



## The Institution of Engineers (India)



35<sup>th</sup> National Convention of **Electrical Engineers**  
& National Conference  
on

**“Storing Energy for a Sustainable Future –  
Future Energy in any Isolated World”**

November 8 - 9, 2019

Venue : **Hotel Le Royal Meridien**  
1, Great Southern Trunk Rd,  
St Thomas Mount, Chennai - 600016

**Organised by**



**The Institution of Engineers (India)**

TAMILNADU STATE CENTRE

Under the aegis of

Electrical Engineering Division, IEI

## **ABOUT THE INSTITUTION OF ENGINEERS (INDIA)**

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform from which to share professional interest. IEI has membership strength of over 0.8 million. Established in 1920, with its headquarters at 8 Gokhale Road, Kolkata - 700020, IEI has served the engineering fraternity for over nine decades. In this period of time it has been inextricably linked with the history of modern-day engineering.

In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India to be accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. IEI functions among professional engineers, academicians and research workers. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating from 123 Centres located across the country. The Institution provides grant-in-aid to its members to conduct research and development on engineering subjects.

IEI conducts Section A & B Examinations in different Engineering disciplines, the successful completion of which is recognized as equivalent to Degree in appropriate field of Engineering of recognized Universities of India by the Ministry of Human Resources Development, Govt. of India. Every year as many as 90000 candidates appear for these exams. For details, please see: [www.ieindia.org](http://www.ieindia.org)

## **ABOUT TAMILNADU STATE CENTRE**

The Tamil Nadu State Centre, established at Chennai in the year, 1922, is the most active centre in the country. Since its inception, It has been serving the society in general and the engineering community, in particular with the said objectives and plays a significant role in dissemination and proliferation of knowledge amongst its members. With a meager membership to start with ,the centre has brought into its fold a large section of fraternity with a membership strength of Corporate than 26704 Corporate Members widening its horizon of technical activities and the centre has established fifteen Local Centres at Salem, Coimbatore, Ranipet, Madurai, Tiruchirappalli, Kalpakkam, Neyveli, Tuticorin, Hosur, Kanyakumari, Tirunelveli, Thiruvallur, Kanchepuram, Thanjavur and Erode to serve more professional groups.

## **ABOUT THE CONVENTION**

Energy is in the news frequently, as regions of the country and world lack power after natural disasters, companies try to find more profitable ways to pursue renewable energy sources, and the industry takes steps to expand while considering the environmental impacts of their actions. Oil and natural gas, mining, and utility companies also work in extreme environments to provide power to the world while ensuring compliance and keeping equipment in working order.

The future of energy is bright, as technological advancements continue to be made, resources continue to be uncovered. Our top conference picks feature innovative programs, leading organizations, and solutions for meeting increasing demands and safety concerns. This convention will help exploring topics such as smart grid, power grid automation, intelligent control, security, SCADA, networks and communications, and project management.

Attendees share the latest in technological developments in the electrical power industry at this conference, which features plenary sessions, panel sessions, technical papers, and tutorials by experts representing electric utilities, regulators, technology providers, and other organizations and governments. The theme of IEI-Storage '2019 is Grid Transformation, and the convention features three tracks: emerging methods and approaches for transmission and distribution system planning and analysis, the application of technology and supporting tools for storage system operations, and market and policy considerations associated with this transformation.

## PAPERS FOR PRESENTATION

- Microgrid Case Studies (both on and off-grid)
- Energy Storage for Peak Shaving/Load Shifting
- Pumped Hydro Energy Storage
- Mechanical Energy Storage (Flywheels and Compressed Air)
- Thermal Energy Storage
- Hydrogen (Electrolysis and Fuel Cell Case Studies)
- Software Solutions for Energy Storage
- Utility Energy Storage (Various Applications)
- Flow Batteries
- Energy Storage for Mining, Telecom, and Remote Communities
- Future Technologies
- Indian Scenario Case Studies
- E-mobility
- Electrical Safety
- Smart Grid

## CALL FOR PAPERS

Prospective authors are invited to submit their manuscripts reporting original research and recent developments in the topics related to the conference to reach the administrative office not later than 25th September, 2019. Kindly submit the soft copy of the presentation material in word format to our office email id: [ieitamilnadu@gmail.com](mailto:ieitamilnadu@gmail.com)

## MEMBER / DELEGATE REGISTRATION

IEI Members	INR 2500	Students	INR 1500
Non IEI Members	INR 3000		

GST 18%. Applicable extra

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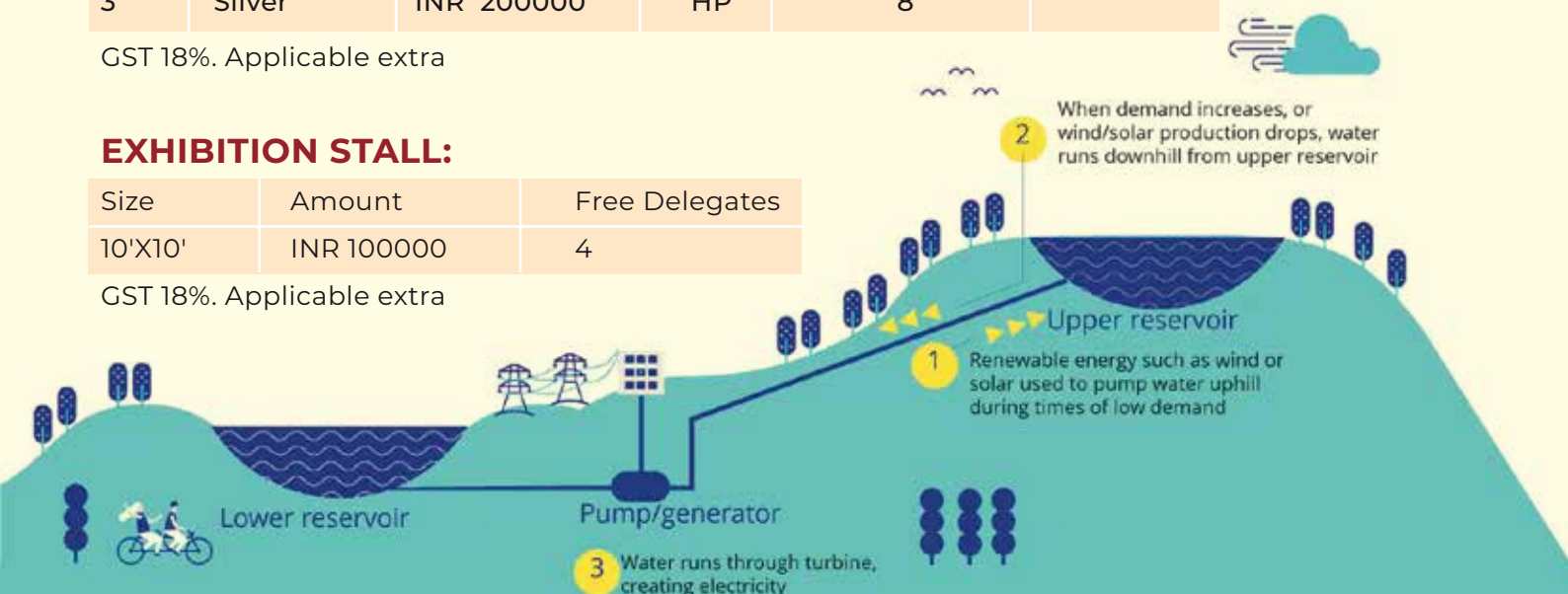
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Inside Full Page (Multicolor)	INR 25,000 / - (1 Free Delegate)
Half Page (Color)	INR 15,000 / - (1 Free Delegate)

GST 5 %. Applicable extra

## DATES TO REMEMBER:

Submission of Abstracts	30 <sup>th</sup> August 2019
Acceptance of Abstracts	10 <sup>th</sup> September 2019
Last date for submission of papers	25 <sup>th</sup> September 2019
Seminar Dates	8 <sup>th</sup> & 9 <sup>th</sup> November 2019

## REGISTRATION & PAYMENTS

All payments are to be made through crossed Demand Draft / Cheque / NEFT/ Online Net Banking Transfer In favour of **“The Institution of Engineers (India), Tamilnadu State Centre”**. In case of NEFT / Online Net Banking transfer please mention the following

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PAN No.	AAATT3439Q
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Account No.	30978808105
IFSC Code	SBIN0006489

## TRAVEL & ACCOMMODATION

All delegates are advised to make their own arrangements for travel, boarding & lodging.

### CONTACT

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