

Recent Trends on Smart - Grid Technology

Resource Persons

Experts from NITs, IITs and other institute of repute.

General Information

National Seminar titled “Recent Trends in smart Grid Technology” will be held in the Department of Electrical Engineering, PMEC, Berhampur on 6th December, 2019, followed by presentation. Faculty members, research scholar, M.Tech and B.Tech students can attend the seminar.

Theme of Seminar

- Smart Grid
- Power System
- HVDC and FACTS
- Renewable Energy
- Power Electronics
- Control system
- Soft Computing application in EE

6th December 2019



Organized by

**Department of
Electrical Engineering**

Parala Maharaja Engineering College,
Sitalapalli, Brahmapur, Odisha – 761003

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TEQIP-3

Technical Education Quality Improvement Programme

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About Us

Parala Maharaja Engineering College (PMEC), Berhampur is the first Government Engineering College (NAAC Accredited) in Southern Odisha. It was established in the Year 2009 as the Constituent College of BPUT, Odisha. Since its inception it has emerged as one of the premier technical institute in the state. The main objective of the institution is to produce quality engineers in various streams. The institute is well known for its well qualified proficient faculties and competent students. At present, the campus spreads over 85 acres which consists of Academic Block, two Workshops, one Multipurpose Utility Block, three Halls of Residences, Open Gym, Playground, Guest House & Staff Quarters. The college offers 9 B. Tech and 7 M. Tech courses.

The silk city Berhampur is located on the eastern coast-line of Odisha. It is one of the oldest cities of the state famous for its silk works, temples and culture. The city is well connected by roads and rails to all parts of our country.

The department of Electrical Engineering has been playing a vital role in producing Engineers and Scientists of highest caliber since its inception in the year 2009. At present, it offers Under Graduate and Post Graduate programs in Electrical Engineering to cater to the ever challenging needs of technical excellence in all areas of Electrical Engineering such as Power Electronics and Drives, Power & Energy System and Power System Engineering. The department is having a vibrant atmosphere due to the combination of input of brilliant students, availability of outstanding faculty members and innovative research work in all areas of Electrical Engineering.

Objective of the Seminar

The objective of the seminar is to create awareness on the recent developments in Smart Grid technology. Experts from IITs, reputed institutes and industry will share their valuable experience in the related field. The faculties and research scholars will be exposed to the research horizon in the area.

A smart grid is an electrical grid which includes a variety of operation and energy measures including smart meters, smart appliances, renewable energy resources, and energy efficient resources. Electronic power conditioning and control of the production and distribution of electricity are important aspects of the smart grid.

A smart grid is an electricity network allowing devices to communicate between the suppliers to consumers, allowing them to manage demand, protect the distribution network, save energy and reduce costs.

