



VII International Conference
on
Sustainable Energy and Environmental Challenges (VII SEEC)
16th December 2022 to 18th December 2022



Organized by
Indian Institute of Technology (BHU)
Varanasi, India
Under the auspices of
**International Society for Energy,
Environment and Sustainability (ISEES)**



About the Conference

The conference, VII 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 Indian Institute of Technology (BHU), Varanasi is situated in the magnificent campus of BHU at the southern end of the ancient city of Varanasi on the banks of the holy river Ganga. Engineering Education in BHU commenced in 1919 with the establishment of Banaras Engineering College (BENCO). The Institution has also pioneered engineering education by being the first in the country to start degree courses in Mining, Metallurgy, Ceramic Engineering and Pharmaceutics. In 1969, these three colleges were amalgamated to form the Institute of Technology (IT BHU). IT BHU, has been converted into the Indian Institute of Technology (BHU), Varanasi by the Government of India on 29th June, 2012.

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. Pramod Kumar Jain, Director, IIT BHU, Varanasi

General Chair:

Dr. Ashok Pandey, Distinguished Scientist, IITR, Lucknow

Conference Chairs:

Prof. Avinash Kumar Agarwal, IIT Kanpur
Prof. Yogesh Chandra Sharma, IIT BHU, Varanasi
Prof. Rajnesh Tyagi, IIT BHU, Varanasi

Conveners:

Dr. Akhilendra Pratap Singh, IIT BHU, Varanasi
Dr. Rosy, IIT BHU, Varanasi

Treasurer:

Dr. RK Singh, IIT BHU, Varanasi



Scan for Call for Papers



Scan for Advisory Committee

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 15 th November 2022	After 15 th November 2022
Students		
ISEES Members	Rs. 4000+18% GST (Rs. 4720)/ \$200	Rs. 5000+18% GST (Rs. 5900)/ \$250
Non-ISEES Students	Rs. 5000+18% GST (Rs. 5900)/\$250	Rs. 6000+18% GST (Rs. 7080)/\$300
Academicians/ Researchers		
ISEES Members	Rs. 6000+18% GST (Rs. 7080)/\$300	Rs. 7000+18% GST (Rs. 8260)/\$350
Non-ISEES Members	Rs. 7000+18% GST (Rs. 8260)/\$350	Rs. 8000+18% GST (Rs. 9440)/\$400
Industry Representatives		
Industry Representatives	Rs. 9000+18% GST (Rs.10620)/\$450	Rs. 10000+18% GST (Rs.11800)/\$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



Scan for Registration

(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. For more details please visit the conference website.

Reaching Varanasi:

The city's airport is very well connected by flights from major cities in India. Varanasi is a major railway junction connecting several important cities in India. Varanasi is connected by good motorable roads to all places in India. For more details please visit the conference website.

VII SEEC Contacts

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Conference Website: <https://www.isees.in/index/VII%20SEEC%20Website/Index.html>