Post Graduate Diploma Course

in

Transmission & Distribution System

Program Brochure

CENTRAL BOARD OF IRRIGATION & POWER
MALCHA MARG, CHANAKYA PURI
NEW-DELHI-110021
1. Introduction:

Indian Power industry is being highly capital intensive industry is growing at a very fast rate of about 10% per annum. The present installed capacity of Indian power industry is about 1,72,000 MW. To keep pace with the GDP growth of our country Govt. of India has a mandate of adding about 78,000MW during the 12th (2012-2017) Five Year Plan. Human resource development and capacity building in the present power scenario demands a very comprehensive and pragmatic approach to attract, utilize, develop, and conserve valuable human resources. Training, re-training, and career prospects are some of the important elements of human resource development. By the working group on manpower planning in power sector it has been estimated that there is a shortage of skilled manpower which is fast emerging as a serious obstacle to the Govt. efforts to expedite the pace of power generation capacity addition in the country. Technically trained manpower comprising skilled engineers, supervisors, artisans, and managers is required in every sphere of the power supply industry.

At present there is an acute shortage of trained manpower especially in the category of Operation & maintenance Engineers of all these fields. Though few Institutes of our country are engaged for this purpose but it is very meager with the demand of the day. It has been observed that a big gap is existing to fulfill the present demand for the trained manpower.

Keeping all these aspects in view, Central Board of Irrigation and Power (CBIP) has decided to launch the “26 week Post Graduate Diploma Course in Transmission & Distribution System” following the Mandatory requirements of Indian Electricity rules amended in 1981 at its CBIP Institute, Malcha Marg, Chanakyapuri, New-Delhi.

The focus of the course would be to groom the students joining as fresh Graduate Engineers from Electrical Engineering discipline to the level of Operation & Maintenance Engineers in the field of Transmission and Distribution of Electrical Power with latest techniques of control and Operation. The course will deliberate the details of Operation, Maintenance, Communication and computerized control system of 400KV and above Transmission system and 33KV and below distribution system. The students would be imparted training on the details of the sophisticated control of transmission & Distribution system of power. After completion of the course the students would be well conversant with the T&D system and shall be competent to take over the charge of Operation and maintenance of Transmission and Distribution system from the day they join. Special input of theoretical and practical knowledge would be imparted to the trainees during this training course. Specialized and experienced faculty from various disciplines of Transmission and Distribution would be engaged for imparting this training.

2. About CBIP

1 GENESIS AND GROWTH

- Until 1921, the Government of India and the Secretary of State in London exercised the powers of superintendence, direction and control on all irrigation activities of provincial PWDs, through an Inspector General of Irrigation and a Public Works Secretariat of Government of India with an engineer of experience as Secretary.

- With the introduction of the first installment of reforms in 1921 irrigation became a provincial subject. Thereafter, the Public Works Secretariat of Government of India was abolished in 1923 and the post of Inspector General of Irrigation was converted into that of Consulting Engineer.
• Government of India when dealing with new irrigation projects for submission to the Secretary of State in London or matters of dispute between different political units generally took the advice of the Consulting Engineer.

• As advice of one Consulting Engineer for all the provincial states was not considered sufficient, the Government of India in consultation with the provincial states decided to establish Central Board of Irrigation. Chief Engineers (Irrigation) of all the provinces along with the Consulting Engineer were regarded as members of the Board. Accordingly, Central Board of Irrigation was constituted on 1st January 1927 with a provision that all schemes submitted to Government of India would be laid before the Board.

Central Board of Irrigation (1930-31)

Sitting (L-R) : Mr. C.S.C. Harrison, C.I.E. (Sukkur Barrage and Canals), Mr. R.P. Hadow, C.I.E., (Punjab), Mr. C. Addams Williams, C.I.E. (Bengal), Sir Bernard Darley Kt., C.I.E., President (United Provinces), Mr. D.G. Harris, C.I.E. (Government of India), Col. H. del Pollard-Lowsley, C.M.G., C.I.E., D.S.O. (Central Provinces), Mr. D.R Satarawala (Sind)

Standing (L-R) : Mr. F.A. Betterton (Bihar and Orissa), Brigadier W.H. Evans., C.I.E., D.S.O. (Baluchistan), Mr. C.M. Lane (Bombay), Mr. W.L. Stampe (United Provinces), Mr. J.M.B. Stuart (Burma)

• The Board also acted as an Advisor/Arbitrator to the Government of India on technical matters in case of any dispute between two state Governments or between the state Governments and former princely states regarding irrigation matters.

• Central Bureau of Information for Irrigation was established in 1929 and attached with Central Board of Irrigation to maintain a comprehensive library of irrigation publications and to act as a clearing house for information needed by provincial officers.

• Government of India and provincial states also decided that w.e.f. 1932-33 the Bureau shall be supported with subscription from the provincial states with Government of India contribution limited to Rs.2500 per year only.

• It became an Autonomous Organization in 1932 while retaining rent free accommodation, free printing and stationery at Shimla.

• The Board threw open its membership to individual engineers in-charge of Irrigation Departments of Indian Princely States in 1944.
Ceylon and Burma also became members in 1945.

Based on recommendations of this Board, the Government of India set up Central Waterways, Irrigation and Navigation Commission in 1945 which went through many changes after its formation. It got amalgamated with Central Technical Power Board to form Central Water and Power Commission which subsequently got bifurcated into “Central Electricity Authority” and “Central Water Commission”.

Subsequent to the creation of Pakistan in 1947, the West Punjab, N.W.F.P., Sind, Baluchistan, East Bengal, Bahawalpur and Khairpur states which were part of composite India ceased to be members of the Board.

With the inclusion of hydroelectric engineers as members of the Board, **Central Board of Irrigation was renamed as Central Board of Irrigation & Power in 1949.**

To continue the association of the retired Chief Engineers with this Board, it was decided to enroll them as Honorary Members on a nominal fee of Rs. 30 per year or lump-sum subscription of Rs.150 for life.

As directed by Govt. of India, the Board was registered under the Registration of Society’s Act of 1860 on 21st February 1975 based on Memorandum of Association, Rules and Regulations approved by Govt. of India so that CBIP could continue to avail loans and grants from Government of India.

The Board had its office initially at Shimla. The headquarters of the Board was shifted from Shimla to New Delhi in 1952 in the barracks of Curzon Road. The Board started operating from the present office building located at Malcha Marg, Chanakyapuri in 1980 after completion of the new building.

The proposal of the Board to set up National Institute of Hydrology was accepted and the institute was set up at Roorkee in the year 1978.

The Board was instrumental in giving a permanent status to the hydro-dynamic experimental station at Khadakwasla, Pune which is now known as “Central Water and Power Research Station” (CWPRS).

The Board has set up Regional Information Centres at Hyderabad, Bhopal, Guwahati, Vadodara and Kolkata.

### 3. ORGANISATION OF THE BOARD

The affairs of the Board are administered, directed and controlled by the Executive Committee consisting of one President, two Vice Presidents (Water Resources and Power) and a member each from the organizations which are regularly contributing to the Board.

The Executive Committee presently comprises of 150 members where Chairman CEA is the President and CMD Powergrid Corporation is the Vice chairman of the Board.
Office Bearers of the Board:

President: Shri Gurdial Singh Chairperson, Central Electricity Authority
Vice President (Power): Shri V.K.Chaturvedi, CMD, PGCIL
Vice President (Water Resource): Shri S.P.Kakran, Member (D&R), CWC
Secretary: Shri V.K.Kanjlia
Director (IT): Shri P.P.Wahi
Director (WR): Shri A.K.Gupta
Director (Energy): Shri C.S.Malik

Secretary, CBIP, Mr. V.K. Kanjlia welcoming to Hon’ble Union Minister of Water Resources, Mr. Pawan Kumar Bansal, during 60th International Executive Council Meeting and 5th Asian Regional Conference, 6-11 December 2009, New Delhi

4. MAIN OBJECTIVES OF CBIP

- Dissemination of technical information through various modes, e.g., publication of journals, manuals, technical reports, guidelines, organizing seminars and conferences.
- To provide training and consultancy services.
- To promote research and professional excellence.
- To provide linkages to Indian Engineers, Managers and Scientists with their counterparts abroad and with international organizations.
- To establish a knowledge database and to provide information services to various professionals.
5. INTEGRATION WITH INTERNATIONAL / NATIONAL ORGANIZATIONS

The Board functions as the Indian National Group/Chapter for the following international organizations.

- International Commission on Large Dams (ICOLD)
- International Society for Rock Mechanics (ISRM)
- International Tunnelling Association (ITA)
- International Water Resources Association (IWRA)
- World Water Council (WWC)
- International Geosynthetics Society (IGS)
- International Conference on High Voltage Electric System (CIGRE)
- International Council for Electricity Distribution (CIRED)

In addition, International Association for Small Hydro (IASH) and International Association on Electricity Generation, Transmission & Distribution (Afro-Asian Region) (AARO) are having their headquarters at CBIP Building in New Delhi.

The following organizations were also functioning under CBIP, earlier:

- International Commission on Irrigation & Drainage (ICID)
- International Hydropower Association (IHA)
- International Association for Hydraulic Research (IAHR)
- International Society of Soil Mechanics and Foundation Engineering (ISSMFE)
- The Society of Power Engineers (India)
6. RESEARCH ACTIVITIES

- CBIP had been coordinating and monitoring the R&D activities, assisting in specific case studies/problems, documentation and dissemination of the results/findings of Research Projects to the practising engineers.

- On Power side (under the Research Scheme on Power – RSOP) 170 projects on the subject areas such as hydro, thermal, transmission and distribution and energy conservation besides six National level studies were coordinated and monitored. Funds for RSOP scheme were provided by Ministry of Power, Government of India upto 1998-99.

- On Water Resources side, 355 projects were coordinated and monitored under the research schemes viz., Research Scheme on River Valley Projects (RSRVP), Research Scheme on Flood Control (RSFC) and Research Scheme on Plasticulture Development (RSPD). Funds for Research Schemes under RSRVP and RSFC were provided by Ministry of Water Resources upto March 1989.

7. CELEBRATIONS AND MAJOR EVENTS ORGANISED BY CBIP

- The Annual Session of the Board held in November 1936 was inaugurated by His Excellency the Viceroy.

- Pt. Jawahar Lal Nehru, the then Prime Minister of India had inaugurated the Board Sessions in 1948, 1952, 1953 & 1958.

- In 1951 four International Conferences were simultaneously held by CBIP, one at Bombay and three at New Delhi alongwith an International Engineering Exhibition. The three conferences at Delhi were held in the historic hall of Parliament House from 11th to 16th January 1951.

- 30th Annual Session of Board held in November 1959 was inaugurated by Late Dr. Rajendra Prasad, the then President of India.
Late Dr. Rajendra Prasad, the then President of India, at the Indian International Engineering Exhibition in 1951

Late Dr. S. Radhakrishnan, the then President of India, arriving on the occasion of 6th Congress on Irrigation and Drainage in 1966

- Late Smt. Indira Gandhi, the then Prime Minister of India inaugurated the Board Session in 1967 and World Congress on Water Resources in 1975.
- 100 Years of Hydropower Development in the country were celebrated in 1997.
• Golden Jubilee Session was inaugurated by Late Shri B.D. Jatti, the then Acting President of India in 1977.
• Diamond Jubilee Session of the Board was inaugurated by Late Shri Rajiv Gandhi, the then Prime Minister of India in 1987.

Late Smt. Indira Gandhi, the then Prime Minister of India, arriving to inaugurate the Second World Congress of IWRA on "Water for Human Needs" in 1975

Late Shri Rajiv Gandhi, the then Prime Minister of India at the CBI&P Book stall
8. CBIP is associated with various activities of Govt. of India viz,

- Monitoring of Projects related to Hydro Power development of the country.
- Ground water study
- Renewable Energy Sources.
- Human Resources Development of Power Sector
- Publication of Manuals & Proceedings.
- Engineering Consultancy
- Dam Safety Program & Up-gradation of existing dams

9. Training Services

- From its inception (for more than 80 years), CBIP has been organizing a number of Training programs/events to help the Indian Engineers to update their knowledge and gain practical know-how in the field of Power, Water Resources and Renewable Energy Sectors. CBIP has ventured in a big way to provide training in the field of Hydro and Thermal Power development.

- Since January 1980 to till date (May, 2011) CBIP has organized numerous no. of training programs, conferences, seminars (National and International), workshops etc. which were participated by 50000 (approx) senior engineers from reputed organizations of the country including CEA, CWC, SEBs, Regulatory Commissions, Gencos, Discoms, BHEL, NTPC, NHPC, THDC, SJVNL, PGCIL, BBMB, NHDC, NEEPCO, IREDA, DTL, WAPCOS, GMR Group, Lanco Group, Gammon India, Jaypee Group, Jindal Power, Reliance energy, Tata Power, Alstom, ABB Ltd. etc. This also includes 400 engineers of NTPC who were trained in Hydro and Thermal disciplines (both) during seven long term training programs in the last three years.

- 4 programs on Capacity Building and Training Programs for Different Stakeholders in India’s Hydropower Sector have been organized at various places across the country with support of US Hydropower Council for International Development.

- A full fledged training centre of CBIP, located at Malcha Marg, Chanakyapuri, New Delhi is operational for the last many years. It has the state of the art infrastructure facilities available where all the conference / seminar / training halls are equipped with AC and modern audiovisual aids. It is easier for CBIP to attract eminent faculty as it is located at a central pace of the capital city.

- Also CBIP has a good base of its own faculty having rich experience of various disciplines of power sector viz, Project Management, Erection & Commissioning, Operation and Maintenance of Generation (Thermal & Hydro), Transmission and Distribution systems.

- CBIP has a large network of Institutional and individual membership of the level of Chief Engineers and above of all the State Electricity boards, PSUs, and leading private organizations from the power Sector. Because of this large networking, CBIP has the access to highly experienced professionals who could be invited as the faculty as per the requirement of the training programs.
Inauguration of 7th International R&D Conference on Development and Management of Water and Energy Resources by Shri Surjya Narayan Patro, Hon’ble Minister for Energy, Information Technology and Tourism & Culture, Government of Orissa from 4-6 February, 2009 Bhubaneswar, India

- CBIP conducts training programs in various disciplines of Power, Water Resources and Renewable Energy Sectors as per the customized requirement of any organization. CBIP also conducts conference, workshop, seminar etc or even an investor’s meet on behalf of any organization.

Hon’ble Union Minister of Power Shri Sushilkumar Shinde releasing the Souvenir during World Tunnel Congress on 22nd September 2008 at Agra.
• CBIP organizes long term, medium term and short term training programs for in-service/fresh engineers, diploma engineers and non technical staff in following key areas:

- Operation and Maintenance of Hydro/Thermal Power Stations
- Transmission and Distribution
- Renewable Energy sources
- Indian Electricity Act, Rules and Regulation
- Geo-synthetics and Rock Mechanics
- Energy audit & Energy Conservation
- Power Purchase Agreement
- Management Development

View of 6th International R&D Conference held at Lucknow during 13-16 February, 2007
International Conference on "Accelerated Development of Hydropower in Bhutan-Opportunities and Challenges" on 16-18th November, 2011, Thimphu Bhutan organized by Central Board of Irrigation and Power (CBIP) was inaugurated by Hon’ble Prime Minister of Royal Govt. of Bhutan.

Hob’ble Prime Minister Dr. Manmohan Singh inaugurating the 5th Asian Regional Conference on 10th Dember, 2011 at Vigyan Bhawan, New Delhi on Improvement in Efficiency of Irrigation Projects through Technology upgradation and Better Operation & Maintenance managed by Central Board of Irrigation & Power (CBIP) on behalf of Ministry of Water Resources (MoWR) and Central Water Commission (CWC)

View of Dias- Dr. Farooq Abdullah, Hon'ble Union Minister of New and Renewable Energy, Shri Bharatsinh Solanki, Hon'ble State Minister of Power, Govt. of India, Shri Rakesh Nath, Chairperson, CEA, Shri G.B. Pradhan, Addl. Secretary, Ministry of Power and Shri V.K. Kanjlia, Secretary, CBIP

6th Asian Rock Mechanics Symposium dignitaries on the dais (L to R) Dr. K.G. Sharma, President, Indian National Group of ISRM, Prof. John A. Hudson, President, ISRM, Mr. Gurdial Singh, Chairperson, CEA, Mr. V.K. Kanjlia, Member Secretary, Indian National Group of ISRM, Prof. Abdolhadi Ghazvinian, Vice President (Asia), ISRM, and Dr. Luis Lamas, Secretary General, ISRM
10. Strength of CBIP

- An 84 years old establishment into dissemination of knowledge in Power, Irrigation and Renewable sectors
- Almost all reputed utilities of Power, Irrigation and Renewable sectors of the country are the institutional members and at least 2600 senior officers of the level of Chief engineer and above from these sectors are the members
- Has a great networking and close relations with all reputed utilities of these sectors. Institute is located in most posh and central place of the capital city of the country i.e Chanakyapuri, New Delhi
- Easy availability and access to the reputed and highly experienced faculty because of above two facts
- Has a strong base of the very senior officers with deep experience of various disciplines of Power and irrigation sector
- Has state of the art infrastructure facilities like Digitized library, dining hall, classrooms, conference hall etc. well equipped with audio visual aids and Air conditioning system
- Publishes very strong technical publications on very thrust areas in above sectors
- Has the secretariat of at least 10 international organizations and the Secretary CBIP is the secretary or the member secretary of their India chapters.
- A very strong Board with Chairperson, CEA as the President; Chairman Power Grid as the Vice President (Power); Member, CWC as the vice President.
- CBIP is also in the process of setting up of its Power Management Institute at new plots allotted by HUDA in Gurgaon for conducting long term/short term training programs in all the three niche sectors i.e. Power, Water Resources and Renewable Energy.
- 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 from public, joint & private sectors including good no. of organizations associated with Transmission & Distribution systems for collaborative ventures/efforts for enhancement of quality service through various activities viz., joint
assignments, training programs, conferences, seminars, consultancy, R&D activities, joint studies and surveys, knowledge sharing and action plans identified by CBIP and/or IEEMA.

- The “Excellence Enhancement Centre for India power Sector” has been established under the aegis of CEA at CBIP, Malcha Marg.
- CBIP has a strong team of senior training officers, having in-depth knowledge of conducting various long term training programs related to Power sector and were among the team of main initiators for launching the Post Graduate Diploma Course and Post Diploma Certificate programs in Thermal/T&D/GIS and B.Tech(Power) in the country.

11. 26 weeks PG Diploma in Transmission and Distribution System

A) About the Course:

The Indian power Sector is presently passing through a phase of transition of technology upgradation 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. Presently India has the largest Electricity Grid in the World and world’s third largest Transmission and Distribution network. The ambitious plan of Govt. of India for adding additional 151069 MW of Generation Capacity during 11th and 12th plan period will be supplemented by corresponding strengthening of infrastructure addition in the T&D sector. To achieve this objective, additional 163000 Ctkms and 30 crores consumers would be added to the present T&D network. Various new technologies like Ultra High Voltage (AC/DC) transmission system, Facts, SCADA application, remote operation of Substation etc. The management of this huge network shall be a challenging task. To man this huge transmission System and Distribution network, a huge manpower adequately trained shall be required which will be of the order of 10 lakhs. Keeping all these aspects in view, CBIP has taken this initiative to launch the 26 weeks Post Graduate Diploma in Transmission and Distribution System following the syllabus as per the requirement of Indian Electricity rules for the fresh graduate engineers who would be groomed as per the requirement of Indian Power Industry. 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 Substations. Visit to some reputed manufacturing plants shall also be arranged. To enhance the personal skills, some inputs of Management are also to be given to the students.

B) Detailed curriculum of the Course:

i) Course Objectives

After completion of the course the students will acquire extensive basic and advanced knowledge of

- Operation & Maintenance of Transmission and Distribution accessories
- Necessary safety aspects required in T&D
- Details of associated equipments
- T&D project management.
- Process flow,
- Electrical and IT application in T&D,
- T&D schemes
ii) Methodology for the Course

- Classroom Lecture Sessions
- Sub-station Visits
- Scheme Tracing in Switch yard of Substation
- On-Job Operation & Maintenance Training at different Substations
- Group Discussion session
- Projects, Seminars Submissions

C). Course Details/Syllabus

A. Power Transmission Engineering -----------------------------10 weeks

- Introduction of Power System in India
- Power System Development
- Sub Station Engineering/ Switchyard & Substation Equipments
- Operation & Maintenance of substation Equipment
- Transmission line Engineering
- System operation & IT application
- System operation in RLDC

B. Distribution Engineering ------------------------------- 4 weeks

- Distribution Lines/ cables
- Distribution sub-stations
- Distribution Metering & Efficient Energy Management

C. Management Module: -----------------------------3 weeks

- Contracts Managements
- Project Management
- Legal Management
- Commercial Management
- Construction Management
- Material Management & Quality Assurance
- Human Resources Management
- Financial Management
- Organizational Behaviour

D. on the Job Training (Operation & Maintenance) -- 8 weeks

E. Seminar & Assessment -- 1 week

* There may be slight changes in the syllabus as per the present requirement/ demand of the Industries associated with the T&D field.
I) Faculties:
In-house as well as Renowned / Reputed and well experienced faculties from Power Industries/ T&D equipment manufacturers/IIT/ Engineering colleges will be delivering the lectures for the entire programme.

m) On-job
On-job training will be arranged in 400 KV substations of Power-Grid Corporation/ BBMB/ DTL and Distribution Substation of NDPL/BSES.

12. Why you should join this course?
CBIP is an autonomous Board founded by Govt. of India in the pre-independence era to act as Advisor/Arbitrator to the Govt. of India on technical matters in the areas of Power & Water resources. Main objective of CBIP is to disseminate technical information through various modes to the Indian Power sector Organizations.

Most of the organizations (Govt. sector & Private ) of Indian Power sector involved in Generation Transmission and Distribution of Power are the members of CBIP and CBIP has a good network with various reputed manufacturing and service organizations in the field of Transmission and Distribution of Indian Power Sector( Both Govt. and Private organizations) which would facilitate for the placement of the participants.

The certificates would be issued by CBIP, a premier board of high reputation in India and abroad, thereby creating the highest value for the certificate holders in both Indian and International power industry.

The objective of the course is to develop groomed manpower for the power sector having high skill and confidence in running a EHV substation as well as Distribution equipments. After completion of the course the students would be readily available working engineers in Indian Power Sector for taking over the charge of Operation & Maintenance of T&D sectors.

The course satisfies the mandatory requirements of Rule 3 of Indian Electricity (Amendment) Rules, 1981 and recognized by CEA.

13. Eligibility

For Non-sponsored candidates-Bachelor of Engineering or equivalent in Electrical Engineering with minimum 60% marks in various examinations from 10th onwards.

For Sponsored candidates, the qualification would be same but should have minimum one year experience.

14. Selection Criteria for Admission

Based on the percentage of Marks obtained in 10th, 12th & BE or equivalent examination. The weight-age would be given in the result of the three examinations in the ratio of 10%, 20%, 70% for 10th, 12th & B.Tech/BE/ Equivalent Engineering degree respectively. Admission shall be subject to verification of documents

15. Age Limit

Maximum 27 years for non-sponsored candidates as on 25.07.2011. No age limit for sponsored candidates.
16. Admission Fees

i) Rs. 90,000/- excluding the Lodging & Boarding (payable in two equal installments – 50000.00 and 40000.00 for non-sponsored candidates,

ii) for sponsored candidates Rs. 90,000.00 (in one installment).

iii) Caution Money-Rs. 5000.00 to be deposited during admission which would be refunded back after completion of the course.

iii) Foreign Nationals: US$ 4,000

iv) Lodging/ Boarding

CBIP has tied-up with local Guest Houses/ Hostels. Arrangement for hostel accommodation can be made on first-cum-first basis. Accommodation charges will be Rs. 30,000.00 for the entire period of six months. Food may be available from the hostel Canteen on payment basis. The candidates who are interested to have accommodation may give option for the same in the form at column 16. The accommodation shall be arranged for the candidates only if response is good.

17. Total Seats

30 (Thirty). 25% seats reserved for sponsored candidates. The number of seats may be increased. In case of non-availability of sponsored candidates, the balance seats under this category shall be available for non-sponsored candidates.

18. Sponsored candidates

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.

19. Placement

CBIP maintains close linkages with various power utilities and reputed companies of India power Sector. Most of the Govt. 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 programmes / Workshops/ Seminars at CBIP. CBIP trained engineers of this course are expected to be placed through campus placement in those companies. Though there is no commitment for placement of the candidates, CBIP would try its best and exploit all the opportunities for arranging campus through its good networking with all of the above utilities/companies.

20. How to Apply

- Application as per the format available on CBIP website on plain paper along-with the demand draft of Rs. 300/- in favour of CBIP payable at New Delhi, should reach the Secretary, CBIP, (address given below) latest by 04/07/2011 with Two passport size photographs.
- Candidates are advised to go through the brochure thoroughly before filling the form
- Points to be Noted:
  1) All the future notifications/ information will be available in CBIP website
  2) Attach attested copies of proof of Date of birth, certificates/ mark sheets of 10th/12th/Engg. Graduation etc,
  3) Application fee is non refundable.
  4) Applications after due date will not be accepted.
## 21. Important Dates

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Important activities</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Last Date of Receipt of application:</td>
<td>04/07/2011</td>
</tr>
<tr>
<td>2.</td>
<td>Publication of 1&lt;sup&gt;st&lt;/sup&gt; selection list at CBIP, Malcha Marg Institute &amp; cbip website on: (selected candidates will be informed through Email also).</td>
<td>06/07/2011</td>
</tr>
<tr>
<td>3.</td>
<td>Last date of Admission and payment of fee (submission of 1st installment Rs. 50,000/- and other charges as per rule):</td>
<td>18/07/2011</td>
</tr>
<tr>
<td>4.</td>
<td>Display of second list:</td>
<td>18/07/2011</td>
</tr>
<tr>
<td>5.</td>
<td>Last date of submission of 1&lt;sup&gt;st&lt;/sup&gt; installment of fee by the 2&lt;sup&gt;nd&lt;/sup&gt; list candidate and start of the course</td>
<td>25/07/2011</td>
</tr>
</tbody>
</table>

## 22. Address for Communication:

Secretary, CBIP, Malch Marg, Chanakyapuri, New Delhi-110021  
Tel No: 011-26875017/26116567/24102437/ Fax: 011-26116347  
e-mail: cbip@cbip.org/ ghoshsk@cbip.org/ jaideep@cbip.org

## 23. How to Reach CBIP

CBIP is located at Malcha Marg, adjacent to Malcha Market, Chanakypuri, New Delhi, which is 12 KM from New Delhi Railway Station and 18KM from Delhi Domestic Airport.