

## 8th IEEE Power India International Conference- PIICON 2018

The IEEE Power India International Conference (PIICON) is a premier forum for presenting advances in power system and application of power electronics in power system area. The biennial conference focusses on discussing innovations in power system planning, power system operation and control, various issues in power electronics, and its applications in drives, electric traction, smart grid, HVDC, FACTS, solid state devices, and its switching techniques, microwave and millimeter wave technology etc.

IEEE PIICON has been previously organized in the year 2004, 2006, 2008, 2010, 2012, 2014 and 2016. The “**8th IEEE Power India International Conference- PIICON 2018**” is being organized under the aegis of IEEE PES-IAS Delhi chapter as well as IEEE PELS-IES Chapter Delhi Section in collaboration with **National Institute of Technology, Kurukshetra**, Haryana, India during **10 -12 December 2018**.

In view of the changing scenario under restructured power system, drives and transportation, IEEE PIICON 2018, with the theme “**Planning Operation and Control of Futuristic Power Systems**” will provide a remarkable environment to germinate innovative ideas in resolving the existing issues and ensuring smooth transition in the power system operations. The conference will feature various plenary talks, panel discussions and paper presentations on state of the art technologies in Power Systems. The emphasis will be on peer-reviewed papers with high technical quality.

Technical papers are solicited on the topics pertaining to the scope of the Conference will include, but are not limited to:

- Power System Operation and Control
- Power System Planning
- Power Quality & Harmonics
- Power System Reliability
- Power System stability
- Power System Protection
- Integrating distributed generation in to the grid
- Renewable Energy sources and storage
- Electricity Markets and Power System Economics
- Smart Grid
- Power Electronics and Drives
- Electrical Machines
- Energy Management
- Sustainable Energy
- Industrial Automation and Control
- AI Applications in Power Systems
- High Voltage
- Condition Monitoring
- Mechatronics and Embedded Systems
- Nonlinear control
- Hybrid Electrical Vehicle
- Energy efficiency
- Asset management
- Power System instrumentation
- Wide Area Monitoring and Control
- HVDC Transmission
- FACTS
- Power System Communication

- Blackouts: analysis, prevention & control
- Demand side management
- Smart Grid and Cyber Security

All the accepted papers upon presentation will be sent for consideration for posting to **IEEEXplore**<sup>®</sup> for publication.

Deadline for full paper submission is ~~10<sup>th</sup> June 2018~~ 30<sup>th</sup> June 2018. Further details can be found at conference website <http://piicon2018.org/piicon/>

Regards,

**Ratna Dahiya & Saurabh Chanana**

General Chairs

IEEE PIICON 2018