

December 16-18, 2021



Developments towards Inclusive Growth for Sustainable and Resilient Grid

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http://www.icps2021.iitkgp.ac.in

The International Conference on Power Systems (ICPS) is a leading conference in the area of Power Engineering since its birth year 2004. It is a brainchild of academicians from India and Nepal. The 9th International Conference on Power Systems, 2021 (ICPS 2021) continues a series of the biennial conference and will be held at Indian Institute of Technology Kharagpur (IIT Kharagpur), Kharagpur, West Bengal India from 16th -18th December 2021. It will be jointly organized by the Department of Electrical Engineering and the School of Energy Science and Engineering.

With the theme "Developments towards Inclusive growth for Sustainable and Resilient Grid", ICPS 2021 will provide an opportunity to discuss various research activities and latest developments in the area of Smart Power System: and help us to generate a road map to move ahead with necessary pace. A large number of Eminent Professors. Technocrats. Scientists. Administrators and Students from various parts of the World are expected to participate in the ICPS 2021. The tutorials on the relevant topics, keynotes by eminent persons, panel discussion, paper & poster presentations, and opportunities for industry/trade exhibits, with separate events for industry sessions and student competitions, will be an integral part of the conference.

SCOPE

•Artificial Intelligence & Machine Learning Application to Power Systems

- Condition Monitoring of Power Apparatus
- •Data Analytics & IOT in Power Systems
- •Demand Side Management & Energy Management
- •Electric Vehicle & Charging Infrastructure
- •Energy Management for Microgrids
- Energy Storage Materials, Systems & their Grid Integration
- •Generation, Load & Price Forecasting
- •Generation, Transmission & Distribution System Technologies
- •HVDC & FACTS
- •Power Electronics, Control & Automation
- •Power System Flexibility, Security & Resiliency
- •Power System Optimization & Economics
- •Power System Operations, Planning & Reliability
- •Power System Restructuring & Electricity Markets
- Power System Stability & Protection
- Renewable Integration & Ancillary Services
- •Smart & Sustainable Grids
- Solar PV Materials & Systems
- Wide Area Monitoring & Control

VENUE

IIT Kharagpur is the first Institute Indian of Technology started its journey in the old Hijli Detention Camp, where some of the country's great freedom fighters toiled and sacrificed their lives for India's independence. It was established in 1950 with the largest campus, the most departments and the highest student enrolment

Apart from the main building in the central academic complex, the Srinivasa Ramanujan Complex also has common academic facilities with Vikramshila building and Kalidas Auditorium. The ICPS 2021 will be organized in Srinivasa Ramanujan Complex.



The "cultural capital of India", Kolkata, popularly known as "the city of joy", is the educational, commercial and cultural center of the eastern part of India. It is about 120 km from Kharagpur and well connected by road and rail transport.

IMPORTANT DATES

- •Paper submission opens 15 February 2021
- •Full paper submission closes 30 April 2021
- •Notification of paper acceptance 31 July 2021
- •Camera ready paper submission closes 31 August 2021
- •Early birds registration opens 15 August 2021

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Department of Electrical Engineering & School of Energy Science and Engineering

Indian Institute of Technology Kharagpur

Email Contact:	icps2021@iitkgp.ac.in
Postal Address	: Electrical Engineering Department, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, INDIA-721302
Telephone:	+91-3222-282261, +91-9933363474, +91-8099149669