

2nd
IEEE

International Conference on
**Power Electronics, Intelligent
Control and Energy Systems**
ICPEICES-2018

October 22-24, 2018

THEME

**Power & Energy Systems
for Tomorrow**



— Organized by —



Department of Electrical Engineering
DELHI TECHNOLOGICAL UNIVERSITY
(Formerly Delhi College of Engineering)

Govt. of NCT of Delhi, Bawana Road, Delhi-110042

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ABOUT ICPEICES - 2018

ICPEICES-2018 aims to bring together researchers, scientists, engineers, scholars and students to exchange and share their experiences, new ideas, and research results about all aspects of Electrical Engineering and discuss the practical challenges encountered and the solutions adopted. The conference is being conducted to develop technical skills and to bring awareness in the fast growing field of Electrical Engineering.

THEME

The theme of the conferences is power and energy systems for tomorrow. The power scenario all over the world has changed dramatically in all its facets. Reliability and good quality power has become the watch word for the utilities. ICPEICES – 2018 will provide mainly an opportunity to discuss various issues in power & energy system technology with a changed scenario under restructuring for the planning, application of technological advancements, control, operation and maintenance of power system with its components with the object of achieving utmost economy in delivering electricity of good quality and adequately as needed towards fulfillment of aspirations of people of various countries. The conference will also focus on new development trend such as smart grid, distributed generation, renewable energy sources from the point of view of environmental impact and efficient use of electrical energy through improvement in design and performance of machines, drives, intelligent control and other devices deployed in industries.

Area to be covered, but not limited to:

Track 1- Power Electronics in Power Systems

Power Generation, Transmission and Distribution, Power System planning, Operation, Control and Reliability, Automatic Generation Control, Power Quality, Smart Grids, HVDC, FACTS, Micro-Grids, Protection, Energy Efficiency, Distributed Generation, Restructuring and Electricity markets, Power System Stability and Control Multi Level Converters and Inverters, Active and Passive Filters, Renewable Energy Sources: Wind power, Solar PV, Tidal, Wave and Hydro power, Hybrid Energy System, Super Capacitors and other storage devices.

Track 2- Power Electronics in Electrical Machines

Applications of Power Electronics in Home Appliances, Industry, Aerospace, Biomedical

and Automotives, Modeling and Simulation of Power Systems, Topologies, Analysis and Design of Switch Mode Power Supplies, Hard Switching and Soft Switching Converters, Telecommunication Power Supplies, Analysis and Design of Electrical Machines Traction.

Track 3- Intelligent Techniques and Machine Control

Fuzzy Logic, Neural Networks, Genetic Algorithms, Particle Swarm Optimization, Firefly Algorithm, Biography based Optimization, Bacterial Foraging Algorithms, Ant Colony Optimization, Swarm Intelligence, other Intelligent algorithm and their applications in process and electrical machines and power system control.

Track 4 - Control & Instrumentation

Classical Control, Robust Control, Adaptive Control, Stochastic, Control, Nonlinear Control, Optimal Control, Intelligent Control, Digital Signal Processing, FPGA and Microcontrollers, Communication, Smart Sensor, Measurement, OPAMP, Microwave, Antenna Control, Satellite, Wireless Control Other Emerging areas in Electrical Engineering

REGISTRATION

Interested participants are requested to fill up the registration form and send along with the registration fee to the Organizing Secretary. The registration fee per participant is to be paid by NEFT/Net banking/IMPS/Demand Draft, drawn in favour of "ICPEICES-2018" and payable at Delhi. The details of the registration fee are as given below:

- | | |
|---|----------|
| a) Industry Participants | Rs 10000 |
| b) Participants from R&D/
Academic institution | Rs.8000 |
| c) Student Participants | Rs.4000 |
| d) Foreign Participants | US\$ 400 |

*IEEE member will be given 20% discount in the registration fee.

PAPER SUBMISSION

The paper submission shall be as per the IEEE Guidelines given on the conference website through Easy Chair link: <https://easychair.org/conferences/?conf=icpeices2018>

The Accepted papers, which will be presented in the conference by duly registered authors, shall be uploaded to IEEE Explore. 20% of the presented papers at conference are intended to be recommended for further peer review for inclusion in IEEE Transactions on Industry Applications.

IMPORTANT DEADLINES

Date of the Conference	: October 22-24, 2018
Submission of full length manuscript	: June 30, 2018
Notification of acceptance	: July 25, 2018
Last date for Registration	: September 05, 2018

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October 22-24, 2018

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2. Designation : _____

3. Department : _____

4. Organization : _____

5. Address : _____

6. Phone No. : _____

7. Fax No. : _____

8. Email : _____

9. Type of Participation : _____

Author/ Participant

10. Accommodation : _____ Yes/No

11. Details of Registration Fee : _____

Amount : _____ DD No. : _____

Bank : _____ Date : _____

Note: Please make additional copies, if required.

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