

India Council IEEE PES Chapter, Bhubaneswar

National Workshop on Emerging Technologies in Electrical Power Engineering (NWET-2018)



India Council PES IEEE and IEEE Bhubaneswar subsection extended technical sponsorship to the National workshop on emerging technologies (NWET 2018) hosted by the Electrical and Electronics Dept. of Silicon Institute of Technology Bhubaneswar from 8th Feb 2018 to 10th Feb 2018. This workshop addressed “Advances in Power Transmission” covering:

- An overview of the recent advances in the area of voltage-source converter (VSC)
 - HVDC Technology
 - Wide area stability controllers
 - State estimation of transmission system
- Automation of transmission system
 - Role of Smart grid with large scale penetration of renewable sources
 - Smart System in Power Transmission
 - Latest trends in asset management in Power Grid
 - Condition monitoring of Transformers
 - Operation of distribution network in floating mode

Inaugural Session

Mr. Bibhu Prasad Mohapatra, Director, OPTCL was the chief guest at the workshop. He spoke on the power scenario in the state and how OPTCL was alert to modernization. The others who followed were Prof A K Tripathy, Chair, IEEE India Council PES Chapter, Mr. K. Ramakrishna, Chair, IEEE R10 Nominations & Advisory (2017-18), Prof J. Talukdar, Principal, SIT

Expert Speakers

The expert speakers who spoke at the workshop sessions include: K. Ramakrishna, Former GM, PGCIL; Dr. Subhransu Samantaray, IIT, Bhubaneswar; Er. A. K. Tripathy, Former DG, CPRI; Er. Guru Prasad Mishra OPTCL; Mr. P. K. Pattnaik, GM, OPTCL; Prof. R. Sarathi, IIT Madras; Dr. Balaraman, DG, National Institute of Wind Energy, Chennai; Prof. Anil Kulkarni, IIT Mumbai; Prof. Debapriya Das, IIT, Kharagpur; Er. Eswara Rao, PGCIL, Bhubaneswar; Dr. John Benedict, IEEE, Hyderabad; Dr. Shekhar M Kelapure, GM, PRDC; and Ms. Irabati Chakraborty, Schneider-Electric, Kolkata.

There were 113 registered delegates from Academia, Industry and Utility and a number of IEEE student volunteers from Silicon IEEE student branch.

Facebook building a team to make its own chips: Social media company Facebook is building a team to design its own semiconductors, according to reports. The company is looking to hire engineers to build an "end-to-end SoC/ASIC, firmware and driver development organization," according to a job listing. Facebook might use such chips to power hardware devices, artificial intelligence software, and servers in its data centers, reports said.

Xiaomi planning biggest ever IPO at \$100 billion: Chinese electronics company Xiaomi is planning biggest-ever initial public offering (IPO) next month and is targeting a valuation of about \$100 billion, according to reports. Xiaomi has reportedly chosen Morgan Stanley, Goldman Sachs Group, Credit Suisse Group AG and Deutsche Bank AG for its IPO. The last biggest IPO was Chinese conglomerate Alibaba Group's \$25-billion debut in 2014.

France building its own WhatsApp rival over spying risk