

Hands-on Training on
**Power System
Network Study and Analysis**

28th – 30th September 2022

CBIP Conference Hall, New Delhi



Organized by



Central Board of Irrigation & Power
Malcha Marg, Chanakyapuri, New Delhi 110 021

ANNOUNCEMENT

The Central Board of Irrigation and Power (CBIP), a premier institution, was constituted in 1927 by the Govt. It is serving the Nation in the disciplines of Water Resources, Power and Renewable Energy Sectors for more than 95 years.

The main objective of CBIP is the dissemination of technical knowledge through various modes, such as :

- Organizing National and International Conferences, Symposiums, Seminars and Workshops, Training Programs, etc.
- Publication of technical documents e.g., Manuals, Technical Reports, Guidelines Journals, etc.
- To provide information about technological developments to the engineers/professionals and other stakeholders
- Collection, compilation & analysis of technical data at the national as well as global level

HANDS-ON TRAINING OBJECTIVE

As the hands-on training help to understand the concepts, it is important to blend the practical demonstrations with theory for engineers to put the knowledge into practice.

It is with the above aim the CBIP is organizing a hands-on training on “**Power System Network study and analysis**” on 28-30 September 2022. The eminent faculty Shri Pravinchandra Mehta, CEO, Persotech Solutions, Vadodara on the subject will deliver the presentations on the following topics:

- Introduction to Power System Network Study
- Power Flow study and analysis
- Short circuit Study and analysis
- Harmonic Flow study and analysis
- Protection Relay coordination study
- Geomagnetic Induced Current Study
- Software – Commercial software & open source software available in the market
- Hands-on practices on examples of IEEE bus and other practical models for the studies mentioned above

SALIENT FEATURES OF THE TRAINING

The program will be based on practical aspects. Hands-on practices will be given more focus along with theoretical ones. It will be a kind of COACHING PROGRAM. Each and every participant will be given personal attention by the faculty. Maximum participants per batch will be 15 (Fifteen). The purpose of the program is to build up confidence amongst the participants on the subject learned. Open source Software (standalone mode) with several solved examples will be given to each participant free of cost.

WHO SHOULD ATTEND

The training program is open to various utilities and industry organizations/ individuals in the field of Power Systems

DATE AND VENUE

The training will be held on 28-30 September 2022 at CBIP Conference Hall, New Delhi.

The training timings will be 10.00 AM to 5.30 PM for all three days. The registration will start at 9.00 AM on 28th September 2022.

COURSE FEE

All those who wish to participate in the training program are expected to register in advance by sending the details through email to the organizers along with payment of registration fee as indicated under:

1. Non – Member fee is Rs. 25,000/- per participant
2. Discounted fee for members of CBIP, CIGRE and AARO is Rs. 23,000/- per participant
3. Special Discounted fee for students is Rs. 20,000/- per student

GST @ 18% shall be charged extra GST No. 07AAAJC0237F1ZU

Participants are requested to bring their own laptop while attending the class.

The Registration fee covers the registration kit, tea/coffee/lunch during the training. The training program is non-residential. Participants will have to make their own arrangements for travel, boarding and lodging etc.

All payments be made through cheque at par in favour of 'Central Board of Irrigation & Power', payable at Delhi or amount deposited/ transferred to HDFC Bank

CBIP A/c no. 00031110004411, MICR No. 110240001, Swift Code : HDFCINBBDEL, IFSC: HDFC 0000003

Address: 209-214, Kailash Building, 26 Kasturba Gandhi Marg, New Delhi – 110001

Registration shall be done on first come first serve basis. First 15 candidates will be registered for First batch, others in subsequent batches on the dates as per mutual understanding.

The Name of the event should be mentioned under subject in all the correspondence relating to this event. Also after making of the payment online in respect of the event, the details like UTR/Organization name to be furnished immediately.

ABOUT FACULTY



Pravinchandra Mehta, pbmehta@persotechsoluitons.com

Graduated in 1985 Presently running a proprietary company named "Persotech Solutions" at Vadodara Gujarat (India) involved in design of substation and line, training the engineers, Analysis of equipment failure in power system, load flow, short circuit, harmonics flow study and protection coordination of industrial plant/ power system. Quality inspection of equipment, guidance on Factory Acceptance test, site acceptance test, design (type) test of equipment and materials. Study of insulation coordination, etc. Effect of renewable on grid, study of developing renewable source for rural areas etc.

Pravinchandra Mehta has total experience of > 30 yrs. in power sector .He is also involved in the training, research and development activities.

Membership related activities–member IEEE,-member CIGRE and member of National Study Committee (NSC) C4 of CIGRE India (study on system technical performance),-Member of International Study Committee JWG-C4-42 formed by CIGRE and CIRED for study of low order harmonics at customer end. Member of expert committee for revision of substation layout formed by CBIP (Central Board of Irrigation and Power New Delhi) the manual published in 2006 & 2017 (released in Jan 2019) Member of Research Advisory Committee (RAC) to guide and review of R&D projects carried out by Energy Research and Development Association (ERDA) Vadodara .ERDA is one of the renowned Third party Laboratory for testing of equipment in India.

Member of Institute of Engineers India (MIE) and Chartered Engineer, Member of Institute of Electronics and Telecom Engineers MIETE,-Life member Society of Power Engineers India (SPE).

He has presented several papers on electrical system design and study related subjects at International/National level.

For further details, please contact the Training Secretariat.

TRAINING SECRETARIAT

Shri A.K. Dinkar, Secretary, CBIP

Shri Sanjeev Singh, Director, CBIP

Central Board of Irrigation and Power, Malcha Marg, Chanakyapuri, New Delhi - 110021

Phone : 011-26115984/2687 6229/2688 0557 Fax: :011-2611 6347

Contact Person

Vishan Dutt, Chief Manager, CBIP – M : 9811431554, E-mail : vishandutt@cbip.org Website : www.cbip.org

S.K. Batra, Consultant, CBIP – M : 9811943812, E-mail : batra@cbip.org

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REGISTRATION FORM

(To be filled in block letters preferably)

1. Name : _____
2. Position : _____
3. Organization : _____
4. Address : _____
5. Phone : _____ Fax No. _____
6. Email : _____

Dated _____

Signature _____

Details/ Amount of Registration fee Paid:

All payments should be made by cheque at par/Demand Draft drawn in favour of "Central Board of Irrigation and Power", payable at New Delhi OR by transfer the amount to HDFC Bank, Address: 209-214, Kailash Building, 26 Kasturba Gandhi Marg, New Delhi 110001; Saving Bank Account No. : 00031110004411; Swift Code: HDFCINBBDEL; IFSC: HDFC 0000003; MICR Code: 110240001. (GST No. 07AAAJC0237F1ZU).

After making the payment online in respect of the event, the details like UTR/Organization name to be furnished immediately.

Registration Form, duly filled in, is to be mailed to the following address:

Shri A.K. Dinkar

Secretary, Central Board of Irrigation and Power, Malcha Marg, Chanakyapuri, New Delhi 110 021, India
Tel: 91-11-26115984/26116567 Fax: 91-11-26116347

E-mail: vishandutt@cbip.org; batra@cbip.org Web-site: <http://www.cbip.org>

Note:

- Photocopies of the registration form can be used for additional requirements, if any.
- Spot registration facilities will also be available, provided the prior information is received.