Registration Form

AICTE Sponsored National Seminar
on
DISPERSED GENERATION AND SMART GRID
29th Nov – 1st Dec 2013

Name: _____

Department: _____

Institution: _____

Gender: _____

Address for communication:

_____

_____

_____

Telephone: _____

Mobile: _____

e_mail: _____

Place: _____

Date: _____

Declaration:
The information furnished above is true to the best of my knowledge. I agree to abide by the rules and regulations framed by the governing body. If selected, I shall attend the course for the entire duration.

Signature of the Participant

Signature of the Sponsoring Authority

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Prof. Geetika Mudali

CONVENER
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Contact :
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The details of the seminar is available in the college website:
www.nist.edu
For any clarification:
Mob: 07735030077, 07377630437, 09861845744
or e-mail: dgsg2013@nist.edu

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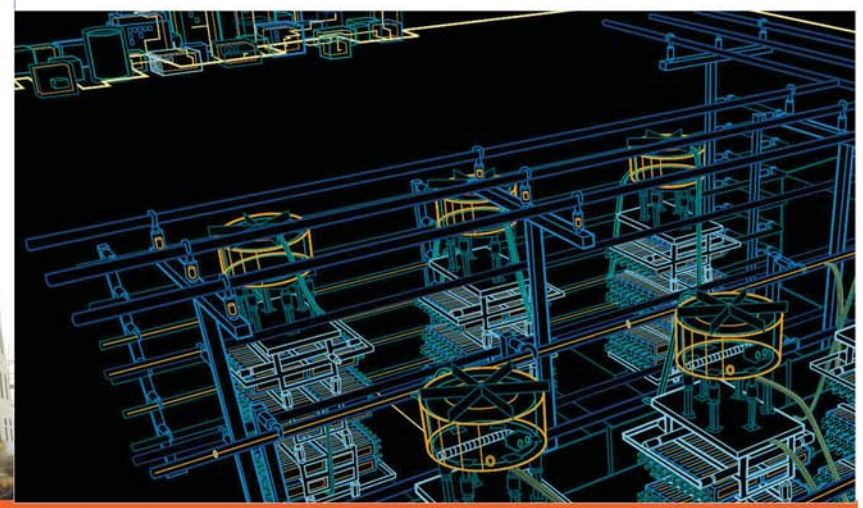
on
DISPERSED GENERATION AND SMART GRID
29th Nov – 1st Dec 2013

Organised by

NATIONAL INSTITUTE OF SCIENCE & TECHNOLOGY
Palur Hills, Berhampur, ODISHA-761008

DGSG-2013



About the Seminar:

Smart grid vision integrates a whole host of software and hardware solutions with the aim of modernising the power grid across its entire value chain. This comprises solutions that aim to optimize the process of energy delivery and utilization, starting at the high voltage transmission grid, going through the medium voltage distribution grid, and all the way to low voltage consumption. Central to the smart grid vision is the aim to increase energy efficiency and enhance power system reliability. Energy efficiency relates to power grid losses, whereas reliability is closely tied to outages. The traditional power grid topology is based on one way power flow from a centralized power plant through a massive grid of various voltage levels to the end users. One way to reduce technical losses incurred through the energy delivery process is to reduce the power transmission distance by utilizing distributed energy resources (DER) placed close to the loads.

The seminar will try to update & encourage the research & developments in the area to the community involved & open up a forum of discussion with the experts from the field. The seminar will also include the visit to the NIST renewable development centres.

About School of Electrical Sciences:

The School of Electrical Sciences was started in 1996 with 60 seats (Electrical & Electronics Engineering) in B. Tech., which today has reached 180 including the evening shift of the course. It added M.Tech. in Power System specialisation to its curriculum in 2009 under BPUT, Odisha & AICTE. It added 60 more seats to B.Tech in the stream of Electrical Engineering in 2012. It includes various interdisciplinary research facilities in the area of Industrial automation, VLSI, RE developments (Smart Grid & HEVs), It has excellent Power System & design laboratory with all updated design software as in E-Tap, PS-CAD, Bond graph & recent licensed version of MATLAB. It has a well equipped research based library with more than one thousand book capacity.

About NIST:

The National Institute of Science and Technology was established in 1996 and is being managed by the SM Charitable Educational Trust. The Institute is approved by the AICTE under MHRD, Govt of India and is affiliated to the Biju Patnaik University of Technology (BPUT). The Institute campus of 60 acres is located at the picturesque Palur Hills about 12 kms from Berhampur and 3 hrs drive from Bhubaneswar. The Institute has grown by leaps and bounds under the able leadership of the founder Director, Prof. Sangram Mudali, Director (M.S., University of Houston, B. Tech., IIT Kanpur) and Prof. (Mrs.) Geetika Mudali, Placement Director, (M.S.(MIS), New Jersey Institute of Technology, NJ.

About 4000 students are studying in various disciplines of B.Tech., M.Tech. (CSE, ECE, EE, EIE), MCA, MBA & PGDM at NIST. The entire campus is 24x7 wi-fi connected. The institution has TIFAC CORE for 3G & 4G R&D & many of the Center of excellences in its premise: COE CADENCE, COE NI for LABView, COE for Renewable energy studies, COE IBM, besides many extra syllabus research oriented laboratories as Computer vision laboratory, Network Security laboratory, including the state of art syllabus laboratories.

Keynote Lectures:

Resource persons (tentative) to impart their expertise in the seminar will be from the academics, industries and Govt. R&D bodies.

- Prof. Juzer Vasi, IITB*
- Prof. S. P. Gonchaudhuri, NBIRT*
- Dr. Ashvini Kumar, SECI/MNRE*
- Mr. A. K. Choudhuri, OREDA
- Mr. Reji Kumar, India Smart Grid*
- Prof. K. Srinivas Reddy, IITM
- Dr. Anil K. Rajvanshi, Director, NARI, Maharashtra

In addition to this, resource persons from Siemens, Schneider, DST Odisha, OREDA, NABARD, MNRE, TIE also have program to visit and contribute in the seminar.

Eligibility:

The participation for the seminar is open for all academic and industry participants across the country preferably working in the area of the topic. Beginners & research student participants are also encouraged to attend.

Registration:

Registration form in the attached format along with declaration should reach the convener on or before 20.11.2013. Confirmation of participation will be intimated latest by 25.11.2013.

Accommodation:

Accommodation will be provided (with prior intimation) at Gopalpur on Sea.

Major areas of Research:

- Instrumentation & Control in grid automation.
- Advanced Smart Grid Embedded DERs development.
- Individual grid merging of the DERs.
- Transient stage of going to grid-connected mode.
- Steady stage of grid connected mode.
- Transient stage of going to island mode.
- Steady stage of island mode.
- Other relevant works to the field.

Paper Format:

The paper must be written in English limited to a maximum of 6 pages including references and must confirm to IEEE double column format. The soft copy (.doc) of the paper should be sent to the convener.
E-mail: dgsg2013@nist.edu
The registered & selected papers will be published in the seminar proceeding.

Submission Deadlines:

- Abstract: 15th Nov-2013
- Full Paper: 22nd Nov 2013
- Author Registration: 20th Nov 2013
- Participant registration: 25th Nov 2013