

CONFERENCES AND TRAINING PROGRAMS 2021-22

- Power Sector
- Renewable Energy Sector
- Water Resources Sectors
- Allied Fields



Central Board of Irrigation & Power

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LIST OF CONFERENCES, TUTORIALS AND TRAINING PROGRAMS TO BE ORGANIZED DURING 2021 - 22

A. Water Resources and Infrastructure Development

A-1 CONFERENCES AND TUTORIALS			
Sl. No.	TITLE OF THE EVENT	Dates	Venue
1	Virtual Training Program on "Contract Management and Tendering Process" – for the engineers of Gujarat Maritime Board	April 2021	Webinar
2	Virtual Training Programme on Contract Models & Risk Assessment	April, 2021	Webinar
3	Brainstorming Session on "Development of Small Hydro - Issues and Challenges"	May 2021	New Delhi (in Physical Mode)
4	Life Cycle Cost Assessment	May, 2021	New Delhi
5	Workshop on Tunnel Design	June, 2021	New Delhi
6	International Conference on Construction of Road Tunnel in Himalayas: Issues & Challenges	July 2021	New Delhi
7	DFCC-Training Programme on NATM and TBM Tunnelling	July 2021	University of Graz at Leoben, Austria
8	RVNL-Training Programme on NATM and TBM Tunnelling	July 2021	University of Graz at Leoben, Austria
9	Workshop on Analysis of Design of Concrete Gravity Dams	August, 2021	New Delhi
10	Workshop on Best Practices in Cross Passages Construction	September 2021	New Delhi
11	Workshop on Dam Safety Management	October, 2021	New Delhi
12	Seminar on "Slope Stabilization Challenges in Infrastructure Projects"	October 2021	Dehradun
13	Seminar on "Applications of Geosynthetics in Water Resources Projects"	November 2021	New Delhi
14	Workshop on Observational Approach in Tunnelling: Evolution, Issues and Challenges	November, 2021	Mumbai
15	Tunnelling Asia 2021- Underground Space - The Need of the Day – TAI Awards 2021	November, 2021	Mumbai
16	ITA Award Function	November, 2021	Mumbai
17	International Conference on Challenges and Issues in Tunnelling for Infrastructure Projects	December 2021	Chennai
18	Workshop on Grouting Techniques for Repair of Dams: Quality Control/ Assessment, Machinery, Test & Analysis	January, 2022	New Delhi
19	Workshop on Tunnelling in North East Area	February 2022	Guwahati
20	Workshop on Roller Compacted Concrete Dams (RCC)	March, 2022	New Delhi

A-2 TRAINING PROGRAMS		
Sl. No.	A-2 (i) POWER GENERATION (HYDRO)	Duration (days)
1	Best Practices and Other O&M Aspects of Hydro Power Station Including Safety Requirement	3
2	Operation & Maintenance of Hydro Turbines & Generators	3
3	Current Practices in Power System Protection / Protection Principles, Applications and Analysis	3
4	Generator Excitation System	3
5	Governing System of Hydraulic Turbines (RGMO & FGMO) including Power Feedback and Frequency Control Mode of Operation)	3
6	Gas Insulated Switchgear (GIS) – Layout, Maintenance and Trouble Shooting	3
7	Control System, SCADA & Communication Network	3
8	Generator Transformer: Design, Erection, Commissioning and Maintenance	3
9	Life Management of Transformers and Reactors	3
10	Vibration Analysis, Alignment & Balancing	3
11	Grid Discipline - Fault Analysis, Management, Operation of Power Station	3
12	Circuit Breaker & Switchyard Equipment, CT, PT&CVT etc	3
13	RLA Services for Hydro Turbine and Hydro Generator, RLA techniques, Laboratory Evaluation Services, Trouble Shooting Services for Hydro Plants and Upgrading Studies	3
14	Renovation, Modernization and Upgradation /Life Extension of Hydro Electric Power Station	3
15	Earthing System in Hydro power station	3
16	Regulating Electricity Tariffs and Related Issues, (CERC Regulations, SERCs including IEGC)	3
17	Tariff Design Challenges	3
18	Challenges of Construction in Electricity Sector	3
19	Open Access	2
20	Core Issues of Electricity – Regulation Perspective	2
21	Energy Management System	3
22	Power Economics	3
23	O&M Aspect of HM Equipment in HE Projects	3
24	O&M of EOT/Gantry Cranes and Hoist	2
25	General Safety Awareness Electrical Safety & Basic Fire Safety System	3
26	Disaster, Safety Management and Fire Fighting System of Hydro Power Station	3
27	Power Pricing and Power Market	3

Note: The above list is tentative and separate brochures for each event will be circulated with final details. In addition to the above, more events are being explored as per the requirements of various organizations in different regions.



28	Contracts and Purchase Management	3
29	Store Management & Inventory Control	2
A-2 (ii) DAMS AND HYDROPOWER		
30	Planning, Design & Construction of Earth, Concrete & Rockfill Dams	3
31	Analysis and Design of Concrete Gravity Dams	5
32	Seismic Aspects of Dam Designs	3
33	Roller Compacted Concrete (RCC) Dams	3
34	Construction of Dams and Tunnels in Weak Rocks	3
35	Design and Construction of Ground Improvement Technology Like Diaphragm Wall, Slurry Wall, Piles Foundation, etc.	3
36	Dam Safety Management including Instrumentation of Existing Dams	3
37	Grouting Techniques for Repair of Dams; Quality Control/ Assessment, Machinery; Tests & Analysis	3
38	Application of Finite Element Analysis for Water Resources Structures	5
39	Spillway and Energy Dissipation Designs	3
40	Civil Quality Aspects & Mix Design in Hydropower Project Construction	2
41	Assessment of Soil Erosion and Sedimentation Control in Hydropower Projects	2
42	Environmental Aspects of Hydropower Projects	2
A-2 (iii) TUNNEL AND UNDERGROUND		
43	Tunnel Design and Construction – Issue & Challenges	3
44	Geotechnical and Geological Investigations under High Over Burden	2
45	Risk Management in Tunnelling Techniques	3
46	Rock Mechanics and Tunnelling Techniques	2
47	Waterproofing for Tunnel and Underground Structures	2
48	Use of TBM/Road Header in Underground Works - Issues & Challenges	2
49	Health and Safety in Tunnel Construction	3
50	Ventilation System in Long Tunnels	3
51	Shotcreting and Grouting	2
52	Drilling & Blasting for Surface and Underground Excavation	3
53	Innovation in Tunnelling Technologies	3
54	Design & Construction of Underground Works of Hydropower Project	3
55	Observational approaching tunnelling – Environmental Issues and Challenges	
56	Fire Safety Hazard in Tunnels	3
A-2 (iv) GEOSYNTHETICS		
57	Applications of Geosynthetics in Dams and Hydraulic Structures	2
58	Applications of Geosynthetics for Slope Stability & Landslides	2
59	Applications of Geosynthetics for Ground Improvement	2
60	Geosynthetics Reinforced Soil Slopes and Walls	2
61	Applications of Geosynthetics for Coastal, River and Hill Slope Erosion Control	2
62	Geosynthetics in Mining- Practice and Developments	2
A-2 (v) WATER RESOURCES MANAGEMENT		
63	Environmental Aspects of Water Resources Projects	2
64	Modernization of Irrigation Scheme Policies, Strategy, Technology, and Investment	3
65	Performance Assessment of Irrigation Scheme	2
66	Claimant Change and Water Management	2
67	Sustainable Development of Ground Water	2
68	Water Resource Augmentation by Treated Water	2
69	Improving Crop Production through Micro Irrigation	2
70	Micro Irrigation for Improving Water Use Efficiency	2
71	Latest Technology in Micro Irrigations	2
72	Training Programmes for ET (Civil)	7 weeks
73	Integrated Pipe Irrigation Network and Micro Irrigation	2
74	Integrated Water Resources Management	2
75	Developments in Hydraulic Gates	2
A-2 (vi) MISCELLANEOUS TOPICS		
76	Earthquake Resistant Structural Design	2
77	Quality Management and Trends in Construction	2
78	Concrete Technology	2
79	Shotcrete Technology and High Performance Concrete (Including Self Compacting Concrete)	2
80	Construction and Contract Management	2



B. POWER SECTOR

S. No.	Title of Event	Date	Venue
1.	National Conference on Disaster Management for Power Generation, Transmission & Distribution Systems (including Prevention of Accidents)	20-21 May 2021	CBIP Conference Hall
2.	Hands-on Training on 'Cyber Security'	May	Goa
3.	Hands-on Training on 'Fundamentals of Power Quality Solutions'	May	Pune
4.	Hands-on Training on 'Power System Earthing'	May	Vadodara
5.	Hands-on Training on 'Transformers (Condition Monitoring)'	June	Goa
6.	Hands-on Training on 'Switchgear Selection for PCC & Selectivity'	June	Pune
7.	Hands-on Training on 'HV Gas Insulated Switchgear'	June	Vadodara
8.	International Conference on Policy on Hydrogen Energy – Roadmap for its implementation	June	CBIP, New Delhi
9.	National Conference on "Innovations & Best Practices in Design, Construction, O&M and Environmental Considerations for EHV & UHV Transmission Lines	June	CBIP, New Delhi
10.	Hands-on Training on 'HVDC & Facts System'	July	Goa
11.	Hands-on Training on 'Switchgear Selection for MCC as per Type 2 Co-ordination'	July	Pune
12.	Hands-on Training on 'Substation Engineering'	July	Vadodara
13.	National Conference on Modern Technology Trends in Power Transformers including OLTC, Bushings	July	CBIP, New Delhi
14.	Hands-on Training on 'EV & Charging Infrastructure'	August	Goa
15.	Hands-on Training on 'Selection Of Final Distribution Products'	August	Pune
16.	Hands-on Training on 'Electrical/ Fire Safety and First Aid'	August	Vadodara
17.	CIGRE Paris Session	20-25 Aug 2021	Paris
18.	Hands-on Training on 'Energy Storage'	September	Goa
19.	Hands-on Training on 'Panel Design Concepts'	September	Pune
20.	Hands-on Training on 'Power Transformer'	September	Vadodara
21.	Workshop on Coal Characteristics, Blending, Mill Performance and Combustion	September	CBIP, New Delhi
22.	Hands-on Training on 'Power System Planning'	October	Goa
23.	Hands-on Training on 'Requirements of IEC 61439 for Switchboard Assembly Design '	October	Pune
24.	Hands-on Training on 'HV and EHV Switchgear'	October	Vadodara
25.	National Conference on Challenges in Power Distribution Systems (including Safety Aspects)	October	CBIP, New Delhi
26.	National Conference on "Earthing Systems"	October	CBIP, New Delhi
27.	Hands-on Training on 'Industrial Automation – Basics'	November	Goa
28.	Hands-on Training on 'New Trends in LV Switchgear & Modernization of Plants'	November	Pune
29.	Hands-on Training on 'Power Quality Aspects in Industry and Utility'	November	Vadodara
30.	International conference Renewable Energy & Energy Storage – Issues & Challenges		CBIP, New Delhi
31.	R & D conference	November	CBIP, New Delhi
32.	CIGRE SC A3 International conference on "T&D Equipment's"	17-19 Nov. 21	New Delhi
33.	Hands-on Training on 'Industry 4.0 – Basics'	December	Goa
34.	Hands-on Training on 'Power System Protection'	December	Vadodara
35.	International Tutorial and Conference on 'High Voltage Cables, Installation, O&M and Field Experiences'	December	CBIP, New Delhi
36.	Hands-on Training on 'New Generation Digital Substation'	January 2022	Goa
37.	Hands-on Training on 'Indian Grid Codes'	January 2022	Vadodara
38.	National Conference on "Power System Protection & Automation"	January 2022	CBIP, New Delhi
39.	Hands-on Training on 'Supervisory Control and Data Acquisition (SCADA)'	Feb. 2022	Vadodara
40.	Hands-on Training on 'MICROGRID'	Feb. 2022	Goa
41.	CIGRE SC Meeting and International Conference on "Grid Stability with Enhanced Penetration of Renewables"	April 2022	Goa
42.	CIGRE Paris Session	20-25 Aug 2022	Paris
43.	CIGRE SC B5 Meeting and International Conference on "Power System Protection"	Nov. 2023	New Delhi

Sl. No.	B-2 (ii) POWER GENERATION (THERMAL)	Duration (days)
1	Coal Characteristics, Blending, Mill performance & Combustion and Optimization	2 days
2	Water Optimization and Zero Discharge for Thermal Plants	2 days
3	Store Management & Inventory Control	2 days
4	Root Cause Analysis and Condition Monitoring of Motors	2 days
5	Power Plant Performance - Analysis & Optimization	2 days



6	Environmental Issues, Challenges and Solutions for Thermal Plants	2 days
7	Strategies for cost Effective Maintenance Management System in a Power Plant	2 days
8	Auxiliary Power Optimization & Improvement	2 days
9	Gas Turbine Power Plant Performance in Open and Combined Cycle-analysis and Optimization	3 days
10	Corrosion Related Problems and their Remedial Measures in Thermal Power Plants	2 days
11	Coal, Oil and Water Sample Analysis	2 days
12	Boiler Tube Failure – Causes and Remedial Measures	2 days

Sl. No.	B-2 (iii) TRANSMISSION SYSTEM	Duration (days)
1	Operation and Maintenance of Substation Equipments	3 Days
2	Gas Insulated Switchgear (GIS) – Layout, Maintenance and Trouble Shooting	3 Days
3	Operation and Maintenance of Transmission Line including Condition Monitoring	3 Days
4	Power system protection- Protection principles, Application and Analysis	3 Days
5	Power Transformers & Reactors- Operation and Maintenance, Erection, Testing & Commissioning, Insulating Oil properties	3 Days
6	Power Transformers & Reactors - Tender Specifications, Design aspect, Latest trends in Power Transformers	2 Days
7	Life management of Transformers and Reactors	2 Days
8	Design and Construction Practices for Substation	2 Days
9	Design and Construction Practices for Transmission Line including Foundation	3 Days
10	SCADA in Transmission System	3 Days
11	Smart Grid Concept in Transmission - Issues and Challenges	3 Days
12	Grid Discipline, Effective Energy Management and Power Quality Issues	3 Days
13	Indian Electricity Act, Indian Electricity Grid Code and Regulations for Transmission Utilities	3 Days
14	FACT Devices, Controlled Switching Device Fault Current Limiters – Need and Benefits	2 Days
15	Latest Development in Metering Technology including Smart Meters	2 Days
16	Regulatory and Commercial Aspect including Tariff Design	3 Days
17	Earthing System and its Importance	2 Days
18	Procurement, Inventory and Store Management	2 Days
19	Electrical and Fire Safety including Prevention of Accidents	3 Days
20	Disaster Management	2 Days
21	Transformer Maintenance & Testing for Supervisor/Technician	2 Days
22	Narrow base Tower	2 Days

Sl. No.	B-2 (iv) DISTRIBUTION SYSTEM	Duration (days)
1	Revenue Management and Loss Reduction Techniques in Distribution System	2 Days
2	Improving the Health of Distribution System including Distribution Automation, Power Quality, Distribution Franchise	3 Days
3	Failure of Distribution Transformer, it's Prevention and Repair	2 Days
4	Grid discipline and Effective Energy management	2 Days
5	Distribution metering & advanced technology including Smart meters	2 Days
6	Smart Grid Concept in Distribution- Issues and Challenges	2 Days
7	Distribution Management with SCADA & Communication System	2 Days
8	Power Trading and Power Market	2 Days
9	Electrical and Fire safety, Accident Causes and Prevention	3 Days
10	Disaster Management System	2 Days
11	Maintenance and Handling of Underground/ ABC Cables	3 Days
12	Operation and Maintenance of Substation Equipments	2 Days
14	Operation and Maintenance of Overhead Transmission Line	2 Days
14	Distribution System – Construction Practices for Substation and Transmission Line	3 Days
15	Distribution System Protection- Protection Principles, Application and Analysis	2 Days
16	Power/ Distribution Transformers- Construction, Erection, Testing and Commissioning, Operation & Maintenance	2 Days
17	Procurement, Inventory and Store Management	2 Days
18	Energy Audit and Demand Side Management	3 Days
19	Electrical Safety and Inspection of Electrical Installations Under I.E. Rules	2 Days
20	Electricity Act 2003 & Rules/Regulation framed there under, Labour Law, Dealing with court Cases	3 Days
21	Competitive bidding - Guidelines, Tendering process, Tender Specifications	2 Days
22	Tariff Policy & Submission of ARR	2 Days
23	Regulatory Framework including Regulations, Policy	3 Days
24	Rural Electrification- Project Planning and DPR preparation	3 Days



C. CBIP Centre of Excellence, Gurgaon

Training Programs offered by CBIP Centre of Excellence at Gurgaon		
Sl. No	PROGRAMS	Date
1.	Post Graduate Diploma Course in Operation & Maintenance of Transmission & Distribution System as per CEA Regulation 2010	182 Days
2.	Post Graduate Diploma Course in Power Plant Engineering as per CEA Regulation 2010	365 Days
3.	Post Graduate Diploma Certificate on Distribution System Engineering as per CEA Regulation 2010	90 Days
4.	Post Graduate Diploma in Civil Construction, Planning & Designing	182 Days
5.	Online Certification Course in Renewable Energy Development including Grid Integration and Energy Storage System	60 -65 Hrs.
6.	Root Cause Analysis & Condition Monitoring of Motors	02 Days
7.	Central Electricity Authority (Measure relating to Safety and Electric Supply) Regulation, 2018	02 Days
8.	Distribution System Management and Transformer Maintenance Technique	02-03 Days
9.	Smart Grid System and SCADA Technology	02-03 Days
11.	IT Application on Distribution System	02-03 Days
12.	O&M of Distribution System	03 Days
13.	Disaster Management & Quick Response Team	03 Days
14.	Best Practices in Safety during O&M	02 Days
15.	General Safety Precaution, Fire Fighting & First Aid	02-03 Days
16.	Safety, Health & Environment	02 Days
17.	Health Hygiene Safety and CPR Based Training	02 Days
18.	Contract & Procurement Management	02 Days
19.	Project Planning Management	02 Days
20.	Supply Chain Analysis	02 Days
21.	Increase in Productivity through fun Management in Office & Factory	02 Days
22.	Game Theory to Outsmart Competition	02 Days
23.	Competency Mapping	02 Days
24.	Design & Construction of Green Building	02 Days
25.	Finance for Non Finance Executives	02 Days
26.	Goods and Service Tax (GST)	01 Day
27.	HR & Finance Management	02-03 Days
28.	Customized Training Program on Soft Skill	02-03 Days
29.	Attitude for Excellence Making Future Ready	02 Days
30.	Improving Work Place Culture – Power of Positive Attitude	02 Days
31.	Personal Effectiveness Development to Meet the Challenges of New Competitive Era	02 Days
32.	Happiness at Work	02 Days
33.	Legislations related to Labour/ Welfare & Sexual Harassment	02 Days
34.	Discipline & Disciplinary procedure	02 Days
35.	Developing Executive Secretary, PA & PS & Office staff	02 Days
36.	Training on CSR – Implementation & Placement	02-03 Days
37.	Advances in Super Critical Technologies	1 Day
38.	Artificial Intelligence in Power Stations -1 Day	1 Day
39.	A Hybrid Solar- Wind Power Generation System	2 Day
40.	Offshore Wind Farm including its Transmission	1 Day
41.	Energy Audit & Management	2 Day
42.	Companies Act 2013 and SEBI (Listing obligation and disclosure) Regulation 2015	2 Day
43.	Preventative Vigilance	2 Day
44.	Strengthening the skill India initiative by providing training under skill development in power sector, green jobs and electronics sectors for various job roles which qualification packs/national occupational standard are developed by national skill development corporation (NSDC)	01 - 04 Weeks

D. Renewable Energy Sector

TRAINING PROGRAMS		
Sl. No.	TITLE OF THE EVENT	Duration (days)
1	Solar P.V. System and Solar Roof Top System	2 days
2	Renewable Energy System	2 days
3	Government Initiatives, Targets, Roles & Challenges in Renewable Energy Sector including Energy Storage	2 days

Note: The above list is tentative and separate brochures for each event will be circulated with final details. In addition to the above, more events are being explored as per the requirements of various organizations in different regions.



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.



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

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 91 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 and 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
- 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), Shri D.K. Sharma, President, Indian National Committee on Large Dams (INCOLD) has been elected as Vice President, International Commission of Large Dams (ICOLD).
- International Tunnelling & Underground Space Association of India (ITA)
- 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.
- CBIP has recently undertaken construction of another building at Gurgaon as part of extension of its Centre of Excellence, in Gurgaon (Haryana).

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 and it has also been recognised by the Department of Science and Technology as Scientific and Industrial Research Organisation (SIRO).

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

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 of Hydro Stations and Sub-stations



Shri Rattan Lal Kataria, Hon'ble Minister of State, Ministry of Jal Shakti, Government of India during CBIP Day Celebrations on February 2020, New Delhi



Shri Piyush Goyal, Hon'ble Minister of State (Independent Charge) for Power, Coal, New & Renewable Energy, Govt. of India during the Inaugural Session of Gridtech 2015, New Delhi jointly organised by CBIP



Hon'ble Minister of Jal Shakti, Shri Gajendra Singh Shekhawat and Hon'ble Minister of State for Power & Renewable Energy, Shri R. K. Singh during Inaugural Session of ICOLD Symposium on Sustainable Development of Dams and River Basins & APG Symposium on Water and Dams on 24th February 2021, New Delhi

OFFICE BEARERS OF CENTRAL BOARD OF IRRIGATION & POWER

PRESIDENT SR. VICE PRESIDENT		VICE PRESIDENTS			
P.S. Mhaske Chairperson, CEA and Ex-officio Secretary to Govt. of India	S.K. Haldar Chairman, CWC and Ex-officio Secretary to Govt. of India	Vivek Kapadia Secretary, Govt. of Gujarat & Director, Sardar Sarovar Project	Abhay Kumar Singh CMD NHPC Ltd.	Manoj Mathur Director (Solar) SECI	Anil Sardana MD & CEO Adani Transmission & Adani Power Ltd.
SECRETARY		DIRECTORS			
A.K. Dinkar		Dr. G.P. Patel		A.K. Bhatnagar	