



Central Board of Irrigation & Power

Malcha Marg, Chanakyapuri, New Delhi – 110021

www.cbip.org , cbip@cbip.org

(More than 9 decades Service to the Nation in Power Sector)

(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)

26 Weeks Post Diploma Course in Industrial Electrical Systems

Central Board of Irrigation & Power (CBIP) provides best 26 weeks post diploma course in Industrial Electrical Systems for Diploma Electrical Engineering Students. Central Board of Irrigation and Power (CBIP) was set up by the Government of India for monitoring of Irrigation & Power of our country in year 1927. It is now committed towards the development of Power, Renewable energy & Irrigation sectors of the country through their Human Resources development.

This course is Job oriented course. The students will gain a clear understanding of the fundamental electrical principles, laws and concepts relevant to industrial electrical systems. After completion of the course the students would be readily available to working as diploma engineers in the various disciplines of the industries.

Course Duration & its Methodology

The duration of the course would be 26 weeks which will include the class room sessions as well as on-the-job training. The students have to attend the on-job practice sessions in various Industries. Visit to some reputed manufacturing site shall also be arranged. To enhance the personal skills, some inputs of Management are also to be given to the students.

Course Modules

Sl. No.	Modules	duration
1	Overview & Requirement of Electrical System	½ Week
2	Introduction to Power Sector Familiarization	½ Week
3	Basic Electrical Engineering Fundamentals	2 Weeks
4	Safety	½ Week
5	Electrical Equipments & Components : Electrical distribution & Protection equipments: Switches, Relay, Wire & Cable, Transformer, Meters etc.	3 Weeks
6	Standards and Specifications	½ Week
7	Estimation of Industrial Electrical Load	1 Week
8	Introduction to Sub-station / Switchyard and its description	2 Weeks
9	Distribution System Engineering	2 Weeks
10	Motor/Generator and DG Set	1 Week
11	Earthing & Lightning Protection System	1 Week
12	Battery/Inverter	1 Week
13	Selection of Electrical Equipments and Specification	1 Week
14	Material Management	1 Week
15	Personal Management	1 Week
16	Installation, Erection Commissioning & Maintenance of Solar Roof Top PV	1 Week
17	Visit and On-job training at Sub- Station	2 Weeks
18	Lab Work	4 Weeks
19	Assessment	1 Week
	Total	26 Weeks

Career Opportunities

Energy & Power Sector

Oil and Gas Sector

Pharmaceutical Sector

EPC Sector

Real Estate Sector

Railway Construction & Maintenance

O&M of Power Distribution Sector

Process Industries like

- Food and beverage
- Engineering Consultancy
- Infrastructure Sector
- Auto Ancillary

Training/CBIP Features:

- Training under Brand name of CBIP, which is 90 years old organization into dissemination of knowledge in Power, Irrigation & Renewable sectors and allied industries.
- Has a great networking and close relations with all reputed utilities of these sectors
- CBIP has also signed a Memorandum of Understanding (MoU) with Indian Electrical and Electronics Manufacturers Association (IEEMA) which has a network of around 650 member organizations.
- Job Oriented Training Program as per Demands of current Industry
- CBIP is 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
- Faculty members have rich Industrial experience
- On-job training will be arranged at the sites of reputed Companies.
- Preparation for Interview and placement assistance

How should you Join the Course

The electrical equipment industry plays a very important role not only in GDP growth but also in providing employment in the country. It is estimated that this industry requires huge skilled workers every year including the level of supervisor.

Keeping this aspect in view, CBIP has taken this initiative to launch the 26 weeks Post Diploma Course in Industrial Electrical System is modular course following the syllabus of CEA Regulations 2010 for the fresh diploma engineers who would be groomed as per the requirement of various Electrical industries.

Hence, there is an ample scope of making a career in the industries mentioned above for the diploma engineers who undertake this course.

Eligibility

- **For Non-sponsored candidates,**
 - Diploma in Electrical Engineering and Electrical & Electronics Engineering (EEE) with minimum 60% marks
 - Maximum age 27 Years as on 11-09-2017
- **For Sponsored candidates,**
 - Diploma in Electrical Engineering and Electrical & Electronics Engineering (EEE) with minimum 60% marks
 - One year experience in the relevant field.
 - No age limit

Those appearing in their final semester can also apply. However, they must submit their diploma/provisional degree at the time of counseling/start of the course.

The Candidates who are sponsored from any organization have to enclose a sponsorship certificate from their respective organizations in the format given in the CBIP web site.

Selection Criteria

The students will be shortlisted based on the merit of the marks obtained by the candidates in Class 10th & Diploma Engineering, merit wise list of the eligible candidates will be declare in CBIP web site. Admission shall be subject to strict verification of all the original testimonials/documents and depositing of the required fees.

Course Fee

- **Rs. 80,000/-** excluding the Lodging & Boarding (payable in two installments Rs.40,000/- and Rs.40,000/- for non-sponsored candidates
- For sponsored candidates **Rs. 1,20,000/-** (in one installment)
- Caution Money-**Rs. 5000/-** to be deposited during admission which would be refunded back after completion of the course
- Placement Charges: **Rs.10,000/-** to be paid after 3 months of joining the course (refundable if placement is not there) only for non sponsored candidates
- Lunch charges at CBIP **Rs. 1700/month**

Fee once deposited will not be refunded. In case a selected candidate wishes to withdraw from the course for any reason, no part of course fee will be refunded except the security deposit.

Lodging & Boarding

- The hostel accommodation has been arranged by CBIP to facilitate the students to get properly set at new place. However, the students are welcome to make their own arrangements.
- The accommodation will be provided on triple sharing basis. The charges of hostel are **Rs.6500/month** (Approx)

- which also includes the charges for breakfast and dinner daily and lunch for Saturday, Sunday and CBIP holidays.
- Separate accommodation of hostel for female candidates is available
- As the seats in the hostel are limited the same we filled on first- cum -first basis.

Placement

CBIP maintains close linkages with various power utilities and reputed companies of Indian Power Sector. Most of the Govt. & Pvt. utilities, , IPPS, T&D utilities etc and other reputed manufacturing organizations of the above said field are associated with CBIP as member organizations and prefer to depute their Engineers to attend the training programs/Workshops/ Seminars at CBIP. CBIP would try its best and exploit all the opportunities for arranging campus interviews through its good networking with all of the power sector utilities/companies including reputed manufacturers and allied industries.

Though CBIP is not committed for any confirmed placement, the students of such previous completed courses have been placed in various companies through CBIP's linkages and the efforts of students themselves.

Loan Facility

The candidates who get confirmed admission and wish to avail loan from a Bank/Financial institute may also take a certificate from CBIP for availing the same.

Admission Procedure

Application may be submitted through online at CBIP Website .The downloaded hard copy of the application form along-with the demand draft/multicity cheque of **Rs. 200/-** in favor of "CBIP, New Delhi" payable at New Delhi, should reach **The Director, CBIP Centre of Excellence, Plot No-21, Sector-32, Gurgaon-122001** latest by 31.08.2017

Candidates are advised to go through the brochure thoroughly before filling the form.

Important Dates

SI. NO.	DESCRIPTION	DATES
1	DATE OF ADVERTISEMENT IN EMPLOYMENT NEWS	01.07.2017
2	LAST DATE OF ONLINE APPLICATION	25.08.2017
3	LAST DATE OF RECEIVING HARD COPY THROUGH POST	31.08.2017
4	STARTING OF COURSE	11.09.2017

Training Location - How to reach

CBIP Centre of Excellence, Plot No-21, Sector-32, Gurgaon-122001

Gurgaon, is the second largest city in the Indian state of Haryana and is a part of the National Capital Region (NCR). It is about 15 Kilometers from IGI Airport, New Delhi. Gurgaon is well connected to Delhi via an expressway (NH8 highway) and Delhi Metro.

Contact Persons

Mr. S.K. Ghosh, Advisor (E)- Mob: 09818737480, E-mail: ghoshsk@cbip.org

Mr. Jaideep Singh, Manager (T), Mob: 09871718218, E Mail: jaideep@cbip.org