

PROGRAM AGENDA- Day 1

PRE-INAUGURAL SESSION - 2:30 PM [Seminar hall, IIT Delhi]

Chair: Shri Ramanathan, Distinguished Fellow, TERI

Talk by Invited Keynote Speaker: Dr. Ashvini Kumar, Prof. Bijay Ketan Panigrahi, Ms. Meghana Jayakumar

Vote of thanks: Mr. Pabitra Kumar Jena

INAUGURAL SESSION - 5:30 PM [Seminar hall, IIT Delhi]

Welcome Address: Prof. Pravat Kumar Parhi

Guest of Honour: Prof. Rangan Banerjee, Director, IIT Delhi

Distinguished Guest: Dr. Sukant K. Mohapatra, Founder Chairman, NIST Berhampur

Chief Guest: Shri Dharmendra Pradhan, Hon'ble Minister, Education & SDE

Vote of thanks: Er. Pabitra Mohan Sahu, Treasurer, IEC

PROGRAM AGENDA- Day 2

TECHNICAL SESSION - 10:00 PM [Seminar hall, IIT Delhi]

Chair: Prof. Sukumar Mishra, Professor, Electrical Engg. Dept., IIT Delhi

Talk by Invited Keynote Speaker: Mr. N Mohan, Mr. Aspari Chandrasekhara Reddy, Mr. Navindra Gautam

Vote of thanks: Dr. Sachidananda Prasad, HoD, Electrical Engg, NIST Berhampur

VALLEDICTORY SESSION - 12:30 PM [Seminar hall, IIT Delhi]

Chair: Dr. Pravakar Swain, President, IEC

Address by Distinguished Guest: Dr. Trilochan Mohapatra, Shri Jatindra Nath Swain

Vote of thanks: Mr. Benudhar Das, Executive Engg, TPCODL

Invited Speakers:



Dr. Ashvini Kumar
Ph D(IITD)
Technical Consultant
SSEF



Prof. B K Panigrahi
Institute Chair Prof.,
Dept. of Electrical
Engg, IIT Delhi



Shri. N. Mohan
Head (EVCI)
Convergence Energy
Services Limited



**Ms. Meghana
Jayakumar**
Research Innovation
Shakti Expert (RISE)
Fellow for MNRE



Shri Aspari Chandrasekhara Reddy
Sr. Advisor(Business
Dev. & Govt Affairs)
Energy Efficiency Services Ltd.



Shri. K. Ramanathan
Distinguished Fellow
Electricity and Renewable
Division of the Energy and
Resources Institute(TERI)

For more details, Contact:

Dr. Sachidananda Prasad, Associate Professor, NIST | Email:sachidananda@nist.edu | Mob: +91-8249303553

Dr. Pravat Kumar Parhi, Secretary General, Indian Energy Congress | Email: pkparhi@outr.ac.in | Mob: +91-9437176889



National Conference
on
**Energy Conservation and
Management**
A Foundation for Sustainable Society

Venue:

Indian Institute of Technology, New Delhi

December 4th -5th, 2023

Organized by



INDIAN ENERGY CONGRESS (IEC)

www.indianenergycongress.com

Sarala Bhawan, Biju Patnaik Square, Cuttack, Odisha- 753001, India

In Collaboration With



www.nist.edu

**NATIONAL INSTITUTE OF SCIENCE AND
TECHNOLOGY (NIST)**

Institute Park, Berhampur, Odisha-761008, India

Organizing Committee

General Chair:	Dr. Pravakar Swain
Program Chair:	Prof. Bijaya Ketan Panigrahi
Publication Chair:	Prof. Pravat Kumar Parhi
Publicity Chair:	Dr. Sachidananda Prasad
Finance Chair:	Er. Shishir Ku Sahoo
Organizing Chair:	Prof. Sukumar Mishra

ABOUT THE CONFERENCE:

Energy conservation and energy management play a key role in reducing current energy consumption by upgrading and redesigning energy systems and processes, which result in efficient and cost-effective solutions to control greenhouse gas (GHG) emissions. Sustainable economic development with a green environment is a prime focus for the world today, which has been discussed in global summit held in Madrid Climate and Energy Summit, which was aimed to galvanize international efforts to realize the Paris Agreement's ambitious target of limiting global warming to 1.5°C.

The conference is multidisciplinary in nature covering all branches of engineering and science and it gives a unique opportunity to participate and understand the recent advances in the energy sector relating to new sources of energy generation, conservation, economics, energy policy, and waste recovery, energy tools, etc. This conference is designed to strengthen the understanding of advanced concepts of energy conservation, energy management, energy economics, and new sources of energy generation. This event will primarily benefit thought leaders, energy sector promoters/executives, faculty members, researchers, Ph D Scholars and students from various disciplines. In summary, the main emphasis of this program will be to give exposure to cutting-edge research in the field of energy conservation and management with enhancement in research and developmental activities among all categories of research and energy production. A series of invited lectures will be delivered by thought leaders, industry executives and researcher from prominent academic and research institutes.

The conference shall publish a technical journal covering the presentation of invited speakers, invited/selected papers by the researchers and industry experts aligning with the theme of the conference.

TOPICS:

The topics for the conference include but not limited to:

- New sources of energy generation
- Energy storage and conservation,
- Energy Economics and energy audit,
- Waste heat recovery, Energy conservation in boilers and steam system and in motor drive systems, Cogeneration, Solar energy and wind energy generation and utilisation
- Zero energy building
- Energy conservation in HVAC systems,
- Energy efficacy policies
- Industrial applications of solar energy and energy-efficient lighting

- Life cycle analysis of energy systems, energy access and energy poverty etc.
- Case study presentations on energy-efficient measures, recent and relevant innovations in energy-efficient approaches

HOW TO APPLY:

The interested candidates can fill up the registration form available in Indian Energy Congress website at: www.indianenergycongress.com or <https://nist.edu/conference/ncecm2023/>. Participants also can email their registration information in the email: indianenergycongress@gmail.com. Only after receiving the filled up online forms from the participants, confirmation of participation will be intimated through E-mail. Registration kits, working lunch and tea will be provided to all the registered delegates.

REGISTRATION:

Registration Fee is Rs 1000/- for industry and R&D delegates from Govt. /Private Organizations. There is no registration fee for the M Tech students, Ph D scholars and faculty members for attending the conference. However, only the registered participants will be allowed to attend the program. The registration fee is to be paid in advance through online in favour of "Indian Energy Congress" through online transfer to the savings bank account of Indian Energy Congress bearing Account No: 19120110044735, UCO Bank, Old Secretariat- Cuttack Branch with IFSC No: UCBA0001912

Last date of registration is 28th Nov 2023.

SPONSORSHIP:

The sponsorship for publication of advertisement in the technical journals as follows:

- Back Cover Page: Rs. 50,000 (Rupees fifty thousand)
- Inner Cover Page: Rs. 40,000 (Rupees forty thousand)
- Full Inner Page: Rs. 30,000 (Rupees thirty thousand)
- Half Inner Page: Rs. 20000 (Rupees twenty thousand)

In addition, sponsors are encouraged to sponsor technical sessions, lunch, dinner, snacks, registration kits, etc. The sponsors' signage will appear in different areas of the conference in form of flex banners and standees.

The sponsorship amount and advertisement amount may be released in shape of A/C PAYEE Cheque or Bank Draft in favour of "Indian Energy Congress" through online transfer to the savings bank account of Indian Energy Congress bearing Account No: 19120110044735, UCO Bank, Old Secretariat, Cuttack Branch with IFSC No : UCBA0001912.

CONFERENCE WEBSITE:

<https://nist.edu/conference/ncecm2023/>

About Indian Energy Congress:

Indian Energy Congress was established on 7th August 2019 as a registered national professional society under the provisions of the Societies Registration Act 1860 (Act XXI of 1860) bearing registration no: 157/7201900069 of 2019-20. Its primary aims are to bring thought leaders and researchers in energy sector together and lead various initiatives to address the energy challenges that our humanity faces today. The basic objectives of the Society are: to undertake intensive study & research in engineering with multidisciplinary approach in developing energy resources and their utilization; to promote awareness among people about the production, conservation, & utilization of energy; to create awareness in the society to protect environment and to develop social energy responsibility. The interests of the organization cover all aspects of renewable and non-renewable energy resources, including characteristics, effects and methods of use, and it provides a common platform to all those concerned with the nature and utilization of non-polluting resources.

About NIST:

The National Institute of Science and Technology (NIST) (www.nist.edu), Institute Park, Berhampur, Odisha, was established in 1996 as first NRI higher education venture in the state of Odisha. Nestled in the green hills of Pallur, the campus is spread over 60 acres of land with world class academic infrastructure, center of research excellence (CREs), halls of residence, sport complex and other facilities. NIST is a premiere research institute in the country offering undergraduate, graduate, and Ph.D. programs in Engineering, Science and Management and Liberal Arts. Over years NIST ranked highly in the country by NIRF, - MHRD (Govt. of India), Atal Ranking of Institutions on Innovation Achievements (ARIIA) by ME (Govt. of India) and other ranking organizations. In 2023 it ranked 49th in the country in engineering by Times Engineering ranking. It has been declared recently as an autonomous state university by govt of Odisha.

NIST has set benchmarks for its outstanding multi-disciplinary research in the areas such as VLSI Design, Data Science, IoT, Renewable Energy, 5G and Future Communication, Robotics, AR/VR and Multimedia, and Computer Vision etc. NIST faculties are among BOYSCAST and Fulbright scholars, INSA fellows, USRI scientist award recipients including other achievements.