



To,
Dr. Ashwani Kumar
Department of Electrical Engineering
National Institute of Technology
Kurukshetra, Haryana, INDIA
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The registration form, complete in all respects, duly forwarded by the Head of the institution, accompanied by the demand draft and a covering letter should reach the course coordinator on or before Nov.10, 2007 for candidates from academic institutions and industry participants.

PARTICIPATION FROM INDUSTRY AND R&D ORGANISATIONS

Participants from utilities, industries and other organizations are also allowed to attend the course with a registration fee of Rs 2500/-. This must be paid in advance through a crossed bank draft in favor of "Short Term Training Programme on PSOCNE" payable at State Bank of India, NIT Kurukshetra. Boarding and lodging and travel expenses shall be borne by the participants. Accommodation can be arranged on request

IMPORTANT DATES FOR QIP CANDIDATES

Last date of receiving application	Nov.10 th , 2007
Notification about selection	Nov. 15 th , 2007
Confirmation from participants	Nov. 20 th , 2007

COURSE COORDINATOR and CO- COORDINATOR

Dr Ashwani Kumar and Dr. L. M. Saini
Department of Electrical Engineering
National Institute of Technology, Kurukshetra
136119, INDIA
Phone: (M) 09416366091, 09416137773
Fax: 01744-238050
Email: psocne@gmail.com
Note: Selected candidates will be informed by fax/email, if provided.

ANNOUNCEMENT

Short-Term Course

On

POWER SYSTEM OPERATION AND CONTROL IN NEW ENVIRONMENT

November 26 – 30, 2007

Sponsored By:

Technical Education Quality Improvement
Programme (TEQIP)



Organized By:

**Department of Electrical Engineering
National Institute of Technology,
Kurukshetra**

INTRODUCTION

Restructuring of electric supply industries (ESI) is taking place, all over the world, in different forms due to social, economic, and technical reasons. It has a strong impact on Indian power industry as well. India in its electricity act 2003, has already taken the first step in the direction of restructuring, in the form of unbundling generation, transmission and distribution business. Due to increased demand in electrical energy power utilities are facing challenges in their optimal, secure and economic operation. They need fast computational tools based on simple and robust methods to take care of any eventuality in the system.

The main objective of this course is to enhance the knowledge of the participants in the modern trends of power system operation and control including security analysis, optimal power flow, stability issue and energy management system. Future power system structure and operation will be quite different from the existing one. This course will also provide a platform to an in-depth discussion on the various challenges the ESI will face in future for their operation and control and also the possible remedies. The course will benefit participants from academics, R&D institutions, professional engineers from utilities and policy makers.

SCOPE OF THE COURSE

The course will introduce fundamentals of power system operation & control practices including the security analysis, stability studies, optimal power flow and grid management. The deregulation processes adopted in selected countries will be covered. Different restructuring models and technical problems in operation and control including the congestion management, ancillary services, automatic generation and control, price forecasting and load forecasting, power systems security, state estimation etc will be discussed.

COURSE DETAILS

The National Institute of Technology, Kurukshetra conducts courses in Engineering and Science for the benefit of the faculty of engineering colleges in the country. This technical course is sponsored by TEQIP. Research scientist/engineers/policy makers working in industries, utilities and other R&D organizations also benefit from this exercise.

Course Duration and dates: Nov. 26-30, 2007

Faculty: The faculty for the course will be drawn from IIT's, NIT's, other institutions and organizations and Department of Electrical Engineering of NIT Kurukshetra.

PARTICIPATION FROM ACADEMIC INSTITUTIONS

Maximum thirty participants from academic institution will be selected to attend the course. Applicants should be engaged in teaching. Selected candidates have to arrange their TA along with the course fee from their parent institute. Accommodation* will be arranged in one of the students' hostels at NIT Kurukshetra. Application should be made on the registration form (photocopy is also acceptable) along with a registration fee deposit of Rs. 500/- in the form of a crossed bank draft drawn in favor of "Short Term Training Programme on PSOCNE" payable at State Bank of India, NIT Kurukshetra. The brochure can be downloaded from www.nitkurukshetra.org.

* Accommodation will be arranged on request subject to availability on first come first serve basis.

REGISTRATION FORM

Short-Term Course On
**POWER SYSTEM OPERATION AND CONTROL IN
NEW ENVIRONMENT**
Nov. 26-30, 2007

Name _____
Date of Birth _____ Designation _____
Organisation _____
Address for correspondence _____

Phone _____ Fax _____
Email _____

Degree	Year	University

Experience _____ Years _____ Months
Nature of Experience _____

Research/Development Interests _____

Accommodation required: Y/N

Payment Details

Draft No. _____ Issuing Bank _____
Amount _____ Drwan On _____

Sponsored By

Name _____
Designation _____
Organisation _____

Signature (applicant)

Reccomended

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