI, Nanotechnology, and Sustainable Energy Convergence**

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