INTERNATIONAL CONFERENCE ON NEXT-GEN MATERIALS FOR SUSTAINABLE DEVELOPMENT (ICNMSD-2026)

October 8-9, 2026

ORGANISING COMMITTEES

CHIEF PATRON

S. Rashpal Singh Dhaliwal Chancellor, CGC University, Mohali, Punjab, India.

Mr. Arsh Dhaliwal Managing Director, CGC University, Mohali, Punjab, India.

Prof. Dr. Ing. Habil Suchart Siengchin, Director Techno Park, KMUTNB, Thailand

PATRON

Dr. Vinay Kumar Goyal, Executive Director, CGC University, Mohali

Dr. Anupam Sharma, Registrar CGC University, Mohali

Dr. Anish Gupta, Director Academics, CGC University, Mohali

Dr. Sandeep Singh, Dean Research, CGC University, Mohali

Dr. Sanjay Mavinkere Rangappa, Principal Research Scientist, KMUTNB, Thailand.

CONFERENCE CHAIR

Dr. Sajjan Singh, Principal, CCE, Jhanjeri, Mohali.

CONFERENCE CONVENORS

Dr. Anamol Gautam, Professor, Department of Applied Sciences, CGC University, Mohali, Punjab, India.

Dr. Mohit Kumar, Research Scientist, KMUTNB, Thailand.

CO-CONVENOR

Dr. Parveen Kumar, Assistant Professor, CGC University, Mohali.

Dr. Sachin Kumar, Assistant Professor, CGC University, Mohali.

ABOUT CGC UNIVERSITY, MOHALI

CGC University, Mohali was established in 2025 under the aegis of the Chandigarh Educational Society. Backed by a legacy of over 25+ years in delivering excellence in education, the institution has transformed into a full-fledged university while upholding its strong academic foundation and commitment to student success.

Under its previous identity as Chandigarh Group of Colleges, Jhanjeri, the institution earned the prestigious NAAC A+ accreditation with an impressive CGPA of 3.46/4.0, reflecting its high standards in teaching, research, and overall institutional performance.

With experienced faculty, modern infrastructure and a commitment to innovation, CGC University, Mohali aims to deliver quality higher education at affordable fees. It emphasizes practical learning and industry readiness which makes it a preferred destination for students across the country.

CALL FOR PAPERS

Prospective authors are encouraged to submit their original, unpublished research article (which is not under review in any other conference/ Journal) under the given tracks in the specified format through the CMT for publication in the ICNMSD-2026. Submissions must be plagiarisms free. All submissions must be in English only. The paper template can be downloaded from the link given below.

Delegates	**Registration Fee** (For Participation only)
UG/PG students	6,000 (INR)
Research Scholar/Academicians	8,000 (INR)
Corporate/Industry	10,000 (INR)
Foreign Delegates	200 (USD)

REGISTRATION FEES CAN BE PAID THROUGH NEFT/ONLINE TO:

Account Name	**Chandigarh Engineering College, R&D**
Bank Name	State Bank of India
Account Number	41809014534
IFSC Code	SBIN0017008
MICR Code	160002082
Bank Name &Address	Jhanjeri, Sirhind Road 140307

ABOUT THE CONFERENCE

The 1st International Conference on Next-Gen Materials for Sustainable Development (ICNMSD-2026) is a premier platform dedicated to advancing research, innovation and collaboration in the field of materials science with a focus on sustainability. This conference brings together leading scientists, engineers, industry experts and academicians from around the globe to share insights on cutting-edge materials, renewable energy applications and environmentally friendly technologies. ICNMSD-2026 aims to foster interdisciplinary discussions, highlight recent breakthroughs and explore practical solutions for sustainable development challenges. Attendees will have the opportunity to engage in keynote sessions, technical presentations and interactive workshops, making it a vibrant hub for knowledge exchange and future collaborations in next-generation materials.

ABOUT DEPARTMENT OF APPLIED SCIENCES

The Department of Applied Sciences at CGC University, Mohali is recognized as a hub of excellence in technical education, innovation, and industry-focused learning. It offers undergraduate and postgraduate programs that equip students with a strong grounding in thermal engineering, design, manufacturing, fluid mechanics, robotics, and emerging technologies. Supported by a highly qualified faculty, state-of-the-art laboratories, and an industry-aligned curriculum, the department is committed to developing skilled engineers and researchers capable of addressing global engineering challenges. In addition to academic rigor, the department fosters innovation, research, and entrepreneurship, preparing students for leadership roles in sectors such as automotive, aerospace, energy, and advanced manufacturing systems.

FOR MORE DETAIL THE CONFERENCE PLEASE VISIT:

FOR ENQUIRY, PLEASE CONTACT AT

Dr. Anamol Gautam, 94178-95910
Dr. Parveen Kumar, 98154-12949
Dr. Sachin Kumar, 98765-14051

INTERNATIONAL CONFERENCE ON NEXT-GEN MATERIALS FOR SUSTAINABLE DEVELOPMENT (ICNMSD-2026)

Dr. Amritpal Kaur, Assistant Professor, CGC University, Mohali, Punjab, India
Dr. Gaurav Arora, Research Scientist, KMUTNB, Thailand.
Dr. Vinod Ayyapan, Research Scientist, KMUTNB, Thailand.
Dr. Manoj Kumar, Research Scientist, KMUTNB, Thailand.
Dr. Sathish Kumar Palaniappan, Research Scientist, KMUTNB, Thailand.
Dr. Poonam Uniyal, Professor Thapar University, Patiala, Punjab, India
Dr Rajesh Kumar , Associate Professor**,** Punjab University, Chandigarh, India

ORGANISING TEAM
Dr. Arvind Kumar
Dr. Varinder Singh
Dr. Kapil Sharma
Ms. Sanya Batra
Dr. Jaya Bansal
Dr. Vandana
Dr. Preetinder
Ms. Ayushi
Dr. Akshita
Dr. Ankush

CONFERENCE TRACKS:

Track 1: Innovative Materials & Techniques for Green Transitions

- Advanced Materials for Clean and Renewable Energy
- Functional and Smart Materials for Energy Efficiency
- Green Manufacturing and Low-Carbon Processing Technologies
- Circular Economy Materials: Recycling, Reuse, and Upcycling

Track 2: Computational Materials Science and Multiscale Modelling

- Machine learning and AI for materials prediction
- Simulation of mechanical, thermal, and transport properties
- High-performance computing for materials simulations
- Simulation of mechanical, thermal, and transport properties

Track 3: Advanced Functional Materials for Energy Applications

- Materials for solar cells, batteries, supercapacitors
- Hydrogen storage and fuel cell materials
- Thermoelectric and energy-harvesting materials

Track 4: Nanomaterials and Nanotechnology for Sustainability

- Green synthesis of nanomaterials
- Nano-enabled environmental remediation
- Nanomaterials for energy, water, and healthcare

Track 5: Materials for Environmental Protection and Water Treatment

- Adsorbents and membranes for water purification
- Catalysts for pollution control
- Carbon capture and sequestration materials