NATIONAL SEMINAR ON

ENERGY CONSERVATION AND MANAGEMENT: A FOUNDATION FOR SUSTAINABLE SOCIETY

Venue: Indian Institute of Technology, New Delhi

Date: December 4-5th, 2023

Organized by

INDIAN ENEGERY CONGRESS (IEC)
www.indianenergycongress.com

in association with

NATIONAL INSTITUTE OF SCIENCE AND TECHNOLOGY (NIST)
Institute Park, Berhampur, Odisha - 761008
www.nist.edu

PROGRAMME AGENDA

Agenda	Speakers
DECEMBER 4th, 2023	
INNAGURAL SESSION [IIT Delhi – Auditorium] (10.30 – 11.40 AM)	
Introduction (5 min)	Prof. P. K. Parhi
Welcome Address (5 min)	Prof. Sukumar Mishra
Address by Guest of Honor (15 min)	Director, IIT-D
Address by Dist. Guest (15 min)	Dr. Sukant K. Mohapatra
Address by Chief Guest (15 min)	Shri Dharmendra Pradhan/Dr. Anil Suhasrabudhe
IEC President's Address (5 min)	Dr. Pravakar Swain
Presentation of Mementos (5 min)	Dr. Prabhakar Swain
Vote of Thanks (5 min)	Shri Pabitra Sahoo
TEA BREAK [IIT Delhi – Auditorium] (11.40 – 12.00 NOON)	
INVITED TALKS – TECHNICAL SESSION –1 [IIT Delhi – Auditorium] (12.00 – 1.30 PM) *Decarbonizing India's energy sector. Strategic importance of demand side management (DSM), policy and regulatory support. Energy efficiency initiatives in residential, building, industry, and agriculture sectors. Formulations of utility level DSM plan – case study* **Chair: Head, Energy Center, IIT–D**	
Talk by Invited Speaker (30 min) Talk by Invited Speaker (30 min)	S. Narayan Kumar (Shakti Sustainable Energy Foundation)
LUNCH BREAK [Place:] (1.30 – 2.30 PM)	
PANEL TALK & DISCUSSION – TEHNICAL SESSION 2 [IIT Delhi – Auditorium] (2.30 – 5.00 PM) *Emerging technologies for DSM (smart Grid, demand response etc.). Role of E–mobility in greening the sector and DSM. National and international case studies.* Talk for 20 minutes by each panelist and then participation in panel round table **Chair: Mr. Ramanathan, Fellow TERI**	
Panel Member-1 Panel Member-2: Panel Member -3:	Dr. Banerjee N. Mohan (EESL) Ms. Simraj Kaur, IEA Head, Solar Energy, Delhi

Panel Member -4	
Networking (if financially possible – an evening dinner, preferably through sponsor)	

DECEMBER 5th, 2023

STUDENT SESSION – TECHNICAL SESSION 3 [IIT Delhi – Auditorium] (10.30 – 11.40 AM)
India's Renewable Energy Program: Opportunities and Challenges, emerging Storage Technologies   *Phasing out Coal:* Indian perspective for a just traditional lens.   Chair:

Keynote Speaker: Student-1 (IITD) Stduent-2 (TERI) Stduent-3 (JNU) Stduent-4 (??)	

TEA BREAK [Place] (11.40 – 12.00 NOON)

VALEDICTORY SESSION [IIT Delhi – Auditorium] (12.00 – 1.15 PM)

Take home from the day's proceedings (15 min) Address by Distinguished Guest (15 min) Address by Chief Guest (15 min) Participant's Feedback (15 min) Concluding Remark (10 min) Vote of Thanks (5 min)	

LUNCH BREAK AND DEPARTURE [Place:] (1.15 – 2.15 PM)

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About Indian Energy Congress

The Indian Energy Congress is an organization of Engineers established on 7th August, 2019 under Societies Registration Act XXI of 1860   as a registered professional society. Its basic objective is to create awareness, bring thought leaders & researchers in energy sector together and lead various initiatives to address the energy challenges that our humanity faces today. The basic aim and 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, & utilisation of energy and to create awareness in the society to protect environment and to develop social energy responsibility. All Engineers/ Scientists having Degree or equivalent qualification in Engineering and have attained 21 years of age and are desirous to fulfill the aims and objectives of the Society are eligible to be life members of the Society.

About National Institute of Science and Technology (NIST)

The National Institute of Science and Technology (NIST) (www.nist.edu), Institute Park, Berhampur, Odisha, was established in 1996 as first NRI higher educational 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.

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. NIST has research collaboration with many Universities around the globe [e.g., IAMS (Taiwan), Univ. of Electro-Communication (Japan), Brunel University (London), and NJIT (USA) …] and has strong industry-academia partnership with multiple industries in different sectors.