

# Course Brochure

## 03 Months Post Diploma Certificate Course (PDC) in Sub Transmission & Distribution System

Starting - 25.03.2019



**Central Board of Irrigation and Power**  
Malcha Marg, Chanakyapuri, New Delhi-110021  
Web Site: [www.cbip.org](http://www.cbip.org) Email: [cbip@cbip.org](mailto:cbip@cbip.org)  
(More than 9 decades of Service to the Nation in Power Sector)

## **CBIP Centre of Excellence**

### **Plot No-21, Sector-32, Gurgaon, Haryana**

*(Recognized as Grade A category-1 training Institute for providing training in the field of Hydro, Thermal, Transmission, Distribution and Power management Ministry of Power, Government of India)*

#### **ABOUT THE COURSE:**

The Indian power Sector is presently passing through a phase of transition of technology up-gradation in the area of Generation and Transmission. Several new Ultra Mega Thermal power Projects are in the process of installation both in Public and private sectors where advanced technology with super critical parameters supported by the state of the art Control & Instrumentation system are being adopted. Simultaneously to evacuate the power, several EHV substations and long Transmission lines would be erected with associated distribution system.

To manage this huge transmission System along with its Distribution network, a huge manpower adequately trained shall be required which will be of the order of 4.00 Lacs.

CBIP has taken this initiative to launch the 03 Months Post Diploma Certificate Course in Sub Transmission & Distribution System following the syllabus as per the requirements of Central Electricity Authority Regulations – 2010 for the fresh Diploma Engineers who would be groomed as per the requirement of Indian Power Industry and would be readily available to the utilities of power sector. The syllabus has been designed to provide a meaningful practical oriented training to the said Engineers as per the requirement of various stake holders of the industry.

This course covers the complete syllabus under the provision of Indian Electricity Regulations – 2010 which will include the class room sessions, Lab sessions as well as on-the-job training. The students have to attend the Labs and workshops for practical demonstration and testing and the on-job practice sessions in various Distributions Sessions and associated system. Visit to some reputed manufacturing plants shall also be arranged. After completion of the course the students would be fully conversant with the Sub-Transmission and Distribution technology and would be able take over the charge of the O&M of Substations in Sub-Transmission and Distribution sectors as working Supervisors.

#### **DETAILED COURSE CURRICULUM**

<b>Sl. No.</b>	<b>Modules</b>	<b>Duration</b>
1	Introduction to Power System & Power Development in India	1 Week
2	Safety	
3	Basic Electricals	1 Week
4	Sub Station Engineering/Switchyard equipment in Distribution	3 Weeks
5	Distribution Equipments	
6	O&M of S/S Equipment	
7	Distribution Line Engineering & Cables used in Distribution	1 Week
8	Distribution Metering & efficient energy Mgt.	1 Week
9	Distribution Management including Tariff & Regulation Distribution System Planning & Analysis	
10	Lab/ Workshop	2 Weeks
11	SCADA & Automation in Distribution	1 Week
12	IT / GIS application in Distribution	
13	Directed on-job Training	2 Weeks
14	Visits and Final Assessment	1 Week
	<b>Total</b>	<b>13 Weeks</b>

## ELIGIBILITY

Diploma Holder in Electrical Engineering from a recognized Institution / University with minimum of 60% marks.

## SELECTION CRITERIA FOR ADMISSION

Based on the Merit of marks of 10<sup>th</sup>/12<sup>th</sup> & Diploma in Engineering. The merit list of the selected candidates will be displayed on the website after the last date of receipt of hard copy of the application.

## Age Limit

For Non-sponsored candidates, the age limit is 27 years as on 25/03/2019 i.e. last date of submission of online application. There is no age limit for the sponsored candidates.

## FACULTY

In-house as well as Renowned/Reputed and well experienced faculty members from Power Industry/T&D equipment manufacturers/Contractors/IIT/engineering colleges will be delivering the lectures for the entire program.

## ACCREDITATION OF INSTITUTE

CBIP has been accredited as Category-I training Institute by Ministry of Power, Govt. of India to run all the programmes under Central Electricity Authority Regulation – 2010.

## RECOGNISION/CERTIFICATION OF THE COURSE

Certificate will be issued by Central Board of irrigation & Power (CBIP) which is a reputed autonomous body in the field of Power & Water Resources having liaison with various Govt./Semi-Govt./Pioneer-Pvt. Sector Organizations including Central Electricity Authority, NTPC, NHPC, Powergrid etc.

*CBIP institute has been recognized as Grade – A Category-I training Institute by Ministry of Power, Govt. of India under CEA regulations-2010. The syllabus of the course is as per the mandatory Training requirements specified in Central Electricity Authority regulations-2010.*

*CBIP is also a recognized training partner of National Skill Development Corporation (NSDC), Power Sector Skill Council (PSSC) and Skill Council for Green Jobs (SCGJ)*

## COURSE CHARGES

- **Admission Fee:** Rs. 40,000/- excluding lodging & boarding (payable in 2 installments i.e. Rs. 30,000/- and Rs. 10,000/- after one month).
- **Caution Money:** An amount of Rs. 5000/- as security deposit which is refundable has to be deposited by the student at the time of admission.
- **Placement Charges:** Rs. 8,000/- to be paid after placement in organizations.
- **Charges for Lodging/Boarding :** CBIP has tied -up with local Guest Houses / Hostels. Accommodation will be made for lodging, boarding on nominal payment basis. The candidates who are interested to have accommodation may give option for the same. The charges may vary from 6000 to 7000 per month.

