



One-Week Online Short term Course on

'Power System Restructuring & Renewable Energy Integration (PSRREI) 3.0'

06 Sept 2021 – 10 Sept 2021

Organized By

Electrical and Electronics Engineering Department



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING

A-4, Paschim Vihar, New Delhi-110063

Technical Partner



The Institution of Engineering and Technology (IET)

In Association with



CHIEF PATRONS

Hon. Dr. Vishwajeet Kadam
Secretary, Bharati Vidyapeeth Pune

PATRONS

Prof. (Dr.) Dharmender Saini
Principal
BVCOE, New Delhi

HEAD OF THE DEPARTMENT

Dr. Kusum Tharani

COURSE COORDINATORS

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ORGANIZING COMMITTEE

Dr. Abhishek Gandhar
Mrs. Shashi Gandhar
Dr. Sudha.K
Dr. Sandeep Sharma
Dr. Sandeep Banerjee
Mr. Neeraj Kumar

STUDENT COORDINATORS

Tamanna Bhuyan
Vaibhav Sharma

PARTICIPATION

Online Short Term Course (STC) is open to full time faculty members of AICTE/UGC recognized degree level engineering colleges/institutions, technical universities/deemed universities and other research/ training institutions. The course is also open to technical staff, research scholars, PG/UG students, practicing engineers and policy maker from utility and industry.

***** **NO Registration fee** *****

Registration Link

<https://forms.gle/ET5R8M9YySS2H5sg6>

ABOUT THE INSTITUTE

Bharati Vidyapeeth's college of engineering, New Delhi established by late Dr. Patang Rao Kadam in 1999. It has strived to provide the best engineering education to its students through well qualified and dedicated faculty members and provision of well-equipped modern labs. The college is affiliated to Guru Gobind Singh Indraprastha University, New Delhi and approved by All India Council for Technical Education (AICTE) Ministry of HRD of India. The college is aligned with the mission "Social Transformation through dynamic education" and is therefore committed to attaining global standards where knowledge is the key driving force in the rapidly changing globalized economy. BVCOE provides a platform for budding researchers to achieve their rightful place in the scientific community.

ABOUT THE DEPARTMENT

The department of Electrical & Electronics Engineering was established in the year 2003. The primary objective of the department is to impart quality education in a teaching-learning environment to the undergraduate students in the area of Electrical & Electronics Engineering. The department has distinguished faculty, holding Ph.D. degrees from renowned institutes of India. The department has well equipped hardware and software lab facilities. Besides academics, the department emphasizes on the holistic growth of the students by regularly organizing various activities and events like expert talks, industrial visits, symposiums, conferences and many more.

VISION AND MISSION OF DEPARTMENT

To gain and bestow contemporary technical education and encourage research in the Electrical & Electronics Engineering domain to produce industry-oriented and socially responsible graduates

DM 1: To produce technically competent graduates in the area of Electrical & Electronics engineering.

DM 2: To develop a research-based learning environment for students to help them evolve in the emerging fields of engineering.

DM 3: To promote collaboration with academic experts and industry experts for introducing graduates to the latest technological advancements.

DM 4: To produce socially responsible graduates, who maintain a professional outlook while exercising ethical and moral reasoning

RESOURCE PERSONS/TRAINING PARTNER

1. Mr Rajesh Kumar
General Manager
(Power Grid Corporation of India Ltd.)

2. Mr. Bipul Chakraborty
Ex General Manager
(NTPC)

3. Mr. Sudhir Kumar
(Jindal Power Shift Incharge)

4. Decide Precise Pvt. Ltd
(Hands on software based Training Partner)

SCOPE AND OBJECTIVE

The STC on topic “Emerging Trends in Power System Restructuring “ will offer a unique opportunity to learn and orient the faculty and students in an appealing way. This platform will provide quality education which will be meaningful in the work place as well as in research and development oriented career. The program has been developed with unique approaches to convey information more effectively and enable the visualization and applications of Power systems, Smart grid and different aspects of restructured power systems.



COURSE CONTENTS

- ✚ Emerging Trends in Transmission Sector
- ✚ Structural issues with Power Generation
- ✚ Modern Substations
- ✚ Software Used:
 - ✓ **Panel Draw**
 - Design of PCC Panel
 - Design of MCC Panel
 - Design of APFCR Panel
 - ✓ **DLG Silent Power Factory**
 - Study of 9bus system
 - Wind Farm- Short Circuit Analysis etc.

INTRUCTIONS TO THE PARTICIPANTS

1. The sessions will be held on Google meet.
2. Participants have to attend all sessions. Attendance is Mandatory.
3. Attendance will be taken online during the session via Google form.
4. Participants must ensure to have broadband connection for smooth viewing experience. Mobile hotspot may have connectivity issues.
5. Participants can ask questions via chat box during the ongoing session. And during question answer session they can raise their hands and ask questions. It is requested to all participants to mute their mic when not in use. Also video should be off for better connectivity.
6. For any other queries please mail/contact course coordinators.