

# Conference & Training Calendar

## 2026-2027



**Every training is a step towards excellence, every conference a platform for new ideas.  
Together, let us learn, innovate, and contribute towards building a better tomorrow**



### Central Board of Irrigation & Power

9 Decades of Service to the Nation

Malcha Marg, Chanakyapuri, New Delhi 110 021



New Delhi  
ISO 9001:2015



**TUNNELLING ASIA 2025 & WORLD TUNNEL DAY CELEBRATION**

International Conference on Revolutionizing Underground Infrastructure through Advanced Tunneling Techniques – 3 – 4 December 2025, New Delhi



2nd International Conference on Sustainable Hydropower Development in the Himalayas – India–Bhutan Partnership for a Green Future – 20–21 November 2025, Paro, Bhutan



# CONFERENCES, TUTORIALS AND TRAINING PROGRAMS

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**“Anyone who stops learning is old, whether at twenty or eighty.  
Anyone who keeps learning stays young.”**

**– Henry Ford**

## MESSAGE FROM SECRETARY



The Central Board of Irrigation & Power (CBIP), a 99-year-old premier institution established in 1927, continues to serve as a vital source of knowledge and expertise in the fields of Water Resources, Power, Renewable Energy, and allied sectors in India. Over the decades, CBIP has played a significant role in bringing together policymakers, utilities, manufacturers, researchers, and professionals on a common platform for meaningful technical dialogue and knowledge sharing.

Through its sustained efforts, CBIP has contributed immensely to strengthening the technical capabilities of engineers and professionals. I am pleased to share that CBIP has also expanded its activities in the areas of protection and system audit of power stations. With the continued guidance of its Executive Committee and the valued support of its Member Organizations, CBIP continues to move forward in its pursuit of excellence.

In today's rapidly evolving technological landscape, continuous learning and skill up-gradation have become essential for professionals and organizations alike. CBIP actively supports this need through its comprehensive capacity-building and human resource development initiatives, offering well-structured conferences, seminars, and training programmes in both technical and financial domains.

*Every training is a step towards excellence, every conference a platform for new ideas. Together, let us learn, innovate, and contribute towards building a better tomorrow.*

I would also like to highlight the growing activities at the CBIP Training Centre at the Centre of Excellence (CoE), Gurugram. This state-of-the-art facility has emerged as a key hub for specialized training programmes, helping utilities enhance the technical competencies of their engineers and strengthen system reliability. In addition, CBIP's Doorstep/Onsite training initiatives provide flexible, customized learning solutions to meet the specific needs of organizations.

Over the years, CBIP has successfully organized more than 2060 seminars, conferences, workshops, and training programmes at national and international levels, with participation from over three lakh delegates. CBIP has also published more than 1650 journal issues and over 1510 manuals, technical reports, and guidelines, reflecting valuable contributions from experienced professionals and domain experts.

As we look ahead to the year 2026–27, CBIP has planned a comprehensive range of conferences and training programmes addressing contemporary challenges in the Water Resources and Power sectors. In addition to the scheduled programmes, CBIP also offers tailor-made training solutions to suit specific organizational requirements.

We request all organizations to take full advantage of these initiatives by nominating their professionals, including young professionals and women engineers, for active participation. We are confident that the knowledge and insights gained will be of significant value to both individuals and their respective organizations.

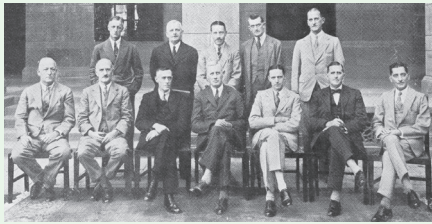
With warm regards,



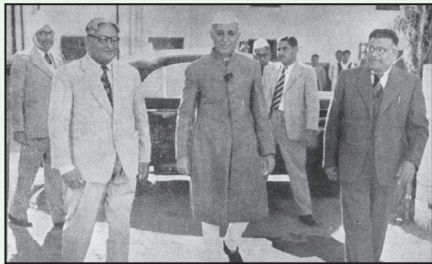
**A.K. Dinkar**  
Secretary

Central Board of Irrigation & Power

# CBIP PROFILE



Mr. D.G. Harris, C.I.E. (Government of India), President; Mr. C.S.C. Harrison, C.I.E. (Sukkur Barrage and Canals); Mr. R.P. Hadow, C.I.E., (Punjab); and others members during First Meeting of the Board 1930-31



The then Prime Minister of India, Late Pandit Jawahar Lal Nehru arriving to inaugurate the Silver Jubilee Session of the CBIP in 1952



Hon'ble President of India Dr. Rajendra Prasad inaugurated the 30th (1959) Annual Session of the Board held at Vigyan Bhavan, New Delhi from 23rd - 24th November, 1959.



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



Her Excellency the President of India, Smt. Pratibha Devisingh Patil addressed the participants through recorded video during World Tunnel Congress organised by CBIP on 21-24 September 2008, Agra

## GENESIS AND GROWTH

- Central Board of Irrigation and Power (CBIP), a premier institution was constituted by Govt. of India in 1927.
- CBIP, is serving the Nation in the disciplines of Water Resources, Power and Renewable Energy Sectors for more than 99 years.
- It is an exchange and knowledge bank for dissemination of technical knowledge & professional excellence to help the engineers/ professionals to update their knowledge and gain practical know-how.
- Silver Jubilee, Golden Jubilee and Diamond Jubilee celebrations of the Board were graced by the then Prime Minister of India, Pt. Jawaharlal Nehru (in 1952), Acting President Shri B.D. Jatti (in 1977) and the then Prime Minister Shri Rajiv Gandhi (in 1987), respectively.

## MAIN OBJECTIVES

- Dissemination of technical knowledge by CBIP through various modes, such as :
- Organizing National and International Conferences, Symposiums, Seminars and Workshops etc.
- Publication of technical documents e.g., manuals, technical reports, guidelines and journals etc.
- To impart training to the engineers/professionals.
- To provide research and professional excellence.
- Recognition of technical excellence through annual awards
- To provide information about technological developments and to provide online information to the professionals.
- To provide linkages to Indian Professionals with their counterparts in other countries
- Collection, compilation & analysis of technical data at national as well as global level

## ORGANISATION OF THE BOARD

- The affairs of the Board are administered, directed and controlled by an Executive Committee consisting of President, three Vice Presidents (Water Resources, Power & Renewable Energy) and one representative from each member organization.
- The Executive Committee presently comprises of more than 260 members.
- The General Body presently comprises of more than 3000 members of the level of Chief Engineers/equivalent & above
- All Water Resources Departments, State Utilities, PSUs, CPSUs, Regulatory Commissions and major Pvt Sectors Organisations from Water Resources/Power/Renewable Energy are the members of CBIP
- More than 300 retired professionals are also enrolled as life members of CBIP.
- Member organizations make annual contributions to CBIP for providing technical services to them.

## BOARD'S ASSOCIATION WITH INTERNATIONAL AND NATIONAL ORGANIZATIONS

### Power Sector

- International Council on Large Electric System (CIGRE), India has got seat in Steering Committee, the top decision making body of CIGRE. India also got chairmanship for CIGRE - Asia Oceania Regional Council from 2018-20.
- International Council for Electricity Distribution (CIRED)
- International Hydropower Association (IHA)
- International Association on Electricity Generation, Transmission & Distribution (AARO)
- Society of Power Engineers (SPE)

### Water Resources Sector

- International Commission on Large Dams (ICOLD)
- International Tunnelling & Underground Space Association of India (TAI)
- International Society for Rock Mechanics and Rock Engineering (ISRM)
- International Geosynthetics Society (IGS)
- World Water Council (WWC)
- International Water Resources Association (IWRA)

### Renewable Energy

- International Association for Small Hydro (IASH)

## ACTIVITIES / SERVICES

### Conferences

- Held more than 2000 Conferences in Water Resources, Power and Renewable Energy Sectors attended by more than 3,00,000 delegates.

### Publication of Technical Documents

- Brought out more than 5000 publications, including Manuals, Technical Reports, Guidelines and Journals.
- Providing free access of CBIP Publications to more than 35,000 officers of Member organizations including Government departments, PSU's, Central & State Power utilities, Engineering Colleges, Research Institutes and Leading Private Sector Organizations etc.

### Training Activities

- CBIP has imparted trainings for more than 1,50,000 mandays to various professionals in the country
- Considering massive requirement of trained manpower in India, CBIP has established a Centre of Excellence at Gurugram (Haryana), in the year 2013, for imparting long/short term training.
- CBIP has been recognized by Ministry of Power, Government of India, as Category-1 institute for providing training for skill upgrade in the field of Hydro, Thermal, Transmission & Distribution and Power Management, Renewable Energy, including Solar Power Development.
- To fulfill the objective of Government of India for imparting skill development courses, CBIP has been recognized as a Training Provider by NSDC, PSSC, SCGJ.
- CBIP provides Post Graduate Diploma in Transmission and Distribution in Engineering and Post Graduate Diploma in Thermal Engineering to B. Tech. Engineers.

### Research and Development

- CBIP had been coordinating and monitoring R&D activities, assisting in specific case studies/problems, documentation and dissemination of the results/findings of Research Projects to the practising engineers under the Research Scheme on Power (RSOP), 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 and for RSOP by Ministry of Power.
- CBIP is still carrying out research on various important topics.

### DOORSTEP TRAINING

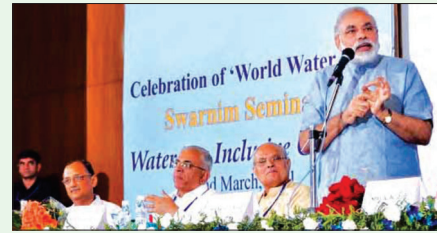
- CBIP has taken initiative to provide Door Step/Onsite training with the aim to provide training and develop skills of various professionals of the Organizations dealing in Water Resources, Power as well as Renewable Sectors. This include Centre, State, PSUs and leading Private organisations.
- Recently CBIP has conducted more than 200 doorstep training programmes at the project sites and Headquarters of various organisations. This is in great demand by Member Organisations.

### HANDS ON TRAINING

- CBIP, realizing the importance of competency development and with the aim to create large reservoir of highly qualified manpower in all fields related to engineering, technology & technology management, has started providing hands on training to the professionals for skill development. Jointly with Hitachi Energy India Limited, Siemens Ltd. etc.

### CONSULTANCY SERVICES

- CBIP undertakes consultancy jobs in various areas related to Power, Water Resources and Renewable Energy Sectors.
  - Manpower Planning; Preparation of O&M Manuals; Recruitment of Technical and Non-technical staff on turnkey basis.
  - Maintenance Audit, Safety Audit, Technical Audit of Hydro/Thermal/ Solar/Wind power Stations and Sub-stations.



Shri Narendra Modi, Hon'ble Chief Minister of Gujarat, inaugurated Swarnim Seminar on "Water for Inclusive Growth" on 22nd March, 2011, organised by Sardar Sarovar Narmada Nigam Limited, in association with CBIP at Gujarat



Dr. Manmohan Singh, Hon'ble Prime Minister of India, inaugurated the first International Event in series of India Water Week, on 10th-14 April, 2012, New Delhi



Shri Gajendra Singh Shekhawat, Hon'ble Minister, Ministry of Jal Shakti, Government of India, Lighting the lamp during inaugural session during ICOLD Symposium on 24-27 February 2021, New Delhi



Shri Bhagwanth Khuba, Hon'ble Minister of State for New and Renewable Energy, Chemicals and Fertilizer; Gol, inaugurating the International Conference on Hydrogen Energy on 24th November 2021, New Delhi



Shri Raj Kumar Singh, Hon'ble Minister of Power and New & Renewable Energy, Government of India; with the invitees during CBIP Day Celebrations on 3rd March 2023, New Delhi



## CONFERENCES, TUTORIALS AND TRAINING PROGRAMS 2026-27

### A. WATER RESOURCES, HYDROPOWER AND ALLIED SECTORS\*

Sl. No.	Programs Code	TITLE OF THE EVENT	Dates/ Venue
		A-1 INTERNATIONAL / NATIONAL CONFERENCES	
1.	WRC - 1	ISRM - Hands-on-Training Programme on "Slope Stability Analysis of Mine Pits and Dumps using Rocscience Software Tools"	2 - 6 June 2026 at IIT Kharagpur
2	WRC - 2	Conference on Safety and Risk Management in Tunnelling Projects	25-26, June 2026, CBIP, New Delhi
3	WRC - 3	Conference on Geosynthetics in Water Resources and Hydraulic Structures	July 23-24, 2026, CBIP, New Delhi
4	WRC - 4	ISRM Workshop on Rock Support and Ground Improvement	July/ August 2026
5	WRC - 5	Seminar on AI-Driven Smart Tunnelling: Design, Construction and Monitoring	August 20-21, 2026, CBIP, New Delhi
6	WRC - 6	INCOLD Workshop Earthquake and Dam Safety	August 2026
7	WRC - 7	Workshop on Quality Assurance, Durability and Safety of Geosynthetics	Sept., 24-25, 2026, CBIP, New Delhi
8	WRC - 8	Conference on Underground Infrastructure for Water and Urban Systems	Oct., 22-23, 2026, CBIP, New Delhi
9	WRC - 9	INHA Conference on Silting problems in Hydropower Plants	September/ October
10	WRC - 10	ISRM Workshop on Rock Mass Characterization and Site Investigation	Sept./ Oct. 2026
11	WRC - 11	Seminar on Advanced Geosynthetics for Climate Resilient Infrastructure	19-20, Nov., 2026, CBIP, New Delhi
12	WRC - 12	Tunneling Asia 2026- Conference on Sustainable and Safe Tunnelling for asia's Infrastructure growth.	3-4, December, 2026, Mumbai
13	WRC - 13	INCOLD Conference: International Conference on "Sustainable Management, Rehabilitation and Modernization of Ageing Dams for Long-Term Safety and Resilience"	November/ December 2026
14	WRC - 14	ISRM Workshop on Rock Mechanics for Dam; Hydropower and Mining Projects	December 2026
15	WRC - 15	Workshop on Geosynthetics for Slope Stabilization and Landslide Mitigation	21-22, Jan. 2027, CBIP, New Delhi
16	WRC - 16	Conference on Tunnelling in Himalayan and Difficult Geological Conditions	Feb. 25-26, 2027, CBIP, New Delhi
17	WRC - 17	IWRA Conference: International Conference -Water Energy & Food Nexus	February 2027
18	WRC - 18	ISRM International Conference on Advances in Rock Mechanics and Rock Engineering for a Sustainable Future	March 2027
19	WRC - 19	Conference on AI and Digital Technologies in Water Resources Management	March 18-19, 2027, CBIP, New Delhi
20	WRC - 20	Conference on Small Hydropower Development and Sustainability	March 2027, Vadodara

A-2 TRAINING PROGRAMS (Doorstep / Short Term Program) – Virtual / Physical			
Sl. No.	Programs Code	A-2 (i) DAMS AND HYDROPOWER	Duration (days)
1	WR-1	Planning, Design & Construction of Earth, Concrete & Rockfill Dams	2
2	WR-2	Design and Construction of Ground Improvement Technology Like Diaphragm Wall, Slurry Wall, Piles Foundation, etc.	2
3	WR-3	Environmental Aspects of Hydropower Projects	2
4	WR-4	Environmental Impact Assessment & Effective Implementation Monitoring of EMPs	2

\*Note : The dates/programs are tentative. The members may refer for updates on our website from time to time ([www.cbip.org](http://www.cbip.org)) and contact the program coordinator before planning participation.

<b>A-2 (ii) TUNNEL AND UNDERGROUND</b>			
5	WR-5	Tunnel Design and Construction – Issue & Challenges	2
6	WR-6	Risk Management in Tunnelling Techniques	2
7	WR-7	Waterproofing for Tunnel and Underground Structures	2
8	WR-8	Shotcreting and Grouting	2
9	WR-9	Drilling & Blasting for Surface and Underground Excavation	2
<b>A-2 (iii) GEOSYNTHETICS</b>			
10	WR-10	Applications of Geosynthetics in Dams and Hydraulic Structures	2
11	WR-11	Applications of Geosynthetics for Ground Improvement	2
12	WR-12	Geosynthetics in Mining- Practice and Developments	2
<b>A-2 (iv) MISCELLANEOUS TOPICS</b>			
13	WR-13	Earthquake Resistant Structural Design	2
14	WR-14	Quality Management and Trends in Construction	2
15	WR-15	Concrete Technology	2
16	WR-16	Shotcrete Technology & High Performance Concrete (Including Self Compacting Concrete)	2
17	WR-17	Construction and Contract Management	2
18	WR-18	Environmental Aspects of Water Resources Projects	2
19	WR-19	Modernization of Irrigation Scheme Policies, Strategy, Technology and Investment	3
20	WR-20	Performance assessment of irrigation scheme	2
21	WR-21	Climate Change and Water Management	2
22	WR-22	Sustainable Development of Ground Water	2
23	WR-23	Water Resource Augmentation by Treated Water	2
24	WR-24	Improving Crop Production through Micro Irrigation	2
25	WR-25	Micro Irrigation for Improving Water Use Efficiency	2
26	WR-26	Latest Technology in Micro Irrigations	2
27	WR-27	Training Programmes for ET (Civil)	7 weeks

## **B. POWER AND RENEWABLE ENERGY SECTOR \***

<b>Sl. No.</b>	<b>Programs Code</b>	<b>NAME OF TRAINING/CONFERENCE</b>	<b>Dates / Venue</b>
<b>B-1 INTERNATIONAL / NATIONAL CONFERENCE</b>			
1	PC - 1	National Conference on "Best Practices of O&M of Substation Equipments, including Power Transformers and Reactors" - Under the aegis of CIGRE NSC A2: and B3	23–24 April 2026, New Delhi
2	PC - 2	International Study Tour- Leadership, Innovation & Global Best Practices at South East Asia (Malaysia, Singapore & Thailand)	16.- 24 May 2026
3	PC - 3	Pre-CIGRE Session 2026	June 2026, New Delhi / NCR
4	PC - 4	CIGRE Session 2026	August 2026, Paris
5	PC - 5	National Workshop on 'Energy Management, Energy, Conservation and Energy Audit'	September 2026, New Delhi
6	PC - 6	National Conference on "Protection System and its Challenges in RE Rich Grid - Under the aegis of CIGRE NSC B5: Protection and Automation	October 2026, New Delhi
7	PC - 7	WETEX 2026 – Water, Energy, Technology and Environment Exhibition, organized by Dubai Electricity & Water Authority (DEWA)	20–22 October 2026 at Dubai, UAE
8	PC - 8	National Conference on Overhead Transmission Lines: Planning, Design, Construction & O&M Practices - Under the aegis of CIGRE B2: Overhead Lines	November 2026, New Delhi
9	PC - 9	Conference on 'Grid stability with enhanced penetration of Renewables – Technical Challenges & regulatory frame work - Under the aegis of CIGRE NSC C2 on Information Systems and Telecommunication	December 2026, New Delhi
10	PC - 10	16th National Conference on 'Safety, Earthing and Lightning Protection System - Under the aegis of CIGRE NSC B3	January 2027, New Delhi
11	PC - 11	National Conference on 'Latest Trends & Innovations in EHV 'Insulated Cables & Overhead Lines' - Under the aegis of CIGRE B1: Insulated cables	March 2027, New Delhi

\* Note : The dates/programs are tentative. The members may refer for updates on our website from time to time ([www.cbip.org](http://www.cbip.org)) and contact the program coordinator before planning participation.



<b>B-2 Training Programme / Workshop</b>			
1	PT-1	Generator Protection System Fundamentals	22-24 April-2026, Siemens Power Academy, Goa
2	PT-2	Instrument Transformer, Disconnectors & Surge Arrester	27-29 April 2026, Hitachi EnergyTEC, Vadodara
3	PT-3	MV GIS Engineering, Protection Interface & Maintenance Practices	16-18 May-2026, Siemens Power Academy, Goa
4	PT-4	EHV Circuit Breaker - Design, Application, site installation, O&M, recent developments	18-20 May-2026, Hitachi EnergyTEC, Vadodara
5	PT-5	Dry-type transformer	8-10 June-2026, Hitachi EnergyTEC, Vadodara
6	PT-6	Transformer Protection System Fundamentals and Application	11-13 June-26, Siemens Power Academy, Goa
7	PT-7	EHV Gas Insulated Switchgear	20-22 July 2026, Hitachi EnergyTEC, Vadodara
8	PT-8	Substation Automation System - (RTU/A8000)	15-17 July 2026, Siemens Power Academy, Goa
9	PT-9	Diagnostic and Condition Monitoring of Switchyard Equipment	3-5 August 2026, Hitachi EnergyTEC, Vadodara
10	PT-10	Digital Substation Architecture, Process Bus & Digital Twin Technology	17-19 August 2026, Siemens Power Academy, Goa
11	PT-11	Power Transformer	7-9 September 2026, Hitachi EnergyTEC, Vadodara
12	PT-12	SIPROTEC Relay Engineering, Configuration & Protection Settings - Digsis 5	21-23 Sept.-2026, Siemens Power Academy, Goa
13	PT-13	EHV Substation Engineering & Insulation Coordination	5-7 October 2026, Hitachi EnergyTEC, Vadodara
14	PT-14	Substation Cybersecurity – Protection Strategies & Engineering Practices	26-27 October 2026, Siemens Power Academy, Goa
15	PT-15	Power System Protection	2-4 November 2026, Hitachi EnergyTEC, Vadodara
16	PT-16	Substation Automation System - (SICAM PAS/SCC)	16-18 November 2026, Siemens Power Academy, Goa
17	PT-17	EHV Substation Equipment (Instrument Transformer and Circuit Breaker)	7-9 December 2026, Hitachi EnergyTEC, Vadodara
18	PT-18	Industrial & Distribution Protection Systems with Arc Flash Analysis	22-24 December 2026, Siemens Power Academy, Goa
19	PT-19	Hybrid Switchgears	11-13 January 2027, Hitachi EnergyTEC, Vadodara
20	PT-20	Power System Protection & Automation Engineering – Core Design Principles & Calculation Fundamentals	18-20 January 2027, Siemens Power Academy, Goa
21	PT-21	WAMS & Synchro phasor Technology and India Grid code requirements	10-12 February 2027, Hitachi EnergyTEC, Vadodara
22	PT-22	IEC 61850 Architecture, Applications & Implementation Practices	16-18 February 2027, Siemens Power Academy, Goa
23	PT-23	HVDC & STATCOM	22-24 March 2026, Hitachi EnergyTEC, Vadodara
24	PT-24	Advanced Distance Protection – Principles, Calculations & SIPROTEC 5 Applications	24-26 March 2027, Siemens Power Academy, Goa

<b>B-3 TRAINING PROGRAMS (Door Step/Short Term Programs)</b>			
Sl. No.	Program Code	<b>B-3 (i) HYDRO POWER GENERATION (E&amp;M)</b>	Duration (days)
1	P1	Tutorial on Best Practices and Other O&M Aspects of Hydro Power Station Including Safety Requirement	10
2	P2	Operation & Maintenance of Hydro Turbines & Generators	3
3	P3	Current Practices in Power System Protection / Protection Principles, Applications and Analysis	3
4	P4	Generator Excitation System	3
5	P5	Governing System of Hydraulic Turbines (RGMO & FGMO) including Power Feedback and Frequency Control Mode of Operation)	3
6	P6	Gas Insulated Switchgear (GIS) – Layout, Maintenance and Trouble Shooting	3

7	P7	Control System, SCADA & Communication Network	3
8	P8	Generator Transformer: Design, Erection, Commissioning and Maintenance	3
9	P9	Life Management of Transformers and Reactors	3
10	P10	Vibration Analysis, Alignment & Balancing	3
11	P11	Grid Discipline - Fault Analysis, Management, Operation of Power Station	3
12	P12	Circuit Breaker & Switchyard Equipment, CT, PT&CVT etc	3
13	P13	RLA Services for Hydro Turbine and Hydro Generator, RLA techniques, Laboratory Evaluation Services, Trouble Shooting Services for Hydro Plants & Uprating Studies	3
14	P14	Renovation, Modernization & Upgradation/Life Extension of Hydro Electric Power Station	3
15	P15	Earthing System in Hydro power station	3
16	P16	Regulating Electricity Tariffs and Related Issues, (CERC Regulations, SERCs including IEGC)	3
17	P17	Tariff Design Challenges	3
18	P18	Challenges of Construction in Electricity Sector	3
19	P19	Open Access	2
20	P20	Core Issues of Electricity – Regulation Perspective	2
21	P21	Best O&M Practices & Other O&M Aspects of Hydro Power Station including Safety Requirement	3
22	P22	Energy Management System	3
23	P23	Power Economics	3
24	P24	O&M Aspect of HM Equipment in HE Projects	3
25	P25	O&M of EOT/Gantry Cranes and Hoist	2
26	P26	General Safety Awareness Electrical Safety & Basic Fire Safety System	3
27	P27	Disaster, Safety Management and Fire Fighting System of Hydro Power Station	3
28	P28	Power Pricing and Power Market	3
29	P29	Contracts and Purchase Management	3
30	P30	Store Management & Inventory Control	3

Sl. No.	Program Code	B-3 (ii) POWER GENERATION (THERMAL)	Duration (days)
31	P31	Performance Optimization and Condition Monitoring of Thermal Assets	3/2
32	P32	Coal Characteristics, Blending, Mill performance & Combustion and Optimization	3/2
33	P33	Water Optimization and Zero Discharge for Thermal Plants	3/2
34	P34	Store Management& Inventory Control	3/2
35	P35	Root Cause Analysis and Condition Monitoring of Motors	3/2
36	P36	Power Plant Performance-Analysis& Optimization	3/2
37	P37	Environmental Issues, Challenges and Solutions for Thermal Plants	3/2
38	P38	Strategies for cost Effective Maintenance Management System in a Power Plant	3/2
39	P39	Auxiliary Power Optimization & Improvement	3/2
40	P40	Gas Turbine Power Plant Performance in Open and Combined Cycle-analysis & Optimization	3/2
41	P41	Corrosion related problems and their remedial measures in Thermal Power Plants	3/2
42	P42	Coal Combustion Issues in Thermal Power Plants	3/2
43	P43	Coal, Oil and Water Sample Analysis	3/2

Sl. No.	Program Code	B-3 (iii) TRANSMISSION SYSTEM	Duration (days)
44	P44	Operation and Maintenance of Substation equipments	3
45	P45	Gas Insulated Switchgear (GIS) – Layout, Maintenance and Trouble shooting	3
46	P46	Operation and Maintenance of Transmission line including condition monitoring	3
47	P47	Power system protection- Protection principles, Application and analysis	3
48	P48	Power Transformers & Reactors- Operation and Maintenance, Erection, Testing & Commissioning, Insulating Oil properties	3
49	P49	Power Transformers & Reactors- Tender Specifications, Design aspect, Latest trends in Power Transformers	2
50	P50	Life management of Transformers and Reactors	2
51	P51	Design and Construction practices for Substation	2
52	P52	Design and Construction practices for Transmission line including foundation	2



53	P53	SCADA in Transmission system	3
54	P54	Smart grid concept in Transmission - Issues and Challenges	2
55	P55	Effective Energy management and Power quality issues	2
56	P56	Indian Electricity Act, Indian Electricity Grid Code and Regulations for Transmission utilities	2
57	P57	FACT Devices, Controlled Switching Device Fault current limiters – need and benefits	2
58	P58	Latest development in metering technology including smart meters	2
59	P59	Regulatory and commercial aspect including tariff design	3
60	P60	Earthing system and it's importance	2
61	P61	Procurement, Inventory and Store management	2
62	P62	Electrical and Fire safety including prevention of Accidents	3
63	P63	Disaster management	2
64	P64	Transformer Maintenance & testing for supervisor/technician	2
65	P65	Narrow base Tower	2
66	P66	Communication needs in Transmission utilities- Use of OPGW and it's benefit	2

Sl. No.	Program Code	B-4 (iv) DISTRIBUTION SYSTEM	Duration (days)
67	P67	Revenue management and loss reduction Techniques in Distribution system	2
68	P68	Improving the health of Distribution system including Distribution automation, Power quality, Distribution franchise	3
69	P69	Failure of Distribution Transformer, it's prevention and repair	2
70	P70	Grid discipline and Effective Energy management	2
71	P71	Distribution metering & advanced technology including Smart meters	2
72	P72	Smart grid concept in Distribution- Issues and challenges	2
73	P73	Distribution management with SCADA & Communication system	2
74	P74	Power quality, Harmonics mitigation & Reactive power management	2
75	P75	Power Trading and Power market	2
76	P76	Electrical and Fire safety, Accident causes and prevention	3
77	P77	Disaster management system	2
78	P78	Maintenance and handling of Underground/ ABC Cables	3
79	P79	Operation and Maintenance of Substation equipments	2
80	P80	Operation and Maintenance of Overhead Transmission line	2
81	P81	Distribution System – Construction practices for Substation and Transmission line	3
82	P82	Distribution system protection- Protection principles, Application and analysis	2
83	P83	Power/ Distribution Transformers- Construction, Erection, Testing and Commissioning, Operation & Maintenance	2
84	P84	Procurement, Inventory and Store management	2
85	P85	Energy audit and Demand side management	3
86	P86	Earthing practices in Electrical installation and related safety	2
87	P87	Redressal of Customer Grievances, Customer Satisfaction & Customer Relation Management	2
88	P88	Electricity act 2003 & Rules/regulation framed there under, Labour law, dealing with court cases	3
89	P89	Tariff Policy & Submission of ARR	2 Days
90	P90	Regulatory framework including Regulations, Policy	3 Days
91	P91	Rural Electrification- Project planning and DPR preparation	3 Days

Sl. No.	Program Code	B – 4. RENEWABLE ENERGY SECTOR	Duration (days)
1	RE1	Solar P.V. System and Solar Roof Top System	2
2	RE2	Renewable Energy System	2
3	RE3	Government Initiatives, Targets, Roles & Challenges in Renewable Energy sector including Energy Storage	2

#### Workshops on Finance (2026–27)

1.	Workshop on Service Tax Indirect Tax/Accounting Standard	June 2026, CBIP New Delhi
2.	Workshop on 'Direct Taxes'	September 2026, CBIP, New Delhi

## CENTRE OF EXCELLENCE AT GURUGRAM

C. Training Programs offered at Gurugram			
Sl. No	Program Code	C-1. PROGRAMS	Duration (Days)
1	CoE 1	Post Graduate Diploma Course in Operation & Maintenance of Transmission & Distribution System as per CEA Regulation 2010 (Online /Offline)	182
2	CoE 2	Online Certification course in Renewable Energy Development including Grid Integration and Energy Storage System	65-70 Hrs.
3	CoE 3	Online Certification Course on Cyber Security for Power Professionals	03 Months
4	CoE 4	Training Program on Power Transmission System -Design, Construction, Testing & Commissioning and O&M	05
5	CoE 5	Root Cause Analysis & Condition Monitoring of Electrical Equipments	02
6	CoE 6	Distribution System Management and Transformer Maintenance Technique	02-03
7	CoE 7	IT Application on Distribution System	02-03
8	CoE 8	O&M of Distribution System	03
9	CoE 9	Advances in Super Critical Technologies	01
10	CoE 10	Water Optimization in Thermal Power Plant	02
11	CoE 11	Coal Characteristics, Blending, Mill Performance, Combustion & Optimization	02
12	CoE 12	FGD System and NOx Reduction Technologies for Air Quality Improvement	01
13	CoE 13	A Hybrid Solar Wind Power Generation System	02
14	CoE 14	Solar PV system requirements as per CEA safety regulations 2023 & Safety in system integration	01
15	CoE 15	Smart Metering	02-05
16	CoE 16	New Technologies in Power Transmission	01
17	CoE 17	QCA, Tariff Policy and CERC Guidelines on Tariff	01
18	CoE 18	Contract & Procurement Management	02
19	CoE 19	HR & Finance Management	02-03
20	CoE 20	Competency Mapping	02
21	CoE 21	Planning for Superannuation	02
22	CoE 22	Disaster Management & Quick Response Team	03
23	CoE 23	Best Practices in Safety during O&M	02
24	CoE 24	General Safety Precaution, Fire Fighting & First Aid	03
25	CoE 25	Safety Health & Environment	02
26	CoE 26	Central Electricity Authority (Measure relating to Safety and Electric Supply) Regulation, 2018	02
27	CoE 27	Finance for Non Finance Executives	02
28	CoE 28	Goods and Service Tax (GST)	01
29	CoE 29	Energy Audit & Management	01
30	CoE 30	Customized Training Program on Soft Skill	02-03
31	CoE 31	Preventive Vigilance	02
32	CoE 32	Strengthening the skill India initiative by providing training under skill development in Power Sector, Green Jobs and Electronics Sectors for various job roles which QPs/NOS are developed by NSDC	01-04 Weeks
33	CoE 33	Induction Training Program (Residential) for Trainee Engineers/ Trainee Officers / Junior Engineers	Customized
34	CoE 34	Leadership development interventions like Enterprises Risk Management Strategic Management and Boundary Management for Senior executives	Customized



## D. LIST OF THE TECHNICAL AUDIT/PROTECTION AUDIT OF SUBSTATION PLANNED DURING 2026-27

The Central Board of Irrigation and Power (CBIP) shall continue with the work already under execution for a wide range of Third-Party Technical Audits of substations across the country, covering major installations of organizations such as Southern Region – I, Southern Region-II, Northern Region – I, Northern Region – III Western Region – II of POWERGRID and MP Power Transmission Company Limited (MPPTCL). These include audits of 765 kV, 400 kV, 220 kV, GIS, AIS, and HVDC substations across India.

CBIP is well-equipped to carry out Protection Audits, Technical Audits, and Safety audits of Hydro, Thermal power plant & other substations, and also consultancy assignments as per the specific requirements and scope of utilities. We shall be happy to take up such audit and consultancy assignments from respective utilities. Interested organizations may kindly contact us at the following emails for further details and coordination.

sklamba@cbip.org; arvind@cbip.org; jaideep@cbip.org;



(L to R) Shri R.K. Vishnoi, CMD, THDC India Ltd.; Shri Gurdeep Singh, CMD, NTPC Ltd.; Shri Pankaj Agarwal, IAS, Secretary, Ministry of Power; Shri Akash Tripathi, Additional Secretary (Hydro), Ministry of Power; Shri M.G. Gokhale, Member (Hydro), Central Electricity Authority (CEA) and Shri A.K. Dinkar, Secretary General, INCOLD & Secretary, CBIP during inaugural session of the Brainstorming Session on “Pumped Storage Projects: Powering India’s Renewable Future”, 1st May 2025, New Delhi



View of dais (L to R) Shri K.K. Singh – Director (WR), CBIP; Dr. Subir Sen, Director-Technical, Tripura State Electricity Corpn. Ltd.; Shri Alok Kumar, Former Secretary - Power, GoI, Director General, All India DISCOMS Association (AIDA) – Chief Guest; Shri A.K. Rajput, Former Member CEA; Shri Abhishek Ranjan, CEO, BSES Rajdhani Ltd. and Shri A.K. Dinkar, Secretary, CBIP, during Inaugural session of National Conference on Role of Distribution Systems and Distributed Energy Resources – Planning for 2030 and Beyond – 9–10 October 2025, New Delhi

## 4. LIST OF TRAINING PROGRAMS/ TUTORIALS/CONFERENCES ORGANIZED DURING 2025 – 2026

### 4.1 WATER RESOURCES HYDROPOWER AND ALLIED SECTORS

Sl. No.	TOPICS	Date and Venue
1	Conference on “Geosynthetics and Sustainable Geonaturals in Engineering Applications”	21-22 April 2025 at IIT Guwahati
2	Brainstorming Session on ‘Pumped Storage Projects: Powering India’s Renewable Future’	01 May 2025, SCOPE Complex, New Delhi
3	World Tunnel Congress 2025	9-16 May, 2025, Sweden
4	92nd ICOLD Congress and annual meeting	16-25 May, 2025 Chengdu, China
5	One Day Workshop on ‘Unlocking the Power of Hydrokinetic Energy’	6th June 2025, CBIP, New Delhi
6	GeoAsia8 – 8th Asian Regional Conference on Geosynthetics	10-13 June 2025, Australia,
7	EURO Rock 2025 by ISRM	16-20 June 2025, Norway
8	Brainstorming Session on "Indus Water Treaty – A Critical Review for a Resilient Tomorrow"	24 June 2025, New Delhi
9	Integrated Water Management for Sustainable Growth: Policy Reforms and Navigating Regulatory Challenges (Driving Innovation and Efficiency in Water Resource Governance)	July 3-4, 2025, CBIP, New Delhi
10	Conference on ‘Transforming Power & Water Sector Infrastructure through Feasibility Studies, DPRs, and Audits’	17 – 18 July, 2025, CBIP, New Delhi.
11	Hands on Training on ‘Mastering 3D Finite Element Analysis in Urban Excavation and Tunnels Engineering for Resilient Urban Infrastructure ‘	12-13 August 2025, CBIP, New Delhi
12	Hands-on Training “Mastering Rock Slope Design and Analysis with Advanced Geotechnical Software Tools from Rocscience”	02-03 September 2025, CBIP, New Delhi
13	Conference on Sedimentation Management for Sustainable Water and Hydropower Development	04-05 September 2025, CBIP, New Delhi
14	Conference on "Sustainable Infrastructure through Geosynthetics: Reducing Carbon Footprint".	11-12 September 2025, CBIP, New Delhi
15	3 days Training program on ‘Target Net zero and role of Renewable Energy’ for NHPC Executives	29-31 October 2025, CBIP Conference Hall, New Delhi
16	Workshop on ‘Solutions in Hydraulic & Barrier Systems using Geosynthetics’	11-12 November 2025, IIT, Bhubaneswar
17	Best Practices Training cum Study Tour and International Workshop on Battery Storage for Grid Stability & Renewable Integration	12-14 November 2025, Raipur, Chhattisgarh
18	2nd International Conference on ‘Sustainable Hydropower Development in the Himalayas’ (India - Bhutan Partnership for Green Future)	20 - 21 November 2025, Dungkar Dzong, Paro, Bhutan
19	Workshop on Carbon Footprint and Sustainability Evaluation for Transportation Infrastructure using Geosynthetics and AGM of IGS	1-2 December 2025, CRRI, Delhi
20	Tunnelling Asia Conference 2025 - International Conference on “Revolutionizing Underground Infrastructure through Advanced Tunneling Techniques”.	3–4 December 2025, SCOPE Complex, New Delhi
21	Conference on ‘Climate-Resilient Dams and Hydropower Infrastructure: Integrating Environmental Sustainability in Planning and Development’	29–30 January 2026, SCOPE Complex, New Delhi
22	International Conference on Dam Safety (ICDS) 2026,	13–14 Feb. 2026 Bangalore.
23	Study Tour cum Training Programme: Pumped Storage Hydropower: Best Practices for Grid Stability & Energy Transition	19-20 February 2026, Aditya Park Hotel, Hyderabad
24	Bharat Electricity Summit 2026, (supported by CBIP and INCOLD is Associate Partner)	19-22 March 2026, New Delhi
25	Workshop-cum-Technical Visit on Rock Mechanics: Principles, Practice and Engineering Applications	23–24 March 2026, Bengaluru

### 4.2 POWER AND RENEWABLE ENERGY SECTORS

S. N.	Name of Training/Conference	Date and Venue
1	International Immersion Program on “Leadership Development and Innovation”	06-14 April, 2025 SDA Bocconi, Italy and Zurich, Switzerland
2	Training on ‘Busbar Protection’	21-23 April 2025, Goa
3	Training on “EHV Substation Engineering & Insulation Coordination”	23-25 April 2025, Hitachi EnergyTEC, Vadodara



4	National Conference Role of Artificial Intelligence (AI) in the Power and Water Resources Sectors (Under the aegis of CIGRE NSC D2 on Information Systems and Telecommunication)	24-25 April 2025, CBIP, New Delhi
5	Training on "Power Transformer"	21-23 May 2025, Hitachi EnergyTEC, Vadodara
6	Training on 'Line Differential and Distance Protection'	26-28 May 2025, Siemens Power Academy, Goa
7	Workshop on 'Addressing Multiple Cyber Defense Control Framework Conundrum: An Approach'	13th June 2025, CBIP, New Delhi
8	Training on "EHV Gas Insulated Switchgear"	18–20 June 2025, Hitachi EnergyTEC, Vadodara
9	Conference on "Power System Operational Reliability through Flexibility"	19–20 June 2025, CBIP, New Delhi
10	Classroom training program on 'Cybersecurity'	25 - 27 June 2025, Siemens Power Academy, Goa
11	Training on "IEC 61850 and GOOSE Configuration"	21-23 July 2025, Siemens Power Academy, Goa
12	Conference on "Protection and Control in Hybrid Generation Networks and Experience in Implementation of Digital Substation"	24-25 July 2025, CBIP, New Delhi
13	Training on "Dry Type Transformer"	4 – 6 August 2025, Hitachi EnergyTEC, Vadodara
14	International Immersion Program on Leadership Development and Innovation (Batch-II) for Indian Power Professionals in Higher Management	07-15 September 2025, SDA, Bocconi, Italy and Zurich, Switzerland
15	Training on EHV Circuit Breaker – Design, Application, Site Installation, O&M, recent Developments	24-26 September 2025, Hitachi EnergyTEC, Vadodara
16	Training on "Substation Automation System"	24–26 September 2025, Siemens Power Academy, Goa
17	Training on "Instrument Transformers, Disconnectors & Surge Arresters"	06-08 October 2025, Hitachi EnergyTEC, Vadodara
18	Hands on Training on 'Generator Protection'	08–10 October 2025, Siemens Power Academy, Goa
19	National Conference on 'Role of Distribution Systems and Distributed Energy Resources – Planning for 2030 and beyond'	09-10 October 2025, CBIP Conference Hall, New Delhi
20	3-Days Tutorial and Conference on "Design & Construction of Transmission Lines"	05 - 07 Nov. 2025, Vadodara
21	Training on "Diagnostic and Condition Monitoring of Switchyard Equipment"	17 -19 November 2025, Hitachi EnergyTEC, Vadodara
22	Training on 'Protection Relays SIP-5'	24 – 26 November 2025, Siemens Power Academy, Goa
23	National Conference on 'Innovative Substation Concepts, Designs and Operation'	27-28 November 2025, CBIP, New Delhi
24	Training on 'Power System Protection'	8–10 Dec. 2025; Hitachi Energy, Vadodara
25	National Conference on Role of Young Generation & Women in Strong and Vibrant Indian National Power Grid	11-12 December 2025, Yashbhoomi (IICC) Sector 25, Dwarka, New Delhi
26	Training on 'EHV Substation Equipment' (Instrument Transformers and Circuit Breakers)	19–21 January 2026; Hitachi Energy TEC, Vadodara
27	Training on 'Substation Automation System'	20–22 January 2026, Siemens Power Academy, Goa
28	15th National Conference on "Safety, Earthing and Lightning Protection System" - Under the aegis of CIGRE NSC B3 on Substations and Electrical Installations	5-6 February 2026, CBIP, New Delhi
29	Hands on Training on "Transformers, Reactors, & EHV Bushings"	10–13 February 2026, Siemens Energy Transformer Factory, Mumbai
30	National Conference on 'Best Practices for Underground EHV Power Cables' - Under the aegis of CIGRE NSC B1 on Insulated Cables	26–27 February 2026, Hotel Le Meridien New Delhi
31	Training on 'EHV Substation Engineering and Insulation Coordination'	16th – 18th Mar. 2026, Hitachi Energy, Vadodara
32	Hands-on Training 'HV Gas-Insulated Switchgear'	17th –19th Mar. 2026, Siemens Energy Factory, Chhatrapati Sambhajnagar, Maharashtra
33	Training on 'Substation Automation System-Basic Fundamentals'	23rd-25th Mar. 2026, Siemens Power Academy, Goa

### 4.3 CBIP CENTRE OF EXCELLENCE AT GURUGRAM

S.N.	Title of the Program	Date
1	2 days training Program on Coal Characteristics, Blending, Mill Performance Combustion and Optimization' for the Executives of WBPDCCL	16-17 April, 2025 Sagardighi Thermal Power Station (SGTPS)
2	Limited Departmental Competitive Examination for Selection of Asstt. Electric Fitter for DTL	17 April, 2025, CBIP, New Delhi
3	2 days training Program on Coal Characteristics, Blending, Mill Performance Combustion and Optimization' for the Executives of WBPDCCL	24-25 April, 2025 Santaldih Thermal Power Station (STPS)
4	Promotional Training Program of Asstt, Managers (T)/Dy. Manager (T) to fill up the post of Manager (T) in DTL Batch-01-	28 April - 02 May, 2025, CBIP, New Delhi
5	Promotional Training Program of Asstt, Managers (T)/Dy. Manager (T) to fill up the post of Manager (T) in DTL Batch-02	05-09 May, 2025, CBIP, New Delhi
6	2 days training Program on Coal Characteristics, Blending, Mill Performance Combustion and Optimization' for the Executives of WBPDCCL	15-16 May, 2025, Kolaghat Thermal Power Station (KTPS)
7	Coal Characteristics, Blending, Mill Performance Combustion and Optimization' for the Executives of WBPDCCL at BTPS	10-11 June, 2025, Bandel Thermal Power Station (BTPS)
8	Training program on 'Renewable Energy for a Sustainable Future including Next Generation Grid Integration, Energy Storage, and Cyber Security Challenges'	16-20 June, 2025, CBIP Centre of Excellence, Gurugram
9	Training program on CERC/SERC including IEGC Regulation, Tariff Fixation and Related Issues for the executives of CVPPL	23-24 June, 2025, Jammu
10	'Coal Characteristics, Blending, Mill Performance Combustion and optimization' for the Executives of WBPDCCL	24-25 June 2025.
11	4 Weeks Induction Training Program on Hydro Power Development for the Trainee Engineers/ Trainee Officers of NHPC Ltd. (01st Batch)	28 July – 22 August, 2025, CBIP Gurgaon
12	12 Days Specialized Training Program for the Executives from BSPTCL (01st Batch)	18-29 August, 2025
13	4 Weeks Induction Training Program on Hydro Power Development for the Trainee Engineers/ Trainee Officers of NHPC Ltd. (01st Batch)	28 July – 22 August, 2025, CBIP Gurgaon
14	04 Weeks Induction Training Program for the Trainee Engineers/Trainee Officers of NHPC Ltd. (02nd Batch)	25 August – 19 September, 2025
15	04 Weeks Induction Training Program for the Trainee Engineers/Trainee Officers of NHPC Ltd. (02nd Batch)	25 August – 19 September, 2025
16	12 Days Specialized Training Program for the Executives from BSPTCL (02nd Batch)	08-20 September, 2025
17	03weeks Induction Training Program for the newly recruited Engineer Trainees from BSPHCL	08-27 September, 2025
18	04 days residential Training program on Risk Assessment & Capacity Building for TBCB Projects for the executives of MSETCL at Hyderabad jointly with APECO Infrastructure	15-18 September 2025
19	Promotional training program for the Manager – Technical to fill up the post of DGM-Technical for DTL	06-10 October 2025, CBIP Conference Hall, New Delhi
20	04 Weeks Induction Training Program for the Trainee Engineers/Trainee Officers of NHPC Ltd. (3rd Batch)	13 October – 07 November, 2025, CoE, Gurugram
21	Training Program on 'Dam Safety' for the Executives of WBPDCCL at BKTPP	30-31 October, 2025, Bakreshwar Thermal Power Plant
22	04 Weeks Induction Training Program for the Trainee Engineers/Trainee Officers of NHPC Ltd. (04th Batch)	10 November - 05 December 2025, CoE, Gurugram
23	04 Days Residential Training Program on "Overview of Tariff-Based Competitive Bidding (TBCB) Project, Associated Risk Assessment & Capacity Building	10-13 November 2025, Gurgaon
24	Training Program on Strategies for Cost Effective Maintenance Management System in a Power Plant for the executives of WBPDCCL at SGTPS	11-12 November, 2025, Sagardighi Thermal Power Station
25	05 Days Residential Training Program on "Design and Construction Practices for Substations" -	17-21 November 2025, Gurgaon
26	02 days Training Program on "Static Electricity – Mitigation and Prevention" for the executives of GAIL India at	20-21 November, 2025 GTI Noida
27	Training Program on Strategies for Cost Effective Maintenance Management System in a Power Plant for the executives of WBPDCCL at STPS	20-21 November, 2025, Santaldih Thermal Power Station
28	05 Days Residential Training Program on "Gas Insulated Switchgear (GIS) – Layout, Construction, Maintenance & Troubleshooting	24–28 November 2025, Gurgaon
29	Training Program on Strategies for Cost Effective Maintenance Management System in a Power Plant for the executives of WBPDCCL at KTPS	26-27 November 2025, Kolaghat Thermal Power Station
30	04 Weeks Induction Training Program for the Trainee Engineers/Trainee Officers of NHPC Ltd. (05th Batch)	08th December 2025 - 02nd January 2026
31	02 Days Training Program on IEC 61400 for the executives of ReNew Power	11-12 December, 2025



32	04 Weeks Induction Training Program for the Trainee Engineers/Trainee Officers of NHPC Ltd. (06th Batch)	05 -30 January, 2026, CoE, Gurugram
33	05 Days Residential Training Program on Design and Construction practices for Transmission line including foundation for the executives of MSETCL	12-16 January, 2026, CoE, Gurugram
34	03 Weeks Induction cum orientation Training Program for the new joined Jr Electrical Engineer (GTO) from BSPHCL – (01st Batch)	19 January – 07th February, 2026, CoE, Gurugram
35	100 Hrs. Online Certification Course on Cyber Security for Power Sector Professionals (3rd Batch)-.	19 January – 30 March, 2026 (Online)
36	05 Days Residential Training Program on Design and Construction practices for substation for the executives of MSETCL	27-31 January, 2026, CoE, Gurugram
37	02 Days Training Program on Static Electricity- Causes and Mitigation for the engineers of GAIL at GTI Jaipur	22-23 January, 2026, GTI Jaipur
38	05 Days Residential Training Program on Smart Grid concept in Transmission – Issues and Challenges for the executives of MSETCL	27-31 January, 2026, CoE, Gurugram
39	04 Weeks Induction Training Program for the Trainee Engineers/Trainee Officers of NHPC Ltd. - 42 Nos.(07th Batch)	02-27 February, 2026, CoE, Gurugram
40	05 Days Residential Trg. Program on Grid discipline and Effective Energy Management for the executives of MSETCL (Batch 1)	02-06 February, 2026, CoE, Gurugram
41	02 days Training Program on Coal Oil Water Sample Analysis for the executives of WBPDCCL at Sagardighi Thermal Power Station (SGTPS)	2-3 February, 2026, WBPDCCL, SGTPS
42	03 Weeks Induction cum orientation Training Program for the new joined Jr Electrical Engineer (GTO) from BSPHCL – ( 02nd Batch) 34 Nos.	08 – 28 February, 2026, CoE, Gurugram
43	05 Days Residential Trg Program on Gas Insulated Switchgear (GIS) - Layout, Construction, Maintenance and Troubleshooting for the executives of MSETCL	09-13 February, 2026, CoE, Gurugram
44	5 Days Residential Training Program on Operation & Maintenance of EHV Substation including Auxiliary system for the executives of MSETCL	09-13th Feb, 2026 at Hyderabad
45	02 days Training Program on Coal Oil Water Sample Analysis for the executives of WBPDCCL at Santaldih Thermal Power Station (STPS)	12-13 February, 2026, STPS, WBPDCCL
46	02 days Training Program on Coal Oil Water Sample Analysis for the executives of WBPDCCL at Kolaghat Thermal Power Station (KTPS)	18-19 February, 2026, KTPS, WBPDCCL
47	05 Days Residential Trg. Program on Grid discipline and Effective Energy Management for the executives of MSETCL (Batch 2)	23-27 February, 2026, CoE, Gurugram
48	05 Days Residential Trg. Program on Electrical and Fire safety, Disaster Management and Quick Response Team including ERS for the executives of MSETCL	23-27 February, 2026, CoE, Gurugram
49	02 days Training Program on Coal Oil Water Sample Analysis for the executives of WBPDCCL at Bakreshwar Thermal Power Plant (BKTPP)	24-25 February, 2026, BKTPP, WBPDCCL

#### D. PROTECTION/TECHNICAL AUDIT OF SUBSTATIONS/POWER STATIONS AND

#### CONSULTANCY ASSIGNMENTS UNDERTAKEN/ORGANISED DURING 2025-26

During the year 2025–26 about 80 nos. Protection, Safety and Technical Audits of Substations of voltage class 765 kV, 400 kV, 220 kV and HVDC Stations were carried out by CBIP as per the details given below:

S. No.	Organisation	No. of Audits Covered
1	POWERGRID Southern Region - I	08
2	POWERGRID Southern Region-II	03
3	POWERGRID Northern Region - I	04
4	POWERGRID Northern Region - III	12
5	POWERGRID Western Region - II	01
6	Madhya Pradesh Power Transmission Company Ltd.	31
7	Resonia Group	08
8	Maharashtra State Electricity Transmission Company Ltd.	03
9	NTPC Limited Swtichyards	02
10	TAQA Neyveli Power Company Pvt. Ltd.	01
11	Nalari Ferro Alloys Pvt. Ltd.	01
12	Hills Cement Company Ltd.	01
13	Nuclear Power Corporation of India Ltd.	01
14	Damodar Valley Corporation	11
15	IL & FS Tamil Nadu Power Company Limited, Cuddlore	01



Apart from the Audit, consultancy assignments such as processing of Tariff petition on behalf of APERC and review of O&M Manual of GETCO also carried out. CBIP also contributed to capacity building activities such as assessment of trainee engineers of MSETCL at IIM Nagpur.

Overall, the assignments encompassed Protection Audits, Technical Audits, Safety Audits, Consultancy Services and Performance Assessments, covering a wide spectrum of substations (132 kV to 765 kV), HVDC stations, GIS/AIS substations, switchyards, and power plants across various regions of India, representing CBIP's extensive involvement and expertise in ensuring reliability, safety and performance of Power Sector Installations.

<b>Workshops on Finance and HR Conducted during 2025–26</b>		
1	2 Days Workshop on GST	4th – 5th June 2025, CBIP, New Delhi
2	2 days Workshop on 'Direct Taxes'	23rd – 24th February 2026, CBIP, New Delhi
3	Residential Training on "Leadership, Team Building & Belongingness"	28-30 April 2025, Gangtok
4	Interactive Workshop on "HR for Non HR Managers"	22-23 May 2025, CBIP, New Delhi
5	Workshop on "Productivity, Motivation and Wellness in the New Normal"	28-29 August 2025, CBIP, New Delhi

#### **E. TECHNICAL AUDIT OF POWER STATIONS AND CONSULTANCY ASSIGNMENTS UNDERTAKEN ORGANIZED DURING 2025 – 2026**

<b>Sl. No.</b>	<b>Technical Audit Of Hydro/Thermal/Solar/Wind Power Stations</b>	<b>Dates</b>
1	Conducted Safety Audit for Parasan Solar Power Plant (75 MW) of SJVN Green Energy Limited (SGEL)	Oct. 2025
2	Technical Audit and Gap Analysis of Bokaro Thermal Power Station (BTPS-A) (1X500 MW), DVC, Jharkhand	26th January – 12th February 2026
3	Technical Audit of SJVNL's Naitwar Mori (2x 30 MW) Power Station	16-17 May 2025
4	Technical Audit of Loktak Power Station (3X45 MW)	13.10.25 to 16.10.25
5	Analysis of Fault occurred in Generator of Unit#2 of TONS Power Station of MPPGCL	05.01.26 to 09.01.26
6	Technical Audit of TEHRI Power Station and Koteshwar Power Station of THDCIL	19.01.26 to 25.01.26
7	40 MVA Transformer Ongoing Repair Work Inspection (Third Visit) of PTCUL at Haridwar	16.02.26 to 17.02.26
8	Consultancy Services. Order No.-940/CE(O&M)/GZR/Tender (Gen) dt 22.09.25	08.10.25 to 10.10.25 (1ST Trip)

## WHO SHOULD ATTEND?

All the programs are of interest and quite useful for the Professionals and Stakeholders from Central Govt. / State Govt. / SEBs, Power Utilities/Corporations, Regulators, Researchers/ Academicians, Power Exchanges, Power Market Consultants, Power Trading Organisations, Public and Private Power Generating Companies (CPP, IPP, etc.), Industrial Consumers of Electricity, Manufacturers, Planners, System Operators, Consultants, Electrical, Contractors, etc.

### CBIP Secretariat

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### Program co-ordinator:

#### **Program related to Water Resources**

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#### **Program related to Energy**

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**Shri Akshay Dewan**, *Manager (E)*, CBIP Email: akshay@cbip.org M: 9555938212

#### **Program related to Centre of Excellence, Gurugram**

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03 Weeks Induction-cum-Orientation Program for Junior Electrical Engineers (GTO), BSPHCL  
– 09 – 28 March 2026, Gurugram

## CBIP OFFICES

### Past



Curzon Road, New Delhi

*CBIP office, at Curzon Road, New Delhi  
(1952-1980)*

### Present



*CBIP office  
at Chanakyapuri, New Delhi  
(1980 onwards)*



*CBIP Centre of Excellence  
at Gurugram  
(2013 onwards)  
Sector 32, Plot No. 21*



*CBIP Centre of Excellence  
at Gurugram  
(2020 onwards)  
Sector 32, Plot No. 09*

## INFRASTRUCTURE FACILITIES AT CBIP

### At Malcha Marg, New Delhi (Head Office)

- Conference Hall
- Training Hall
- Board Room
- Library

### At CoE, Gurugram

- 4 state-of-the-art Class Rooms
- Library, with digitized version of books and journals
- Various Laboratories like Electrical Lab, Mechanical Lab and C&I Lab, having various associated tools including safety equipments, testing equipments, working models etc.
- Computer lab connected through LAN with wi-fi facilities

## Central Board of Irrigation and Power

Malcha Marg, Chanakyapuri, New Delhi 110 021, India

Tel : 91-11-26115984 / 26116567

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