

SEMINAR ON
"SMART GRID TECHNOLOGY"

ON

1ST OCTOBER, 2011

(Please fill in CAPITAL LETTERS only)

Name Dr. /Mr. /Ms.

.....

(First Name) (Middle Name) (Last Name)

Designation:

Qualification:

Institute:

Address:.....

.....

Contact No (With STD code):

(M):

e-mail:

Date:

Signature:

Encl: DD No. Dated:

Drawn On..... Registration fee should be paid by A/C payee demand draft drawn in favour of "Gujarat Technological University" payable at Ahmadabad.

Last date of registration is 25th September 2011



Inauguration

Venue: AMA Auditorium

Date: 1st October, 2011

Time: 9:30 am

Patron

Dr. Akshai Aggarawal

Hon. Vice Chancellor,

Gujarat Technological University

Programme Director

Wg. Cdr. C. G. Pandya
(Retd.)

Honorary Director

Environment and Green
Technology Board, GTU



SEMINAR
ON
SMART GRID
TECHNOLOGY



Organized by:

Gujarat Technological University



2nd Floor, ACPC Building,
L.D. College of Engineering Campus

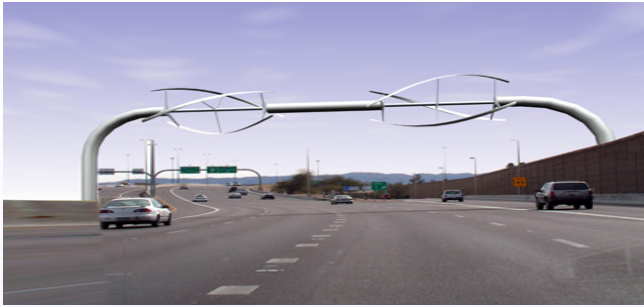
Navrangpura,

Ahmedabad - 380 015.

Phone: + 91 - 7 9 - 26300499 / 599

Fax: + 91 - 7 9 - 26301500

E-mail: info@gtu.ac.in



About the seminar

This one day seminar is intended for those professionals who are interested in developing new areas in the field of SMART GRID TECHNOLOGIES. The smart grid system contains information about what electric power is available and at what cost as well as what power is needed by the end users. The success of such a system may sound deceptively simple but its implications are quite profound. The system captures the money value of power in terms of Rupees per Kilo Watt Hour (KWh) at a given point of time changing as it flows from supply towards consumption along with the path of electricity delivery system. As it moves through the system, it increases the incentives in the system allowing both intelligent devices and consumers to make smart decisions about energy use at every site. The important thing is that such developments can also help the nation increase its use of alternative energy sources like wind and solar energy. In view of the excellent resources available in Gujarat, this is all the more relevant for all future developments.

Seminar theme

The idea of Smart Grid developments is spreading fast in USA, EU Countries and Australia. A self-healing, more reliable, less constrained, much safer and more efficient electrical network is indeed in great demand all over the world. The major benefits of a smart grid network include the following.

- Improved grid reliability
- Reducing costs at the consumer end
- Providing power through flexibility in every consumption pattern
- Promoting environmental quality by using diversified power generating systems (like wind, solar etc)

The demands from increased economic activities and the rising living standards of a large population like ours has now led us to a situation where the supply of energy falls short of the demand. Poorly planned and old types of distribution network systems as well as high losses in the power transmission and distribution systems (including power theft) coupled with low metering efficiencies are presently creating problems in most state electricity boards in the country. It is therefore very essential now that Smart Grid options are resorted to. Efficiency and economy built into the Smart Grid networks can give unique opportunity to leapfrog into a greatly improved power network if we start planning for a Smart Grid system. People, business, environment and the country can all benefit from this win-win situation.

Eligibility:

Business executives, Entrepreneurs eyeing for new technologies, Professors from Engineering profession, Students from ME (Electrical, any sub-branch), BE (Electrical) and final year BE (Electrical) students are all eligible to take part in this seminar.

It is intended to have participants from both industry and academia. 150 participants expected for this seminar.

Registration:

Please send your application along with the registration fee. The registration fee can be paid by demand draft, in favour of "Gujarat Technological University".

The last date for registration is 25th

September 2011. The registration can be done by using the form in brochure or by downloading the form from the GTU website.

Registration Fee:

For students: Rs 100/-

For faculty/ Teaching staff: Rs 200/-

Industrial delegate: Rs 500/-

Send Application To:

Priyanka Trivedi: -079-26300499/599

events@gtu.edu.in