

REGISTRATION FORM

One Week Faculty Development Program

on

“Distributed Generation and Power Quality Issues”

(Under TEQIP Phase – II)

30th June to 5th July, 2014

1. Name : Prof./Dr./Mr./Ms. _____

2. Age (years) _____

3. Qualifications _____

4. Designation _____

5. Department _____

6. Institution _____

7. Experience (in years)
Teaching _____
Industry _____

8. Address: _____

Phone: _____

E-mail: _____

9. D.D. Particulars

Amount Rs.: Date:

D.D. No: Bank:

Date Signature of the applicant

Signatures of the Sponsoring Authority
(Brochure can be downloaded from our website:
www.uceou.edu)

Registration Fee:

Engineers from Industry : Rs. 4000/-
Teachers from
Academic Institutions : Rs. 3000/-
Research Scholars / Students : Rs. 2500/-

The Payment of Registration fee is to be made by a Demand Draft in favour of **“Head, Department of Electrical Engineering, UCE (A), OU”**.

Filled-in application forms may also be sent by e-mail with a scanned copy of the DD to gvnlakshmi@rediffmail.com. Original DD should be submitted at the time of Registration.

Important Dates:

Last Date for
Receipt of applications : **23rd June, 2014**
Intimation of
Selected Candidates : **25th June, 2014**

Contact Person

Mrs. G.V.Naga Lakshmi

Assistant Professor
Dept. of Electrical Engineering
UCE(A), Osmania University
Hyderabad - 500007
Phone: 9492047114
E-mail: gvnlakshmi@rediffmail.com

Accommodation & Transport

Male participants are requested to make their own arrangements. Accommodation will be provided on request for the outside lady participants only in ladies hostel on payment basis (with nominal charges).

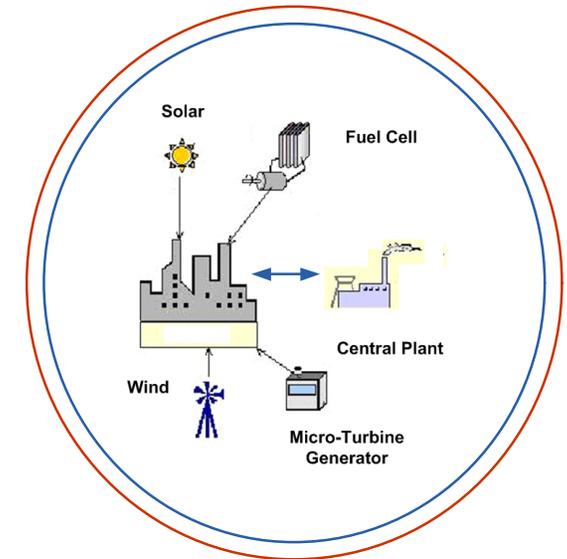
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Department of Electrical Engineering
University College of Engineering (A)
Osmania University
Hyderabad – 500 007

About the course:

This one week Faculty Development Program aims at exposing the faculty members and participants to various recent developments in the Distributed generation (DG) and power quality issues. In the last decade, the concept of many small scale energy sources dispersed over the grid gain a considerable interest. DG is expected to become more important in the future generation system. Most of all, technological innovations and a changing economic and regulatory environment are the main triggers for this interest. Distributed generation has become an important option when planning new generation capacity and it offers the customer choices in size, fuel flexibility and generation technology for onsite generation. A key for using DG as a resource option for electric utilities is the successful integration of DG with system planning and operations.

For many electric appliances and equipment that are sensitive to micro-second perturbations in the flow of electricity, a high level of power quality is critical to avoid damages and downtime. Voltage sags and swells, frequency excursions, harmonics, flicker and phase imbalances comprise the major power quality concerns that can cause substantial economic impacts.

Tentative topics to be covered

- ❖ Role of distribution generation – Past, Present and future
- ❖ Power quality issues on DG
- ❖ Power Quality issues in renewable sources
- ❖ ANN and Fuzzy logic control applications
- ❖ PQ detection algorithms etc.,

Resource Persons

Resource persons are drawn from premier institutions like IITs, NITs, Universities, Industries and many other reputed institutions.

Eligibility

The workshop is open to Teachers and Research scholars from the institutions recognized and approved by AICTE, Engineers from industry or any other organization.

Department of Electrical Engineering University College of Engineering (A) Osmania University, Hyderabad.

The University College of Engineering was established in the year 1929 and celebrated its platinum Jubilee in 2004. The college became autonomous in 1994.

The Department of Electrical Engineering was started in the year 1949 and celebrated its Golden Jubilee during the academic year 1999-2000. The post-graduate course in Electrical Machines was started in 1966. With a view to provide support to industry, two more diversifying post graduate programs were introduced in 1971 for both part-time and full-time students. The Ph.D program was introduced in 1972. The Department is well equipped with Circuits Lab, Computer Lab, Control Lab, Integrated Circuits Lab, Microprocessor Lab, Power Electronics Lab and Power Systems Lab. Recently, the Department has established Drives Lab with AICTE funding. The Department has procured latest software, machines and other sophisticated equipment under TEQIP.



Chief Patron

Prof. S. Satyanarayana

Vice Chancellor, Osmania University

Patron

Prof. V.S.S.Kumar Principal

UCE (A), Osmania University, Hyderabad

Chairperson

Dr. M. Manjula

Head, Dept. of Electrical Engg., UCE (A)
Osmania University, Hyderabad.

Coordinators

Mr. CH. Siva Kumar

Assistant Professor, EED, UCE (A), OU

Mrs. G.V. Naga Lakshmi

Assistant Professor, EED, UCE (A), OU

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Prof. G. Yesuratnam

Mr. B. Mangu

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