# Fourth International Conference on Sustainable Energy, **Environment and Green Technologies**

**(ICSEEGT 2024)** 

**HYBRID MODE** 

Springer

August 9-10, 2024



**Indexed Publication** 

SCOPUS IOP Conference Series Earth and Environmental Science

All accepted and presented papers will be submitted to IOP Conference Series: Earth and Environmental Science for their peer review and publication in the conference proceedings.

# **ICSEEGT 2024 COMMITTEES**

#### **CHIEF PATRONS**

- Dr. S. M. Seth, Chairman (Emeritus), Poornima Group, Jaipur
- Sh. Shashikant Singhi, Chairman, Poornima Group, Jaipur

#### **PATRONS**

- Sh. M K M Shah, Director General, Poornima Group, Jaipur, India
- Sh. Hari Singh Shekhawat, Director (Infra) (Poornima Group), Jaipur, India
- Ar. Rahul Singhi, Director (Poornima Group), Jaipur, India

#### **GENERAL CHAIR**

Dr. Mahesh Bundele, Principal & Director, Poornima College of Engineering,

#### **INTERNATIONAL ADVISORY COMMITTEE**

- Prof. S.A Sherif. University of Florida, USA
- Prof. Mattheos Santamouris. University of New South Wales, Australia
- Prof. Ahmed Benamar, University of Le Havre, France.
- Prof. Eugeniusz Koda, Warsaw University of Life Sciences (SGGW),
- Dr. Arvin Farid, Boise State University, USA
- Prof. Krishna Reddy, University of Illinois, USA
- Prof. Sreekanth B Jonnalagadda, University of KwaZulu-Natal, South
- Prof. Mamdud Hossain, Robert Gordon University, United Kingdom
- Prof. Mohammad Khalid, Sunway University, Malaysia
- Prof. Bidyut Baran Saha, Kyushu University, Japan
- Prof. Masaaki Okubo, Osaka Metropolitan University, Japan
- Dr. Harjit Singh, Brunel University, UK
- Dr. Herb S. Rhee, Innovative Technology and Energy Centre (ITEC), Tanzania
- Dr. Rui Alexandre Castanho, WSB University, Poland
- Dr. Addisu Bekele, Adama Science and Technology University, Ethiopia
- Dr. Ebenezer Annan, University of Ghana, Ghana

## NATIONAL ADVISORY COMMITTEE

- Prof. Avinash Kumar Agarwal, IIT, Jodhpur, India
- Prof. K.S. Reddy, IIT, Madras, India Prof. Ch. Subrahmanyam, IIT. Hyderabad, India
- Prof. P. Muthukumar, IIT, Tirupati, India
- Prof. Kaustubha Mohanty, IIT. Guwahati, India
- Prof. Rakesh Kumar Sharma, IIT. Jodhpur, India
- Dr. L. N. Thakural, NIH, Roorkee, India
- Dr. Subrata Hait, IIT, Patna, India
- Dr. Krishna Prapoorn, IIT, Tirupati, India
- Dr. Anil Kumar, DTU, Delhi
- Dr. Pravin G. Ingole, CSIR-NEIRST, Jorhat, India
- Dr. Basuraj Bhoumik, IIT BHU, Varanasi, India

#### **ORGANIZING CHAIRS**

- Dr. Pankaj Dhemla
- Vice Principal, Poornima College of Engineering, Jaipur, India
- Dr. Narayan Lal Jain

Professor and Head, Department of Mechanical Engineering, Poornima College of Engineering, Jaipur, India

Dr. Pran Nath Dadhich

Professor and Head, Department of Civil Engineering, Poornima College of Engineering, Jaipur, India

## **ORGANIZING SECRETARY AND CONVENER**

Dr. Raj Kumar Satankar

Associate Professor, Department of Mechanical Engineering, Poornima College of Engineering, Jaipur, India

ORGANIZED BY





CALL FOR **PAPERS** 

Prospective authors from academia as well as industry are invited to submit their full length papers in ICSEEGT 2024 conference, which have not been yet submitted/published. Topics of interest for submission include, but are not limited to

# Track 1: Renewable Energy

- Alternative Fuels
- Clean Energy & Utilization of Fossil Resources
- **Energy Conservation Technologies**
- Energy Forecasting & Optimization
- **Energy Storage Technologies**
- **Environmental Impacts of Energy Technologies**
- Hydrogen: A Source of Future Energy

- Hydrogen Production Technology & Fuel Cells
- IC Engines Performance with Bio-fuels
- Renewable Energy Supply & Technologies
- Solar Photovoltaic Technology
- Thermo-chemical Energy Conversion Processes
- Waste Energy Utilization
- Zero-carbon Energy

## Track 2: Environment and Transportation Engineering

- · Biological-induced Conversion Processes
- Environmental Issues in Transportation Sector
- Emerging Transportation Technologies
- Environment Impact Assessment & Quality Management
- Environment Risks & Interactions of Pollutants
- Environmental Impact Assessment of Transport Projects
- Forecasting Techniques in Transportation
- · Greenhouse Effect & Climate Change
- Low Carbon Economy and Environment

- Processes & Concepts of Emission Reduction
- Pollutants Effect on Human and Animal Health
- Public Transport Planning & Management
- Remote Sensing and GIS
- Renewable Energy Applications in Transport Sector
- Solid Waste Management and its Measures
- Sustainable Transportation Infrastructures
- Traffic Management & Intelligent Transportation Systems

# Track 3: Green Technologies & Sustainability

- Biodiversity Preservation
- Efficient and Sustainable Industrial Processes
- **Emerging Green Energy Technologies**
- **Environmental Chemistry**
- **Green Building Technologies**
- Green Design and Manufacturing Processes
- Green Energy for Economic Development
- Green Energy Policies and Programs

- Green Nanotechnology
- Green Technologies for Environmental Sustainability
- Plasma Application for Sustainable Agriculture
- Preparation For Disasters: Natural & Manmade
- Rural Development through Green Energy
- Sustainability Assessment and Life-cycle Analysis Sustainable Building Technologies
- Sustainable Utilization of Resources

### **Track 4: Energy Materials**

- Alternative Buildings & Repair Materials
- **Bio-Inspired Structures & Composites**
- Biomaterials for Sustainable Construction
- Energy Materials for Green Composites
- **Environmental Aspects of Traditional Materials**
- **Environment-Friendly Construction Material**
- Functional Materials from Solid Waste **Future Generation Materials**
- Hydrogen Storage Materials
- Materials for Hybrid Electric Vehicles Recycling & Re-Manufacturing of Materials
- · Smart Materials for Sustainability

The final check, as well as checking for plagiarism/similarity, is carried out by the editors of the individual journal after payment. For this reason, paid conference fees for those articles excluded due to plagiarism or other violations specified in the Committee on Publication Ethics (COPE) are not returned to the authors.

DATES **Full-length Paper Submission July 10, 2024 Paper Acceptance Notification IMPORTANT** July 13, 2024 **Final Paper Submission** and Registration July 15, 2024

**REGISTRATION FEES** Category Indian International Regular author academician/industry ₹12500 \$300 Regular author students (Ph.D./PG) ₹10000 \$250 ₹9500 **Regular author Students (UG)** \$150 **Attendees / Co-authors/Only Presentation** ₹4000 \$100 ₹2500 \$75 Late Fee

**Conference website** 

https://poornima.org/internationalconference/icseegt-2024/

https://tinyurl.com/ICSEEGT-2024 **Submission link** 

**CONFERENCE VENUE** 

**CORRESPONDENCE/QUERY** 

**Organizing Secretary, ICSEEGT 2024** 

- E-mail: icseegt2024@poornima.org
- Contact Number: +91-8561995290
- **Poornima College of Engineering** ISI-6 RIICO Institutional Area, Sitapura, Jaipur-302022, India www.poornima.org