



International Conference on Green Technology, Manufacturing and Sustainable Development, ICGTMSD 2026

Organised by
Department of Mechanical Engineering
Abacus Institute of Engineering & Management, Magra, Hooghly

About the Conference

The International Conference on Green Technology, Manufacturing and Sustainable Development (ICGTMSD 2026) is an international forum dedicated to promoting research, innovation, and collaboration in the fields of green technology, advanced manufacturing, and sustainable development. The conference aims to bring together academicians, researchers, scientists, industry professionals, and students from around the world to share knowledge, discuss emerging trends, and explore sustainable solutions to global technological and environmental challenges. ICGTMSD 2026 will feature keynote lectures, technical sessions, and interactive discussions on topics including renewable energy, smart manufacturing, sustainable materials, energy-efficient systems, Industry 4.0, environmental management, and eco-friendly engineering practices. The conference seeks to strengthen the connection between academia and industry while encouraging interdisciplinary research and technological advancements for sustainable growth. Through knowledge exchange and collaborative engagement, ICGTMSD 2026 aspires to contribute towards building a greener, smarter, and more sustainable future for society and industry.

The scope of the conference includes, but is not limited to:

Track 1: Sustainable Manufacturing, Materials, and Intelligent Industrial Systems

1. Green and Sustainable Manufacturing Systems
2. Advanced Manufacturing Processes and Additive Manufacturing (3D Printing)
3. Industry 4.0, Smart Factories and Digital Manufacturing
4. Artificial Intelligence and Machine Learning in Manufacturing
5. Industrial Internet of Things (IIoT) and Cyber-Physical Systems
6. Sustainable Product Design and Development
7. Advanced Materials, Composites, and Smart Materials
8. Digital Twin Technology and Predictive Maintenance
9. Robotics, Automation, and Intelligent Production Systems
10. Circular Economy, Resource Efficiency and Net-Zero Manufacturing

Track 2: Renewable Energy and Green Technologies

1. Renewable Energy Systems and Green Technologies
2. Hydrogen Energy, Fuel Cells, and Green Hydrogen Production
3. Energy Conversion, Energy Storage, and Energy Management Systems
4. Thermal Engineering, Heat Transfer, and Thermal Energy Storage
5. Computational Fluid Dynamics (CFD) and Fluid Engineering Applications
6. Electric Vehicles (EVs), Hybrid Vehicles, and Sustainable Mobility
7. Alternative Fuels, Biofuels, and Low-Carbon Technologies
8. Smart Mechanical Systems, Mechatronics and Control Engineering
9. Sustainable Infrastructure, Green Buildings, and Smart Cities
10. Climate Change Mitigation, Carbon Neutrality, and Sustainable Development Technologies

Full Paper Submission	25th August 2026 5th September 2026
Acceptance Notification	30th September 2026
Early Bird Registration	10th October 2026
Camera Ready Full Paper Submission	6th November 2026
Conference Date	20th & 21st November, 2026

CATEGORY	INDIA		FOREIGN	
	EARLY BIRD	REGULAR	EARLY BIRD	REGULAR
Academician	7500 INR	8500 INR	150 USD	200 USD
Industry Professionals	8500 INR	9500 INR	200 USD	250 USD
Attendee	1500 INR	2000 INR	50 USD	100 USD
At least one author of each ACCEPTED paper should register and participate in the conference to present their paper.				

The paper must be 10-12 pages in length (including all text, figures and references) as per the Format given in the website. (only MS Word format is accepted).

The similarity index must be less than 12% and no AI generated content will be considered. All the manuscript will be subjected to peer review.

The proceedings of ICGTMSD 2026 will be published in the "Advances in Engineering Research" book series by Atlantis Press, a part of Springer Nature. All accepted and registered papers, after a rigorous peer-review process, will be included in the conference proceedings.

20th & 21st November, 2026
AIEM, Mogra Campus



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Conference Website:
<https://www.abacusinstitute.org/icgtmsd/>

Submission Link:
<https://cmt3.research.microsoft.com/ICGTMSD2026/>