



## 1<sup>st</sup> INTERNATIONAL CONFERENCE ON GREEN TECHNOLOGY AND SUSTAINABILITY (ICGTS 2024)

January 30<sup>th</sup> -31<sup>st</sup>, 2024

**MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY**

**Department of Mechanical Engineering**

Maharaja Agrasen Institute of Technology (MAIT), in collaboration with NIT Delhi, University of Veracruz Mexico, and IGDTUW Delhi inaugurated the 1<sup>st</sup> International Conference on Green Technology and Sustainability-2024 (ICGTS 2024) on January 30th, 2024. The two-day event, held at the MAIT campus, witnessed the enthusiastic participation of over 200 scholars and professionals from various prestigious institutions across the world.

Distinguished personalities including Emeritus Prof. Prem Vrat (IIT Delhi), Dr. N K Garg (Founder and Chief Advisor, MATEE), Er. R.K. Gupta (Vice Chairman, MATEE), Sh. Rajnish Gupta (Secretary, MATEE), Prof. Neelam Sharma (Director, MAIT), Prof. S S Deswal (Dean Academics, MAIT), Prof. Sachin Gupta (Dean Research & Innovation, MAIT), Brig. S K Kakar (Director CDC, MAIT), and other esteemed figures inaugurated the conference. Notable representatives from renowned institutions such as Prof. Rajiv Chaudhary, Prof. Ranganath M Singari, and Dr. Anil Kumar from DTU Delhi; Prof. N R Chauhan, Prof. O K Singh, and Prof. Manoj Soni from IGDTUW Delhi; Dr. Gaurav Aggarwal from DST; Dr. Anurag Dixit and Dr. Rishu Sharma from DSEU Delhi; Prof. Arvind Gupta from JCBUST Faridabad; Dr. Leeladhar Nagdeve from NIT Delhi, and Dr. Amit Sharma from DCRUST Murthal were also present.

The conference received proud sponsorship from DRDO, India, underscoring the significance and backing for efforts promoting progress in green technologies and sustainability.

Dr. N K Garg addressed the gathering by highlighting the importance of the mechanical engineering branch, emphasizing its pivotal role in shaping sustainable technologies for the future. He urged attendees to "Be a catalyst to the positive changes. Use of social media for positive changes must be actively undertaken by educationalists."

The conference received substantial response, with a total of 151 papers submitted for consideration. After an intensive selection procedure, 63 papers were chosen for technical sessions, and 38 papers were selected for poster sessions, reflecting the high quality and relevance of research in the field of green technologies and sustainability.

Dr. Vaibhav Jain, Convenor of ICGTS 2024, delivered an insightful address highlighting the significance and potential benefits of the conference. The conference featured four plenary sessions, where distinguished national and international speakers from renowned

organizations shared their expertise and insights on pertinent issues related to green technologies and sustainability. Notable speakers included Prof. Prem Vrat, Dr. Sanjay Sengupta from CSIR Delhi, Prof. David NV from UiTM Malaysia, Ms. Roberta Bernasconi from Sherwin Williams, and Prof. Dario Colorado Garrido from the University of Veracruz Mexico. Additionally, six technical sessions and a poster session provided a platform for researchers from academia and industries to showcase their innovative research endeavours and exchange ideas on pressing environmental challenges. In recognition of outstanding contributions, 4 best papers and 3 best poster presentations were awarded during the conference, highlighting exemplary research and innovation in the domain.

The conference concluded on a positive tone with Prof. Vednath Mathur, Convenor of ICGTS 2024, delivering the vote of thanks, and expressing gratitude to all participants, speakers, sponsors, and organizers for their invaluable contributions to making ICGTS 2024 a resounding success.



# Maharaja Agrasen Institute of Technology

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Organised by

Department of Mechanical Engineering, Department of Mechanical & Automation Engineering

Sponsored by

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SHALIMAR PAINTS



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