



**Report**

**of**

**8<sup>th</sup> IEEE Power India International Conference**

**(PIICON 2018)**

**Conference Id #45031**

**10-12 December 2018**

**Organized by**

**Electrical Engineering Department**

**NATIONAL INSTITUTE OF TECHNOLOGY**

**KURUKSHETRA**

8th IEEE Power India International Conference (PIICON-2018) 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 from 10<sup>th</sup> -12<sup>th</sup> Dec, 2018. Prof. Satish Kumar, Director NIT Kurukshetra and Prof. Bhim Singh, Dean Academics, IIT Delhi were the patron for the conference. Prof. Ratna Dahiya, Head of Department, Electrical Engineering NIT Kurukshetra and Dr Saurabh Chanana, Associate Professor, Electrical Engineering Department, NIT Kurukshetra were General-Chair for the conference. Mr. Sanjeev Mehra, Managing Director – Tata Power Trading Company Ltd was the Chief Guest. Distinguish Speakers, Prof D. P. Kothari, Former Director, IIT Delhi, Prof. Bhim Singh, Dean Academics IIT Delhi, Prof. S. C. Srivastava, Professor, IIT Kanpur, Dr. Vijay Sood, Associate Professor, Ontario University, Canada, Dr. C. C. Reddy, Associate Professor, IIT Ropar enlightened the conference with their experience and knowledge The participants came from across the world to exchange knowledge, experience and research ideas on Power System Operation and Control, Power System Planning, Power System Reliability, Power System Stability, Renewable energy sources and storage, Power electronics and drives, Smart grid etc. The conference aims to put together the experts from these areas to disseminate their knowledge and experience for working towards **Planning Operation and Control of Futuristic Power Systems**. Total 215 papers were submitted out of which 131 papers were selected through a rigorous review. Overall, 130 papers were presented orally in 20 technical sessions spread over three days of conference. Many technology firms OPAL-RT Technologies, Typhon-HIL, PRDC etc. participated in the conference by displaying their products and solutions in the Exhibition during the conference



Inauguration

### Details of Keynote Lectures

Keynote & Plenary Sessions	Speaker	Title of Lecture	Date/Timings
Keynote Session	Prof. D. P. Kothari	<i>Energy &amp; Environment Problems Facing the Third World and their probable Solutions using Soft Computing Techniques for Sustainable Development</i>	10 <sup>th</sup> December 2018 12.00pm – 12.45 pm
Plenary Session 1	Prof. S. C. Srivastava	<i>Transforming Electricity Sector through Smart Grid Technology : Few Challenges and Status in India</i>	10 <sup>th</sup> December 2018 02.30 pm – 03.15 pm
Plenary Session 2	Dr. Vijay Sood	<i>HVDC Transmission – Past, Present and Future</i>	10 <sup>th</sup> December 2018 03.15 pm – 04.00 pm
Plenary Session 3	Prof. Bhim Singh	<i>Power Quality Improvements in Solar PV Grid Interfaced Systems</i>	11 <sup>th</sup> December 2018 09.00 am – 10.00 am
Plenary Session 4	Dr. C. C. Reddy	<i>Space Charges in Solid Dielectrics – Influence on Electric Fields</i>	11 <sup>th</sup> December 2018 02.30 pm – 03.15 pm



Lighting Lamp



Mr. Sanjeev Mehra ,Chief Guest PIICON 2018



Mr. Satish Kumar, Director NIT Kurukshetra



Distinguish Speakers, PIICON -2018



Momento Presented by Mr Satish Kumar, Director NIT KKR to Mr. Sanjeev Mehra Chief Guest PIICON 2018



Dr. Vijay Sood delivering Lecture on HVDC Transmission Systems



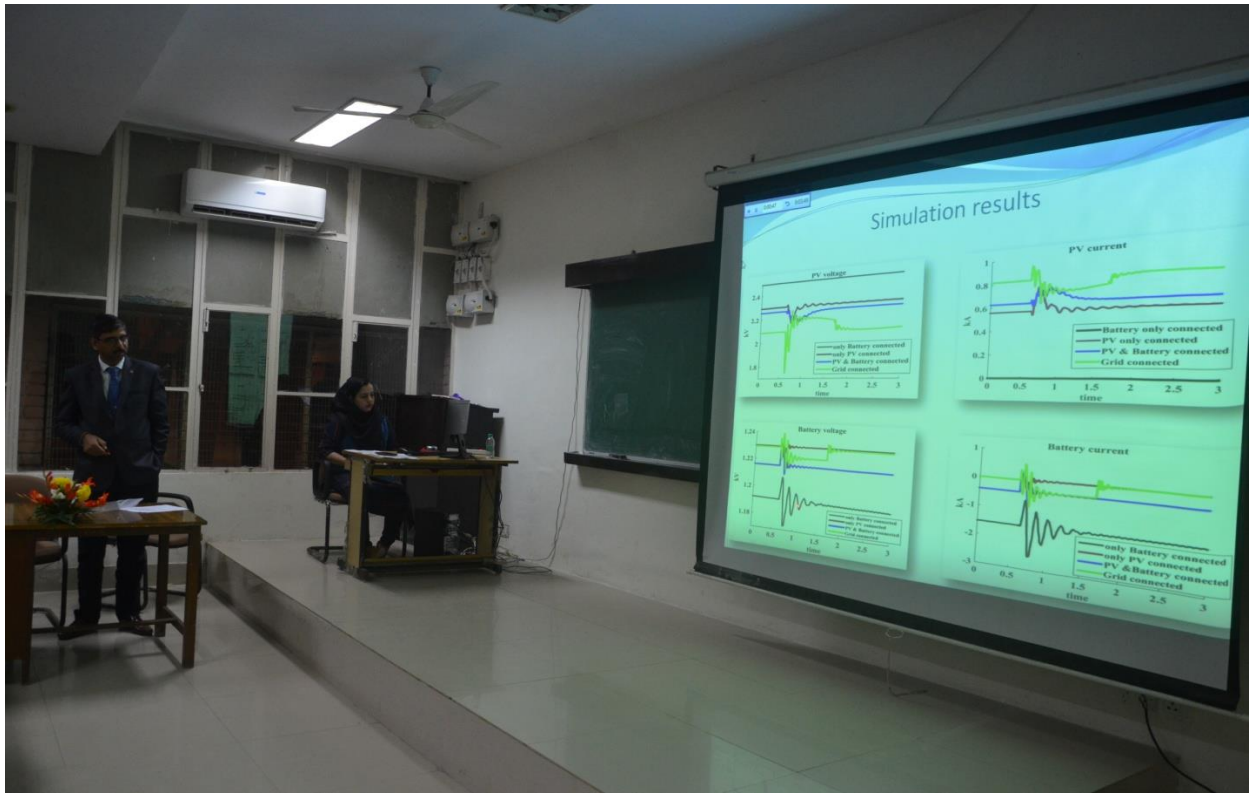
Prof. S. C. Srivastava delivering Lecture on Transforming Electricity Sector through Smart Grid



OPAL-RT, PIICON-2018 Sponsors



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Presentation given by Delegate



Presentation given by Delegate





Presentation given by Delegate



Dinner at Gust House NIT Kurukshetra



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