About 19th NPSC-2016:

The National Power Systems Conference (NPSC) has been India's premier conference in the area of power systems since 1981. It is a biennial conference providing a platform for researchers and engineers from Academia, Industry and Utility to exchange their knowledge, expertise and experience and deliberate on the challenges of current and future electric power systems. The main theme of the conference is "Towards reliable, safe and secured Smart-grid infrastructure" and will include presentations from Industries, Utilities and R&D organizations. The conference will feature various plenary talks and panel discussions on power systems. The 19th National power System Conference NPSC-2016 is being hosted by the School of Electrical Sciences, IIT Bhubaneswar during 19-21 December 2016.

Call for papers:

Conference welcomes papers on the following themes. However, papers related to other areas of electrical power not specified in the under mentioned categories are also invited:

Smart grid
Wide area monitoring and network control
Network communication and control
Signal processing applications in power systems
Design, development and placement of smart sensors in power system
Next generation control centre: EMS/SCADA, state estimation and cyber security
Storage systems for grid with uncertain resources
Grid optimization
Static and dynamic component modelling
Power system stability and control
Impact of distributed generation on security and reliability of power systems
Challenges with integration of renewable energy sources
Grid challenges: Planning, interconnection, operation and control
Transmission planning under market and regulatory uncertainty
Flexible grid planning under uncertainty
Protection, special schemes and control integration
Design of Power components and systems
Intelligent monitoring of high voltage power equipment
Black-out prevention and restoration
Power system restructuring
Power system economics
Distribution system restructuring
Power electronics and drives
FACTS controllers
Power quality monitoring and mitigation

Technical Program

Paper Presentation
Panel Session / Plenary Talks
Insdustries / Utilities / R&D Presentations
Tutorials

Important Dates

Paper submission opens: February 15, 2016
Last date for paper submission: June 25, 2016
Last date for notification of acceptance: August 31, 2016
Last date for final submission of paper: September 30, 2016
Start online registration October: 15, 2016
Last date for online registration November: 15, 2016

Registration Fee

Delegate form Industries / Utilities / R&D Org	: ₹ 10000
Delegates from academic institutions	: ₹ 7000
Student Delegates	: ₹ 3500
Delegates from Abroad	: US $ 400

Note: At least one author has to register online before the last date for the final submission of a paper. A discount of 20% will be available for online registration of IEEE members

Information for Authors

All the accepted papers will be included in IEEE Explore. The authors have to submit the full paper in the IEEE double column format, restricted to a length of six (6) pages. Last date for paper submission: 15th May 2016. Detailed instruction and guidelines regarding paper submission will be made available at the following URL: http://www.iitbbs.ac.in/conference/npsc2016

Sponsorship

Financial sponsorship to the 19th NPSE – 2016 are welcomed under the following categories. Prospective sponsors are requested to visit the conferences website http://www.iitbbs.ac.in/conference/npsc2016 to get more details about the type of sponsorship and the associated benefits.

Platinum Sponsor	: ₹ 6 Lakh
Gold Sponsor	: ₹ 4 Lakh
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Bronze Sponsor	: ₹ 2 Lakh

About IIT Bhubaneswar

IIT Bhubaneswar is one of the eight new Indian Institutes of Technology established by the Ministry of Human Resource Development, Government of India under The Institutes of Technology (Amendment) Act, 2011. It started functioning from the campus of IIT Kharagpur on 23 July 2008 and shifted its operation to the city of Bhubaneswar on 22 July 2009. At present, the Institute has seven schools and within a short period of time, IIT BBS has been able to build up world class infrastructure for carrying out advanced research and is equipped with state-of-the-art scientific and engineering laboratories. The expansive 936 acres of campus is situated at the foothills of Barunei Hills in Jatani, Bhubaneswar on NH-5 located nearly 30 kilometres from Bhubaneswar Railway Station. The Institute has pleasant and a friendly environment which facilitates a multidimensional growth of the individual in the campus.

About School of Electrical Sciences, IIT Bhubaneswar

The mission of the School of Electrical Sciences is to shape graduates into hardcore professionals who would become effective leaders and noteworthy innovators in the technology areas of Electrical Engineering, Electronics and Communication Engineering, Instrumentation Engineering, Computer Science and Knowledge Engineering. While producing competent professionals and responsible citizens, it is also our endeavor to ensure that our graduates adhere to ethical values in life and be sensitive to environmental and social issues and to motivate and encourage our students to engage in lifelong learning which would help them keep abreast with contemporary developments in their fields of operation and enable them to leverage on the power of knowledge to become outstanding performers in whatever careers they choose.

About Bhubaneswar

Bhubaneswar, the capital of Orissa, is also popularly known as the "Temple City of India". Being the seat of Tribhubaneswar or 'Lord Lingaraj', Bhubaneswar is an important Hindu pilgrimage centre. The new Bhubaneswar with its modern buildings and extensive infrastructure perfectly complements its historic surroundings. With facilities to cater to every type of visitor, Bhubaneswar makes an ideal tourist destination. It is the largest city in Odisha and is a centre of economic and religious importance in Eastern India.

The city is bounded by the Daya River to the south and the Kuakhai River to the east, the Chandaka Wildlife Sanctuary and Nandankanan Zoo lie in the western and northern parts of Bhubaneswar, respectively. Bhubaneswar is in Khordha district of Odisha. It is in the eastern coastal plains, along the axis of the Eastern Ghats mountains. The city has an average altitude of 45 m (148 ft) above sea level. It lies southwest of the Mahanadi River that forms the northern boundary of Bhubaneswar metropolitan area, within its delta.

Bhubaneswar has been traditionally home to handicrafts industry, including silver filigree work, appliqué work, stone and wood carvings and patta painting, which significantly contributes to the city's economy. The twin hills of Khandagiri & Udayagiri, served as the site of an ancient Jain monastery which was carved into cave-like chambers in the face of the hill. These caves, with artistic carvings, date back to the 2nd century BCE. Dhauli hills has major edicts of Ashoka engraved on a mass of rock and a white Peace Pagoda was built by the Japan Buddha Sangha and the Kalinga Nippon Buddha Sangha in the 1970s. The city is well connected by rail, air and road to the rest of the country and enjoys a very pleasant weather in the month of December.

Contact us:

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19th National Power System Conference

NPSC – 2016

19th – 21st December

Organised by

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Indian Institute of Technology Bhubaneswar

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