



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY

NCSEEMMT - 2024

National Conference on
**Sustainable Energy, Environment,
Molecules, Materials and Technologies**

Under

DST-PURSE



22- 23 October 2024

Organized by

Doon University



Venue: Dr. Nityanand Himalayan Research & Study Centre, Doon University Campus, Dehradun, Uttarakhand (INDIA)

About the Conference

The national Conference on Sustainable Energy, Environment, Molecules, Materials and Technologies is a platform for researchers, academicians, and industry professionals to discuss innovative solutions and advancements in the fields of energy, environment and materials / molecules. This conference focuses on cutting-edge experimental and computational/theoretical research in various areas including (but not limited to) material science, nanotechnology, energy, electrocatalysis, Li and Na ion batteries, electrocatalysis, mathematical modelling, catalysis, environmental science and green materials, among others. The event will provide opportunities for interdisciplinary collaborations and networking aimed at addressing global challenges related to sustainability and technological innovation. Additionally, the conference will focus on sustainable development, including climate adaptation strategies and natural hazard mitigation, particularly in regions like the Uttarakhand Himalayas. Overall, this conference will serve as a comprehensive forum for exchanging knowledge and promoting cutting-edge research in the context of sustainability.

About Doon University Dehradun

Doon University, located in Dehradun (Uttarakhand, India) is a reputed state university known for its academic excellence and scenic campus nestled in the foothills of the Himalayas. Established in 2005, the university offers diverse programs across disciplines such as physical sciences, environmental science, management, social sciences, and languages. With a strong emphasis on research, innovation and sustainability, Doon University aims at fostering a vibrant academic environment that nurtures future leaders and professionals equipped to address global challenges.

Conference Themes

1. Nanomaterials and Nanotechnology
2. Green Materials & Green Chemistry
3. Polymers and Composites
4. Batteries and Solid Electrolyte Materials
5. Computational Materials Science
6. Solid Waste Management
7. Mathematical Modelling and Computational Biology
8. Approximation Theory and Optimization Techniques
9. Pollution
10. AI and Cybersecurity
11. Natural Hazard Prediction and Mitigation for Sustainable Environment
12. Sustainable Development and Climate Adaptation in the Uttarakhand Himalaya
13. Climate Modelling
14. Waste Water Treatment and Water Remediation
15. Biomaterials, Biosensors and Medical Devices
16. Advanced Bio-Materials, Bio-devices and Tissue Engineering
17. Carbon Nanostructures, Graphene and 2D Materials
18. Energy, Advanced Energy Materials and Energy Harvesting Materials, Catalysis
19. Hydrogen Energy and Fuel Cell
20. Circular Economy: linking food - water nexus in the Himalayas
21. Building resilience with nature: nature - based solutions for disaster risk reduction the Himalayas

Important Dates

- **Registration** 30 Sep 2024
- **Abstract Submission** 05 Oct 2024
- **Abstract Acceptance** 10 Oct 2024

Registration and Abstract Submission Link



<https://forms.gle/n2NM8xS4sF5w8JvP9>

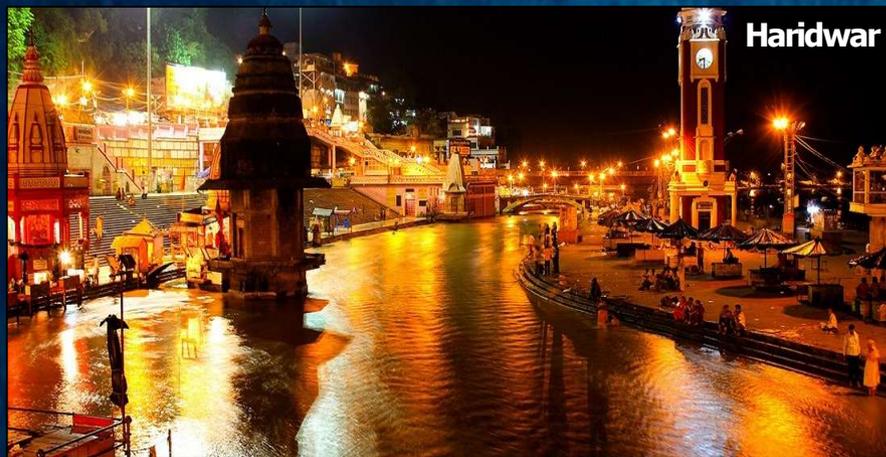
Registration Fee:

Category	Registration Fee	Spot Registration (INR)
Indian Delegates	Rs. 2000	Rs. 2500
Students and Post-Doctoral Researchers	Rs. 1500	Rs. 2000
Foreign Delegates	USD 100	USD 200
Industry Delegates	Rs. 4000	Rs. 4500

Travel Information

Dehradun is located in Doon valley on the foot hills of Himalayas . It is well connected with the other states through air, road and train. The distance between ISBT Dehradun and Doon University is 06 Kms. It takes nearly 20 minutes to travel from ISBT Dehradun to the University. The nearest airport is Jolly Grant Airport, located 35 KMS from the city. This airport offers good connectivity to Delhi, Mumbai, Lucknow, Goa, Jaipur, Hyderabad, and Bengaluru. The University is 08 KMS far from Dehradun railway station, which is well connected to other cities and states.

Dehradun is well known city due to the presence of academic and research institutions such as Indian Military Academy (IMA), Forest Research Institute (FRI), Wadia Institute of Himalayan Geology (WIHG), CSIR – Indian Institute of Petroleum (IIP), DRDO – IRDE and Indian Institute of Remote Sensing (IIRS).



Haridwar



Buddha Temple



Forest Research Institute



Patron
Prof. Surekha Dangwal
Vice-Chancellor, Doon University

Organizing Committee

Prof. Kusum Arunachalam, SENR

Dr. Suneet Naithani, SENR

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Prof. S.S. Suthar, SENR

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Dr. Vikas Sharma, Physics

Dr. Asharam Gairola, Maths

Dr. Komal, Mathematics

Dr. Preeti Mishra, CS

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