



VIII International Conference  
on  
**Sustainable Energy and Environmental Challenges (VIII SEEC)**  
4<sup>th</sup> December 2023 to 6<sup>th</sup> December 2023



Organized by  
**Malaviya National Institute of Technology Jaipur,  
Jaipur, Rajasthan, India**



Under the auspices of  
**International Society for Energy, Environment and  
Sustainability (ISEES)**

### About the Conference

The conference, VIII SEEC will be organized to promote research and outreach programs in India through scientific deliberations like keynote addresses and oral presentations. This conference will bring together engineers, scientists, researchers, students, and other professionals in order to address and discuss emerging sustainable energy and environmental issues. It will provide platforms for physicists, chemists, engineers, and biologists for critical discussion in key areas of energy and environmental sciences. Environmental sciences research should contribute to understand the major problems in recent days arising due to extensive agriculture, industrial, transportation, and urbanization activities together with climate change in developing countries.

### About the Organizing Institute

The Institute was jointly established in 1963 as Malaviya Regional Engineering College Jaipur by the Government of India and the Government of Rajasthan. Subsequently, on 26 June, 2002, the college was given the status of National Institute of Technology. The Institute lies in the heart of the pink city, imaginatively laid out with a picturesque landscape of 317 acres. It presents a spectacle of harmony in modern architecture and natural beauty. The campus is located in close proximity of Jaipur airport, railway station, major hospitals, and shopping malls. It consists of academic and administrative buildings, hostels, and on-campus accommodation for faculty and staff. The campus provides all essential amenities for community living like staff club, primary health center (dispensary), bank, post office, shopping complex, gymnasium, playing fields, guest houses, and canteen.

### International Society for Energy, Environment and Sustainability

The International Society for Energy, Environment and Sustainability was founded at IIT Kanpur in January 2014 with an aim to spread knowledge in the fields of Energy, Environment, Sustainability, and Combustion. The society aims to spread knowledge in the above-mentioned areas among people and make them more aware about the environmental challenges which the world is facing today. The Society is involved in various activities like conducting workshops, seminars, conferences, etc. in the above-mentioned domains. The society also recognizes young scientists and engineers for their contributions in this field.

### Organizing Committee

#### Patron:

Dr. V. K. Saraswat, Member, NITI Aayog, New Delhi  
Prof. N. P. Padhy, Director, MNIT Jaipur, Rajasthan

#### General Chair:

Dr. Ashok Pandey, Distinguished Scientist, IITR, Lucknow

#### Conference Chairs:

Prof. Avinash Kumar Agarwal, IIT Kanpur  
Prof. Prof. Dilip Sharma, MNIT Jaipur, Rajasthan  
Prof. A B Gupta, MNIT Jaipur, Rajasthan

Prof. G D Agarwal, MNIT Jaipur, Rajasthan

**Secretary:**

Dr. Nikhil Sharma, MNIT Jaipur, Rajasthan

Dr. Vivekanand, MNIT Jaipur, Rajasthan

**Joint Secretary:**

Dr. M L Meena, MNIT Jaipur, Rajasthan

Dr. Gunjan Soni, MNIT Jaipur, Rajasthan

Dr. Sushant Upadhyaya, MNIT Jaipur, Rajasthan

**Conference Themes**

**Track A: Energy and Transportation**

- Advanced Engine Technologies
- Alternative Transportation Fuels
- Fundamental Combustion and Flames
- Atomization and Sprays
- Engine Combustion and Modelling, Simulation
- Engine Emissions and Control
- Coal & Biomass Combustion/ Gasification

**Track B: Environment and Sustainability**

- Air Pollution Monitoring
- Air Pollution Control
- Desalination and Wastewater Treatment
- Emerging Contaminants in the Environment: Monitoring and Degradation Challenges
- Solid Waste Management
- Renewable Energy Technologies
- Cleaner Technologies for Pollution Mitigation

**Track C: Green Bioprocesses and Sustainable Developments**

- Biotechnology for Energy, Environment, and Industrial Applications
- Biotechnology for Sustainable Development, SDGs and Bioeconomy
- Waste to Wealth
- Microbial Processes and Products
- Bioresources and Microbiology

**Registration Fee**

Category	Before 5th October 2023	After 5th October 2023
<b>Students</b>		
ISEES Members	Rs. 6000+18% GST (Rs. 7080)/ \$200	Rs. 7000+18% GST (Rs. 8260)/ \$250
Non-ISEES Students	Rs. 7000+18% GST (Rs. 8260)/\$250	Rs. 8000+18% GST (Rs. 9440)/\$300
<b>Academicians/ Researchers</b>		
ISEES Members	Rs. 8000+18% GST (Rs. 9440)/\$350	Rs. 9000+18% GST (Rs. 10620)/\$400
Non-ISEES Members	Rs. 10000+18% GST (Rs. 11800)/\$400	Rs. 11000+18% GST (Rs. 12980)/\$450
<b>Industry Representatives</b>		
Industry Representatives	Rs. 15000+18% GST (Rs. 17700)/\$450	Rs. 18000+18% GST (Rs. 21240)/\$500

(1) The conference registration fee includes: Access to all sessions, Conference kit, Coffee/ Tea during breaks, Lunch during conference days and Conference Banquet Dinner, Participation Certificate

(2) Registration charge for Accompanying person is Rs. 3000+18% GST (Rs. 3540).

(3) **Student Fee:** Students have to produce proper proof of their studentship at the time of final registration at the conference.

**Travel and Accommodation**

**Accommodation:** Accommodation will be provided to all the invited speakers in the institute guest house. For participants, hostel accommodation will be provided.

**Reaching Jaipur:** Jaipur International Airport is about 4 Km from MNIT Jaipur Campus. A prepaid taxi is available at the airport. Indian railways connect Jaipur to almost all major cities of the country. Gandhi Nagar Railway Station is, 1 km away from MNIT, one can hire a taxi or take bus no. 7 and 17 to reach MNIT. Jaipur railway station is about 13 kms from MNIT, one can take a taxi or bus no 7 to reach MNIT.

**VIII SEEC Contacts**

**Dr. Nikhil Sharma**  
MNIT Jaipur, Rajasthan  
nikhl.mech@mnit.ac.in +91-9455504117

**Mr. Dhananjay Kumar**  
IIT Kanpur, Kanpur, India  
dhanu@iitk.ac.in, +91-9402358052