

NATIONAL SEMINAR ON

# Energy Access and Security in Emerging Energy transition

Organized by



Indian Institute of Technology  
Bhubaneswar



Indian Energy Congress



NIST University  
Berhampur

**Date: 17<sup>th</sup>-18<sup>th</sup> March, 2025**

**Venue: Community Centre,  
Indian Institute of Technology, Bhubaneswar**

**Indian Energy Congress**  
Sarala Bhawan, Biju Patnaik Chhak, Cuttack, India-753001,

in Association with  
**IIT, Bhubaneswar**  
**NIST University, Berhampur**

| Agenda  | Speakers   |
|---|--|
| <b>MARCH 17<sup>th</sup> 2025</b>   |  |
| <b>INNAGURAL SESSION [Community Centre, IIT Bhubaneswar ] (10.00 – 11.15 AM)</b>                        |  |
| Introduction about seminar (5 min)  | <b>Prof. P. K. Parhi</b> , Secretary General, Indian Energy Congress (IEC) |
| Welcome Address (10 min)  | <b>Prof. S. R. Samantaray</b> , HOS, Electrical & Computer Sc., IIT BBS    |
| Address by Member IEC (5min)  | <b>Shri. Saumitra Das</b> , Indian Energy Congress                         |
| Address by Guest of Honor (10 min)  | <b>Dr. Sukant K Mohapatra</b> , Founder President, NIST University         |
| Address by Guest of Honor (10min)   | <b>Prof. Sukumar Mishra</b> , Director, IIT (ISM)                          |
| Presentation by Chief Guest (10 min)  | <b>Prof. Shreepad Karmalkar</b> , Director, IIT Bhubaneswar                |
| Felicitation of Guests on the Dias (10 min)   |  |
| President's Address (10 min)  | <b>Dr. Pravakar Swain</b> , President, Indian Energy Congress              |
| Vote of Thanks (5 min)  | <b>Er. Pabitra Mohan Sahu</b> , Treasurer, Indian Energy Congress          |
| <b>TEA BREAK [Community Centre, IIT Bhubaneswar] (11.15 AM – 11.45 AM)</b>                              |  |
| <b>TECHNICAL SESSION -1 [Community Centre, IIT Bhubaneswar ] (11.45 AM – 1.30 PM)</b>                   |  |
| Invited talk 1 (35 min)   | <b>Prof. Sukumar Mishra</b> , IIT ISM                                      |
| Invited talk 2 (35 min)   | <b>Shri. Mahesh Prasad Das</b> , CPM, RENA, GRIDCO                         |
| Invited talk 3 (35 min)   | <b>Prof. U. Ojha</b> , IIT Bhubaneswar                                     |
| <b>LUNCH BREAK [Community Centre, IIT Bhubaneswar ] (1.30 PM – 2.30 PM)</b>                             |  |
| <b>TECHNICAL SESSION -2 [Community Centre, IIT Bhubaneswar ] (2.30 PM – 3.15 PM)</b>                    |  |
| Invited talk 4 (45 min)   | <b>Prof. Chandan Kumar Chand</b> , IIEST, Shibpur                          |
| <b>TEA BREAK [Community Centre, IIT Bhubaneswar] (3.15 PM – 3.30 PM)</b>                                |  |
| <b>Panel Discussion (3.30 PM – 5.30 PM): Challenges and Opportunities in emerging Energy Transition</b> |  |
| Prof. Ashok Tripathy, Former DG, CPRI   |  |
| Mr. Kedar Ranjan Pandu, MD, OGPC  |  |
| Mr. P. K. Patnaik, Director OPTCL   |  |
| Dr. M. V. Rao, Chairman Electricity Regulatory Commission, W.B  |  |
| Prof. S. R. Samantaray, IIT Bhubaneswar   |  |
| <b>HIGH TEA [Community Centre, IIT Bhubaneswar] (5:30 PM)</b>   |  |

| Agenda   | Speakers  |
|--|---|
| <b>March 18<sup>th</sup> 2025</b>  |   |
| <b>TECHNICAL SESSION -3 [Community Centre, IIT Bhubaneswar ] (9:30 AM – 11:15 AM)</b>  |   |
| <b>Invited talk 5</b> (35 min)   | <b>Dr. M. V. Rao</b> , Chairman Electricity Regulatory Commission, W.B                          |
| <b>Invited talk 6</b> (35 min)   | <b>Prof. S. K. Panda</b> , IIT Bhubaneswar  |
| <b>Invited talk 7</b> (35 min)   | <b>Prof. Kanika Das Bhattacharjee</b> , IEST, Shibpur   |
| <b>TEA BREAK [Community Centre, IIT Bhubaneswar ] (11:15 AM to 11:30 AM)</b>           |   |
| <b>TECHNICAL SESSION -4 [Community Centre, IIT Bhubaneswar ] (11:30 AM – 12:30 PM)</b> |   |
| <b>Invited talk 8</b> (30 min)   | <b>Prof. XINLIANG FENG</b> , Director, Director, Max Planck Institute of Microstructure Physics |
| <b>Invited talk 9</b> (30 min)   | <b>Prof. Thomas Heine</b> , Technical University, Dresden                                       |
| <b>VALEDICTORY SESSION [Community Centre, IIT Bhubaneswar] (12.30 PM – 1.15 PM)</b>    |   |
| Shri. B.C. Jena, Former Chairman, Electricity Board, Odisha ( <b>Chief Guest</b> )     |   |
| Prof. P.K. Hota, Vice Chancellor, DRIEMS University, Cuttack ( <b>Guest of Honor</b> ) |   |
| <b>LUNCH [Community Centre, IIT Bhubaneswar] (1.00 PM – 2.00 PM)</b>                   |   |

## Organizing Committee

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**Dr. Pravakar Swain, Indian Energy Congress**

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**Prof. S. R. Samantaray, IIT Bhubaneswar**

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**Prof. U Ojha, IIT Bhubaneswar**

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