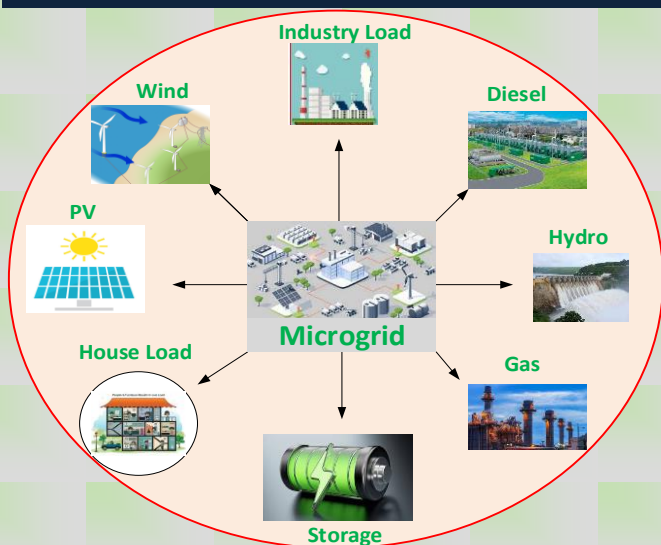


INDNOR MultiGrid Workshop on "Integrations, Control, and Interconnection of Microgrids/Minigrids" 23rd June 2023



Organised by



School of Electrical Sciences
IIT Bhubaneswar, Odisha- 752050, India
and

SINTEF Energi AS, Postboks 4761 Torgarden
NO-7465, Trondheim, Norway

About the Workshop

Join us in our captivating workshop as we delve into the fascinating realm of microgrid/minigrid technologies. Microgrids/minigrids are inherently diverse, incorporating various energy sources and generator technologies, resulting in distinct dynamic operational characteristics. The integration of two heterogeneous minigrids, especially when serving significant local loads, presents a formidable challenge that necessitates the establishment of protocols to connect and disconnect minigrids without compromising stability and voltage quality. In this enlightening workshop, we will discuss the challenges in integrating microgrid and showcase the research activities and outcomes of the Indian-Norway bilateral project, offering valuable insights into the intricacies of microgrid/minigrid integration. Esteemed researchers, professors, and experts from prestigious research labs, universities, institutes, and projects will share their expertise and present the latest research advancements, fostering a platform for knowledge exchange and engaging discussions. We encourage you to utilize this opportunity to explore the complexities of microgrid/minigrid systems and stay at the forefront of research in the field. Join us and be part of this enlightening experience that will expand the understanding of microgrid/minigrid technologies.

Who can attend?

This international workshop aims at academicians, researchers and engineers from Industries and R&D organizations

Venue

School of Electrical Sciences
Indian Institute of Technology Bhubaneswar, Jatni,
Khurda, Bhubaneswar-752050

Coordinator

Dr. Chandrasekhar Perumalla, School of Electrical
Sciences, IIT Bhubaneswar, India

Travel & Lodging Arrangements

Travel and lodging expenses have to be borne by the participants or their sponsoring organizations. However, a limited number of accommodations can be made available at IIT Bhubaneswar Campus and in close-by hotels on request. The registration fee includes workshop kit, working lunch, tea, and snacks.

About IIT Bhubaneswar

IIT Bhubaneswar is one of the eight new Indian Institutes of Technology established by the Ministry of Human Resource Development, Government of India under The Institutes of Technology (Amendment) Act, 2011. Indian Institute of Technology Bhubaneswar (IITBBS) was established on 22nd July, 2008. The Institute strives to offer the best engineering education with unmatched novelties in curriculum. Within a short span of incipience, IITBBS has made rapid strides towards becoming one of the elite technology institute of India spurred by sustained creation of knowledge and innovation, through high quality R&D activities and commitment to holistic education. The Institute aims to develop and pursue dynamic and flexible curricula designed to facilitate creativity and cognitive thinking among students through productive partnership with industries. Students get exposed to a wide variety of activities through societies and clubs, involving liberal arts, design, dramatics, robotics, music, dance and sports, instilling them with social awareness, a spirit of innovation, entrepreneurship and a thirst of discovery.

All academic activities of the Institute are being carried out from the picturesque permanent campus at Argul, spreading over 936 acres of land with unique serene and pollution-free academic environment, in the state of Odisha, India. It is located on the foothills of the magnificent Barunei, having link with Indian freedom movements. At present, the Institute has seven schools and within a short period of time, IIT BBS has been able to build up world class infrastructure for carrying out advanced research and is equipped with

state-of-the-art scientific and engineering laboratories. The Institute has a pleasant and friendly environment which facilitates a multidimensional growth of the individual in the campus.

About Bhubaneswar

Bhubaneswar, the capital of Orissa, is also popularly known as the "Temple City of India", named after Tribhuvaneshwar, "Lord of Three Worlds" or 'Lord Lingaraj'. It is an important Hindu pilgrimage centre. The History of the city stretches back over 2000 years. The area first appears as ancient capital of Kalinga. The smart city Bhubaneswar with its modern buildings and extensive infrastructure perfectly complements its historic surroundings. With facilities to cater to every type of visitor, Bhubaneswar makes an ideal tourist destination. It is the largest city in Odisha and is a centre of economic and religious importance in Eastern India. The city is also known for its rich and varied heritage arts, crafts and dance.



Khandagiri-Udayagiri caves, Nandankanan Zoological park, Odisha state Museum, Dhauli Shanti Stupa, Regional Museum of Natural History, Sun Temple-Konark and Jagannath Temple-Puri along with the Chandaka Wildlife Sanctuary are major attractions in and around Bhubaneswar. Chilka lake is an important habitat and breeding ground for both resident and migratory and aquatic birds, most notably flamingos, is 100kms away from Bhubaneswar.



How to reach IIT BBS

The city of Bhubaneswar is well connected by rail, air and road to the rest of the country. IIT Bhubaneswar is about 8 km from Khurda Road Junction railway station and about 30 km from Bhubaneswar City, 35 km from Bhubaneswar Biju Patnaik International Airport.

Registration and Application Form

Name: _____
Designation: _____
Organization: _____
Mailing Address: _____
Email: _____
Phone: _____
Highest Educational Qualification: _____
Brief Present Professional Activity: _____
Please select the appropriate box below
Fee (Excluding lodging, travel and dinner):-
 Delegates from Industry: Rs 3000/- + 18% GST
 Academicians: Rs. 2000/- + 18% GST
 Students: Rs. - 1000/- + 18% GST
Course fee payment details:
DD No./Transaction ID: _____ Amount: ₹ _____

Dated: _____ Signature of applicant

For candidates from Government/Private Agencies:
Dr/Mr/Ms.....is sponsored to attend the course.

(Signature of Sponsoring Authority with date and seal)

For Academicians/M.Tech/Ph.D student
The application of Dr/Mr/Ms..... is here with forwarded.

(Signature of Head of the Institute/Dept. with date and seal)

The application form for the international workshop has to be sent (**Scan copy**) to the contact address (**email**) and should be accompanied by registration fee paid online with payment proof or in the form of crossed demand draft from any nationalized bank of India drawn in favour of "CEP, IIT Bhubaneswar" payable at Bhubaneswar or through online transfer to A/C # 24282010001960, CEP, IIT Bhubaneswar, Canara Bank, Argul Branch

Key Speakers

- Prof. Sukumar Mishra IIT Delhi
- Dr. Ashu Verma, IIT Delhi
- Dr. Salvatore D' Arco, SINTEF Energy AS, Norway
- Dr. Merkebu Zeneba Degefa, SINTEF Energy AS, Norway
- Dr. Chandrasekhar Perumalla, IIT Bhubaneswar
- Dr. Chandrasekhar Yammani, NIT Warangal

Important Date

Registration closes: 20th June 2023

Contact

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