

## About the Workshop:

Developments in Smart-Grid Technologies have gained momentum in recent years. This brings various issues starting from wide area monitoring, communication, control & protection, security for effective and reliable operation of the power networks. This workshop aims to include sessions with high grade lectures followed by simulation practices on Real Time Digital Simulator (RTDS) platform in the Laboratory. The major topics to be covered in this workshop are as follows.

- Introduction to Smart-Grid
- Phasor Measurement Unit and its application
- Wide-Area Monitoring (WAM) in Smart-Grid.
- Intelligent protection in Smart-Grid
- Intelligent control in Smart-Grid
- Wireless Sensor Network(WSN) in Smart-Grid application
- Cyber-Security in Smart-Grid
- Smart-Grid studies on **Real Time Digital Simulator (RTDS)** platform

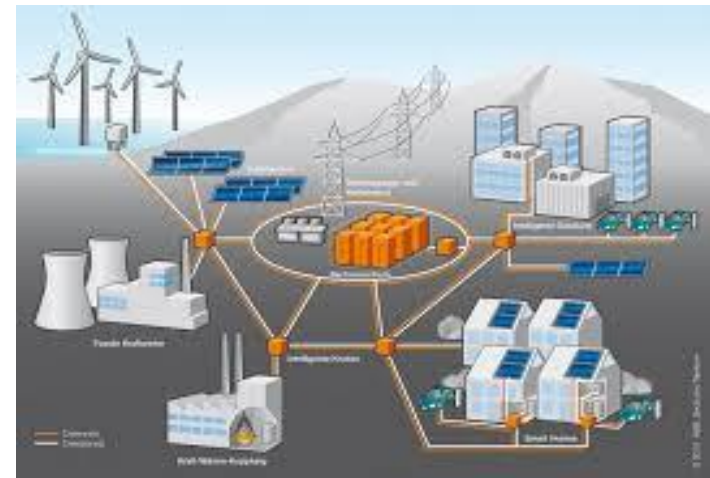
### Who can attend?

This national workshop aims at academicians, researchers and engineers from Industries for active participation.

### Venue

School of Electrical Sciences  
IIT Bhubaneswar (Samantapuri Campus)  
Bhubaneswar, Odisha, 751013

## NATIONAL WORKSHOP ON RECENT DEVELOPMENTS IN SMART-GRID TECHNOLOGIES (NWSGT-2014)



8-9 November 2014



**Organized by**

**School of Electrical Sciences  
Indian Institute of Technology,  
Bhubaneswar**

**Coordinator**

**Dr. Subhransu Ranjan Samantaray**

## Travel & Lodging Arrangements

Travel and lodging expenses have to be borne by the participants or their sponsoring organizations. However, a limited number of discounted accommodations can be booked in close by hotels on request with advance payment. The registration fee includes working lunch and tea.

### Contact

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Assistant Professor  
School of Electrical Sciences  
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### Fees:

Registration fee  
(Except lodging, travel and dinner):  
Delegates from Industry: Rs. 3000/-  
Academicians: Rs. 2000/-  
Students: Rs. 1500/-

The application form for the national workshop has to be sent to the contact address and should be accompanied by registration fee in the form of crossed demand draft from any nationalized bank of India drawn in favour of “CEP, IIT Bhubaneswar” payable at Bhubaneswar.

## Application Form:

Name: \_\_\_\_\_  
Designation: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
Email: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Highest Educational Qualification: \_\_\_\_\_

Brief Present Professional Activity: \_\_\_\_\_

*Please select the appropriate box below regarding course fee:-*

- Delegates from Industry: Rs. 3,000/-
- Academicians: Rs. 2,000/-
- Students: Rs. 1,500/-

*Course fee payment details:*

Demand draft No: \_\_\_\_\_ Amount: Rs. \_\_\_\_\_ Dated: \_\_\_\_\_

Signature of applicant

*For candidates from Government/Private Agencies:*

Dr/Mr/Ms.....is sponsored to attend the course.

(Signature of Sponsoring Authority with date and seal)

*For Academicians/M.Tech/Ph.D/ student*

The application of Dr/Mr/Ms..... is herewith forwarded.

(Signature of Head of the Institute/Dept. with date and seal)