

# Training Calendar

## 2024-25



## Central Board of Irrigation & Power

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View of the inaugural session (L-R) Shri Hiroshi Okamoto, President CIGRE-Japan; Shri Sanjeev Singh, Director (E), CBIP; Shri I. S. Jha, President CIGRE-India & Member CERC; Shri Marcio Szechtman, Vice President, TC Chair, CIGRE; Shri Michael Heyeck, CIGRE-Vice President, Finance; Shri A.K. Dinkar, Secretary, CBIP; Shri S.R. Narasimhan, CMD, GRID-INDIA and Shri V. S. Prasad, Head NCMRWF



8th International R&D Conference on “Global Trends in Water Resources, Power & RE Sectors”, 8 – 9 February 2024, IIT, Roorkee (L-R) Shri A.K. Srivastava, Advisor, CBIP; Professor (Dr.) Arun Kumar, IIT Roorkee; Professor (Dr.) K.K. Pant, Director, IIT Roorkee; Shri A.K. Dinkar, Secretary, CBIP and Shri K.K. Singh, Director (WR), CBIP



# CONFERENCES, TUTORIALS AND TRAINING PROGRAMS

## 2024-25 CONTENTS

Sl. No.	Description	Page No.
1	Message from Secretary	4
2	CBIP Profile	5
3	<b>Conferences, Tutorials and Training Programs 2024-25</b>	
A	<b>A. Water Resources, Hydropower and Allied Sectors</b>	
	A-1 International Conferences (Physical)	8
	A-2 Training Programs/Workshop (Online)	8
	A-3 Training Programs (Door step/Short term Program) – Virtual/Physical	
	A-3 (i) Dams and Hydropower	8
	A-3 (ii) Tunnel and Underground	8
	A-3 (iii) Geosynthetics	8
	A-3 (iv) Miscellaneous Topics	8
B	<b>B. Power and Renewable Energy Sectors</b>	
	B-1 International Conferences (Physical)	9
	B-2 National Conferences (Physical)	9
	B-3 Training Programs/Workshop	9
	B-4 Training Programs (Door step/Short term Program) – Virtual/Physical	10
	(i) Hydro Power Generation (E&M)	10
	(ii) Power Generation (Thermal)	11
	(iii) Transmission System	11
	(iv) Distribution System	12
	B-5 Renewable Energy Sector	12
C	<b>C. CBIP Centre of Excellence, Gurugram</b>	
	C-1. Training Programs offered at Gurugram	13
4	<b>Training Programs/Tutorials/Conferences organized during 2023–24</b>	
	4.1 Water Resources, Hydropower and Allied Sectors	14
	4.2 Power and Renewable Energy Sectors	14
	4.3 Training Programs by CBIP Centre of Excellence, Gurugram	15
D	<b>Technical Audit of Power Stations</b>	16

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

**– Henry Ford**



## MESSAGE FROM SECRETARY



Central Board of Irrigation & Power (CBIP) is a 97 years old premier institution and a knowledge bank involved in the dissemination of technical knowledge & professional experiences to help Indian Engineers/Professionals for dissemination of technical knowledge in Water Resources, Power, Renewable Energy, and allied sectors in the country to update their knowledge and gain practical know-how. It has served these sectors with great distinction and has attained glorious heights in the past 97 years with the guidance of its Executive Board and excellent support of Member Organizations.

The present environment requires continuous up-gradation of capabilities at the individual & organizational levels to remain competitive. The professionals need to redefine their skills & mindset which is important to keep pace with the technological advancement globally. Moreover, the technical professionals must keep on learning for which the training inputs are required by them at every stage of their career viz. induction training to groom them efficiently and later on through refresher training programs to tackle the day-to-day problems in the management of Water, Power, Renewable Energy, and allied sectors.

CBIP has always been striving to provide the best of its services in the capacity building/HR development programs including training on Finance to contribute to the development of these crucial sectors of Water, Power, Renewable Energy, and allied sectors. It plays an important role in providing opportunities to professionals for getting an environment where they can always upgrade and enhance their knowledge/skills through well-organized conferences and training programs.

Realizing the constraints being faced by the professionals in leaving their stations/ headquarters to attend various training programs organized by CBIP in New Delhi and other places, CBIP has taken the initiative to provide Door Step/Onsite training and develop skills of various professionals of the Organizations dealing in Water, Power, Renewable Energy, and allied sector.

CBIP has so far organized over 1900 seminars, Conferences, Workshops, and Training Courses, both at National and International levels, in Water, Power, Renewable Energy, and allied Sectors, attended by over three lakh delegates. CBIP has also brought out 1665 Journals and 1515 valuable Manuals, Technical Reports, and Guidelines which are the outcome of the excellent and valuable contributions by Sr. Experts based on their practical experience. In its earnest effort, CBIP has conceptualized conferences and training programs to be organized during the year 2024-25, the details of which are given in this training calendar. The topics of conferences/ training programs have been identified keeping in view the problems being faced by the various departments/ organizations for accelerated development of these sectors. In addition to the listed programs, CBIP also conducts tailor-made training programs as per the requirements of various organizations.

We would further like to bring out that CBIP has been providing a common platform through various conferences/seminars etc. for the exchange of technical knowledge and has also been paving the way for introducing the latest/state-of-the-art technologies which have helped various organizations in their accelerated development.

We request all the organizations to take full advantage of the conferences and training programs that we are planning to organize during 2024-25 by deputing their professionals including young professionals and women engineers to participate in these programs. We are sure that the technical knowledge of the professionals participating in these programs will go a long way in benefitting the organization in general and participants in particular.

**A.K. Dinkar**  
Secretary, CBIP

# 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 94 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 Plastics 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 2024-25**

**A WATER RESOURCES, HYDROPOWER  
AND ALLIED SECTORS**

**B POWER AND RENEWABLE ENERGY  
SECTOR**

**C TRAINING PROGRAMS OFFERED BY  
CBIP CENTRE OF EXCELLENCE AT  
GURUGRAM**

**D TECHNICAL AUDIT**



## CONFERENCES, TUTORIALS AND TRAINING PROGRAMS 2024-25

### 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 International Symposium and 13th Asian Rock Mechanics Symposium (ARMS 13)	22 to 27 September 2024, New Delhi
2	WRC-2	92nd ICOLD Annual meeting and International Symposium on "Dams for People, Water, Environment and Development"	29th Sept. – 3rd October 2024 at ITPO New Delhi
<b>A-2 TRAINING PROGRAMME / WORKSHOP</b>			
1	WRT-1	Workshop on Reinforced Soil Walls: Distresses and Remedies	April 2024, Delhi
2	WRT-2	Workshop on Sedimentation Management in Reservoirs for Sustainable Development	May 2024, New Delhi
3	WRT-3	Workshop on Rock Mechanics in Hydropower Projects	June 2024, New Delhi
4	WRT-4	Workshop on Rock mechanics in Landslide Risk Analysis and Control	June 2024, New Delhi
5	WRT-5	Workshop on Pump Hydro Power Storage - The need to support high penetration of renewable energy	July 2024, New Delhi
6	WRT-6	Workshop on Waterproofing in tunnels; Sprayed concrete in underground Structures; Health and safety in tunnel construction	August 2024, New Delhi
7	WRT-7	Workshop on Use of geo-synthetics in rock engineering projects/ Seepage control in underground structures/tunnels	November 2024, New Delhi
8	WRT-8	Use of geo-synthetics in rock engineering projects/ Seepage control in underground structures/tunnels	December 2024, New Delhi
9	WRT-9	Integrating Rock Mass Classification Techniques and Tunnelling Technology	January 2025, New Delhi
10	WRT-10	Emerging Trends in Rock Engineering - Smart Mining	February 2025, New Delhi
11	WRT-11	Construction of Dams and Tunnels in Weak Rocks	March 2025, New Delhi

A-3 TRAINING PROGRAMS (Doorstep / Short Term Program) – Virtual / Physical			
Sl. No.	Programs Code	A-3 (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
<b>A-3 (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	Waterproofng 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-3 (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-3 (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 and High Performance Concrete (Including Self Compacting Concrete)	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.





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 \*

Sl. No.	Programs Code	TITLE OF THE EVENT	Dates	Venue
<b>B-1 INTERNATIONAL CONFERENCES (PHYSICAL)</b>				
1	PC-1	One day International Conference on 'Transmission/ Distribution Planning for Mega Cities/ Big Cities'	26th April 2024	New Delhi
2	PC-2	CIGRE Session 2024	25-30 August 2024	Paris
3	PC-3	Brain storming session by CEA on "Indian Power Sector Scenario by 2047"	14-15 October 2024	New Delhi
4	PC-4	International Colloquium on 'Cyber Security in Power Sector – collaboration is the key to success' under the aegis of CIGRE NSC D2	January, 2025	New Delhi
<b>B-2 NATIONAL CONFERENCE/WORKSHOP/TUTORIAL (PHYSICAL)</b>				
1	PC-1	National Conference on "Protection System and its Challenges in RE Rich Grid".	16-17 May 2024	New Delhi
2	PC-2	National Seminar on 'Electrical and Fire Accidents in Power Industry - Causes and Prevention'	June 2024	Shimla
3	PC-3	National Conference on 'Condition monitoring and failure analysis for substations'	13-14 September 2024	
4	PC-4	One day National Conference on 'Climate-Change Resilient Power Grids: Insulator Performance and Selection Based on Environmental Conditions'	November 2024	CBIP New Delhi
5	PC-5	National Conference on 'New technology for carbon neutrality and digitalization' under the aegis of NSC B3	December 2024	New Delhi
6	PC-6	15th National Conference on 'Safety, Earthing and Lightning Protection System'	March 2025	New Delhi
<b>B-3 Training Programme / Workshop</b>				
1	PT-1	Hands-on Training on 'Power System Network Study and Analysis'	3rd – 5th April 2024	CBIP New Delhi
2	PT-2	Hands on Training 'EHV Substation Engineering & Insulation Coordination'	8-10 April 2024	Vadodara
3	PT-3	Hands on Training 'Principles of Protection Technology'	15 to 17 April 2024	Goa
4	PT-4	Hands-on Training 'Transformer Protection'	22 to 24 April 2024	Goa
5	PT-5	Hands on Training 'Power Transformer'	06-08 May 2024	Vadodara
6	PT-6	Hands on Training 'Line and Differential Protection'	13 to 15 May 2024	Goa
7	PT-7	Hands on Training 'Busbar Protection-Batch 1'	10 to 12 June 2024	Goa
8	PT-8	Hands on Training 'EHV Gas Insulated Switchgear'	17-19 June 2024	Vadodara
9	PT-9	Hands on Training 'Diagnostic and Condition Monitoring of Switchyard Equipment'	10-12 July 2024	Vadodara

\* 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.



10	PT-10	Hands on Training 'SICAM RTU'	15 to 17 July 2024	Goa
11	PT-11	Hands on Training 'Dry-type transformer'	07-09 August 2024	Vadodara
12	PT-12	Hands on Training 'Cyber Security in Electrical Network'	12 to 14 August 2024	Goa
13	PT-13	Hands on Training 'EHV Circuit Breaker - Design, Application, site installation, O & M, recent developments'	09-11 September 2024	Vadodara
14	PT-14	Hands on Training 'Digital Substation and Digital Twin using IOT'	16-18 September 2024	Goa
15	PT-15	Hands on Training 'Power System Earthing'	07-09 October 2024	Vadodara
16	PT-16	Hands on Training 'IEC 61850 & GOOSE Configuration'	14 to 16 October 2024	Goa
17	PT-17	Hands on Training 'Transformer Protection'	11- 13 November 2024	Goa
18	PT-18	Hands on Training 'Instrument Transformer'	21-22 November 2024	Vadodara
19	PT-19	Hands on Training 'Substation Automation System'	16- 18 December 2024	Goa
20	PT-20	Hands on Training 'Feeder & Motor Protection'	13 to 15 January 2025	Goa
21	PT-21	Hands on Training 'Hybrid Switchgears - Plug & Switch System (PASS)'	20-22 January 2025	Vadodara
22	PT-22	Hands on Training 'Busbar Protection -Batch-2'	10-12 February 2025	Goa
23	PT-23	Hands on Training 'Power System Protection'	19-21 February 2025	Vadodara
24	PT-24	Hands on Training 'Generator Protection'	10 to 12 March 2025	Goa

#### B-4 TRAINING PROGRAMS (Door Step/Short Term Programs) – Virtual /Physical

Sl. No.	Program Code	B-4 (i) HYDRO POWER GENERATION (E&M)	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 and Up-rating Studies	3
14	P14	Renovation, Modernization and 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-4 (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 and 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-4 (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 and 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-5. 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

**“Live as if you were to die tomorrow.  
Learn as if you were to live forever.”**

**– Mahatma Gandhi**



## 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	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	Maintenance Management System in Power Stations and Industries	02
6	CoE 6	Root Cause Analysis & Condition Monitoring of Motors	02
7	CoE 7	Distribution System Management and Transformer Maintenance Technique	02-03
8	CoE 8	IT Application on Distribution System	02-03
9	CoE 9	O&M of Distribution System	03
10	CoE 10	Advances in Super Critical Technologies	01
11	CoE 11	Water Optimization in Thermal Power Plant	01
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	Contract & Procurement Management	02
15	CoE 15	HR & Finance Management	02-03
16	CoE 16	Competency Mapping	02
17	CoE 17	Planning for Superannuation	02
18	CoE 18	Disaster Management & Quick Response Team	03
19	CoE 19	Best Practices in Safety during O&M	02
20	CoE 20	General Safety Precaution, Fire Fighting & First Aid	03
21	CoE 21	Safety Health & Environment	02
22	CoE 22	Central Electricity Authority (Measure relating to Safety and Electric Supply) Regulation, 2023	02
23	CoE 23	Finance for Non Finance Executives	02
24	CoE 24	Goods and Service Tax (GST)	01
25	CoE 25	Energy Audit & Management	01
26	CoE 26	Customized Training Program on Soft Skill	02-03
27	CoE 27	Preventive Vigilance	02
28	CoE 28	ERP Implementation	01
29	CoE 29	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
30	CoE 30	Induction Training Program (Residential) for Trainee Engineers/ Trainee Officers / Junior Engineers	Customized
31	CoE 31	Leadership development interventions like Enterprises Risk Management Strategic Management and Boundary Management for Senior executives	Customized



## 4. LIST OF TRAINING PROGRAMS/ TUTORIALS/CONFERENCES ORGANIZED DURING 2023 – 2024

### 4.1 WATER RESOURCES HYDROPOWER AND ALLIED SECTORS

Sl. No.	TOPICS	Date and Venue
1	Workshop on Geo-synthetics for Infrastructure Development	19-20 April 2023, CBIP Hall, New Delhi
2	National Level Workshop on "Application of Geo-Synthetics in Dam Engineering"	26th – 27th June 2023 at THDC's Takshashila, Rishikesh
3	Best Practices for Safe Cross Passage –Investigation, Design and Construction	29-30 June 2023, CBIP New Delhi
4	Workshop on "Seismic Response Analysis of Dam Numerical Analysis",	24 - 25 August, 2023 at Indian Institute of Technology, Roorkee
5	One Day Seminar "Preparation of Bankable DPR for PSPs and HEPs and initiatives already taken/ in pipeline for development of PSPs & HEPs"	1st September 2023, CBIP Conference Hall, New Delhi
6	Workshop on "Rock Mechanics and Tunnelling Techniques"	14-15 Sep 2023, CBIP Hall, New Delhi
7	Workshop on 'Tailings Dam Safety'	12-13 October, 2023, CBIP, New Delhi
8	Tunnelling Asia 2023	22-24 Nov, 2023, ITC Maratha Mumbai
9	National Workshop on "Risk informed Dam Safety Management"	21st –22nd Dec 2023 at THDC-Takshashila, Rishikesh
10	National Workshop on Slope Stabilization Challenges In Infrastructure Projects	1 - 2 February 2024, CBIP Hall, New Delhi
11	8 <sup>th</sup> International R&D Conference on Global Trends in Water Resources, Power & RE Sectors	8 <sup>th</sup> - 9 <sup>th</sup> February, 2024, IIT, Roorkee
12	National Workshop on Dam Repair & Rehabilitation - Deciding, Design & Safety Criteria	29th February - 01st March 2024, CBIP Hall, New Delhi

### 4.2 POWER AND RENEWABLE ENERGY SECTORS

S. N.	Name of Training/Conference	Date and Venue
1	National Conference on 'Cyber Security Challenges for Power Grid & Smart Grid Networks'	31st March – 1st April 2023, IIT, Tirupati
2	Hands-on Training on 'Line and Differential Protection'	19th – 21st April 2023, Siemens Academy, Goa
3	Hands-on Training 'EHV Substation Engineering'	2nd – 4th May 2023, Hitachi Energy TEC, Vadodara
4	Brainstorming Session on "Exploratory Drill Hole / Drift during survey / Investigation stage for Hydro Power Project"	09.05.2023, CBIP, New Delhi
5	Hands-on Training on 'Substation Automation'	15th – 17th May 2023, Siemens Academy, Goa
6	Hands-on Training 'POWER TRANSFORMER'	17th – 19th May 2023 Hitachi Energy TEC, Vadodara
7	Hands-on Training 'MV Gas Insulated Switchgear'	29th – 31st May 2023, Siemens Academy, Goa
8	Hands-on Training 'EHV - Gas Insulated Switchgear'	14th – 16th June 2023 Hitachi Energy TEC, Vadodara
9	National Conference on 'New technology for carbon neutrality and digitalization' under the aegis of NSC B3 on Substations	6-7 July 2023, CBIP Hall, New Delhi
10	Brainstorming Session on "Best O&M Practices for Thermal Power Plants under Energy Transition Regime"	01-02 August 2023, CBIP Hall, New Delhi
11	National Conference on 'Failure Analysis of Power Transformer/Reactor – Case Studies'	9-10 August 2023, Hotel Le Meridien, New Delhi
12	Hands on training 'Dry Type Transformer'	23-25 August 2023, Hitachi Energy, Vadodara



13	Hands-on training on "EHV Circuit Breaker - Design, Application, Site Installation, O & M, recent Developments" on	20 – 22 September 2023, Hitachi Energy TEC, Vadodara
14	International Conference on 'Cyber Security in Power Sector – Collaboration is the Key to Success' Under the aegis of CIGRE NSC D2 with Grid India	12th Oct. 2023, Eros Hotel, New Delhi
15	Hands-on Training 'IEC61850 and GOOSE configuration'	25th - 27th Oct. 2023, Goa
16	2nd International Conference on 'GREEN HYDROGEN'	26th -27th Oct. 2023, New Delhi
17	Hands on Training on Feeder & Motor Protection	22-24 Nov. 2023, Siemens, Goa
18	National Workshop on 'Energy Management Energy Conservation and Energy Audit'	30th Nov.– 1st Dec. 2023, CBIP, New Delhi
19	Webinar Series on 'Challenges and way Forward for Reliable Operation of Power System with High Penetration of Variable Renewable Energy in the Indian Grid'	01st, 09th & 11th Dec. 2023
20	Hands-on Training on "Transformer Protection"	20-22 December 2023, Siemens Power Academy, Goa
21	International Colloquium on 'Grid stability with enhanced penetration of Renewables – Technical Challenges & regulatory frame work'	11-12 January 2024, Hotel Le Meridian, New Delhi
22	Hands-on Training on "Busbar Protection" - Siemens Power Academy, Goa	22-24 January 2023
23	14 <sup>th</sup> National Conference on Safety, Earthing and Lightning Protection System	1-2 February 2024, New Delhi
24	International Conference on "Transmission & Distribution Equipment's"	22nd – 23rd February 2024, Hotel Le Meridien, New Delhi.
25	2nd National Conference Cyber Security challenges for Power Grid & Smart Grid Networks	14th – 15th March 2024, Jammu

### 4.3 CBIP CENTRE OF EXCELLENCE AT GURUGRAM

S.N.	Title of the Program	Date
1	Conduction of Promotional Test for the Executives of NHPC	25th April 2023
2	Water Optimization & Zero Discharge in Thermal Power Plants, STPS , WBPDC	16.05.23-17.05.23
3	Root Cause Analysis & Condition Monitoring Of Electrical Equipment Failure, SGTPS, WBPDC	16.05.23-17.05.23
4	Water Optimization & Zero Discharge in Thermal Power Plants, KTPS, WBPDC	18.05.23-19.05.23
5	Root Cause Analysis & Condition Monitoring Of Electrical Equipment Failure, KTPS, WBPDC	30.05.23-31.05.23
6	5 days Promotional Training Program for Manager (Legal), DM (Legal ) & Jr. Law Officer to fill up the Post of DGM (Legal), Manger (Legal ) and AM (Legal) respectively of Delhi Transco Limited	05.06.2023 -09.06.2023
7	2 days Training Program in Disaster Management	26.06.2023 -27.06.2023
8	Water Optimization & Zero Discharge in Thermal Power Plants, BTPS, WBPDC	05.06.23-06.06.23
9	Water Optimization & Zero Discharge in Thermal Power Plants, BKTPS, WBPDC	14.06.23-15.06.23
10	Root Cause Analysis & Condition Monitoring Of Electrical Equipment Failure, STPS, WBPDC	27.06.23-28.06.23
11	Online Certification Course on Cyber Security for Power Professionals	01.08.2023-24-10-2023
12	Industry Oriented & Placement Linked -26 Weeks Post Graduate Diploma Course (CEA Approved ) in Transmission and Distribution Systems with Automation (SCADA /DMS)	01.02.2023-31.07.2023
13	Coal Characteristics, Blending, Mill Performance, Combustion, Optimization, SGTPS, WBPDC	03.08.23-04.08.23
14	Coal Characteristics, Blending, Mill Performance, Combustion, Optimization, STPS, WBPDC	10.08.23-11.08.23
15	Industry Oriented & Placement Linked -26 Weeks Post Graduate Diploma Course (CEA Approved ) in Transmission and Distribution Systems with Automation (SCADA /DMS)	16-08-2023 – 15.02.2024
16	Coal Characteristics, Blending, Mill Performance, Combustion, Optimization, STPS, WBPDC Of KTPS WBPDC	23.08.23-24.08.23
17	Online Capacity Building Training on Strategic Transformation	29.08.23
18	Adopting Life Style for Environment for DVC	29.09.23
19	Preparation of Questionnaire for MSETCL jointly with APECO	July 2023
20	Consultancy Service for Third Party Quality Audit of DDUGJY Phase –II Work of TSECL Jointly with Nangia Co & LLP	August 2023
21	Protection and Technical Audit of 12 nos. substations of Transmission Deptt., DVC.	August 2023
22	Root Cause Analysis & Condition Monitoring Of Electrical Equipment Failure	11th-12th September
23	05 Days Training Program on Power Transmission System – Design , Construction , Testing & Commissioning and O & M ( 2nd Batch	25-27th September 2023

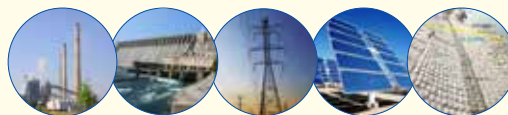


24	Coal Characteristics ,Blending, Mill Performance, Combustion, Optimization for WBPDC	26.09.23-27.09.23
25	Promotional Training Program of Section Officer ( HR ) & Section Officer(Vigilance) for the post AM for DTL	09-13 October 2023
26	Water Optimization & Zero Discharge in Thermal Power Plants for WBPDC	12-13 October 2023
27	Assessment of Individual and Group Presentation of Trainee Batch ( Trans) of MSETCL jointly with APECO	18 October, 2023
28	Protection and Technical Audit of 3 Nos of Substation of OPTCL	29th Oct. 24th Nov. 2023
29	Training Program for the Team Members of Uganda Electricity Transmission Co. Ltd.	04th-15th December, 2023
30	Specialized Training Program on Applicable standards and codes for Transmission Line including IEC, IS & BS for the Executives of Nepal Electricity Authority (NEA)	28th Nov. 04th Dec. 2023
31	Induction Program for NHPC Trainee Engineers – 01st Batch (60 GETs for 4 week )	4th -27th December 2023
32	Training Program on Ash Dyke Management for WBPDC	11-12 Dec., 2023
33	Online Training Program on CERC Regulations for JSW Hydro Energy Ltd.	14-15 Dec., 2023
34	One Day Conference on Emerging Power Market and Trading	15 Dec., 23
35	Induction Program for NHPC Trainee Engineers -02nd Week (57 GETs for 4 week )	01-27th January, 2024
36	Training Program on Ash Dyke Management for WBPDC	05-06 Jan., 2024
37	Training Program on Ash Dyke Management for WBPDC	10-11 Jan., 2024
38	Root Cause Analysis & Condition Monitoring Of Electrical Equipment Failure	30-31 Jan., 2024
39	Technical Audit of 10 Nos. Substation of Electricity department Daman	Dec.23 -Jan., 2024
40	Training Program on First Aid for SJVNL (Buxer (02 Nos.))	17-18 Jan. 2024
41	Induction Program for NHPC Trainee Engineers – 03rd Batch (61 GETs for 4 week )	05 Feb.-01 March, 24
42	Consultancy job of Training Need Assessment for MSETCL jointly with APECO	Oct., 23.- March, 24
43	Consultancy Job of Technical Audit for the Substation of PTCUL jointly with APECO	Dec.23 –March, 24
44	Induction Program for NHPC Trainee Engineers – 04th Batch (59 GETs for 4 week )	04 -29 March, 24
45	Technical Audit of 04 Nos. Substation of Electricity Department of Dadra and Nagar Haveli	26 Feb – 23 March, 24

#### D. TECHNICAL AUDIT OF POWER STATIONS AND CONSULTANCY ASSIGNMENTS UNDERTAKEN ORGANIZED DURING 2023 – 2024

SN	Technical Audit of Hydro/Thermal/Solar/Wind power Stations	Dates
<b>Technical Audit of Hydro Power Stations</b>		
1	Technical Audit of CHILLA (144 MW) Power Station, UJVNL	31.7.23 to 1.8.23
2	Technical Audit of PATHRI (20.4 MW) Power Station, UJVNL	2.8.23 to 3.8.23(FN)
3	Technical Audit of MOHAMMADPUR (9.3 MW) Power station, UJVNL	3.8.23(AN) to 4.8.23
4	Safety Audit for Dhaulasidh Hydro Electric Project (66 MW), Hamirpur, Himachal Pradesh of SJVNL, Dhaulasidh Hydro Electric Project, Hamirpur	12 – 15 Sep. 2023
5	Technical Audit of KHODRI (120 MW), Power station, UJVNL	3.10.23 to 5.10.23 (FN)
6	Technical Audit of CHIBRO (240 MW), Power station, UJVNL	5.10.23(AN) to 7.10.23
7	Technical Audit NJHPS (1500 MW), SJVNL	31.10.23 to 3.11.23
8	Technical Audit RHPS (412 MW), SJVNL	4.11.23 to 6.11.23
9	Technical Audit of MB-II (304 MW) Power Station ,UJVNL	17.11.23 to 19.11.23 (FN)
10	Technical Audit of MB-I (90 MW) Power Station, UJVNL	19.11.23 (AN) to 21.11.23
11	Technical & RLA Audit of Sabragiri (340MW), Kakkad (50MW) & Kallada (15 MW) Power Stations of KSEB.	28.11.23 to 4.12.23





12	Technical Audit of Koldam (800 MW) Hydro Power Station, NTPC	19.12.23 to 21.12.23
13	Technical Audit of KLHEP (100 MW) & MSHEP(12 MW) of ASSAM	01.01.24 to 06.01.24
14	Additional Work of Technical Audit of KLHEP (100 MW) & MSHEP(12 MW) of ASSAM	28.01.24 to 02.02.24
15	Technical Audit & RLA of Koyana St-I & II (600 MW), St-III (320MW), St-IV (1000 MW) & KDPH (36 MW) total 18 Units of Power Plants of KGSC	14.01.24 to 26.01.24
16	Technical Audit of 690 MW Salal HEP of NHPC	06.02.24 to 09.02.24
17	Technical Audit of 390 MW Dulhasti HEP of NHPC	20.03.24 to 23.03.24
<b>Technical audit of Solar/Wind/Thermal Power Plant</b>		
18	Technical Audit and Gap Analysis for Mejia Thermal Power Station MTPS 144 X 210 MW of DVC, Mejia Thermal Power Station, DVC	Sep. 2023
19	Construction Safety Audit" of Buxar Thermal Power Project (2x660 MW)' of STPL, Buxar Plant	13 – 15 Sep. 2023
20	Conducting "Safety Audit for Parasan Solar Power Plant (75 MW), Kanpur of SJVN Green Energy Limited (SGEL)	29.11.2023 to 02.12.2023
21	Conducting "Technical Audit for Parasan Solar Power Plant (75 MW), Kanpur of SJVN Green Energy Limited (SGEL)	06.12.2023 to 08.12.2023
22	Technical Audit and Gap Analysis for Mejia Thermal Power Station (4x210 MW) of DVC, West Bengal	05.12.2023 to 09.12.2023
<b>Safety Audit</b>		
23	Safety Audit for Bikaner Solar Power Project (1000 MW) of SJVN Green Energy Limited (SGEL), Bikaner Solar Power Project	21-24 August 2023
24	Safety audit of Buxar TPS (2x600 MW) of SJVNL	September 2023
25	Safety Audit for Luhri Hydro Electric Project Stage – 1 (210 MW)" of SJVN Limited, Luhri Hydro Electric Project, Shimla	03-06 Oct 2023
26	Safety Audit for Naitwar Mori Hydro Electric Project (60 MW)" of SJVN Limited	10 – 13 Oct 2023
27	Safety Audit for Sunni Dam Hydro Electric Project (382 MW)" of SJVN Limited	16 – 19 Nov 2023
28	Conducting "Safety Audit for Sadla Wind Power Station (50 MW) of SJVN Limited at Gujarat	22 – 25 Jan 2024
29	Conducting "Safety Audit for Parasan Solar Power Plant (75 MW) of SJVN Green Energy Limited (SGEL)	November 2023,
30	Conducting "Technical Audit for Parasan Solar Power Plant (75 MW) of SJVN Green Energy Limited (SGEL)	November 2023
31	Protection and Technical Audit of 3 Nos. of Substation of OPTCL	29th October – 24th November 2023
<b>Training</b>		
32	Training on the topic (Testing of Power Plant Equipment ,Generator, Turbine, Transformer, RLA Studies, R&M of P.H) at Subansiri project ,of NHPC.	27-29 July 2023
33	Training on the topic (Testing of Power Plant Equipment ,Generator, Turbine, Transformer, RLA Studies, R&M of P.H) at Chamera-I P.S of NHPC.	25.9.23 to 27.9.23
34	Training on topic ("General Safety Awareness, Occupational Health and Safety, Electrical Safety and Basic, Fire Safety") at Chamera-I,P.S of NHPC.	16.11.23 to 18.11.23
35	Training on topic (Testing of Power Plant Equipment ,Generator, Turbine, Transformer, RLA Studies, R&M of P.H) at Rangit P.S of NHPC.	28.11.23 to 30.11.23
36	Training on the topic (Testing of Power Plant Equipment ,Generator, Turbine, Transformer, RLA Studies, R&M of P.H) at Parbati –II project of NHPC.	22.12.23 to 23.12.23
37	Training on the topic "General Safety Awareness, Occupational Health and Safety, Electrical Safety and Basic, Fire Safety" at Kishanganga Power Station of NHPC	21-23 Dec, 2023
38	Training on "Hydraulic Gates and Hoists, testing of Hydro-mechanical equipment" (3 days Program) – at CBIP Conference Hall	23- 25 Jan 2024
39	Training on the topic "General Safety Awareness, Occupational Health and Safety, Electrical Safety and Basic, Fire Safety" at SEWA-II Power Station of NHPC	05-07 Feb 2024



40	Training Programme on 'Erection, testing and Commissioning of Hydro Generating Units and associated equipment, power plant layout" at Subansiri Lower Project of NHPC.	07-09 Feb 2024
41	Training on the topic "General Safety Awareness, Occupational Health and Safety, Electrical Safety and Basic, Fire Safety" on at Silliguri R.O.of NHPC	12-14 Feb 2024
42	Training on "Trends in Power Markets in different Countries, Comparison in Indian Perspective " (3 days Program) conducted at CBIP conference hall.	14-16 Feb 2024
43	Training on the topic "General Safety Awareness, Occupational Health and Safety, Electrical Safety and Basic, Fire Safety" on at SALAL HEP of NHPC.	21-23 Feb, 2024
44	Training Program on "Hydro-generating Units and associated equipment (generator, turbine, transformers, excitation system, governing system etc)" at Salal Power Station of NHPC	14-16 March 2024
45	Training Program on "Power House Auxiliaries (D&D System, Fire Fighting System, Compressed Air System etc, LT and Emergency Lighting etc, )" at Salal Power Station of NHPC	18-20 March 2024
<b>Workshop on GST</b>		
46	Workshop on Goods & Services Tax	24-25 May, 2023, CBIP New Delhi
47	Workshop on GST	30-31 October 2023, Bhubaneswar

## 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 related to Centre of Excellence, Gurugram

**Shri Jaideep Singh, Sr. Manager – Training**  
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National Workshop on Risk-Informed Dam Safety, 21-22 December 2023, THDC Takshshila, Rishikesh

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Training Programme for NHPC Officers, 14-16 February 2024, New Delhi

## CBIP OFFICES

### Past



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

### Present



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



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



*CBIP Centre of Excellence  
at Gurgaon  
(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

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