Hyperlink for Courses provided by Institutes

1. Courses offered by Adani
2. Courses offered by CBIP
3. Courses offered by Hitachi Energy, Vadodara
4. Courses offered by MAHAGENCO, KTC, Koradi
5. Courses offered by NCTPS-I, Vallur Camp, Chennai
6. Courses offered by PDTEC
7. Courses offered by PETARC
8. Courses offered by PGTI, CSPGCL, Korba East
9. Courses offered by STEAG Energy SPPLC
10. Courses offered by L&T PTI, Vadodara
11. Courses offered by PAL, Manesar
12. Courses offered by RECIPMT, Hyderabad
13. Courses offered by CPDTI, Chennai
14. Courses offered by OMSPTRI, Bhubaneshwar
15. Courses offered by PSSC
16. Courses offered by TGGENCO, Palcocha
17. Courses offered by CTI, Jabalpur
18. Courses offered by DVC, Chandrapura
19. Courses offered by NTC, Eklahare

HRD CEA < hrdcea@nic.in >

RE: Preparation of List of Recognised Institutions and Details of Training Programmes Offered -reg.

JOBY GEORGE < Joby.George@adani.com >

Thu, 12 Nov 2026 3:02:59 PM +0530

To "hrdcea@nic.in"<hrdcea@nic.in>

Cc "Mahi Singh"<mpsingh.cea@nic.in>,"Om Prakash Meena" <opmeena.cea@gov.in>,"Suman Bala"<suman.cea@nic.in>,"PRAVIN PHOKMARE"<Pravin.Phokmare@adani.com>

Dear Sir/Madam,

At Adani Electricity Management Institute (AEMI) , Mumbai -

1. **GET Induction Training for Distribution Engineers** as per CEA Guidelines & Syllabus with one month Instructor Led training followed by OJT ..
   (Currently above training is given to Adani employees only as per organisational policy)

Regards
Joby George

From: HRD CEA <hrdcea@nic.in>
Sent: Thursday, 12 November, 2026 14:43
Cc: Mahi Singh <mpsingh.cea@nic.in>; Om Prakash Meena <opmeena.cea@gov.in>; Suman Bala <suman.cea@nic.in>
Subject: Preparation of List of Recognised Institutions and Details of Training Programmes Offered -reg.

CAUTION: This mail has originated from outside Adani. Please exercise caution with links and attachments.

Sir/Madam,

It is requested to kindly furnish the details of the courses being offered by your institute, for hosting on the CEA website. Further, information regarding the category/type of personnel trained by your institute may also kindly be provided.

The information may please be furnished at the earliest.

If you have already submitted the above information, kindly ignore this email.

Thanks & Regards,
Human Resource Development Division | मानव संसाधन विकास प्रभाग
Central Electricity Authority | केन्द्रीय विद्युत प्राधिकरण

Ministry of Power | विद्युत मंत्रालय
Government of India | भारत सरकार
Email: hrdcea@nic.in
Ph: 011 26732020

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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

New Delhi
ISO 9001:2015

Central Board of Irrigation & Power

9 Decades of Service to the Nation

Malcha Marg, Chanakyapuri, New Delhi 110 021

DEDICATED SERVICE 99 Years TO THE NATION



TUNNELLING ASIA 2025 & WORLD TUNNEL DAY CELEBRATION

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

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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

2026-27

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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,

Deepak Saigal

Dr. Deepak Saigal
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.
- Recognisation 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; GoI, 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 & Rockfll 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) and contact the program coordinator before planning participation.*

A-2 (ii) TUNNEL AND UNDERGROUND			
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
A-2 (iii) GEOSYNTHETICS			
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
A-2 (iv) MISCELLANEOUS TOPICS			
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	Claimate 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	NAME OF TRAINING/CONFERENCE	Dates / Venue
B-1 INTERNATIONAL / NATIONAL CONFERENCE			
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) and contact the program coordinator before planning participation.*



B-2 Training Programme / Workshop			
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 - Digsi 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-3 TRAINING PROGRAMS (Door Step/Short Term Programs)			
Sl. No.	Program Code	B-3 (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 & 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, Adityya 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, Yashobhoomi (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 Sambhajinagar, 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 WBPDCL	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 WBPDCL	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 WBPDCL	15-16 May, 2025, Kolaghat Thermal Power Station (KTPS)
7	Coal Characteristics, Blending, Mill Performance Combustion and Optimization' for the Executives of WBPDCL 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 WBPDCL	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 WBPDCL 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 WBPDCL 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 WBPDCL 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 WBPDCL 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 WBPDCL at Sagardighi Thermal Power Station (SGTPS)	2-3 February, 2026, WBPDCL, 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 WBPDCL at Santaldih Thermal Power Station (STPS)	12-13 February, 2026, STPS, WBPDCL
46	02 days Training Program on Coal Oil Water Sample Analysis for the executives of WBPDCL at Kolaghat Thermal Power Station (KTPS)	18-19 February, 2026, KTPS, WBPDCL
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 WBPDCL at Bakreshwar Thermal Power Plant (BKTPP)	24-25 February, 2026, BKTPP, WBPDCL

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 APSERC 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.

Workshops on Finance and HR Conducted during 2025–26		
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

Sl. No.	Technical Audit Of Hydro/Thermal/Solar/Wind Power Stations	Dates
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.

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

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 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

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List of the Training Program Organised by CBIP –CoE during the FY 2026-27		
Sr. No	**Date**	**Details of the Program**
1	21-22 July, 2026	02 Days Training program on Water Optimization and Zero Discharge in Thermal Power Plant' for the Executives of WBPDCL at Santaldih Thermal Power Station (STPS)
2	29-30 July, 2026	02 Days Training program on Water Optimization and Zero Discharge in Thermal Power Plant' for the Executives of WBPDCL at Bakreshwar Thermal Power Plant (BKTPP)
3	11-12 August, 2026	02 Days Training program on Water Optimization and Zero Discharge in Thermal Power Plant' for the Executives of WBPDCL at Santaldih Thermal Power Station (STPS)
4	6th -7th October,2026	02 Days Training program on Coal Characteristics Blending Mill Performance Combustion and Optimization for the executives of WBPDCL
5	15th -16th September,2026	02 Days Training program on Water Optimization and Xero Discharge in Thermal Power Plant for the executives of WBPDCL
6.	6th -7th October,2026	02 Days Training program on Coal Characteristics Blending Mill Performance Combustion and Optimization for the executives of WBPDCL
7	6th -7th October,2026	02 Days Training program on Coal Characteristics Blending Mill Performance Combustion and Optimization for the executives of WBPDCL
8	29th-30th October,2026	02 Days Training program on Coal Characteristics Blending Mill Performance Combustion and Optimization for the executives of WBPDCL
9	07th Sep,-25th Sep,2026	03 Weeks Induction-cum Orientation Program for Newly Recruited Junior Engineers/ Supervisors /ARO of NHPC Ltd. (Batch-1)
10	28th Sep,-16th Oct,2026	03 Weeks Induction-cum Orientation Program for Newly Recruited Junior Engineers/ Supervisors /ARO of NHPC Ltd. (Batch-2)
11	26th Oct,-13th Nov,2026	03 Weeks Induction-cum Orientation Program for Newly Recruited Junior Engineers/ Supervisors /ARO of NHPC Ltd. (Batch-3)
12	16th Nov,- 04th December,2026	03 Weeks Induction-cum Orientation Program for Newly Recruited Junior Engineers/ Supervisors /ARO of NHPC Ltd. (Batch-4)

Training Programs Jointly with Hitachi Energy, Siemens during the period from April, 2024 to till date

S.No.	Name of Training	Date & Venue
1.	Hands-on Training 'EHV GIS Substation Engineering & Insulation Coordination'	8-10 April 2024 Hitachi Energy TEC, Vadodara
2.	Hands-on Training 'Transformer Protection'	22- 24 April 2024 Siemens Power Academy, Goa
3.	Hands-on Training 'Principles of Protection Technology'	15– 17 April 2024 Siemens Power Academy, Goa
4.	Hands-on Training on 'Power System Network Study and Analysis'	3-5 April 2024 CBIP, New Delhi
5.	Hands on training on "Line and Differential Protection"	13 -15 May 2024 Siemens Power Academy, Goa
6.	Hands-on Training 'Busbar Protection'	10th – 12th June 2024 Siemens Power Academy, Goa
7.	Hands-on training on "Power Transformer"	17-19 June 2024, Hitachi, Vadodara
8.	Hands-on Training 'EHV Gas Insulated Switchgear'	10 – 12 July 2024 Vadodara
9.	Hands-on Training 'Substation Automation - SICAM RTU'	15 – 17 July 2024 Siemens Power Academy, Goa
10.	Hands-on Training on Transformer Protection	2-4 September 2024, Goa
11.	Hands on training on 'Dry type transformers'	16-18 October 2024, Hitachi EnergyTEC, Vadodara
12.	Hands-on Training on "IEC61850 and GOOSE Configuration DIGSI4, DIGSI5"	11-13 November 2024 Siemens Power Academy, Goa
13.	Hands-on Training 'HVDC and STATCOM'	20 - 22 November 2024, Hitachi Energy TEC, Vadodara
14.	Hands-on training on "Diagnostic and Condition Monitoring of Switchyard Equipment"	11-13 December 2024, Vadodara
15.	Hands-on Training 'Substation Automation System'	27th – 29th January 2025 Siemens Power Academy, Goa
16.	Hands-on Training 'Transformer Protection'	12th-14th February 2025, Siemens Power Academy, Goa
17.	Hands-on Training 'Power System Protection'	19th – 21st February 2025, Hitachi EnergyTEC, Hitachi Energy India, Vadodara
18.	Training on 'Busbar Protection'	21-23 April 2025, Goa
19.	training on "EHV Substation Engineering & Insulation Coordination"	23-25 April 2025, Vadodara

20.	Training on “Power Transformer”	21-23 May 2025, Hitachi Energy TEC , Vadodara
21.	Training on ‘Line Differential and Distance Protection’	26-28 May 2025 Siemens Power Academy, Goa
22.	Training on “EHV Gas Insulated Switchgear”	18–20 June 2025, Hitachi Lab Vadodara
23.	Classroom training program on ‘Cybersecurity’	25 - 27 June 2025 Siemens Goa
24.	Training on “IEC 61850 and GOOSE Configuration”	21-23 July 2025 Siemens Power Academy, Goa
25.	Training on “Dry Type Transformer”	4 – 6 August 2025 Hitachi EnergyTEC, Vadodara
26.	Training on EHV Circuit Breaker – Design, Application, Site Installation, O & M, recent Developments	24-26 September 2025 Hitachi Energy TEC, Vadodara
27.	Training on “Substation Automation System”	24–26 September 2025 Siemens Power Academy, Goa
28.	Training on “Instrument Transformers, Disconnectors & Surge Arresters”	06-08 October 2025, Vadodara
29.	Hands on Training on ‘Generator Protection’	08–10 October 2025, Goa
30.	Training on ‘Protection Relays SIP-5’	24 – 26 November 2025, Siemens Power Academy, Goa
31.	Training on “Diagnostic and Condition Monitoring of Switchyard Equipment”	17 -19 November 2025, Vadodara
32.	3-Days Tutorial and Conference on “Design & Construction of Transmission Lines”	05 - 07 Nov. 2025, Vadodara
33.	Training on ‘Power System Protection’	8–10 December 2025; Hitachi Energy, Vadodara
34.	Training on ‘Substation Automation System’	20–22 January 2026 Siemens Power Academy, Goa
35.	Training on ‘EHV Substation Equipment’ (Instrument Transformers and Circuit Breakers)	19–21 January 2026; Hitachi Energy TEC, Vadodara
36.	Training on ‘EHV Substation Equipment’ (Instrument Transformers and Circuit Breakers)	19–21 January 2026; Hitachi Energy TEC, Vadodara
37.	Training on ‘Substation Automation System’	20–22 January 2026 Siemens Power Academy, Goa
38.	Hands on Training on “Transformers, Reactors, & EHV Bushings”	10–13 February 2026 Siemens Energy Transformer Factory, Mumbai
39.	Training on “EHV Substation Engineering & Insulation Coordination”	16–18 March 2026, Hitachi EnergyTEC, Vadodara
40.	Hands on Training on “HV Gas-Insulated Switchgear”	17-19 March 2026, Siemens Energy Factory, Chhatrapati

		Sambhajinagar
41.	Training on 'Substation Automation System - Basic Fundamentals'	23-25 March 2026, Siemens Power Academy, Goa
42.	Hands-on Training on "HV Gas-Insulated Switchgear"	20-22 April 2026 Siemens Energy Factory, Chhatrapati Sambhajinagar, Maharashtra
43.	MV GIS Engineering, Protection Interface & Maintenance Practices	14-16 May 2026 Siemens Power Academy, Goa
44.	Hands on Training on "Transformer Protection System Fundamentals and Application"	23-25 June 2026 at Siemens Power Academy, Goa
45.	Training on "Substation Automation System and RTU A8000"	15 - 17 July 2026 Siemens, Goa
46.	Training on "Dry-Type Transformer"	3-5 August 2026, Hitachi, Vadodara
47.	Training program on 'EHV Gas Insulated Switchgear'	7-9 September 2026; Hitachi Energy, Vadodara
48.	Training program on 'EHV Gas Insulated Switchgear'	28–30 September 2026; SEIL, Navi Mumbai
49.	Hands on Training on "Transformers, Reactors & EHV Bushings"	14-16 October 2026 SEIL Training Experience Centre, Navi Mumbai
50.	training program on Power System Protection	2nd November to 4th November 2026 Hitachi Energy, Vadodara
51.	Hands on Training on "Transformers, Reactors & EHV Bushings"	25-27 November 2026 SEIL Training Experience Centre, Navi Mumbai

List of the Trg. Program Conducted by CBIP- CoE during FY 2025-26		
Sr. No	**Date**	**Details of the Trg. Program**
1.	16-17 April, 25	02 days Training Program on Coal Characteristics, Blending, Mill Performance Combustion and Optimization' for the Executives of WBPDCL at Sagardighi Thermal Power Station (SGTPS)
2.	24-25 April,25	02 days Trg. Program on Coal Characteristics, Blending, Mill Performance Combustion and Optimization' for the Executives of WBPDCL at Santaldih Thermal Power Station (STPS)
3.	28-30 April,25	Residential Training on "Leadership, Team Building & Belongingness"
4.	28 April-02nd May, 25	Promotional Training Program of Asstt, Managers (T)/Dy. Manager (T) to fill up the post of Manager (T) in DTL Batch-01
5.	05-09 May, 2025	Promotional Training Program of Asstt, Managers (T)/Dy. Manager (T) to fill up the post of Manager (T) in DTL Batch-02
6.	15-16 May, 2025	02 days Training Program on 'Coal Characteristics, Blending, Mill Performance Combustion and Optimization' for the Executives of WBPDCL at Kolaghat Thermal Power Station (KTPS)
7.	10-11 June, 2025	02 days Training Program on Coal Characteristics, Blending, Mill Performance Combustion and Optimization' for the Executives of WBPDCL at Bandel Thermal Power Station (BTPS)
8.	16-20 June, 2025	05 days Training on Renewable Energy for a Sustainable Future including Next Generation Grid Integration, Energy Storage, and Cyber Security Challenges at CBIP Gurgaon
9.	23-24 June, 2025	02 days Training program on "CERC/SERC including IEGC Regulation, Tariff Fixation and Related Issues for the executives of CVPPL at Jammu
10.	24-25 June, 2025	02 days Training Program on Coal Characteristics, Blending, Mill Performance Combustion and Optimization' for the Executives of WBPDCL at Bakreshwar Thermal Power Station (BKTPS)
11.	Jan – July, 25	Online certification Program CEA approved on Transmission & Distribution System
12.	28 July – 22 August, 2025	4 Weeks Induction Training Program on Hydro Power Development for the Trainee Engineers/ Trainee Officers of NHPC Ltd. (01st Batch)
13.	18-29 August, 2025	12 Days Specialized Training Program for the Executives from BSPTCL (01st Batch) - 35 Participants
14.	25 Aug-19 Sept., 2025	04 Weeks Induction Training Program for the Trainee Engineers/Trainee Officers of NHPC Ltd. (02nd Batch) -30 participants
15.	08-20 September, 2025	12 Days Specialized Training Program for the Executives from BSPTCL (02nd Batch) - 35 Participants
16.	08-27 Sept., 2025	03weeks Induction Training Program for the newly recruited Assistant Engineer (GTO) from BSPHCL (batch 1)
17.	15-18 Sept., 2025	04 days residential Training program on Risk Assessment & Capacity Building for TBCB Projects for the executives of MSETCL at Hyderabad
18.	06-10 October, 25	Promotional training program for the Manager – Technical to fill up the post of DGM- Technical (19 Nos.)
19.	13 October – 07 November, 2025	04 Weeks Induction Training Program for the Trainee Engineers/Trainee Officers of NHPC Ltd. (3rd Batch) – participants (55)

20.	30-31 October, 2025	02 Days Training Program on 'Dam Safety' for the Executives of WBPDCL at Bakreshwar Thermal Power Plant (BKTPP)
21.	10 Nov-05 December, 2025	04 Weeks Induction Training Program for the Trainee Engineers/Trainee Officers of NHPC Ltd. (04th Batch) – participants (55)
22.	10-13 Nov. 2025	04 Days Residential Training Program on "Overview of Tariff-Based Competitive Bidding (TBCB) Project, Associated Risk Assessment & Capacity Building MSETCL -02nd batch
23.	11-12 Nov., 2025	02 Days Trg. Program on Strategies for Cost Effective Maintenance Management System in a Power Plant for the executives of WBPDCL at Sagardighi Thermal Power Station(SGTPS)
24.	17-21 Nov., 2025	05 Days Residential Training Program on "Design and Construction Practices for Substations" B-1 for MSETCL
25.	20-21 Nov., 2025	02 Days Trg. Program on Strategies for Cost Effective Maintenance Management System in a Power Plant for the executives of WBPDCL at Santaldih Thermal Power Station(STPS)
26.	20-21 Nov., 2025	02 Days Training Program on "Static Electricity – Mitigation and Prevention" for the executives of GAIL India at GTI Noida
27.	24-28 Nov., 2025	05 Days Residential Training Program on "Gas Insulated Switchgear (GIS) – Layout, Construction, Maintenance & Troubleshooting B-1 MSETCL
28.	25-26 Nov., 2025	02 Days Trg. Program on Strategies for Cost Effective Maintenance Management System in a Power Plant for the executives of WBPDCL at Kolaghat Thermal Power Station(KTPS)
29.	08th Dec., -2025 -02nd January , 2026	04 Weeks Induction Training Program for the Trainee Engineers/Trainee Officers of NHPC Ltd. (05th Batch) -
30.	11-12 December, 2025	02 Days Training Program on IEC 61400 for the executives of ReNew Power
31.	05-30 Jan., 2026	04 Weeks Induction Training Program for the Trainee Engineers/Trainee Officers of NHPC Ltd. –(06th Batch)
32.	12-16 Jan., 2026	05 Days Residential Training Program on Design and Construction practices for Transmission line including foundation for the executives of MSETCL
33.	19 Jan.-07 Feb., 2026	03 Weeks Induction cum orientation Training Program for the new joined Jr Electrical Engineer (GTO) from BSPHCL – (01st Batch)
34.	20-22 Jan., 2026	03 days Trg. Program on TBCB for the executives of GETCO
35.	22-23 Jan., 2026	02 Days Training Program on Static Electricity- Causes and Mitigation for the engineers of GAIL at GTI Jaipur
36.	27-31 Jan., 2026	05 Days Residential Training Program on Smart Grid concept in Transmission – Issues and Challenges for the executives of MSETCL
37.	27-31 Jan., 2026	05 Days Residential Training Program on Design and Construction practices for substation for the executives of MSETCL (2nd Batch)
38.	02-06 February, 2026	05 Days Residential Trg. Program on Grid discipline and Effective Energy Management for the executives of MSETCL (Batch 1)
39.	02-27 Feb., 2026	04 Weeks Induction Training Program for the Trainee Engineers/Trainee Officers of NHPC Ltd. -(07th Batch)

40.	02-03 Feb., 2026	02 Days Training Program on Coal Oil Water Sample Analysis for the executives of WBPDCL at Sagardighi Thermal Power Station (SGTPS)
41.	05-06 Feb,2026	02 Days Training Program on “Strategies for Cost Effective Maintenance Management System in a Power Plant’ for the Executives of WBPDCL at Bakreshwar Thermal Power Plant (BKTPP)
42.	09-13 Feb., 2026	05 Days Residential Trg Program on Gas Insulated Switchgear (GIS) - Layout, Construction, Maintenance and Troubleshooting for the executives of MSETCL (Batch 2)
43.	09-13 Feb., 2026	5 Days Residential Training Program on Operation & Maintenance of EHV Substation including Auxiliary system for the executives of MSETCL
44.	09-28 Feb., 2026	03 Weeks Induction cum orientation Training Program for the new joined Jr Electrical Engineer (GTO) from BSPHCL –(02nd Batch)
45.	12-13 Feb, 2026	02 Days Training Program on Coal Oil Water Sample Analysis for the executives of WBPDCL at Santaldih Thermal Power Station (STPS)
46.	23-27 Feb., 2026	05 Days Residential Trg. Program on Grid discipline and Effective Energy Management for the executives of MSETCL (Batch 2)
47.	23-27 Feb., 2026	05 Days Residential Trg. Program on Electrical and Fire safety, Disaster Management and Quick Response Team including ERS for the executives of MSETCL
48.	24-25 Feb., 2026	02 Days Training Program on Coal Oil Water Sample Analysis for the executives of WBPDCL at Bakreshwar Thermal Power Plant (BKTPP)
49.	02-27 March, 2026	04 Weeks Induction Training Program for the Trainee Engineers/Trainee Officers of NHPC Ltd. -(08th Batch)
50.	16th & 17th March, 2026	02 Days Training Program on ‘Strategies for Cost Effective Maintenance Management System in a Power Plant’ for the Executives of WBPDCL at Bandel Thermal Power Plant (BTPS)
51.	24-25th March,2026	02 Days Training Program On “Coal Oil Water Sample Analysis” Scheduled at Kolaghat Thermal Power Station for the executives of WBPDCL
52.	27 March, 2026	One Day Training Program on Cyber Security for OT for the executives of ReNew Pvt. Ltd.

List of the Training Program Organised by CBIP –CoE during the FY 2024-25		
Sr. No	**Date**	**Details of the Program**
1	15-20 April, 2024	06 Days Skill Development Program for the Contract workers of NTPC Northkaranpura
2	18-19 April, 2024	'Water Optimization and Zero Discharge in Thermal Power Plant' for the Executives of WBPDCL at Santaldih Thermal Power Station (STPS)
3	19th April, 2024	Online Training Program on Emergency Restoration System for the executives of Powerlinks
4	22-23 April, 2024	Training Program on 'Water Optimization and Zero Discharge in Thermal Power Plant' for the Executives of WBPDCL at Kolaghat Thermal Power Station (KTPS)
5	25-26 April, 2024	02 Days Workshop on Partial Discharge Monitoring for Power Transformer, GIS, Cable and Rotating Machines at Vadodara
6.	30th April, 2024	Training Program on 'Commercial Sensitization' for the employees of DVC
7	07th May, 2024	Online Training Program on New Technologies in Power Transmission (O&M) for the executives of Powerlinks
8	09th May, 2024	Online Training Program on QCA, Tariff Policy and CERC Guidelines on Tariff for the executives of TPTCL
9	20-21 May, 2024	Two Days In house Training Program on Root Cause Analysis & Monitoring of Electrical Equipment Failure SGTPS (Murshidabad West Bengal)- WBPDCL
10	05-06 June,24	Two Days In house Training program for the Executives of WBPDCL .on Water Optimization & Zero Discharge in Thermal Power Plant (Bandel Thermal Power Station)
11	10-11 June, 2024	Two Days In house Training program for the Executives of WBPDCL .on Water Optimization & Zero Discharge in Thermal Power Plant (Bakreswar Thermal Power Station) - WBPDCL
12	11-21 June, 2024	10 Days Specialised Training Program on Substation Design, its Equipment, Protection, Application Standards, GIS etc. for the executives of Nepal electricity Authority
13	13-14 June, 2024	Two Days In house Training Program on Root Cause Analysis & Monitoring of Electrical Equipment Failure STPS)- WBPDCL
14	20-21 June, 2024	Two Days In house Training Program for the Executives of WBPDCL on Root Cause Analysis & Condition Monitoring of Electrical Equipment Failure (Kolaghat Thermal Power Station) - WBPDCL
15	20-21 June, 2024	02 Days Training Program on GST for the executives of APGCL at CBIP Gurgaon
16	27th June, 2024	Online Training Program on Solar PV system requirements as per CEA safety regulations 2023 & Safety in system integration
17	15-16 July, 2024	02 days Training program Root Cause Analysis and Condition Monitoring of Electrical Equipment Failure' scheduled at Bakreshwar Station of WBPDCL
18	24-26 July, 2024	Training Program on Smart Metering
19	05-06 August, 2024	02 days Training Program on 'Coal Characteristics, Blending, Mill Performance, Combustion & Optimization'

		for the Executives of WBPDCL at Sagardighi Thermal Power Station (SGTPS)
20	05th August-	02nd batch of Online Certification Program on Cyber Security (100 Hrs.)
21	07-09 August, 2024	03 Days Training Program on Transmission Tower Design for the executives of ReNew Power
22	21-22 August, 2024	Two Days In house Training Program for the Executives of WBPDCL on Root Cause Analysis & Condition Monitoring of Electrical Equipment Failure (BTPS - WBPDCL
23	05-06 Sept., 2024	02 days Training Program on Coal Characteristics, Blending ,Mill Performance, Combustion & Optimization for the executives of WBPDCL at KTPS
24	09-10 Sept., 2024	02 days Training Program on Coal Characteristics, Blending ,Mill Performance, Combustion & Optimization for the executives of WBPDCL at BKTPS
25	19-20 Sept., 2024	02 days Training Program on Coal Characteristics, Blending ,Mill Performance, Combustion & Optimization for the executives of WBPDCL at STPS
26	23 Sept.-01st Nov., 24	06 Weeks Induction Training Program for the newly joined Jr Engineers of NHPC ()01st Batch)
27	24 – 25 October, 2024	02 Days Training Program on safety Measures for the executives of TPDDL at Rohini
28	24-25 October, 2024	02 days Training Program on Water Optimization & Zero Discharge in Thermal Power Plants for the executives of WBPDCL at SGTPS
29	29-30 October, 2024	02 days Training Program on Coal Characteristics, Blending ,Mill Performance, Combustion & Optimization for the executives of WBPDCL at BTPS
30	08-19 November, 24	Overseas Training Program for the Senior officers from NER through POWERGRID- 01st Batch
31	12th November, 2025	Training Programme on 'Understanding Balance Sheet and Financial Ratios' for the employees of DVC
32	11 Nov.-20 Dec., 2024	06 Weeks Induction Training Program for the newly joined Jr Engineers of NHPC 02nd Batch)
33	22 November – 03rd December, 2024	Overseas Training Program for the Senior officers from NER through POWERGRID- 02nd Batch
34	18-30 November, 2024	02 Weeks Simulator Training for the executives of UPRVUNL (Batch 01)
35	02-14 December, 2024	02 Weeks Simulator Training for the executives of UPRVUNL (Batch 02)
36	16-28 December, 2024	02 Weeks Simulator Training for the executives of UPRVUNL (Batch 03)
37	17th December, 24	One Day Program on Cyber Security for the executives of ReNew Power
38	18-20 December, 2024	03 days Training Program on Electrical Standards IEC61400 for the executives of ReNew Power
39	30th Dec., 24 to 07th Feb, 2025	06 Weeks Induction Training Program for the newly joined Jr Engineers of NHPC (03rd Batch)
40	17th -28th January, 2025	Overseas Training Program for the Senior officers from NER through POWERGRID- 03rd Batch
41	31st January-11th February, 2025	Overseas Training Program for the Senior officers from NER through POWERGRID- 04th Batch
42	09-10 January, 2025	02 days Training Program on Ashy Dyke Management for the executives of WBPDCL at Sagardighi Thermal Power Station

43	15-16 January, 2025	02days Training Program on Ashy Dyke Management for the executives of WBPDCL at Santaldi Thermal Power Station
44	28-29 January, 2025	02days Training Program on Ashy Dyke Management for the executives of WBPDCL at Kolaghat Thermal Power Station
45	13-14 February, 2025	02 days training program on Legal Aspects & Compliances during Execution of a Contract for the executives of DVC
46	14th Feb to 26th Feb, 2025	Overseas Training Program for the Senior officers from NER through POWERGRID- 05th Batch
47	03rd March, 2025	One Day Program on Smart Metering for the executives of TPDDL at Rohini
48	03-04 March, 2025	02 days Training Program on Training Program on Ash Dyke Management for the executives of WBPDCL at Bakreshwar Thermal Power Station
49	17-18 March, 2025	02 days Training Program on Dam Safety for the executives of WBPDCL at Bakreshwar Thermal Power Station
50	27th March, 2025	Training Programme on ‘Efficiency Tests, Analyses and Optimization’ for the employees of DVC, Kolkata

List of Conferences – from April, 2024 to Till Date

S.No.	Name of Conference/Tutorials	Date & Venue
1.	One day International Conference on 'Transmission/ Distribution Planning for Mega Cities/ Big Cities'	26 April 2024, Hotel Le Meridien New Delhi
2.	National Conference on "Protection System and the Challenges in a RE Rich Grid"	16-17 May 2023 CBIP Conference Hall, New Delhi
3.	National Seminar on 'Electrical and Fire Accidents in Power Industry - Causes and Prevention'	4-5 July 2024 CBIP, New Delhi
4.	National Conference on 'Best Practices for Underground EHV Power Cables'	18-19 July 2024 New Delhi
5.	Conclave on 'Harnessing Hydro Power Potential' Under LAHAR	19 July, 2024 THDCIL, Rishikesh
6.	Conference on "Power Sector Development – Modern Trends & Innovations at International Level"	25-26 July, 2024 POWERGRID, Gurugram
7.	CIGRE Session	25-30 August 2024 Paris
8.	National Conference on 'Data Analytics, Condition Monitoring and Failure Analysis for Substation Equipments'	7 – 8 October 2024 CBIP Conference Hall, New Delhi
9.	Brainstorming Event by CEA on Indian Power Sector Scenario by 2047	October 14th-15th, 2024, J W Marriott Hotel, New Delhi
10.	National Tutorial on 'Instrument Transformers: Standards and Practice'	2-3 December 2024 CBIP Conference Hall, New Delhi
11.	National Conference on Cyber security in Power sector – collaboration is the key to success - under the aegis of CIGRE NSC D2	6-7-8 January 2025, CBIP New Delhi
12.	National Tutorial on Resource adequacy for better Power Portfolio Management	16-17 January 2025, CBIP New Delhi
13.	Seminar on Climate Change Resilient Insulators and associated Hardware for Long-Term Grid Reliability	27 January 2025, CBIP New Delhi
14.	National Conference on 'Sustainable Energy Transition and Achieving Carbon Neutrality in the Power Sector'	30-31 January 2025, CBIP New Delhi
15.	CIGRE Special Meeting with CIGRE President Dr. Konstantin Papailiou during GRIDCON 2025	10th March 2025 Yashobhoomi, New Delhi
16.	CBIP Day Celebrations and Award Presentation Ceremony	21st March 2025 Scope complex, Lodi Road, New Delhi
17.	International Immersion Program on "Leadership Development and Innovation"	06-14 April, 2025 SDA Bocconi, Italy and Zurich, Switzerland
18.	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

19.	One Day Workshop on 'Unlocking the Power of Hydrokinetic Energy'	6th June 2025, CBIP, New Delhi
20.	Workshop on 'Addressing Multiple Cyber Defense Control Framework Conundrum: An Approach'	13th June 2025, CBIP, New Delhi
21.	Conference on "Power System Operational Reliability through Flexibility"	19–20 June 2025, CBIP, New Delhi
22.	Conference on "Protection and Control in Hybrid Generation Networks and Experience in Implementation of Digital Substation"	24-25 July 2025 CBIP, New Delhi
23.	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
24.	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
25.	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
26.	3-Days Tutorial and Conference on "Design & Construction of Transmission Lines"	05 - 07 Nov. 2025, Vadodara
27.	National Conference on 'Innovative Substation Concepts, Designs and Operation'	27-28 November 2025, CBIP, New Delhi
28.	National Conference on Role of Young Generation & Women in Strong and Vibrant Indian National Power Grid	11-12 December 2025 Yashobhoomi (IICC) Sector 25, Dwarka, New Delhi
29.	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
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.	National Conference on "Best Practices of O&M of Substation Equipments, including Power Transformers and Reactors"	23–24 April 2026 at CBIP, New Delhi.
32.	International Immersion Program on Leadership, Innovation & Global Best Practices at South East Asia	16-24 May, 2026 (Malaysia, Singapore & Thailand)
33.	National Conference on "Application of Artificial Intelligence in the Power Sector"	23–24 July 2026, CBIP New Delhi
34.	Conference on Power Sector Development – Modern Trends & Innovations at International Level – PRE CIGRE SESSION 2026	29-30 July 2026 CoE, Gurugram
35.	CIGRE Session 2026	23-28 August 2026 Paris
36.	National Workshop on "Energy Accounting, Energy Management, Energy Conservation and Energy Audit"	17 – 18 September 2026 CBIP, New Delhi

37.	National Conference "Mitigating Challenges in the Indian Power Sector – Regulatory, Technical & Financial Perspectives: Role of Young Professionals" (Under the aegis of CIGRE NSC C5 on Electricity Markets & Regulation)	28-29 October 2026, CBIP Conference Hall, New Delhi
38.	National Conference on “High Penetration of Renewable Energy in the Indian Power Grid – Challenges & Mitigation” (Focus on Protection and Related Issues)	26–27 November 2026 CBIP Centre of Excellence (CoE), Gurugram
39.	National Conference on “Sustainable Energy Transition and Achieving Carbon Neutrality in the Indian Power Sector”	16–17 December 2026 CBIP Conference Hall, New Delhi

HITACHI

Training Calendar FY 2026-2027 Hitachi EnergyTEC



1 About Hitachi EnergyTEC

Designed to be India's leading technology and knowledge institute, Hitachi EnergyTEC imparts training and learning in futuristic and current power engineering, power automation and digital technologies. With decades of unparalleled domain knowledge and experience, Hitachi Energy's expert team of trainers offer hands-on training across the value chain of generation, transmission, distribution, transportation, services, and safety, under a single roof. This future-proof facility integrates best-in-class demonstrations and in-depth technical proficiency to upskill up engineers to make in India and neighboring countries, all while optimizing your operations.

Hitachi EnergyTEC is a CEA recognized training institute, for imparting training in operation and maintenance of the transmission and distribution segment of power sector.

PREPARED		STATUS	SECURITY LEVEL		
2026-04-08	Prabhakar Tripathy	Approved	Public		
APPROVED		DOCUMENT KIND			
2026-04-08	Bandaru Kondalarao	Course list			
TITLE					
Training Calendar FY 2026-2027 Hitachi EnergyTEC					
OWNING ORGANIZATION		DOCUMENT ID	REV.	LANG.	PAGE
		8DAN000074	A	en	1/4

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2 Objective

To create future ready engineers in the field of power systems enabling them to handle the classic and futuristic technology in rapidly developing power systems. These workshops and training will help the participants to perform effectively with higher productivity and bridge the gap between today's industry demand of highly adaptive workforce and competency development, thereby creating excellency in industrial work.

At Hitachi EnergyTEC, we focus on continuous competency enhancement of our customers. Therefore, we offer training in emerging and classic technology with practical experience through cut models of equipment, proof of concept for new technology and operational switchyard for testing purposes. This helps energy professionals to adapt new technology and innovations easily and proficiently.

3 Vision

Globally, as the energy sector stands at the crossroads of Energy Trilemma, striving to achieve balance between sustainability, security and affordability; it's important to focus on the fourth and social pillar i.e. people and their competence development.

Also, at the same time India is expected to be the third largest economy by 2030. This is possible only if we adapt to rapidly evolving technologies through sound knowledge management and skill upgradation.

The government's complementary initiatives of power for all, make in India and skill India have established a framework for sustainable growth. Already being the third largest generator of electricity, it is critical for India to tap into a variety of transmission, distribution, storage, and energy management solutions to fructify the Power for all initiative.

To align with above goals, Hitachi EnergyTEC will focus on competency development in classic and futuristic technology covering various aspects of development in EHV Switchgear and Transformer, Power system protection and studies, Condition monitoring, asset performance management and Digitalization to name a few.

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4 Scheduled courses for calendar year 2026-2027

Sr No	Course Description	Days	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27
1	EHV AIS Switchgear (CB, CT/CVT, DC, SA) and Power transformer	5	6-10	4-8	8-12	13-14		7-11		16-20	7-11		1-5	
2	EHV Gas Insulated Switchgear (GIS)	5	13-17		8-12		3-7		5-9			4-8	8-12	
3	EHV, Hybrid Switchgear System, Plug & switch System (PASS)	2				9-10		10-11			3-4		15-16	
4	Operation & Maintenance, Condition Monitoring of Switchyard Equipment	3	20-22		17-19			16-18		2-4			17-19	
5	Power Transformers	5		18-22		6-10			5-9		14-18	18-22		
6	Protection for Industrial network	3		13-15		20-22		24-25			2-4		22-24	
7	Voltage Stability Study	2			15-16		10-11							4-5
8	Power System studies and relay coordination	4		25-28			10-13			23-26				8-11
9	Substation Engineering	3	7-9				24-26				14-16			15-17
10	Power System Earthing	1					21		2					5
11	Insulation Co-ordination	2	23-24			23-24			28-29			28-29		
12	Microgrids, Renewables & BESS	2							8-9					
13	Asset Performance management	2			22-23									
14	Digitalization of Substation equipment	2						17-18		23-24				
15	Indian Grid Code requirements & their applications	2		19-20				24-25		19-20				
16	Protection Co-ordination & Arc flash hazard analysis	2		12-13										25-26
17	Wide Area Monitoring Systems and Phasor Measurement Units	2				20-21						21-22		22-23
18	Instrument Transformers	2		7-8	11-12			10-11		16-17	10-11		4-5	
19	Controlled Switching	2	27-28		25-26						17-18			
20	Power Quality and Reactive Power Compensation	2					3-4						11-12	

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Contact us:

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Hitachi Energy

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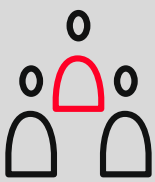
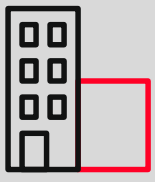


Delivering

~75200 man days of training to 71700 professionals



From

167 companies,

61 global customers



Hosting

9300 future engineers from leading institutes across the country

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Koradi Training Centre : Koradi

Training Calendar For The Year 2026-27

Induction Level Training Programme

GET : Graduate Engineer Trainees, Tech.: Technicians, CE: Civil Engineers, HR: HR cadre, CH: Chemist, S : Students | Classroom training | OJT

Sr.No.	Name of the Training Course	Gr. No.	C.Code	Target	Total Weeks	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27	Total No. of courses
1	*Induction Level Training for Engineers*	*I/II/IV*		*GET*	*52*				*20 Weeks (ILK-103)*					*20 Weeks (ILK-104)*				2
2	*Induction Level Training for Technicians*	*I/II/IV*	Tech	Tech	*8*						*8 Weeks (ILKT-87 & 88)*		*8 Weeks (ILKT-89 & 90)*		*8 Weeks (ILKT-91 & 92)*			6
3	*Induction Level Civil Engineer*	*IV*	*Civil*	*Civil*	*7*							*7 Weeks*						1
4	*Induction Level Chemist*	*I*	*Chemist*	*CH*	*6*							*6 Weeks*						1
5	*Induction Level HR*	*IV*	*HR*	*HR*	*1*										*1 Week*			1
6	*Induction Level (F&A)*	*IV*	*F&A*	*F&A*	*1*											*1 Week*		1
7	*Orientation batch of newly recruited Dy.E.E. & above*	*I*	*OTP*	*OTP*	*12*								*12 Weeks*					1
8	*Vacation Training for College Students*	*II*	*VT*	*S*	*4*			*4 weeks*						*4 weeks*				2

Special Courses

Target : AS : All Staff , OS : Office Staff, E: Engineer, T : Technician, C : Chemist, F : Faculties, TM: Top Management, MM:Middle Management, E & F : Employees & Family , HR : HR Staff , F&A: Finance & Accounts Staff , Se:Security staff, WS:Woman Staff ,O : Others

Sr.No.	Name of the Training Course	Gr. No.	C.Code	Target	Total Days	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27	Total No. of Courses
1	The Right to information Act and The Consumer Protection Act	I	RTI	AS	2			11-12						9-10				2
2	Gen cost, tariff, MERC Matters	I	GCTM	AS	1					9								1
3	Techno-Commercial Performance Analysis (TPA) of MSPGCL	I	TCP	E	1							9						1
4	Leadership & Team Building	I	LTB	AS	1						8						9	2
5	Stress Management	I	SM	E+ T	1							30					16	2
6	Coal mill perfo. Monitoring	I	CMPM	E	1		14											1
7	PLC & DCS	I	PLCDCS	E	2				21-22									1
8	Predictive and Proactive Maintenance	I	PAPM	T	1			9										1
9	Introduction to Centre Monitoring System	I	CMS	E	1								26					1
10	Heat Rate Analysis & Improvement	I	HR	E	1						30							1
11	Taxation, Income Tax & GST, Accounting Policies	I	TAX	F&A	2										21-22			1
12	MYT Regulations and Tariff Recovery Mechanism	I	MYT	TM	1									15				1
13	Awareness about 'BOE Proficiency Certificate Exam'		BOEAW	E	1											17		1
Sr.No.	**Name of the Training Course**	**Gr. No.**	**C.Code**	**Target**	**Total Days**	**Apr-26**	**May-26**	**Jun-26**	**Jul-26**	**Aug-26**	**Sep-26**	**Oct-26**	**Nov-26**	**Dec-26**	**Jan-27**	**Feb-27**	**Mar-27**	**Total No. of Courses**
14	DPR Preparation	II	DPR	E&C	2			17-18						17-18				2
15	Quality Circle Training	II	QCT	AS	3								18-20					1
16	Sewa Kalatil Niyojan	II	SKN	AS	2					5- 6						11-12		2
17	Industrial Safety & Disaster Management	II	IS	AS	2		5-6											1
18	Attitudinal Change	II	ATN	AS	2						23-24						11-12	2
19	Awareness programme for aspiring Energy managers & Auditors	II	EM	E	2				15-16									1
20	5S	II	5S	AS	1		20											1
21	Six sigma	II	6S	AS	3			23-25										1
22	Cyber Security	II	CS	AS	1							16						1
23	Operational optimization	II	OO	E&C	2				23-24									1
24	First Aid	II	FA	AS	2								19-20				18-19	2
25	RLA for steam turbine & Boiler	II	RLA	E	2							21-22						1
26	Health Management (For MSPGCL emplyoees & family)	II	HM	AS	1	16								11				2
27	ESP operations & maintenace of healthy fields	II	ESPO	E	1	24										17		2
28	Environmental issues, challenges and solutions for thermal power plants"	II	Env	E&C	1						16							1
29	Quality circle competition	II	QCC	AS	2										28-29			1
30	Preparatory course for certified Energy managers & Auditors"	II	EM&A	E	3					24 -26								1

Sr.No.	Name of the Training Course	Gr. No.	C.Code	Target	Total Days	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27	Total No. of Courses
31	BOILER TUBE LEAKAGES	IV	BTL	E	2								19-20					1
32	Condition monitoring of Equipment	IV	CME	E/T	2							15- 16						1
33	ENERGY AUDIT & Performance optimization	IV	EA	E	2						17- 18							1
34	POWER PLANT PROTECTION	IV	PPEP	E/T	2					20- 21								1
35	Turbine Commissioning and various case studies	IV	TC	E	2				9- 10									1
36	SUPERCRITICAL TECHNOLOGY FOR ALL STAFF	IV	SCAS	AS	1			19										1
37	RE Penetration In Grid	IV	REP	E	1		29							24				2
38	CHP Operation & Mainenance	IV	CHPOM	E	1			12										1
39	Study & Visit to waste water recovery plant.	IV	WWR	C/T	1							23						1
40	Prevention of Sexual Harassment (POSH)	IV	POSH	AS	1											9		1
41	Noting and Drafting	IV	ND	AS	1	28												1
42	Various fans & duct maintenance	IV	FDM	E	1						24							1
43	Service regulation & Disciplinary actions	IV	SR	AS	1		22											1
44	Internet of Things, Cloud Computing, data security & AI	IV	IOT	AS	1	30										18		2
45	Guidence On Boiler Attendent Exam	IV	GBAE	T	0.5												19	1
46	Power plant chemistry	IV	PCHEM	E/C	1									18				1
	Total No. of Courses																	**57**

Workshop

Sr.No.	Name of the Training Course	Gr. No.	C.Code	Target	Total Days	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27	Total No. of Courses
1	NDT Level-II Radiography Testing & Certification	I	NDT	E	3				29-31									1
2	Training For Trainers	I	TOT	F	5										18-22			1
3	Preparatory Course on BOE Proficiency Certificate Exam	I	BOEPREP	E	1		8											1
4	IMS Internal Auditor Certification Course	IV	IMSC	AS	1				15									1
	Total No. of Courses																	**4**

Computer Courses

Sr.No.	Computer & Simulator Courses	Gr. No.	C. Code	Target	Period in Days	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27	Total No. of Courses
1	SAP	I	SAP	AS		28-30			29-31				25-27		20-22			4
2	Excellence in MS-office	IV	EMSO	AS	2					12- 13							24- 25	2
	Total No. of Courses																	**6**

Simulator Courses

1	Simulator 500 MW/ Flexible OTS	I	S500	E		21-23		29-31		11-13		7-9		8-10		3-5		6
2	Simulator with flexibilization Training 660 MW	IV	S660	E	3		18 - 20		15 - 17		11-Sep		16- 18		13 -15		10- 12	6
	Total No. of Courses																	**12**

Note: 1) Training to the staff of Koradi TPS, Khaperkheda TPS, Chandrapur & Paras TPS etc shall be conducted at KTC, Koradi.

2) Training to the staff at other Power Station's shall be conducted at NTC, Nasik.

3) R.C. courses for Engineers/Technician will be conducted also at sub centre of respective power stations.

4) In addition to these courses, special courses, workshops & seminars as approved by corporate office will also be conducted at KTC & NTC.

5) Training program schedule is based on the infrastructure available at NTC & KTC.

6) The detail course plan & dates shall be conveyed by CGM (Security)

CHIEF ENGINEER (Trg.)

KTC: MSPGCL: KORADI

HRD CEA < hrdcea@nic.in >

Re: Preparation of List of Recognised Institutions and Details of Training Programmes Offered -reg.

Deputy Director Thermal Training Institute < ddtti@tnebnet.org >

Fri, 13 Nov 2026 3:20:06 PM +0530

To "hrdcea"<hrdcea@nic.in>

Dear Sir,
Greetings
We conduct various refresher courses on various topics for the working engineers and technicians in 1 day / 2 day categories. In addition we do train them for two days visit to the OEM (BHEL) at Trichy and Ranipet.
We cover various subjects which includes, maintenance practices, operational emergencies, ERP, Cyber security etc.
And we conduct Induction Training Program to Newly recruited AES for the following topics
1.Plant overview
2. Boiler and Auxiliaries - design parameters & construction details which include:
PRDS , SH & RH spray, drain system, safety valves, burners, Burner tilt mechanism, APH, PA, FD, ID fans, ESP, Pulveriser system, Ash Handling System, Coal handling system with site visits.
3.Turbine design parameters, construction and operation which include: Cooling water system, Steam system, Condensate system, Feed water system, Vacuum circuit etc.
4. Protections: Various protections of Turbine, Boiler and Generator
5. Instrumentation: Basics of control & instrumentation
6. Power evacuation system: Power evacuation including, Transformers, GIS, Switchyard etc.
7. Operations: Boiler filling up and lighting up procedure
Turbine cold/warm/hot start up/ run up procedures
Generator sychronization procedure
8. Safety and general: Case studies / super critical plant principle, coal transport,
Electrical, fire and general power plant safety and miscellaneous
9. Energy / Environment and Efficiency:
Energy management / auxiliary energy consumption reduction
Environmental norms, stipulations, management in a thermal power station
With Regards
S.Tamilselvan
DGM/TTI&RC
NCTPS-I,Vallur Camp
Chennai-120

From: "HRD CEA" <hrdcea@nic.in>
Cc: "Mahi Singh" <mpsingh.cea@nic.in>, "Om Prakash Meena" <opmeena.cea@gov.in>, "Suman Bala" <suman.cea@nic.in>
Sent: Thursday, November 12, 2026 2:42:49 PM
Subject: Preparation of List of Recognised Institutions and Details of Training Programmes Offered -reg.

CAUTION: Email Originated from outside our Organization (Tamil Nadu Electricity Board). Do not open links or attachments from **Unknown Senders**

Sir/Madam,

It is requested to kindly furnish the details of the courses being offered by your institute, for hosting on the CEA website. Further, information regarding the category/type of personnel trained by your institute may also kindly be provided.

The information may please be furnished at the earliest.

If you have already submitted the above information, kindly ignore this email.

Thanks & Regards,
Human Resource Development Division | मानव संसाधन विकास प्रभाग
Central Electricity Authority | केन्द्रीय विद्युत प्राधिकरण
Ministry of Power | विद्युत मंत्रालय
Government of India | भारत सरकार
Email: hrdcea@nic.in
Ph: 011 26732020

Details of the Courses being offered by PDTEC

Commercial	
S.NO.	**Topic**
1	Power Sector Structure in India
2	Power Sector Scenario
3	Meter Data Analytics in Central Discom MPCZ Bhopal
4	Smart Meter Presentation/ AMISP in RDSS Project
5	Distribution_System_Planning
HR	
6	Conflict Management
7	consumer behaviors
8	MP_CCA_Rules_1966_MPCZ
9	Communication Skill
10	Establishment Matters
IT	
11	Cyber Security
12	MPMKVVCL-Oracle ERP System for (Which Asset, Equipement and HR Salary)
13	E- Office
14	AIML (Artificial Intellegence Machine Learning)
15	Call Centre MPCZ
Procurement	
16	Procurement Mannual
17	Tender Creation and Publishing
QCMM/ Store	
18	Auction_Procedure_in_Store_of_Electricity_Distribution_Company
19	Transformer Oil Testing (grade-II) as per I.S.
20	Cable & Conductor testing
21	NTL Insulator and LA Transformer Testing
22	Testing_of_(ME)_CT_PT_ Combined Unit
Finance	
23	financial Accounting
24	Tariff Structure of Discom
25	Bank_Reconciliation
26	Capitalisation
27	Current Account, Savings account, Accounts of RAO
Civil	
28	Building bye laws final draft
29	Measurement_Book
30	Building Construction
Operation & Maintenance	
31	line construction , Sub-Station and earthing
32	Load Forecasting
33	Maintenance of overheadUnderground HT Lines & Feeder Wise Maintenance
34	Electrical Safety
35	Standard Construction Practice For Sub-Transmission Network

S.NO.	Topic
	Vigilance
36	Presentation for Vigilance Activities
37	Procedure For Filing Cases in the Special Court Under Section 135 & 138- For Electricity Theft
38	FILING THEFT CASES IN THE SPEIAL COURT for Company Matters
39	During Checking of Connections - DUES RECOVERY
40	During Checking of Connections- WRONG PANCHNAMA
	Project
41	Material Requirement and Supply Flow Sir
42	GIS MAPPING AND PM GATI SHAKTI PORTAL
43	AT&C Losses
44	Deen Dayal Upadhyay Gramin Jyoti Yojna (DDUGJY)
	Solar
45	Solar,Surya Ghar & KUSUM

KERALA STATE ELECTRICITY BOARD LIMITED

Reg.Office: Vydyuthi Bhavanam, Pattom,Thiruvananthapuram-695 004, Kerala
Website: www.kseb.in.CIN:U40100KL2011SGC027424

POWER ENGINEER'S TRAINING AND RESEARCH CENTRE (PET/
Moolamattom P.O., Idukki Dist., Pin - 685 589, Website: **petarc.kseb.in**

Phone: 04862 252378 / 9496009300/ 9496002437/9496002438, E-Mail : petarckseb@gmail.com

No. PET –104/CEA/2026-27/471 10/15 November 2026

To

The Chief Engineer (HRD),
Central Electricity Authority,
Human Resource Development Division,
Ministry of Power, Government of India,
New Delhi.

Sir/Madam,

Sub: Preparation of List of Recognised Institutions and Details of Training Programmes Offered – Furnishing of details of PETARC, Moolamattom – reg.

Ref: Email dated 04.11.2026 from Human Resource Development Division, CEA.

Your kind attention is invited to the subject cited above.

With reference to the email cited above, the Course details of the Power Engineers' Training and Research Centre (PETARC), Moolamattom, Kerala, are furnished herewith for hosting on the CEA website.

PETARC, the training and research wing of Kerala State Electricity Board Limited (KSEBL), was established at Moolamattom in 1989 with the objective of imparting quality training and enhancing the technical and managerial competencies of personnel in the power sector. The Centre functions as a dedicated training-cum-research institution, catering to the training requirements of KSEBL personnel as well as external participants from other organisations.

PETARC is recognised by the Central Electricity Authority (CEA) as a **Category-I Training Institute (Category-I, Grade-B), F.No: 6/41/2023-HRD/1571 of Secretary,** Central Electricity Authority**, Ministry of Power.** The recognised areas of training include **Hydro Generation, Transmission, Distribution and Power Management**.

The Centre conducts a wide range of training programmes, broadly classified under the following categories:

1. **Induction Level Training Programmes:** Induction and statutory training programmes prescribed under the CEA (Measures relating to Safety and Electric Supply) Regulations, 2023 for newly recruited Assistant Engineers, Sub Engineers and other technical personnel.delines.

2. **Orientation Level Training Programmes:** Orientation programmes for officers at various levels, including Assistant Executive Engineers, Executive Engineers and Deputy Chief Engineers, covering technical, administrative and managerial aspects.
3. **Specialised Training Programmes:** Domain-specific programmes in Hydro Generation, Transmission, Distribution, Power System Protection, Electrical Safety, Operation and Maintenance, emerging technologies and other specialised areas of the power sector.
4. **Management Development Programmes:** Programmes focusing on leadership, management, human resource development, financial and administrative matters, and related competencies.
5. **External Training Programmes:** Training and familiarisation programmes for engineering graduates, diploma holders, engineering faculty, students and personnel from other organisations in the power sector.

The categories of personnel trained by PETARC include:

- Assistant Engineers, Assistant Executive Engineers, Executive Engineers and Deputy Chief Engineers (Electrical/Civil).
- Sub Engineers and other technical and supervisory personnel.
- Ministerial and administrative staff of KSEBL.
- Engineering graduates and diploma engineers from outside KSEBL.
- Engineering students and faculty members of engineering institutions.
- Employees and officers of other power utilities and organisations in the power sector.

A detailed statement showing the training programmes offered by PETARC and the corresponding categories of personnel eligible to attend each programme is enclosed herewith for kind reference and further necessary action.

It is requested that the above details may kindly be considered for publication on the CEA website.

Yours faithfully,

Deputy Chief Engineer
PETARC, Moolamattom

Encl: Details of Training Programmes Offered by PETARC and Categories of Personnel Trained.

Copy Submitted To:- The Chief Engineer (HRM), Kerala State Electricity Board Limited, Vydyuthi Bhavanam, Pattom,Thiruvananthapuram – 695 004.

Kerala State Electricity Board Limited

Power Engineer's Training and Research Centre

Course Details

No	Name of training Program	Participants
	Induction Level Training	
1	Mandatory Induction-cum-Statutory Training Programme for Personnel Engaged in the Operation and Maintenance of Generating Stations in compliance with the Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations, 2023	Newly recruited Assistant Engineers(Electrical)-Engineer Category
2	Mandatory Induction-cum-Statutory Training Programme for Personnel Engaged in the Operation and Maintenance of Transmission System in compliance with the Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations, 2023	Newly recruited Assistant Engineers(Electrical)-Engineer Category
3	Mandatory Induction-cum-Statutory Training Programme for Personnel Engaged in the Operation and Maintenance of Distribution System in compliance with the Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations, 2023	Newly recruited Assistant Engineers(Electrical)-Engineer Category
4	Mandatory Induction-cum-Statutory Training Programme for Personnel Engaged in the Operation and Maintenance of Generating Stations in compliance with the Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations, 2023	Newly recruited Sub Engineers(Electrical)- Supervisor Category
5	Mandatory Induction-cum-Statutory Training Programme for Personnel Engaged in the Operation and Maintenance of Transmission System in compliance with the Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations, 2023	Newly recruited Sub Engineers(Electrical)- Supervisor Category
6	Mandatory Induction-cum-Statutory Training Programme for Personnel Engaged in the Operation and Maintenance of Distribution System in compliance with the Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations, 2023	Newly recruited Sub Engineers(Electrical)- Supervisor Category
7	Induction level Training Programme for Civil Engineers	Newly recruited & promoted Assistant Engineers & Sub Engineers (Civil)
8	Induction-cum-Statutory Training Programme for Divisional Accounts Officers	Newly recruited and promoted Divisional Accounts Officers
	Orientation Level Training	
1	Orientation Training Programme for Deputy Chief Engineers (Electrical) & (Civil)	Deputy Chief Engineers (Electrical) & (Civil)
2	Orientation Training Programme for Executive Engineers (Electrical) & (Civil)	Executive Engineers (Electrical) & (Civil)
	Orientation Training Program for Assistant Executive Engineers (Electrical)	Assistant Executive Engineers (Electrical)
3	Orientation Training Programme for Assistant Executive Engineers (Civil)	Assistant Executive Engineers (Civil)

Kerala State Electricity Board Limited

Power Engineer's Training and Research Centre

Course Details

No	Name of training Program	Participants
4	Orientation Training Programme for Senior Superintendent	Senior Superintendent
5	Orientation Training Programme for Assistant Engineers (Electrical)	Assistant Engineers (Electrical)
6	Orientation Training Programme for Assistant Engineers (Civil)	Assistant Engineers (Civill)
	Generation	
1	Capacity Building on Power system maintenance of Generating Station equipments and its associated auxiliaries	All Engineers (Electrical)
2	Generator Protection	All Engineers (Electrical)
3	Training on Basic dimensioning / Calculation/ location of E&M equipment with special emphasis on underground Power House	All Engineers (Electrical)
4	Capacity building on Generation planning	All Engineers (Electrical & Civil)
5	Condition monitoring of power system	All Engineers (Electrical)
6	Capacity Building on automation in generating stations	All Engineers (Electrical)
7	Capacity Building on Generation Asset management System	All Engineers (Electrical)
8	Capacity Building on design of Electrical equipment in Hydro Generation Projects applying modern trends, preparartion of technical specifications, estimates as per the latest IEC Standards and CEA Regulations	All Engineers (Electrical)
9	Capacity Buiding on Pumped Storage Power Stations. (DFIM) Doubly Fed Induction Motor for PSPs etc	All Engineers (Electrical) & (Civil)
10	Capacity building on Small power generation project-Effective Implementation	All Engineers (Electrical) & (Civil)
11	Capacity building on Non Conventional Energy	All Engineers (Electrical) & (Civil)
12	Capacity building on Major Projects	All Engineers (Civil)
13	Capacity Building on Solar on grid and off grid, Electric Vehicle Charging Station	All Engineers (Electrical)
14	Instrumentation and Telecommunication System in Generation	All Engineers (Electrical)
15	Capacity Building on Renewable Energy Integration	All Engineers (Electrical)
16	CEA Regulations 2023, Grid code, Connectivity Procedures (including Solar)	All Engineers (Electrical)
17	Capacity Building on Renewable Energy project calculations, design, construction, commissioning and integration through SCADA	All Engineers (Electrical)

Kerala State Electricity Board Limited

Power Engineer's Training and Research Centre

Course Details

No	Name of training Program	Participants
	Transmission & System Operation	
1	Factory Acceptance Tests (FAT) in Transmission Wing, Routine & Site acceptance tests, Standard test protocols, method statements, Relevant Standards	All Engineers (Electrical)
2	Switch Gear & Transformers (Hands-on Training) & PTRU related Transformers & other equipment repairs	All Engineers (Electrical)
3	Various aspects in preparation of DPR, Load flow studies, Financial concerns etc	All Engineers (Electrical)
4	Capacity building on Design & Construction of EHV Sub Stations	All Engineers (Electrical)
5	Maintenance of Transmission Lines (Off line & Hot line)	All Engineers (Electrical)
6	Capacity Building on Gas Insulated and Air Insulated Substations & Switchgears.	All Engineers (Electrical)
7	Substation Automation System (SAS) and Digital Substations	All Engineers (Electrical)
8	Capacity building on Switch Gear & Transformer Maintenance of EHV Substations	All Engineers (Electrical)
9	Capacity building on Transmission Planning	All Engineers (Electrical)
10	Capacity Building on Substation transmission Asset management System (STAMS)	All Engineers (Electrical)
11	Capacity Building on SCADA, Optical Fiber Communication, MPLS, VSAT, PLCC, various communication equipments and Protocols.	All Engineers (Electrical)
12	Capacity building on Grid Management & Power Market Development in INDIA	All officers
13	Power System Operation: Demand Estimation, Monitoring & Control	All Engineers (Electrical)
14	Capacity building on Earthing practices in EHV system including Earthmat Designing procedure	All Engineers (Electrical)
15	Interpretation of Control wiring and Drawings in Power System	All Engineers (Electrical)
16	Fault Analysis in Substation / Generating Stations with software updates	All Engineers (Electrical)
17	Capacity Building on AT & C loss measurement and reduction techniques , Loss reduction in Power systems	All Engineers (Electrical)
18	Capacity building on Power System Protection	All Engineers (Electrical)
19	Capacity building on Modern Relaying & Protection	All Engineers (Electrical)
20	Control and Protection of Power System - Transformer, Busbar and Distance Protection	All Engineers (Electrical)
21	Capacity building on Design & Construction of EHV Sub Stations	All Engineers (Electrical)
22	Maintenance of Transmission Lines (Off line & Hot line)	All Engineers (Electrical)
23	Capacity building on Protection system philosophy for MV & HV networks including cable	All Engineers (Electrical)

Kerala State Electricity Board Limited

Power Engineer's Training and Research Centre

Course Details

No	Name of training Program	Participants
24	Capacity Buiding on Gas Insulated and Air Insulated Substations & Switchgears.	All Engineers (Electrical)
25	Innovative Technology in Power System - HVDC - FACTS - Smart Grid	All Engineers (Electrical)
26	Computer networking for SCADA and SAS works, Distribution SCADA	All Engineers (Electrical)
27	Capacity building on Switch Gear & Transformer Maintenance of EHV Substations	All Engineers (Electrical)
28	Capacity building on Power Equipment Testing	All Engineers (Electrical)
29	Capacity building on Transmission Planning	All Engineers (Electrical)
30	Capacity Building on Substation transmission Asset management System (STAMS)	All Engineers (Electrical)
31	Capacity building on Reactive Power management	All Engineers (Electrical)
32	Repairing of Power Equipments & Switch Gears	All Engineers (Electrical)
	Distribution	
1	Training on Standard /uniform store handling procedures, store accounting, Material quality ensuring, Material testing, Sampling procedures as per relevant IS, FAT procedures for distribution materials etc.	All Engineers (Electrical)
2	Distribution Transformer Loading , Loss reduction & Maintenance	All Engineers (Electrical)
3	LT/HT Line Design and Construction Standards	All Engineers (Electrical)
4	Capacity building on Energy Efficient Equipment and System	All Engineers (Electrical)
5	Capacity building on Energy Conservation Building Code (ECBC)	All Engineers (Electrical)
6	Capacity building on Distribution Planning	All Engineers (Electrical)
7	Revenue Management & Loss reduction techniques in Distribution system	All Engineers (Electrical)
8	Capacity Building on Smart Grid Concepts in Distribution system and Automation	All Engineers (Electrical)
9	Capacity Building on Distribution Asset management	All Engineers (Electrical)
10	Capacity building on Power cables (UG, ABC, Covered conductor) installation & jointing methods	All Engineers (Electrical)
11	Capacity building on Installation, Testing & Data analysis of Energy Meters	All Engineers (Electrical)
12	Capacity building on Electricity Metering & prevention of power theft	All Engineers (Electrical)
13	Capacity building on Concept of Energy Auditting, Act & Rules	All Engineers (Electrical)

Kerala State Electricity Board Limited

Power Engineer's Training and Research Centre

Course Details

No	Name of training Program	Participants
	Finance	
1	Capacity Building on Contracts and purchase Management, Store Management and Inventory Control, Training on Engineering, Procurement and Completion	All officers
2	Supply Chain Management : Tendering : Bid document preparation , Rate contract Procedure, Arbitration and Legal Proceedings	All officers
3	E-tender, Tender evaluations, PQ documents, type test, Tendering procedures	All officers
4	Tendering	All officers
5	Capacity building on ARR, ERC, Regulatory affairs, Tariff policy related to power sector	All officers
6	Capacity building on Accounting & Auditing	All officers
7	Various taxes/Agreements	All officers
8	Scrap Management, Accounting, Survey reporting, auction-Guidelines	All Engineers (Electrical & Civil)
9	Capacity building on Banking & Taxation	All officers
	Interpersonal Skills with Wellness Program	
1	Management Training in Leadership, How to conduct Meetings and bring professionalism in organization.	All officers
2	Management Training- Good communication skills, Interpersonal skills, ethics & Values	All officers
3	Personnel Management	All officers
4	Management Training- Interpersonal skills, Stress Management	All officers
5	Stress Management,work-life balance, mental well being	All officers
6	Capacity Building on Organizational Development, Power Forecasting, Decision making, Finance Management, Cost benefit analysis, Legal matters for Senior Officers in KSEBL	Chief Engineer / Deputy Chief Engineer (Ele) & (Civil)
7	Retirement Planning	All officers
8	Project Management	All officers
9	Capacity building on Human Resource Management	All officers
10	Capacity building on Customer Orientation	All officers
	Refresher	
1	Training Programme for Officers in Regional Audit Offices	Regional Audit Officer/ Assistant Audit Officer/Senior Superintendent
2	The Electricity Act, 2003	All officers
3	Kerala Electricity Supply Code, 2014	All officers
4	Capacity building on Statutes & Regulations	All officers
	Legal	
1	Disciplinary Proceedings- Complete	All Officers
2	Lapses occuring at various Stages in conduct of the cases	All officers

Kerala State Electricity Board Limited

Power Engineer's Training and Research Centre

Course Details

No	Name of training Program	Participants
3	Capacity building on fundamentals of criminal law, Insolvency & Bankruptcy Code, Companies Act 2013 and related rules and laws	All officers
4	Service Rules, Legal Aspects & Disciplinary Proceedings	All officers
5	Capacity building on Inspection, Assessment and General Legal aspects for Distribution Engineers	All Engineers (Electrical)
	IT & Automation	
1	Software Modules and Updates	All officers
2	Capacity building on Cybersecurity Basic Level	All officers
3	Capacity Building on Cybersecurity and Surveillance	All officers
4	Capacity Building on SAMAGRA	All officers
5	Capacity building on IT Application in Transmission Business	All Engineers (Electrical)
6	Capacity Building on Artificial Intelligence and effective applications in KSEBL	All Engineers (Electrical & Civil) and All Officers
7	Capacity building on IT Application in Distribution Business	All Engineers (Electrical)
8	Capacity building on Management Control System	All officers
9	E- Office	All officers
	Civil	
1	Penstock design, Construction & maintenance	All Engineers (Civil)
2	Hydrology basics	All Engineers (Civil)
3	Geological Investigations for Hydro Projects	All Engineers (Civil)
4	Structural Design & Construction	All Engineers (Civil)
5	Surveying & Land Acquisition	All Engineers (Civil)
6	Environmental & Regulatory Compliance	All Engineers (Civil)
7	Technical ToT(Civil Domain)	All Engineers (Civil)
8	Capacity Building on Hydro Power Generation - Construction and Maintenance of Civil structures	All Engineers (Civil)
	Training of Trainers	
1	Technical Training of Trainers(Electrical Domain)	All Engineers (Electrical)
2	Management Training of Trainers	All officers

Kerala State Electricity Board Limited

Power Engineer's Training and Research Centre

Course Details

No	Name of training Program	Participants
	Special Skills	
1	Capacity Building on STAAD	All Engineers (Civil)
2	Capacity building on Advanced Survey & Levelling instruments	All Engineers (Civil)
3	Capacity building on AutoCAD	All Engineers (Electrical) & (Civil)
4	Training for Energy auditor Certification of BEE	All Engineers (Electrical)
5	Capacity buiding on PLS CAD	All Engineers (Electrical) & (Civil)
6	Capacity building on various Civil Structures on power system	All Engineers (Civil)
7	Capacity Building on ETAP	All Engineers (Electrical)
	Safety	
1	Safety Management in Transmission System	All Engineers (Electrical)
2	Safety and Disaster Management	All Engineers (Electrical)
3	Capacity building on Dam Safety	All Engineers (Civil)
4	Safety training for officers at Generation wing including Health Safety and Environment guidelines in power utilities-international	All Engineers (Electrical)
5	Disaster Management in Generating stations	All Engineers (Electrical))
6	Safety Management and Practices in Distribution System	All Engineers (Electrical)
	Modern Technologies	
1	Grid Integration of Renewable Energy with Battery Energy Storage Systems	All Engineers (Electrical)
2	AI-Based Load Forecasting and Demand Management	All Engineers (Electrical)
3	Wide Area Monitoring System(WAMS)	All Engineers (Electrical)
4	Drone-Based Inspections of Transmission Lines	All Engineers (Electrical)
5	Green Hydrogen	All Engineers (Electrical)
6	IoT- Based Asset Monitoring	All Engineers (Electrical)
7	Smart Grid and Advanced Metering Infrastructure	All Engineers (Electrical)

Kerala State Electricity Board Limited

Power Engineer's Training and Research Centre

Course Details

No	Name of training Program	Participants
	External Training	
1	Training Programme for Graduate Engineers / Engineering Students	Engineering Graduates from outside KSEBL
2	Power System Protection Training for Graduate Engineers	Engineering Graduates from outside KSEBL
3	Power Industry Familiarisation (Civil, Electrical, Electronics and Mechanical Engineering)	Graduate & Diploma Engineers from outside KSEBL
4	Power Industry Familiarisation	Engineering Faculty
5	Power and Control Equipment Familiarisation	Engineers from outside KSEBL
6	Developments and Best Practices in the Power Sector	Engineers from outside KSEBL

Deputy Chief Engineer
PETARC, KSEB Ltd
Moolamattom - 685 589

TRAINING COURSES O/o The Executive Director, PGTI, CSPGCL, Korba East	
S.N.	**Types of Training**
1	Management Development Training Program
2	Security Guard Training
3	Safety Training
4	Certified first Aider Training
5	Fire safety Training
6	Simulator Training
7	Water Treatment and Water Chemistry
8	Boiler operation and maintenance
9	Turbine operation & maintenance
10	Electrical operation & maintenance (LT & HT)
11	Ash handling, Coal handling & Coal Block
11	Welding Technology
12	Environment awareness
13	Apprentice Training :
	1. Graduate Engineers- Electrical, Machenical, Civil, CSE, ET&T, IT, BSc & BCA (Non-Tech)
	2. Diploma Engineers- Electrical, Machenical, Civil, CSE, ET&T, IT
	3. ITI holders- Electrician, Fitter, Welder, Steno(Hindi & English), COPA(NCVT & SCVT)

13/11/26

Superintending Engineer (PGTI)
CSPGCL, Korba East

Training Courses Offered and Categories of Personnel Trained

Name of Institute - STEAG Power Plant Learning Center (SPPLC), Noida
Organization - STEAG Energy Services India Pvt. Ltd. (part of Bluspring Enterprises Limited)

The CEA-recognized Learning Center provides induction, refresher, specialized technical, simulator-based and on-the-job training for personnel engaged in power generation and associated functions. Training covers coal- and gas-based power plants, with selected programs on hydro generation, renewable energy, grid integration, industrial safety and management. Programs are designed or adapted to the trainee category, plant configuration and organizational requirements.

1. Types of Training Programs

Induction / familiarization — Structured technical induction for graduate engineer trainees, diploma trainees, interns and newly inducted plant personnel.

Refresher / specialized — Short-duration role-based training in plant operation, maintenance, engineering, performance, reliability, safety and emerging technologies.

Simulator-based — Practical operator and engineer training in unit start-up, shutdown, normal operation, emergencies, troubleshooting and flexible operation; classroom and remote formats as applicable.

On-the-job / practical — Supervised scheme tracing, plant-system familiarization, practical sessions and on-the-job training at associated generating stations.

2. Courses and Specialized Training Modules Offered

The following training areas and course titles are drawn from the institute's Training Modules 2026–27 catalogue. Courses may be arranged as open, in-house or client-specific programs. Program duration and content are confirmed according to the training requirement.

Training area	Courses / modules offered
Induction, familiarization & on-the-job training	• Induction in power plant operation and maintenance for Graduate Engineer Trainees (GETs) and Diploma Trainees; • Power plant familiarization for interns and new entrants; classroom, site exposure and structured on-the-job training.
Simulator-based plant operations	• Coal-fired power plant; sub & supercritical-unit simulator training; • 500 MW / 660 MW flexible-operation simulator programs; • Hydro, solar, gas turbine and combined-cycle simulator training; start-up, shutdown, operational disturbances and emergency handling. • Simulators ranging from 210 to 800 MW.
Boilers, combustion and fuel systems	• Boiler Tube Failure Mechanisms and their Corrective & Preventive Actions • Boiler Operation and Maintenance • ESP O&M and Performance Enhancement • Combustion Mechanism & Optimization • Coal Combustion & Clinkering Problems: Hazards, Remedies & Safety measures • Coal characterization, Coal blending & Optimization • Best Practices in O&M of Coal Mills • Boiler Performance and Life Extension • Coal / Lignite Sampling and Quality Assessment
Turbine operation and commissioning	• Gas Turbine Operation, Maintenance & Performance Monitoring • Commissioning of Steam Turbine and Auxiliaries • Steam Turbine – Operation
Turbine performance, diagnostics, governing and controls	• Performance Monitoring, Analysis and Diagnostics in Combined Cycle Power Plants • Performance Optimization of Steam Turbine and its Auxiliary Systems • Damage Mechanisms, Inspection and Residual Life Assessment (RLA) of

	Steam Turbine Components • Steam Turbine Governing System • Gas Turbine and Centrifugal Compressor • Steam Turbine-Generator Control for Operators
Electrical machines and electrical system O&M	• Electrical Generator – Operation • Electrical System – Operation • Maintenance of Generators & Transformers • Installation, Repair and Maintenance of DC Supply Systems, Batteries and Chargers • Condition Monitoring of Electrical Equipment in Power Plant • Variable Frequency Drives – Design and Maintenance • Operation, Maintenance & Repairs of LT & HT motors
Electrical protection, cabling and testing	• Electrical Protections in Power Generating Stations • Power/Control/Instrument Cable Selection, installation, testing, maintenance, Fault Finding & Protections • Earthing, Grounding and Lightning Protection • High Voltage Testing of Power System Equipment
Control, instrumentation and calibration	• Gas Turbine Controls and Instrumentation • Controls and Instrumentation • Instruments and Valves Calibration
Balance of plant and mechanical maintenance	• Vibrations & Balancing of Rotating Machinery • Balance of Plant for Thermal Power Plants • Best Practices in Coal and Ash Handling Plants • Pumps – Operation and Maintenance • Bearing Maintenance & Shaft Alignment • Valve Maintenance
Performance, efficiency and energy management	• Performance Guarantee (PG) tests – Procedures and Requirements • Best O&M Practices in Thermal Power Plants • Implementation of PAT Scheme in Thermal Power Stations • Energy Management and Auditing in Thermal Power Stations • Efficiency Calculations & Monitoring in Power Plants • Advanced-level Heat Rate Awareness
Power plant chemistry and water systems	• Advancements in Power Plant Chemistry
Industrial safety, environment and emission control	• Industrial Safety, Environment Management & Best Practices Adapted • Environmental Issues, Challenges & Solutions for Power Plants • Flue Gas Desulphurization (FGD)
Maintenance strategy, reliability and asset management	• Maintenance Philosophy, Strategies & Maintenance Planning in Power Plants • Condition Monitoring-based Maintenance of Power Plant Equipment • Statistical Process Control (SPC) and Measurement System Analysis (MSA) • Renovation and Modernization of Thermal Power Stations • Asset Management Systems in Thermal Power Plants
Renewable energy, flexible operation and grid integration	• Renewable Energy; Classification, Forecasting Requirements and Storage Options • Flexibilization of Thermal Power Plants due to Large-scale Renewable Energy Integration • Grid Code Requirements and Studies for RE Integration • Indian Grid Code and Requirements for Power Plants
Digital technologies and advanced analytics	• Digital Transformation in the Power Sector
Engineering, projects and techno-commercial management	• Engineering Aspects in Thermal Power Plants • Project Management in the Power Sector • Techno-commercial Operations of Thermal Power Plants

Additional focused programs evidenced in recent training records: 660 MW flexible-operation simulator training; hydropower resource exploration; advanced steam chemistry and oxygenated treatment; once-

through boiler dynamics; advanced root cause analysis; AI applications in the power sector; incident / accident reporting and investigation; communication skills and leadership development.

3. Categories / Types of Personnel Trained

The Learning Center trains the following personnel categories in accordance with the classification used in the CEA training-institute recognition framework:

CEA category	Personnel covered
Category I – Engineers	Graduate engineer trainees, graduate engineers and technical executives engaged in operation, mechanical and electrical maintenance, control and instrumentation, plant performance, commissioning and allied engineering functions.
Category II – Supervisors	Supervisors, shift / section in-charges and other supervisory personnel involved in control-room and field operation, equipment maintenance, safety and technical support.
Category III – ITI-qualified / non-qualified technicians	Operators, technicians and trade personnel working in mechanical, electrical, C&I and plant auxiliary systems, including personnel undergoing skill upgrading and competency development.

Other professional groups trained: Diploma trainees, interns, experienced plant O&M professionals, engineering specialists, trainers, HSE / chemistry / quality personnel, project professionals, maintenance and operations managers, and personnel of Indian and overseas power utilities and service organizations.

4. Training Delivery Methodology

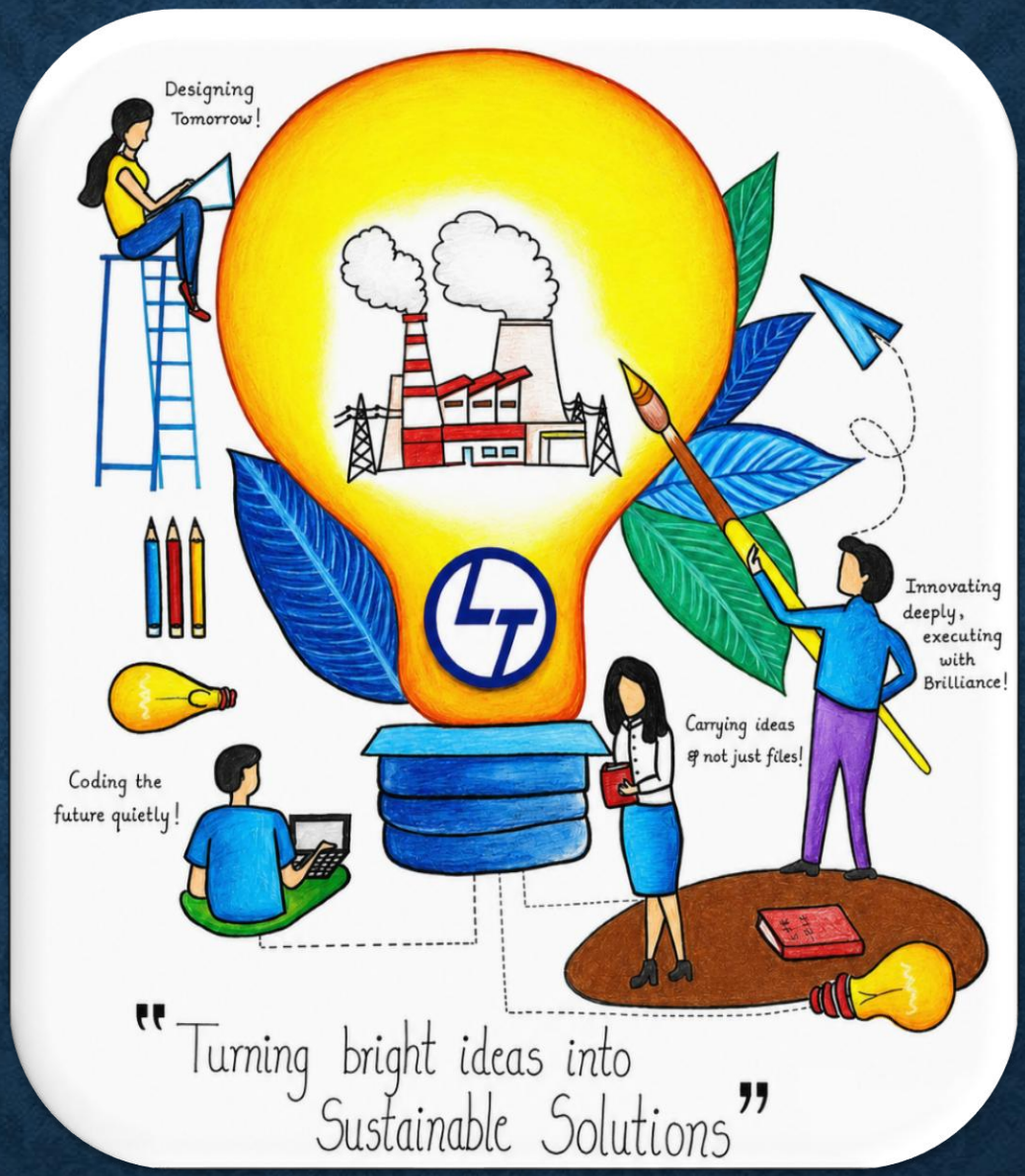
Classroom lectures, practical demonstrations, plant visits and on-the-job training; simulator sessions (on-site or remote, as applicable); case studies, group discussions and technical workshops; live online programs and webinars; and customized competency-development programs for specific plant technologies and personnel groups.

Institute Contact Details:

STEAG Power Plant Learning Center
STEAG Energy Services India Pvt. Ltd.
A-29/30, Sector 16, Noida, Uttar Pradesh – 201301, India
Mobile: 8744003330 / 6203430035
Website: www.steag.in **Email:** steag-learningcenter@steag.in

TC/PTI//2026-27

L&T POWER TRAINING INSTITUTE



TRAINING CATALOGUE

FY 2026-27

L&T POWER TRAINING INSTITUTE

01



Business Specific Training

02



Tailored Sessions by SME's

03



Field Training Programme

04



Hands-on Learning

05



Training Through Demonstration

Enhancing Skills, Powering Growth

TRAINING METHODOLOGIES

PTI Training Basket(2026-27)

L&T POWER TRAINING INSTITUTE

01 OFFICE PRODUCTIVITY

Advanced Excel, Power BI, Microsoft Copilot , SAP, MS Word for Advanced Users, Tableau Workshop, SQL for Data Analytics, Machine Learning with Python, AI Application in Engineering

02 FUNCTIONAL SKILLS

Contract and Risk Management, Masterclass on "Understanding Project Finance “, Quality Management in BTG Projects, Digitalization and IOT Applications for Power Plant, Demystifying Commissioning for BTG EPC, Power Plant Water Chemistry, Power Plant Chemistry & more…

03 TECHNICAL TRAINING (SPECIFIC TO SUPERCRITICAL THERMAL POWER PLANT)

PPF Coal -Based Power Plant, Metallurgy Simplified for Engineering Professionals, Introduction to Conventional & Advanced NDT Techniques, Damage Mechanisms in Boilers & Associated Piping, Remaining Life Assessment (RLA) – Methodology & Procedure as per IBR & more…

04 DESIGN & ENGINEERING

Layout Design, Power Piping, Civil Engineering for Power Project & Basics of Control Valve, Geometric Dimensioning & Tolerancing Fundamentals, Workshop on P&ID, Design Selection of Heat Exchanger

05 COMPETENCY DEVELOPMENT PROGRAM

Managing Project, Productivity & Profitability(MP3) & Managing Power Project(MPP), Power Project Execution Skill Development Programme(PPESDP), Skill Development Programs for Executives(SDPE)

L&T POWER TRAINING INSTITUTE

01 OFFICE PRODUCTIVITY

L&T Energy CarbonLite Solutions

Training Programs for the year 2026-27

L&T POWER TRAINING INSTITUTE

S. No	Title of the Programs	Duration	Faculty	Outline
1.01	**Advanced Excel**	**1 - Day**	***Internal/External***	Advanced Data Handling and Functions Data Cleaning & Transformation Advanced Data Analysis Tools Pivot Tables & Advanced Reporting Data Visualization & Dashboards Automation & Productivity Boosters
1.02	**Power BI**	**1- Day**	***Internal/External***	Introduction to Power BI User Interface of Power BI Import Data Building Data Model Data cleaning Pivoting and Unpivoting Power BI Charts Slicers and Filters Power BI Dashboard

L&T Energy CarbonLite Solutions

Training Programs for the year 2026-27

L&T POWER TRAINING INSTITUTE

S. No	Title of the Programs	Duration	Faculty	Outline
1.03	**Microsoft Copilot**	**1 - Day**	**External**	Program Introduction & Setup Copilot Fundamentals & Prompting Essentials Creating Documents Faster with Copilot Editing, Summarizing & Enhancing Content Practical Word Use Cases Data Insights with Natural Language Analysis, Automation & Visualization Practical Excel Use Cases Creating Impactful Presentations Refining & Presenting with Confidence Practical Power Point Use Cases Integrated Workflows & Best Practices
1.04	**SAP Awareness**	**0.5 - Day**	**Internal**	Customized

L&T Energy CarbonLite Solutions

Training Programs for the year 2026-27

L&T PTI
L&T POWER TRAINING INSTITUTE

S. No	Title of the Programs	Duration	Faculty	Outline
1.05	**MS Word for Advanced Users**	**1 - Day**	***Internal***	Introduction to the new features for Microsoft Word Working with Complex Table Advanced Paragraph Settings Insert headers, footers & section breaks Working with images, graphs & diagrams Building read-only templates
1.06	**Tableau Workshop**	**1 - Day**	***External***	Introduction to Tableau Public Basic Calculations & Interactive Feature Creating Visuals – From Raw Data to Insight Dashboards & Storytelling
1.07	**SQL for Data Analytics**	**1 - Day**	***External***	Customized
1.08	**Machine Learning with Python**	**1 - Day**	***External***	Customized

L&T Energy CarbonLite Solutions

Training Programs for the year 2026-27

L&T PTI
L&T POWER TRAINING INSTITUTE

S. No	Title of the Programs	Duration	Faculty	Outline
1.09	**AI Application in Engineering**	**Customized**	***External***	Customized
1.10	**MS Word Basic**	**Customized**	***External***	Organize and modify format of the document contents using Styles Mail Merge Using content controls and fields – replicate documents Working with Quick parts Document Comparison

L&T Energy CarbonLite Solutions

Training Programs for the year 2026-27

L&T PTI L&T POWER TRAINING INSTITUTE

S. No	Title of the Programs	Duration	Faculty	Outline
1.11	**Basic Excel**	**Customized**	***External***	Use of Table vs. Raw Dataset Pivot Table Basics and Advance usage Slicing and dicing Data – Slicers, Advance Filtering Get more from Scenarios using Data Table Mail Merge Managing Data from different sources Using Array Formula – Built-in and Customized Best Practices for productivity Improvement – Tips, Tricks and Shortcut keys Introduction to Power Query Automation: Introduction of Scripting and VBA Macros in user menu AI and Excel LET and LAMBDA functions

L&T POWER TRAINING INSTITUTE

02

FUNCTIONAL

L&T Energy CarbonLite Solutions

Training Programs for the year 2026-27

L&T POWER TRAINING INSTITUTE

S. No	Title of the Programs	Duration	Faculty	Outline
2.01	**Contract and Risk Management**	**1 - Day**	***Internal***	Introduction to Contract Management Overview of Indian Contract Act Facets of Contract Management Basic attributes & Key Clauses in EPC Contracts for a Power Project Contract Administration – Execution Stage Claims Management Dispute Resolution in Contracts Concepts of Risk & Classification of Risks Guidelines for Risk Mitigation Risk Perception, Type of Probability Monte Carlo Simulation
2.02	**Masterclass on "Understanding Project Finance "**	**2 - Days**	***Internal***	Introduction to Project Finance Terminology Working Capital Management Internal Audit & Insurance Taxation & GST ,Treasury Functions Account Payables & Case Study

L&T Energy CarbonLite Solutions

Training Programs for the year 2026-27

L&T POWER TRAINING INSTITUTE

S. No	Title of the Programs	Duration	Faculty	Outline
2.03	**Quality Management in BTG Projects**	**Customized**	***Internal***	Customized
2.04	**Digitalization and IOT Applications for Power Plant**	**0.5 - Day**	***Internal***	Customized
2.05	**Demystifying Commissioning for BTG EPC**	**2 - Days**	***Internal***	Customized
2.06	**Power Plant Water Chemistry**	**1 - Day**	***Internal/External***	Customized
2.07	**Power Plant Chemistry**	**1 - Day**	***Internal/External***	Coal, Oil, Water Sample Analysis
2.08	**MS Primavera Workshop**	**1 - Day**	***Internal***	Project Planning, L1,L2 Schedule, WBS, Task Activity, Float, CPM, Project Milestones, Delay Analysis, Project Closure
2.09	**Demystifying Construction for BTG Project**	**2 - Days**	***Internal***	Construction Schedule, Plot-Plan ,Site Establishment, Piling/Foundation Work, Boiler Erection, Civil works + TG Decks, Critical Equipment Erection, Power Cycle Piping, ESP Erection

L&T Energy CarbonLite Solutions

Training Programs for the year 2026-27

L&T POWER TRAINING INSTITUTE

S. No	Title of the Programs	Duration	Faculty	Outline
2.10	**Constructional & Operational Safety in Thermal Power Plant**	**1 - Day**	***Internal***	HIRA, BBS, Cold & Hot Work Permit, Adherence to plant safety
2.11	**BIM Technology Awareness & use in Design & Construction**	**0.5 - Day**	***External***	Customized
2.12	**Business Excellence**	**0.5 - Day**	***Internal***	Customized
2.13	**Controlling Cyber Risk for Plant & Projects**	**1 - Day**	***External***	Identification of Cyber Risk for EPC Business Ownership on Information Security Digital Defense Strategies Protection of Organizational Data Cybersecurity Framework Building Cyber Resilience Robust Security Culture for Digital Transaction Case Study
2.14	**Building Quality Driven Culture**	**1 - Day**	***Internal***	A Change Mindset, QMS,TQM, 7 QC Tools, Continuous Improvement & Quality Circle

L&T Energy CarbonLite Solutions

Training Programs for the year 2026-27

L&T PTI
L&T POWER TRAINING INSTITUTE

S. No	Title of the Programs	Duration	Faculty	Outline
2.15	**Information Security & Data Governance**	**1 - Day**	***Internal***	ISMS Framework, Prevention Policies & Procedures, Control Points, Data Protection, CIA Triad, Avoiding Disruption & Business Continuity
2.16	**Operational Excellence**	**Customized**	***External***	Six Sigma, Lean Manufacturing, 5-S and its Audit, TPM, Kaizen & Kanban
2.17	**Problem Solving for Engineers: Root Cause Analysis Fundamentals**	**1 - Day**	***Internal/External***	Fundamentals of RCA Explore RCA Tools: Purpose & Application Perform RCA on real-world Problems

L&T Energy CarbonLite Solutions

Training Programs for the year 2026-27

L&T PTI L&T POWER TRAINING INSTITUTE

S. No	Title of the Programs	Duration	Faculty	Outline
2.18	**Design Thinking Workshop**	**1- Day**	***Internal***	Introduction to Design Thinking and mindset Understanding Design Thinking frameworks (AEIOU, Context Understanding, 5 Why) Group activities and practical application exercises Persona, Empathy Map, Customer Journey Mapping and POV creation Ideation techniques and solution generation Team presentations and discussion Knowledge quizzes and participant engagement activities throughout the session
2.19	**Store Management and Inventory Control**	**1-Day**	***Internal***	Standardize store practices Matrix for equipment storage & preservation Process Improvements & Customization

L&T Energy CarbonLite Solutions

Training Programs for the year 2026-27

L&T POWER TRAINING INSTITUTE

S. No	Title of the Programs	Duration	Faculty	Outline
2.20	**Constructability Aspects of Civil & Structural Construction**	**1 - Day**	***Internal/ External***	Definition of Constructability in Project management, Origin & overview of Constructability, Trends of Constructability Various Aspects & Complexities during Civil Construction. Practices of constructability & review of the project during Design, Planning & Scheduling, Processes of Constructions, Interdependencies & Interface of various system etc.) Flexibilities (Adoption of Modular Utilities: 3D Building Information Model & 4D Animation Model for Construction assessment platform: big enablers for flexibility) Various Challenges (Rising Cost, Time Delay, Safety & Quality issues, Socio Political & Legal issues etc.) Risks (Cost impact of threat & Schedule impact of threat)

L&T POWER TRAINING INSTITUTE

03 TECHNICAL TRAINING

L&T Energy CarbonLite Solutions

Training Programs for the year 2026-27

L&T POWER TRAINING INSTITUTE

S. No	Title of the Programs	Duration	Faculty	Outline
3.01	**PPF Coal -Based Power Plant**	**3 - Days**	***Internal***	Basics of Coal to Electricity Overview of Thermal Power Plant Power Plant Technology Air, Water & Gas Circuits Basic of Steam Generator, Turbine, Generator & ESP Major Equipments & Layouts
3.02	**Metallurgy Simplified for Engineering Professionals**	**1 - Day**	***External***	Practical understanding of material behaviour, degradation mechanisms, and service performance of critical components
3.03	**Introduction to Conventional & Advanced NDT Techniques**	**1 - Day**	***External***	UT, RT, MT, PT, PAUT, TOFD – principles, applications, limitations, and selection criteria for power plant assets.
3.04	**Damage Mechanisms in Boilers & Associated Piping**	**1 - Day**	***External***	Creep, Fatigue, Corrosion, Hydrogen Damage, Erosion, and Real-life failure case interpretations
3.05	**Remaining Life Assessment (RLA) – Methodology & Procedure as per IBR**	**1 - Day**	***External***	Step-by-step approach, data requirements, metallurgical replication, decision-making framework, and compliance alignment.

L&T Energy CarbonLite Solutions

Training Programs for the year 2026-27

L&T PTI L&T POWER TRAINING INSTITUTE

S. No	Title of the Programs	Duration	Faculty	Outline
3.06	**Advanced Welding Technology for Power Plant Applications**	**1 - Day**	***External***	Fundamentals of Welding Metallurgy, Preheat, Inter-pass Temperature & PWHT Requirements, P-Numbers, F-Numbers & Qualification Requirements, Heat Affected Zone (HAZ) – Microstructural Interpretation, Diffusion Phenomena & Microstructural Stability,T91 & T92 Welding Metallurgy & Techniques for P91& P92 Welding Inspection & Quality Control
3.07	**Simulator Training for Plant Operator**	**3 - Days**	***Internal***	Familiarization with Simulator Features and Screens Walk Through and Study of Schemes and Graphics of Boiler, Turbine Generator and Auxiliary System Plant Start- up and Achieving 100% Load (Auto – Cold Mode) Plant Shut Down (Auto Mode)

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Training Programs for the year 2026-27

L&T PTI L&T POWER TRAINING INSTITUTE

S. No	Title of the Programs	Duration	Faculty	Outline
3.08	**Integrated Operation of Supercritical Power Plant for Operation Executive**	**3 - Days**	***Internal***	Modes of Start-up, Unit Start up Preparation, Start-up Clean up Operation, Boiler Start-up, HP-LP Bypass Operation, Steam Turbine Rolling, Generator Synchronization, Load Raising, Unit Synchronization, Unit Shut Down Procedures, BMS & BPS, Different Mode of Operation, Emergency Operation
3.09	**Condition Monitoring & Vibration Analysis for Power Plant Equipment**	**1 - Day**	***External***	Introduction to Rolling Element Bearings Constructional Features & Balancing of Rotary Equipments Vibration Measurement Technique Bearing Housings & Housed Unit Lubricants & Lubrication Mechanism Condition Monitoring & Fault Diagnosis

L&T Energy CarbonLite Solutions

Training Programs for the year 2026-27

L&T PTI L&T POWER TRAINING INSTITUTE

S. No	Title of the Programs	Duration	Faculty	Outline
3.10	**Boiler Air & GAS Draft System**	**0.5 - Day**	***Internal***	Air and Gas Draft System Air and Gas Duct arrangement – Overview Sequence of Equipment in Air & Gas Flow Duct System Description Duct Construction-Overview Duct Accessories- Design Aspects ,Construction details Codes and Standards-Duct design aspects
3.11	**Introduction to Boiler Auxiliaries : Major Equipment & System**	**0.5 - Day**	***Internal***	This module will cover Basics of following Equipment's, Type ,GA & Details of internal Components; ID ,PA & FD Fans RAPH & SCAPH BCP, Soot Blower, Seal Air & Scanner Cooling Fan, Coal Feeder ,Pulveriser System, Mill Reject Handling Systems PHE,CCW & Cooler Skid

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Training Programs for the year 2026-27

L&T PTI L&T POWER TRAINING INSTITUTE

S. No	Title of the Programs	Duration	Faculty	Outline
3.12	**Introduction to Boiler Fuel Firing System**	**0.5 - Day**	***Internal***	Details of Fuel Firing Component Boiler Corners & Elevations Firing Arrangements Coal/Oil Burner Assembly, Arrangement of Air Damper/Actuator Arrangement of Burner Wind box, Additional Ports & Supports Coal Piping System & Air Distribution Mechanism Schematic of Fuel Oil System
3.13	**Basics of Supercritical Boiler**	**0.5 - Day**	***Internal***	Basics of Supercritical Technology & Advantages Understanding Supercritical/Subcritical Cycle Trends of SC/USC Boilers Design Features, Pressure Parts Twin-fire Vortex Boiler -Burner Arrangement Steaming Parameters & Metallurgy

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Training Programs for the year 2026-27

L&T PTI L&T POWER TRAINING INSTITUTE

S. No	Title of the Programs	Duration	Faculty	Outline
3.14	**Feedwater Heater : The Regenerators of the Power Plant**	**0.5 - Day**	***Internal***	Introduction and Design Manufacturing Process Quality Requirements Erection & Commissioning at Site
3.15	**Workshop on Pile Foundation**	**0.5 - Day**	***Internal/External***	Introduction & Overview of Piling & Good Foundation Design Aspect of Pile Foundation Typical Issues and suggested remedies
3.16	**Quantity Surveying and Quantity Reconciliation**	**0.5 - Day**	***Internal/External***	Need for Estimation & Costing Methods of Estimation Inputs Required for Preparation of Estimate Rules of Measurement Methods for Extracting Quantities Purpose of Rate Analysis Methods of Valuation Need for Reconciliation

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Training Programs for the year 2026-27

L&T PTI L&T POWER TRAINING INSTITUTE

S. No	Title of the Programs	Duration	Faculty	Outline
3.17	**Masterclass on ESP**	**0.5 - Day**	***Internal***	Introduction Basic Working Principle L&T – CB Design Features Parameters Affecting Performance Factors Affecting Performance Erection & Commissioning
3.18	**Plant Electrical System**	**0.5 - Day**	***Internal***	Understanding of Key SLD Generator & Excitation System Introduction to GCB,IPBD,GT,ST & UAT Power Distribution Systems Details of Switchgear, SPBD, EDG Switchyard & Evacuation System
3.19	**Carbon Capture Utilization & Storage**	**1-Day**	***External***	Customized as per OEM's Technology

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Training Programs for the year 2026-27

L&T PTI L&T POWER TRAINING INSTITUTE

S. No	Title of the Programs	Duration	Faculty	Outline
3.20	**Bio Mass Co firing in Boiler**	**1 - Day**	***Internal/External***	Policy & Regulation on utilization of Biomass for Power Generation, Co-firing Strategy, Combustion Chemistry, Performance Analysis, Aux. Power Comparison, Design Engineering Considerations & Challenges, Biomass Storage & Handling, Risk mitigation & measures etc.
3.21	**ACC : Design & Operation**	**0.5 - Day**	***Internal***	Customized
3.22	**Robotics & IOT in Manufacturing**	**0.5 - Day**	***External***	Customized
3.23	**BTG ,ESP & FANS Manufacturing Process : Walkthrough**	**1 - Day**	***Internal***	Customized

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Training Programs for the year 2026-27

L&T PTI L&T POWER TRAINING INSTITUTE

S. No	Title of the Programs	Duration	Faculty	Outline
3.24	**Boiler & Turbine Efficiency Analysis & Improvement**	**1- Day**	***Internal***	Boiler and Combustion Efficiency Turbine and Steam Cycle Condenser and Feedwater System Auxiliary Power Consumption Cooling Water System Load Management, Availability/Reliability Fuel & Fuel Efficiency Economic Analysis Preparation of Energy audit report
3.25	**Masterclass on Turbine Governing System**	**1-Day**	***Internal***	Introduction to Steam Governing Mechanism Arrangement of valves and steam path Actuation and control & Valve Management
3.26	**Auxiliary Power Consumption ,Optimization & Improvement**	**1 - Day**	***Internal***	Fans and Pumps, Motors & VFDs, Coal Handling Plant, Mills & Procedure for measuring Aux. Power

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Training Programs for the year 2026-27

L&T POWER TRAINING INSTITUTE

S. No	Title of the Programs	Duration	Faculty	Outline
3.27	**Nuclear Power Plant Technology**	**0.5 - Day**	***Internal***	Nuclear Basics and overview on nuclear technology and Government's road map Civil Structural Design Design Aspects and Total Process Flow Interactive Session - Not too much theoretical (theory restricted to Nuclear Fission, Chain reaction, and How to make the reactor critical. Design Criteria - BOP Regulatory Requirements and how to minimize construction time Civil and structural design, plant layout, nuclear safety requirements Electrical Concept How existing expertise in Thermal Power Plant can cope up with Nuclear Power Technology - How to bridge the gap without going to basics in engineering

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Training Programs for the year 2026-27

L&T PTI L&T POWER TRAINING INSTITUTE

S. No	Title of the Programs	Duration	Faculty	Outline
3.28	**Flexible Operation in Thermal Power Plant**	**1 - Day**	***Internal/ External***	Ramp Rate Compliance Framework, Wear , Tear Effect,2-Shift Operation
3.29	**Basic of SCR Techniques**	**1 - Day**	***Internal***	High NOx reduction meeting required emission standards for Thermal Power Plant Integrated NOx reduction Best optimization of catalysts Multiple pollutant control Long-term catalyst maintenance
3.30	**Introduction & Operation of FGD**	**1 - Day**	***Internal***	Mass balance, Design, selection and sizing calculations of FGD Training on factors affecting sizing/ efficiency of FGD system, equipment & auxiliaries Materials for FGD & selection Basic concepts, Design and sizing calculations on slurry systems including piping, valves, etc..

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04 DESIGN & ENGINEERING

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Training Programs for the year 2026-27

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S. No	Title of the Programs	Duration	Faculty	Outline
4.01	**Layout Design**	**0.5 - Day**	***Internal***	Customized
4.02	**Power Piping**	**1 - Day**	***Internal***	Types of Pipes; Pipe Materials Piping Elements / Fittings; Pipe Supports & Hangers Piping Layout Design; Pipe Rack with Tray and MS Piping Design Aspects of Power Piping Erection of Power Cycle Piping Welding of Power Piping at Project Site Pipe Welding Defects & their Testing Quality Management & Assurance for Power Piping at Project Site
4.03	**Civil Engineering for Power Project**	**0.5 - Day**	***Internal***	Design Codes Analytical and Design Software Drafting and Physical Modelling Software Relationship between Structures, Codes, Software Civil/ Structural/Architectural Aspects Site Quality Matrix & Assurance

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Training Programs for the year 2026-27

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S. No	Title of the Programs	Duration	Faculty	Outline
4.04	**Basics of Control Valve**	**1 - Day**	***External***	Understanding Valves Types Valve Co-efficient, Valve Characteristics Cavitation, Flashing & Choked Flow Conditions Control Valve Actuators – Pneumatic & Hydraulic, Operating Principles, Fail safe Conditions Control Valve Accessories
4.05	**Geometric Dimensioning & Tolerancing Fundamentals**	**1 - Day**	***External***	Creation of Engineering Drawing & Interpretation as per ASME Y14.5
4.06	**Workshop on P&ID**	**1 - Day**	***Internal***	Basics of P&ID Design KKS Coding & Equipment Numbering Systems Legends for Equipment, Instruments & Piping Acessories Interpretation of P&ID Water, Fuel, Flue Gas, Steam Circuit Tracing Exercise
4.07	**Design Selection of Heat Exchanger**	**1 - Day**	***External***	Selection & Sizing of Heat Exchangers for a Given Duty & Various methods of Analysis, Design Consideration, Application

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Training Programs for the year 2026-27

L&T PTI L&T POWER TRAINING INSTITUTE

S. No	Title of the Programs	Duration	Faculty	Outline
4.08	**Process Plant Layout Design**	**Customized**	***External***	Basic of Plant Layout Design Consideration for Plot Plan Piping Arrangements for Pumps/Vessels General Arrangements for Pipe Rack Working & Checking for Equipment Layout
4.09	**Piping Design**	**Customized**	***External***	Piping & Instrumentation Diagram Introduction to Piping Systems Applicable ASME Codes for Piping Systems Fundamental of Pipe Stress Analysis Selection of Material of Construction Testing of Piping Systems
4.10	**Advanced Software for Thermal Power Plant**	**Customized**	***External***	Power BI & Tableau for Plant Performance

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05

COMPETENCY BUILDING PROGRAMME

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Training Programs for the year 2026-27

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S. No	Title of the Programs	Duration	Faculty	Outline
5.01	**Managing Project, Productivity & Profitability(MP3)**	**2 - Days**	***Internal***	Project Cost Budgeting & Scheduling General Construction Methods / Procedures Financial Element of Cost Commodities Indices & Cost Variation Contractual/Commercial Terms & Conditions Site Productivity, Cost of Quality

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Training Programs for the year 2026-27

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S. No	Title of the Programs	Duration	Faculty	Outline
5.02	**Managing Power Project(MPP)**	**2 - Days**	***Internal***	Basic Attributes of EPC Contracts in Power Project Key Clauses in EPC Contracts for a Power Project Provision for Delay & Time Extension in EPC Contracts Project Management Techniques Interfaces with various Stakeholders Planning for Inter-functional Coordination of EPC Contracts Fixing Milestones of EPC Projects Procurement Management and Procurement Sequences Logistic Management Material Management Construction Management Managing Risk with EPC Contracts

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Training Programs for the year 2026-27

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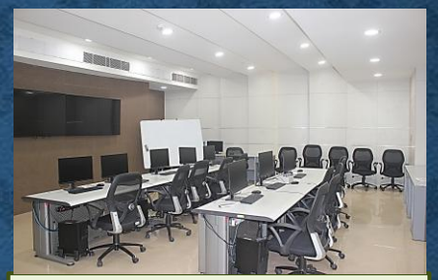
S. No	Title of the Programs	Duration	Faculty	Outline
5.03	**Power Project Execution Skill Development Programme(PPESDP)**	**Customized**	***Internal***	Engineering Mannagement Digital Skills General Management Project Management Fundamentals Power Project Execution Management Construction, Commissioinig & Close-out
5.04	**Skill Development Programs for Executives(SDPE)**	**Customized**	***Internal***	Macro Modules on Quality & Safety Vendor Management Customer Handling Skills Communication Skills Awareness of IT Tools & Digitalization Productivity Enhancement Tools PAT for Manpower Store Management Daily Work Plan

PTI'S TRAINING INFRASTRUCTURE

L&T POWER TRAINING INSTITUTE



PTI/IPM Building, KCR



Simulator Lab



Mechanical Lab



E&I Lab



Power Plant Model



TG Building Model



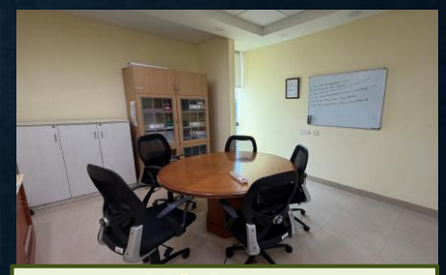
Fault Simulator Kit



Smart Classrooms



Auditorium



VC Room

L&T POWER TRAINING INSTITUTE



L&T Power Training Institute
IPM / PTI Building, 1st Floor KC Residency, Behind L&T
Knowledge City NH-8, Ajwa-Waghodia Crossing
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डेटा वर्गीकरण : प्रतिबंधित/RESTRICTED

TECHNICAL TRAINING PROGRAMS CONDUCTED IN 2026 AT POWERGRID OWN TRAINING INSTITUTIONS

Sr No	Name of Programme	Agency	Level	Functional area	Region	Start Date	End Date	Duration	Venue	Nominated	Attended	endar / Non-Calen
1	SAP Fiori and UI5 - SAP Fiori and OData Batch1	VINSYS IT SERVICES INDIA LIMITED	All Employees	ERP	CC	01-06-2026	04-06-2026	4	PAL Manesar	12	12	Calendar
2	SAP Fiori and UI5 - SAP Fiori and OData Batch2	VINSYS IT SERVICES INDIA LIMITED	All Employees	ERP	CC	08-06-2026	11-06-2026	4	PAL Manesar	12	12	Calendar
3	Hands on Training on Transmission line Patrolling through Drone	Internal	Executive	Asset Management	CC	10-06-2026	17-06-2026	8	PAL Manesar	18	8	Calendar
4	SAP Fiori and UI5 - SAP UI5 Batch1	VINSYS IT SERVICES INDIA LIMITED	All Employees	ERP	CC	22-06-2026	25-06-2026	4	PAL Manesar	13	12	Calendar
5	Process Bus Based Digital Substation Protocols	Internal	Executive	Asset Management	CC	22-06-2026	24-06-2026	3	PAL Manesar	27	19	Calendar
6	SAP Fiori and UI5 - SAP UI5 Batch2	VINSYS IT SERVICES INDIA LIMITED	All Employees	ERP	CC	06-07-2026	09-07-2026	4	PAL Manesar	17	17	Calendar
7	Hands on training on operation and control & protection aspects of HVDC systems using Real Time Simulator-HVDC C&P replica setup	Internal	Executive	Technology Development	CC	13-07-2026	15-07-2026	3	PAL Manesar	17	14	Calendar
8	Hands on Training on Transmission line Patrolling through Drone	Internal	Supervisors	Asset Management	CC	20-07-2026	25-07-2026	6	PAL Manesar	14	13	Calendar
9	Hedging strategies for managing foreign exchange rate risk	NAL Academy	All Employees	F&A	CC	27-07-2026	29-07-2026	3	PAL, Manesar	38	30	Calendar
10	Hands on training on operation and control & protection aspects of HVDC systems using Real Time Simulator-HVDC C&P replica setup	Internal	All Employees	Technology Development	CC	03-08-2026	05-08-2026	3	PAL Manesar	16	13	Calendar
11	SAP module related to current functional area(PS)	Internal	All Employees	ERP	CC	17-08-2026	19-08-2026	3	PAL Manesar	27	23	Calendar
12	Hands on training on PALMS	Internal	All Employees	Technology Development	CC	24-08-2026	25-08-2026	2	PAL Manesar	19	11	Calendar
13	SAP module related to current functional area(FICO)	Internal	All Employees	F&A	CC	07-09-2026	09-09-2026	3	PAL Manesar	34	29	Calendar
14	Hands on Training on Transmission line Patrolling through Drone	Internal	Supervisors	Asset Management	CC	14-09-2026	19-09-2026	6	PAL Manesar	7	7	Calendar
15	Networking - Basic (CCNA- Cisco Certified Network Associate)	Techsharingb Private Limited	All Employees	Data Centre	CC	21-09-2026	25-09-2026	5	PAL Manesar	31	22	Calendar
16	Hands on Training on Transmission line Patrolling through Drone	Internal	Supervisors	Asset Management	CC	05-10-2026	10-10-2026	6	PAL Manser	9	8	Calendar
17	Commercial & Regulatory Finance in POWERGRID	Internal	All Employees	Commercial, Reg. Cell	CC	12-10-2026	13-10-2026	2	PAL, Manesar	55	30	Calendar
18	System Architecture & network of upgraded NTAMC SCADA -Hitachi Systems	Internal	All Employees	NTAMC	CC	12-10-2026	13-10-2026	2	PAL, Manesar	27	21	Calendar
19	Hands-on training on foundation design including Pile foundation	Internal	All Employees	Engg TL	CC	21-10-2026	23-10-2026	3	PAL Manesar	30	20	Calendar
20	Mobile Application Development	M/s.Vinsys IT Services India Limited	All Employees	ERP & IT	CC	26-10-2026	30-10-2026	5	Pal Manesar	24	22	Calendar
21	Cyber security systems for Operation Technologies (OT)	Internal	All Employees	Asset Management	CC	26-10-2026	28-10-2026	3	PAL, Manesar	25	19	Calendar
22	Global best practices and innovation in Transmission Project and Execution	Internal	All Employees	Asset Management	CC	02-11-2026	04-11-2026	3	PAL, Manesar	32	17	Calendar
23	Threat Intelligence	M/s TNS Networking Solutions PVT. LTD.	All Employees	ISD	CC	19-05-2026	21-05-2026	3	PAL Manesar	15	15	Non-Calendar
24	Taxation including latest amendmnets in Income Tax, GST, etc.	Internal	All Employees	F&A	CC	31-07-2026	01-08-2026	2	PAL, Manesar	38	31	Non-Calendar
25	Certification Course Training for Transmission Asset Operators of RTAMC/NTAMC (Batch-17)	Internal	All Employees	NTAMC/RTAMC	CC	14-09-2026	22-09-2026	9	PAL, Manesar	27	24	Non-Calendar
26	Hands-on Training on FEM/BEM Simulation Software	M/s COMSOL	All Employees	AM/AM-TBCB, Engineering	CC	05-10-2026	09-10-2026	5	PAL, Manesar	20	14	Non-Calendar
27	Basics of Substation Protection System including hands on training	Internal	All Employees	AM/AM-TBCB	NER	07-08-2026	08-08-2026	2	PLCA, Misa	16	16	Non-Calendar
28	DPC Refresher Training program W6-S1 (2026)	Internal	Workmen	Common	SR-I	04-06-2026	06-06-2026	3	PLCA, Hyderabad	36	36	Non-Calendar
29	Hands on Training on Hotline Maintenance in Transmission Line and Substation Phase -I	Internal	All Employees	Asset Management	SR-I	08-06-2026	27-06-2026	20	PLCA, Hyderabad	29	25	Calendar
30	Tower Climbing Training for Diploma Trainees (2025-26 Batch - I)	Internal	Supervisors	AM/AM-TBCB	SR-I	16-09-2026	19-09-2026	4	PLCA, Hyderabad	33	28	Non-Calendar
31	Hands on Training of Survey Equipments Viz, Total Station, DGPS & PLS CAD including Field survey	Internal	Non-Executive	Asset Management	SR-I	24-09-2026	25-09-2026	2	PLCA, Hyderabad	26	0	Calendar
32	Safety Aspects during Construction of Substation and Tranmission Lines (including Re-conductoring works)	Internal	Non-Executive	Safety	SR-I	28-09-2026	29-09-2026	2	PLCA, Hyderabad	37	0	Calendar
33	Tower Climbing Training for Diploma Trainees	Internal	Non-Executive	AM/AM-TBCB	SR-I	06-10-2026	09-10-2026	4	PLCA, Hyderabad	31	31	Non-Calendar
34	Hands on Training on Hotline Maintenance in Transmission Line and Substation	Internal	All Employees	AM/AM-TBCB	SR-I	07-10-2026	17-11-2026	42	PLCA, Hyderabad	22	0	Non-Calendar
35	Safety Aspects during Operation & Maintenance of Substation and Transmission Lines	Internal	Non-Executive	Safety	SR-I	04-11-2026	05-11-2026	2	PLCA, Hyderabad	34	0	Calendar
36	Hands on Training on Switchyard Equipments Testing & Maintenance	Internal	Non-Executive	Asset Management	SR-II	13-07-2026	15-07-2026	3	PLCA, Hosur	17	14	Calendar
37	Hands on Training on operation of Off-line fault locator and signature analysis, TFR measurement	Internal	Non-Executive	Asset Management	SR-II	27-07-2026	29-07-2026	3	PLCA, Hosur	19	17	Calendar
38	Cyber/Information Security (Modern Threats, Attack and mitigation strategies including threat modeling)	Internal	Supervisors	ISD	SR-II	24-08-2026	26-08-2026	3	PLCA, Hosur	15	11	Calendar
39	Hands on training on Transmission Line Maintenance	Internal	All Employees	AM/AM-TBCB	SR-II	27-08-2026	29-08-2026	3	PLCA, Hosur	21	18	Non-Calendar
40	Hands on training on Transmission Line Maintenance	Internal	All Employees	AM/AM-TBCB	SR-II	31-08-2026	02-09-2026	3	PLCA, Hosur	22	20	Non-Calendar

RECIPMT TRAINING PROGRAMMES LIST

Sl. No.	Name of the Programme	Duration
	For Power Distribution Utilities	
1	Induction Training Programme (for Newly Recruited Engineers) From DISCOMS, TRANSMISSION Companies	4-5 days
2	Energy Audit and Energy Efficiency for Power Utilities.	4-5 days
3	Energy Audit & Technical Loss Reduction	4-5 days
4	Distribution Loss Reduction - Pilferage of Electricity – Issues, Challenges and Remedial Measures	4-5 days
5	Latest Trends in Metering, Billing and Collection	4-5 days
6	Smart Metering and Smart Grid	4-5 days
7	RDS Scheme and Smart Metering Technologies - Effective Implementation for Sustainable DISCOM Operation	4-5 days
8	Power Transformer: Testing, Commissioning and Protection	5 days
9	Design & Construction of Distribution Substations & Lines	5 days
10	O & M of Distribution Sub-Station & Lines	
11	Technical Specifications and Construction Standards for Distribution Systems	4-5 days
12	Power Factor Improvement and Reactive Power Management	4 days
13	Advance Distribution Management System.	4 days
14	Earthing Practices and Safety Measures for Power Utilities	5 days
15	Asset Management Practices for Power Utilities	5 days
16	Testing and Commissioning of Distribution Sub-Station and Lines	5 days
17	Operation, Maintenance and Protection Aspects of Distribution Transformers	4-5 days
18	Underground Cables – Design, Laying, Testing & Fault Detection	4 days
19	Concept to Commissioning of Solar PV Plants with Battery Energy Storage System	4-5 days
20	Advanced Metering Infrastructure (Ami) & Revenue Management System (Rms) In Distribution	4 days
21	Smart Distribution Networks: Scada, Distribution Automation and Advanced Distribution Management Systems (ADMS)	4 days

22	Smart Metering and Revenue Management System (RMS) for Discoms	4 days
23	AI Driven Transformation of Power Utilities: Distribution & Smart Grids	4 days
	For Power Transmission Utilities	
24	Condition Monitoring of EHV Substations and Lines	5 days
25	Operation and Maintenance of EHV Sub-Station and Lines	5 days
26	Design And Construction of EHV Substations & Lines	5 days
27	Design and Commissioning of Gas Insulated and Indoor Sub-stations	5 days
27	Power System Protection	5 days
28	Protection System in EHV Substations & Lines	5 days
29	Underground Cables – Design, Laying, Testing & Fault Detection	5 days
30	Regulations In Grid Management and Its Security Issues	4 days
31	Tariff Policy and Submission of ARR - Regulatory Compliance	4 days
	Power Generation Utilities	5 days
32	Concept to Commissiong of Green Hydrogen and Green Ammonia Plants	5 days
33	Concept to Commissiong of Pump Storage Plants	5 days
34	Thermal Power Plant Flexible Operations, Challenges and Best Practices	5 days
35	Regulations In Grid Management and Its Security Issues	5 days
36	Open Access, Power Trading & ABT	5 days
37	Tariff Policy and Submission of ARR - Regulatory Compliance	5 days
38	Power Trading & Energy Exchange	5 days
39	Power Purchase Agreement	5 days
40	Companies Act 2013 and Corporate Governance	5 days
41	Implementation of Goods and Services Tax (GST)	5 days
42	Thermal Power Plant Flexible Operations, Challenges and Best Practices	5 days
43	Concept to Commissioning of Solar PV Plants with Battery Energy Storage System	4 days
44	Concept to Commissiong of Green Hydrogen and Green Ammonia Plants	3 Days
45	Concept to Commissiong of Pump Storage Plants	3 Days
46	Open Access, Power Trading & ABT	3 Days

47	Power Trading & Energy Exchange	3 days
48	Power Purchase Agreement	3 days
49	Companies Act 2013 and Corporate Governance	3 days
50	Empowering The Green Energy Transition: Innovations, Policies & Best Practices	3 days
51	General Training programs for Power Sector Organisations	3 days
52	Implementation of Goods and Services Tax (GST)	3 days
53	Procurement & Supply Chain Management	3 days
54	Updates on Indian Accounting Standards and GST	4 Days
55	Ind AS (IFRS) Adoption in Power Sector	5 days
56	Finance for Non-Finance Executives	5 days
57	Technical Aspects for Non-Technical Executives	
58	Management Development Programme (For Newly Recruited Managers)	4 days
59	Noting and Drafting Skills with AI	4 days
60	Best Practices in HR Management of Power Utilities	4 days
61	General Management & Leadership Skills	4 days
62	Labor Laws - Procedures in Dealing with Court Cases	4 days
63	Personality Development, Communication & Negotiation Skill	3 days
64	Motivation, Teamwork & Stress Management	3 days
65	POSH (Prevention of Sexual Harassment)	3 days
66	Energy Audit and Energy Efficiency for Small and Medium Industries	4 days
67	Modern Underground Power Cabling: Design, Laying & Reliability Enhancement	4 days
68	Power Transformers in Practice: Testing, Protection and Condition Monitoring	4-5 days
69	Strategic Hr Management for Power Utilities: Workforce Transformation, Capability Building and Organizational Excellence	4 days
70	Modern Power Markets & Open Access: Navigating India's Evolving Electricity Trading Landscape	4 days
71	Reliability - Oriented Operation & Maintenance of Distribution Substations and Transformers	4 days
72	Contemporary PPAs and Its Transformation in India's Power Sector	4 days

73	Cybersecurity Intelligence & Risk Management for Power Utilities	4 days
74	Labour Codes & Litigation Readiness	3 days
75	Tender Document preparation, E-Procurement through GeM and Contract Management	3 days
76	Work Life balance	3 days
77	Finance Essentials for Non-Finance Executives	3 days
78	General Management and Managerial Effectiveness.	3 days
79	Technical aspects for Non-Technical Executives	3 days
80	Cybersecurity Intelligence & Risk Management	3 days
81	Procurement Procedures, E-Procurement through GeM and Contract Management	3 days
82	Finance Essentials for Non-Finance Executives	3 days
83	General Management and Managerial Effectiveness.	3 days
84	Advanced MS Excel & PowerPoint	3 days
85	Technical aspects for Non-Technical Executives	3 days
86	WELLBEING 360: Yoga-Powered Employee Wellness Programme	3 days
87	HR Policies of the Company (Webinar)	3 days
88	CDA Rules (webinar)	2 days
89	POSH Act (Classroom/Webinar)	2 days
90	Work Life balance	3 days
91	Cybersecurity Intelligence & Risk Management (Classroom/Webinar)	3 days
92	Energy Storage Systems	3 days
93	Empowering the Green Energy Transition	5 days
94	BEHAVIOURAL SAFETY For Power Utilities	3 days
95	Recent Trends and Best Practices for Power Utilities	3 days
96	Change Management, Leadership and Team Building for Power Sector Executives	3 days

COURSES OFFERED

POST GRADUATE DIPLOMA COURSE IN THERMAL POWER PLANT TECHNOLOGY

Chennai Power and Desalination Training Institute offers the Post Graduate Diploma Course in Thermal Power Plant Technology through four training programmes, combining classroom learning with laboratory, simulator and field exposure.

S.No	Programme	Duration	Eligibility	Course Coverage	Certificate Awarded
1	**6 Months Induction Training**	6 months (26 weeks)	B.E. / Diploma graduates (Mech, EEE, E&I, ECE, Chemical, Power)	Engineering fundamentals, boiler & auxiliaries, steam turbine, feed & cooling water, water treatment & desalination, generator & switchyard, C&I, BOP, O&M practice, simulator, 3-week plant attachment & project	**Post Graduate Diploma**
2	**3 Months Refresher Training**	3 months (13 weeks)	Working engineers with 2+ years of power plant experience	Supercritical boilers, turbine performance & vibration, cycle chemistry, protection & grid code, DCS, emission control, heat rate improvement, flexible operation, case studies	**Certificate of Completion**
3	**Simulator Training**	Induction: 17 days Refresher: 7 days	Induction and refresher trainees	1. **600 MW Thermal Power Plant simulator** – 12 days (induction) / 5 days (refresher) 2. **100 MW Combined Cycle Power Plant simulator** – 5 days (induction) / 2 days (refresher)	**Simulator Training Certificate**
4	**On Job Training (Sub Station)**	About 6 weeks	Electrical / EEE degree or diploma holders	1. **200/11 kV Sunguvarchatram substation** – SLD & substation tracing (1 week) 2. **110/33 kV Manali substation** – SLD & substation tracing (5 days) 3. **In-plant training in power plant** – scheme tracing (1 month)	**OJT Completion Certificate**

Programme Highlights

Training mode: Classroom lectures, laboratory practicals, full-scope simulator sessions, power plant visits and substation attachment.

Assessment: Written examination, practical / simulator performance, project report and viva voce; minimum 80% attendance.

Faculty: Experienced power plant O&M engineers, with guest faculty from power utilities and equipment manufacturers.

Chennai Power and Desalination Training Institute * Chennai-600 050 *
5 NOV 2026
5-11-2026

Ref: OMSPTRI/CEA/TRG/2026-27/1086 **Dt-6th November 2026**

From,
Shantanu Ku. Mishra
Head Academics
OMS Power Training And Research Institute
24/1/A, Chandaka Industrial Area,
KIIT Campus, Patia,
Bhubaneswar - 751024, Odisha

To,
The HRD Division
Central Electricity Authority
Wing-5, West Block-II, R.K Puram-I
New Delhi-110066

Sub:- (Details of the courses offered by Institute)

Sir,

This is in reference to above mail dated-04.11.26.

We are offering training on Thermal Power Generation (Induction course - long term 6 months and short-term Refresher course) to Degree / Diploma Engineers.

Thanking you

Shantanu Ku. Mishra
Head Academics

HRD CEA < hrdcea@nic.in >

RE: Preparation of List of Recognised Institutions and Details of Training Programmes Offered -reg.

bishwajeet.singh@psscindia.org < bishwajeet.singh@psscindia.org >

Thu, 05 Nov 2026 7:15:31 PM +0530

To "hrdcea"<hrdcea@nic.in>

Cc "'Mahi Singh'"<mpsingh.cea@nic.in>,"'Om Prakash Meena'" <opmeena.cea@gov.in>,"ceo"<ceo@psscindia.org>,"head_sd" <head_sd@psscindia.org>,"bd"<bd@psscindia.org>,"gunjan.dubey" <gunjan.dubey@psscindia.org>

Dear Sir/Madam,

With reference to the trailing mail, please find below the details of courses/training programmes offered by the Power Sector Skill Council (PSSC).

1. Sub-Sector-Wise Details of Courses/Training Programmes Offered by PSSC

A. **Generation**

S. No.	Name of Qualification	Notional Hours
1	Pipe Fitter (Power Plant)	390

B. **Transmission**

S. No.	Name of Qualification	Notional Hours
1	Technician – Power System Transmission	420
2	Jr. Fitter – Tower Erection & Stringing	600

C. **Distribution**

S. No.	Name of Qualification	Notional Hours
1	Engineer – Power Distribution	600
2	Junior Engineer – Power Distribution	600
3	Distribution Network Supervisor	570
4	Distribution Network Lineman	390
5	Attendant Sub Station (66/11, 33/11) – Power Distribution	420
6	Technician – Distribution Transformer Operation and Maintenance	480
7	Consumer Energy Meter Technician	420
8	Assistant: Electricity Meter Reader, Billing and Cash Collector	330
9	Technical Helper – Distribution	270

10	Technician – Railway Track Electrification	420
11	Jr. Technician (Smart Energy Meter)	420
12	Smart Grid Technician	480
13	Smart Meter Command Centre Operation	60
14	Smart Meter Customer Care	60
15	Smart Meter Configuration	60
16	Bijli Mistry	390
17	EV Charging Station Technician – Installation & Commissioning	450
18	EV Charging Station Technician – Operation & Maintenance	450
19	Assistant Technician – Street Light Installation and Maintenance	300
20	Electrician – Domestic Solutions	420
21	Industrial Electrician	540

D. **Green Hydrogen**

S. No.	Name of Qualification	Notional Hours
1	Hydrogen Plant Technician (Installation, Commissioning and Maintenance)	480
2	Hydrogen Plant Installation and Maintenance Supervisor	540

E. **AI & Automation**

S. No.	Name of Qualification	Notional Hours
1	AI in Green Energy Certification Program	15

F. **Safety**

S. No.	Name of Qualification	Notional Hours
1	Electrical Safety for Power & Industrial Workers (CEA approved)	90
2	Electrical Safety Officer (ESO)	To be finalised
3	Electrical Safety Training (02 Days) for Lineman & Helper in Power Distribution	15
4	Safety Training for Power Generation	15
5	Safety Training for Power Transmission	15

2. Categories/Types of Personnel Trained by PSSC

PSSC provides training to all categories of personnel across the Power Sector, including Executives (Managers and Engineers), Supervisors (Junior Engineers), Technicians (Linemen, Fitters, Operators and Electricians), Helpers, and other skilled and semi-skilled technical personnel engaged in various activities across Generation, Transmission, Distribution and other segments of the Power Sector.

The above information is submitted for your kind consideration

Thanks & Regards

Bishwajeet Singh | Manager – BD

Power Sector Skill Council
B – 17, Qutab Institutional Area,
New Delhi – 110 016
Bishwajeet.singh@psscindia.org
+91-72092 17357
Direct: +91-11-4079 3152
Website: **www.psscindia.org**

From: HRD CEA <hrdcea@nic.in>
Sent: 04 November 2026 17:27
To: HRD CEA <hrdcea@nic.in>
Cc: Mahi Singh <mpsingh.cea@nic.in>; Om Prakash Meena <opmeena.cea@gov.in>
Subject: Preparation of List of Recognised Institutions and Details of Training Programmes Offered -reg.

Sir/Madam,

It is requested to kindly furnish the details of the courses being offered by your institute, for hosting on the CEA website.

Further, information regarding the category/type of personnel trained by your institute may also kindly be provided.

The information may please be furnished at the earliest.

Thanks & Regards,
Human Resource Development Division | मानव संसाधन विकास प्रभाग
Central Electricity Authority | केन्द्रीय विद्युत प्राधिकरण
Ministry of Power | विद्युत मंत्रालय
Government of India | भारत सरकार
Email: hrdcea@nic.in
Ph: 011 26732020

TRAINING PROGRAMS CONDUCTED BY CETD

Training Programmes to Engineers:

1) 3 months Induction Training to the newly recruited Assistant Engineers of TGGENCO.
2) 45 days Refresher Training programme to the Assistant Engineer (Electrical/Mechanical/Electronics/Civil) of TGGENCO.
3) 30 days/4 weeks Refresher Training to the untrained Assistant Engineers(appointed by transfer)(Electrical/Mechanical/Electronics/ Computers) of TGGENCO.
4) 1 month Refresher Training to the Sub-Engineers(Elect, Mech & Mining)
5) Two days/Three days trainings on SAP in different modules like PM/MM/PS/FICO/Payrolls etc.
6) One day training on FLM Module.
7) 3 days Training programme on “Electrical Safety in Power Generation" in thermal power station sponsored by M/s RECIPMT Ltd.
8) 3 day workshop on “Total Stations” to the Civil Engineers.
9) 2 days Seminar on "Basic Level Vibration Analysis Course (Root cause analysis, Rectification methods, Alignment and Balancing)".
10) 2 days Seminar on “Service regulations including conduct regulations, Leave Regulations e.t.c".
11) 2 days Seminar on "Vibration Analysis on rotating machines".
12) Two days Seminar on "Water Chemistry for Super Critical Boilers".
13) Two day workshop on “ Modern Instrumentation for surveying (Drone, EDM, Total station Applications).
14) One day training programme on “Flexible Operations of Thermal Power plants”.
15) One day Workshop on “Energy Performance Assessment' & 'Heat Rate optimisation of Boilers”.
16) One day Seminar on “Power Purchase Agreements of Thermal Power Plants, ABT, Thermal Power Plant Tariff Structure and dynamic variables influencing the tariff & the Economics of Power Generation".

17) One day Seminar on "Power Purchase Agreements of Hydel Power Plants, ABT, Hydel Power Plant Tariff Structure and dynamic variables influencing the tariff & the Economics of Power Generation".
18) One day seminar on "Super Critical Technology - Design, Operation and Controls".
19) One day Training program on "Quality Management Systems (QMS)".
20) One day Training program on "Integrated Management Systems (IMS)".
21) One day Training programme on "Microsoft Power point".
22) One Day Training programme on "Performance Evaluation of Main equipment and Heat Rate improvement in Thermal Power Plant".
23) One day Training Program on "Reliability aspects of equipment maintenance including reliability centered maintenance".
24) One day Seminar on "Storage and Safe handling of Hydrogen and Liquid Chlorine".
25) One day workshop on "Need of Primary Frequency Response Testing (PFR)"
26) One day workshop on "Black Start Restoration Procedures of Telangana".
27) One day workshop on "General First Aid" along with certification.
28) One day seminar on "Disaster Management ".
29) 10 days full time /20days part time Training on MS Office 2007 applications like Word/Excel/Power Point with exploration on Windows 10 Operating System.
30) One day Seminar on "Construction of Hydel projects, flood scenario of Srisailam power houses and pumped storage in brief"
31) One day training on" Labour laws, Trade union Acts, Industrial relations, legal proceedings of TGGENCO (Administrative law & Basic terminology of law)"
32) One day Training on " Renewable Energy Resources"
33) One day Training programme on " CEA regulations, best Earthing practices to be implemented for different Electrical Installation, Safety in O&M: Procedure, safety documentation (LWC/PTW(ROMP)/SFT).
34) One day Training programe on " Contracts and Material management, Project management, Financing and execution, Sustainability, Society, Environment and Ecosystem (SSEE), Mission life, Resource management".

35) One day Training programme on " Eartquake resistant design of structure (concrete & safety structures)".

36) One day Training programme on " Industrial pollution Control & Environment aspects"

37) One day Training programme on " Fibre composites and rehabitation of structural elements".

38) One day Training programme on " IOT Applications towards Civil Engineering".

39) One day seminar on " Advanced concrete".

40) One day Seminar on " Flue Gas Desulphurisation- plant (Construction & Maintenance)".

41) One day seminar on " APSEB Bifurcations setup functions from Power Generation to consumers etc.,"

42) One day Seminar on " Guaging & Flood Forecasting"

43) One day Seminar on " IS Nations Building codes and plane & RCC works (field criteria)".

44) One day Seminar on "Combustion of Fuels to avoid Clinker Formation and Flexible Operation Up to 55% - 40%".

45) One day Seminar on "Critical parameters to be observed- Boiler & Turbine; Location wise precautions to be taken on Boiler and Turbine side"

46) One day Seminar on "Case studies-Boiler Tube Failures; Ash Handling System (Identifying Ash Accumulation, Clinker formation and Ash Disposal)"

47) One day Seminar on "Coal chemistry for Super Critical boilers"

48) One day seminar on "Reliability of all C&I systems, C&I Audits, SOP,SMP, Root cause analysis and case studies"

Simulator Training Programs on 270/500/800 MW

1. Twelve days Simulator training programme on 800 MW Simulator
2. One week Simulator training programme on 800 MW Simulator
3. One week Simulator training programme on 500 MW
4. One week Simulator training programme on 270 MW Simulator
5. One day training programme on "Flexible Operations of Thermal Power plants" on 800 MW Simulator.

IT Training Programs:

1) Corporate training on SAPUI5/FIORI and SAP Workflow.
2) 1 week Computer Training on "Auto CAD"
3) 1 week Computer Training on "Staad Pro".
4) 1 week Computer Training on "Network Essentials & Advanced Network Administration/ Computer Hardware/Cyber Security Essentials".
5) One day Seminar on "Awareness programme on Cyber Security"

Training Programmes to Chemists:

1) Two days Seminar on "Water Chemistry for Super Critical Boilers".
2) One day Seminar on "Storage and Safe handling of Hydrogen and Liquid Chlorine".

Training Programmes to Accounts staff:

1) 6 weeks Induction Training to the JAOs.
2) 2 weeks induction Training Programme on "Accounts & Service Matters" to the newly recruited Jr.Assistants of TGGENCO.
3) Two days Seminar Programme on "Accounting Standards (Ind, AS)"
4) One day Training on " Basic Concepts of GST".
5) One day Training on " Basic Concepts of Income Tax".
6) One day Training program on "Awareness grievances on EPF Higher Pension".
7) 10 days full time /20days part time Training on MS Office 2007 applications like Word/Excel/Power Point with exploration on Windows 10 Operating System.

Training Programmes to P&G staff:

1) 5 days Refresher training programme to the AM/HR.
2) Two days/Three days trainings on SAP in different modules like FLM/PM/MM/PS/FICO/Payrolls etc.

Training Programmes to Fire Services:

1) 10 days Training on DRILLS ORGANIZING & PRACTICE(DOP) to the fireman.
2) 1 week Refresher course on Fire & Safety to Fire Service Personnel.
3) Two days/Three days trainings on SAP in different modules like FLM/PM/MM/PS/FICO/Payrolls etc.

Training Programmes to O&M staff:

1) 2 weeks thermal Power Plant Familiarization Induction Training to JPAs
2) 1 week Refresher course on 33/11 KV SS,HT/LT Distribution system.
3) 6 Days/One Week Refresher Training Programme on Operation & Maintenance of "Hydel Power Plants" to the O&M staff.
4) 10 days full time /20days part time Training on MS Office 2007 applications like Word/Excel/Power Point with exploration on Windows 10 Operating System.

Management Training Programs to all the employees of TGGENCO:

1) One day Management Training on "Joy of work, stress Management, Development of right attitude".
2) One day management training on "Professional Etiquettes, Development of right attitude and how to become number one".
3) One day Motivation and Health awareness Trainings.
4) One day Management seminar on "Peak Performance, productivity and Stellar Relationships".
5) One day workshop on "The Day your Life Turns Around".
6) One day Training programme on" Values and work culture, conflict Management & Team building"
7) Two day Seminar on " Service, conduct, leave regulations & Terminal benefits"

8) One day Training programme on "Inter personal skills, public speaking, creativity and Communication skills".

05/11/26

I/c Chief Engineer/CETD
TGGENCO::Paloncha

HRD CEA < hrdcea@nic.in >

Re: Preparation of List of Recognised Institutions and Details of Training Programmes Offered -reg.

Mpez Training < mpez.training@gmail.com >

Thu, 05 Nov 2026 3:19:10 PM +0530

To "hrdcea"<hrdcea@nic.in>

Cc "Mahi Singh"<mpsingh.cea@nic.in>,"Om Prakash Meena" <opmeena.cea@gov.in>

Dear Sir/Madam,

With reference to your request regarding the submission of institute details, please find the required information concerning the courses offered and the categories of personnel trained at the **Central Training Institute (CTI), Madhya Pradesh Poorv Kshetra Vidyut Vitaran Com Ltd Jabalpur,** detailed below:

1. Training Courses Offered

Sr. No.	Courses Offered	Course Duration
1	Engineer (Electrical-Distribution)	2 Months
2	Engineer (Civil-Distribution)	2 Months
3	Engineer (IT)	2 Months
4	Testing Assistant (Distribution)	1 Month
5	Line Attendant (Distribution)	1 Month
6	Office Assistant	1 Month
7	Outsource Employees Safety	2 Days
8	Vocational Training of College students	Min- 01 Weeks Max- 12 Weeks

2. Category / Type of Personnel Trained

Sr. No.	Category / Type of Personnel Trained	Minimum Qualification
1	Assistant Engineer (Electrical)	B.E. (Electrical)
2	Assistant Engineer (Civil)	B.E. (Civil)
3	Assistant Engineer (IT)	B.E. (CSE/IT)
4	Junior Engineer (Electrical)	Diploma (Electrical Engineering)
5	Junior Engineer (Civil)	Diploma (Civil Engineering)
6	Testing Assistant (Distribution)	Diploma (Electrical Engineering)
7	Lineman (Distribution)	ITI (Electrician)

8	Office Assistant	Graduate and CPCT
9	Outsource Employee	10th

On Wed, Nov 4, 2026 at 5:27 PM HRD CEA <hrdcea@nic.in> wrote:

--

Thanks and Regards: -
Central Training Institute

Madhya Pradesh Poorv Kshetra Vidyut Vitaran Company Limited
Phone: 0761-2660038, 2970571
Website: www.mpez.co.in/cti/

Address: SPB-2, Nayagaon, Rampur, Jabalpur-482008

"Transforming Potential into Success"



> Sir/Madam,
>
> It is requested to kindly furnish the details of the courses being offered by your institute, for hosting on the CEA website.
>
> Further, information regarding the category/type of personnel trained by your institute may also kindly be provided.
>
> The information may please be furnished at the earliest.
>
> Thanks & Regards,
> Human Resource Development Division | मानव संसाधन विकास प्रभाग
> Central Electricity Authority | केन्द्रीय विद्युत प्राधिकरण
> Ministry of Power | विद्युत मंत्रालय
> Government of India | भारत सरकार
> Email: hrdcea@nic.in
> Ph: 011 26732020

DVC TRAINING INSTITUTE

CHANDRAPURA :: JHARKHAND

TRAINING TOPICS FOR FINANCIAL YR. 2026 – 2027

LIST OF TRAINING PROGRAMMES & WORKSHOPS CONDUCTED AT DVC TRAINING INSTITUTE, CHANDRAPURA:

A. SHORT TERM TRAINING PROGRAM			
Sl.no.	Programme Title	**Day**	Participants Profile
Technical Stream (Generation - Thermal & Hydel Power Plant)			
1	PLCC & SCADA System in DVC	1	GR A/B
2	Turbine & Auxiliaries, Best O&M Practice	1	GR A/B
3	Condition Monitoring, Vibration Control & Signature Analysis	1	GR A/B
4	ESP O&M Practice	1	GR A/B
5	Powerhouse Control & Instrumentation Systems (O&M Aspects and Case Studies) (210/250/500/600 MW Units)	1	GR A/B
6	Smart Coal Logistics and Fuel Management System	1	GR A/B
7	Smart Coal Sampling and Laboratory Analysis: Improving Fuel Quality and Boiler Efficiency	1	GR A/B
8			
Technical Stream (Transmission & Distribution)			
1	Advance/ Smart Metering, Tamper Detection, Wireless Transmission & Data Analysis	1	GR A/B
2	Practicing Energy Conservation	1	GR A/B
3	Modern Trends of Transmission Line Maintenance Practices	1	GR A/B
4	Overview of New CERC Tariff Norms for 2024-29	1	GR A/B
5	From Load Dispatch to Legacy: Creating a Mark Beyond Numbers	1	GR A/B
6	Harnessing the potential Power Trading	1	GR A/B
7	Diagnostic approach for maintenance of Electrical Rotating equipment in power stations	1	GR A/B
Power Management			
1	DVC Act and Service regulations & and its amendments	1	GR A/B
2	Code of conduct for DVC		
3	Art of leadership & Inspiring others	1	GR A/B
4	Commercial Aspects related with DVC power vertical.	1	GR A/B
5	Developing Strategic Leadership	1	GR A/B
6	Go Live - SAP (Hands-on ERP Application)	1	GR A/B
7	Industrial Safety	1	GR A/B
8	Employee's Provident Fund (EPF) Act and Employees' State Insurance (ESI) Act	1	GR A/B
9	Developing Habit of Safety at Industry & Home	1	GR A/B
10	Why to remain Motivated at Workplace & Home	1	GR A/B
11	Budgeting & Delegation of Financial & Administrative Power	1	GR A/B
12	e-Procurement & Contract Management in DVC	1	GR A/B
13	Unlocking Your Potential & Self-Motivation	1	GR A/B
14	Public Premises (Eviction of Unauthorized Occupants) Act-1971	1	GR A/B
15	Green Technologies: Shaping a Sustainable Tomorrow	1	GR A/B
16	Inventory Control & Management	1	GR A/B
17	Prioritizing Industrial Safety	1	GR A/B
Computer Training			
1	Microsoft 365 & OneDrive Essentials	1	GR A/B
MEDICAL STREAM			
1	Food that heals and Food that Harms/ Healthy habits	1	GR A/B/C/D
2	Measures taken to improve the Lifestyle	1	GR A/B
3	Preventive Measures taken from Heat Stroke	1	GR A/B
4	Improving our Lifestyle/How to Glow When you are feeling Low	1	GR A/B
5	Occupational Health and Measures taken to improve Lifestyle	1	GR A/B
6	Occupational Health - (Health & Well-Being in the Workplace)	1	GR A/B/C
HINDI / RAJBHASHA STREAM			
1	कार्यक्षेत्र में राजभाषा का प्रयोग	1	GR A/B
2	सूचना प्राद्यौगिकी में हिंदी उपयोग की समस्या व समाधान	1	GR A/B
3	आधुनिक प्रगति के संबंध में राजभाषा के प्रचार प्रसार का महत्व	1	GR A/B

B. ADDITIONAL SHORT TERM TRAINING			
1	Awareness of Safety	1	ITI Students

2	Skill Development Programs	1	Casual Labours	11
3	Quality Control process and its importance in DVC	1	Gr. A/B	
4	Power of Yoga and Meditation for a Healthy Mind and Body	1	Gr. A/B	
5	First Aid	1	Gr. A/B/C/D	
6	Financial & Emotional Prudence	1	Gr. A/B	
7	BE 10X in Life: Master your Time, Excel at Work, Nature Your Family & Protect Your Health	1	Gr. A/B	
C. WORKSHOP				
1	Operation & Efficiency Practices	1	GR A/B	
2	Deep digging in mysteries of Turbine & its Auxiliaries O&M Practice and Governing System	1	GR A/B	
3	Efficiency Improvement of Generation Parameters	1	GR A/B	

D. ADDITIONAL WORKSHOP			
1	Power of Yoga and Meditation for a Healthy Mind and Body	1	GR A/B
2	Energy Efficiency in Power Sector	1	GR A/B
3	Basic Life Support	1	GR A/B/C
4	HMS Training Phase-II for DVC Hospital Employees	1	GR A/B
5	HMS Training Phase-II for DVC Hospital Employees	1	GR A/B
6	HMS Training Phase-II for DVC Hospital Employees	1	GR A/B
7	HMS Training Phase-II for DVC Hospital Employees	1	GR A/B
8	HMS Training Phase-II for DVC Hospital Employees	1	GR A/B
9	HMS Training Phase-II for DVC Hospital Employees	1	GR A/B
10	HMS Training Phase-II for DVC Hospital Employees	1	GR A/B
11	HMS Training Phase-II for DVC Hospital Employees	1	GR A/B
12	POSH Awareness Programme	1	GR A/B
13	Electrical Safety	1	GR A/B
14	Water Chemistry for Drum Type Boiler & Deposition in Steam Path - Chemistry Related	1	GR A/B

E. Long Term Training			
1	Induction Training Program for Recently Promoted B5 to M1 Level Employees.	23	GR A

DVC TRAINING INSTITUTE

CHANDRAPURA :: JHARKHAND

TRAINING TOPICS FOR FINANCIAL YR. 2025 – 2026

LIST OF TRAINING PROGRAMMES & WORKSHOPS CONDUCTED AT DVC TRAINING INSTITUTE, CHANDRAPURA:

A. SHORT TERM TRAINING PROGRAM			
Sl.no.	Programme Title	**Day**	Participants Profile
Technical Stream (Generation - Thermal & Hydel Power Plant)			
1	Boiler & Auxiliaries O&M Practice (250/500/600 MW Units)	1	GR A/B
2	Turbine & its Auxiliaries O&M Practice (250/500/600 MW Units)	1	GR A/B
3	Fuel Management System (The Standard Practices from coal mining its storage dispatch, receipt at powerhouse and its best use at lowest landed cost)	2	GR A/B
4	Condition Monitoring, Vibration Control & Signature Analysis	1	GR A/B
5	Analysis of Coal	1	GR A/B
6	Coal Sampling & Preparation	1	GR A/B
7	Unit Light Up and Synchronization	1	GR A/B
8	Hot And Cold Light Up		
Technical Stream (Transmission & Distribution)			
1	Overview of New CERC Tariff Norm 2024-29	1	GR A/B
2	Energy Conservation	1	GR A/B
3	Modern Trends of Transmission line Maintenance Practices	2	GR A/B
4	Designing Of Transmission Line Survey	1	GR A/B
5	Designing of Sub-Station Statutory Compliance for Laying of Trans Eave	1	GR A/B
6	From Load Dispatch to Legacy: Creating a Mark Beyond Numbers	2	GR A/B
7	Harnessing the potential Power Trading	1	GR A/B
8	Knowing Regulatory Norms, reforms and Grid Operation & Control	1	GR A/B
9	Smart Meatering	1	GR A/B
Power Management			
1	Role of Corporate Governance in a Business	2	GR A/B
2	Becoming Negotiation Genius	1	GR A
3	Art of Leadership	1	GR A
4	Converting Stress into Management	1	GR A
5	Embracing Change Management	1	GR A
6	Financial & Emotional Prudence	1	GR A/B
7	Motivation & Positive Attitude	1	GR A/B
8	Decoding Right to Information Act (RTI)	1	GR A/B
9	1988 Acts & Purview/ Understanding Agreed List	1	GR A/B
10	Environment Management & Pollution Control (EMPC) & Environmental Impact Assessment (EIA)	2	GR A/B
11	Handling labour disputes and agencies involved	1	GR A
12	Organizational Behaviour & Best HR Public Practices	1	GR A/B
13	Practicing Energy Conservation	1	GR A/B
14	Developing Habit of Safety at Industry & Home	1	GR A/B
15	Converting Distress into Eustress	1	GR A/B
16	Budgeting & Delegation of Financial & Administrative Power		
17	How effective Team works	1	GR A/B
18	Mastering Emotional Intelligence	1	GR A/B
19	Factory Acts & Rules	1	GR A/B
20	Indian Labour Codes		
21	Public Premises (Eviction of Unauthorized Occupants) Act-1971	1	GR A/B
22	Transfer Property Act	1	GR A/B
23	Inventory Control & Management	1	GR A/B
24	Prioritizing Industrial Safety	1	GR A/B
25	Green Technologies: The Necessity ahead	1	GR A/B
26	ESG Aspects in Modern Power Sector		
Computer Training			
1	MS Office (i. MS-Word, ii. MS -Excel & iii. MS –Power Point) and essential Software	2	GR B
MEDICAL STREAM			
1	Heart Health Disease & Prevention	1	GR A/B
2	Lifestyle for longevity	1	GR A/B
3	Decoding the mysteries of Health and Happiness	1	GR A/B
4	Improving Lifestyle for Maximizing Potential	1	GR A/B

HINDI / RAJBHASHA STREAM			
1	कार्यक्षेत्र में राजभाशा का प्रयोग	1	GR A/B
2	सुचना प्रोद्योगिकी में हिंदी उपयोग की समस्या व समाधान	1	GR A/B

B. ADDITIONAL SHORT TERM TRAINING			
1	Corporate Social responsibility or Corporate Opportunity?? CSR in new perspective	2	GR A
2	Women Health (Female Health & Hygiene)	1	GR A/B & Villagers (women)
3	Powering the Nation, Empowering Ourselves	1	GR. A/B
4	Navigating the Path to a Successful Promotion Interview	2	GR A
5	Leadership in a Sector that Never Sleeps	2	GR. A
6	Safety, Sustainability & Service: The Trifecta of Purpose	2	GR. A/B
7	Digitalization, AI & The Future of Power: Staying Ahead of the Curve	2	GR. A/B
8	Hearing to Listening: You Are the Face of Power: Personal Excellence in Public Service	1	GR. A/B
9	Interactive Session for Newly Joined ETs & Doctors	1	GR. A/B
10	Career Counselling Camp By Training & Development Deptt. Bokaro Thermal, Jharkhand Govt.	1	ITI Students (1 days)
11	Basics of ERP Training	1	GR. A/B
12	GO Live In SAP	2	GR. A/B
13	World Computer Literacy Day By CSR, DVC, CTPS	1	DVC ITI & DVC H.S
14	World's Aids Day by CSR, DVC, CTPS	1	DVC ITI & DVC H.S
15	Remedial & Reinforcement Classes for Science Students (10th, 11th & 12th)	1	DVC H.S
16	Rainwater Harvesting	1	GR A/B
17	Civil Practices in Thermal Power Plant	1	GR A/B
18	The Role of Yoga in Preventing Workplace Burnout	1	GR A/B
19	Strengthening Professional Responsibility, Communication Skills, and Healthy Living for Organisational Excellence	2	For B4 to B5 Promoted Emp. Gr.B
20	Go Live – SAP (Handsome Practices)	1	GR A/B
21	Survey and Designing of Transmission Line	1	GR A/B
22	Training Program for B5 Level employees (For Promotion to M1 Level)	2	GR. B
23	Pre-Promotional Training Program for B5 Level Employees (For Promotion to M1 Level) i. Thermal Power Plant Familiarization, ii. How to Face Interview	2	GR. B
24	Emotional Intelligence and Leadership	1	GR A/B
25	Importance of Enhancing Human Factors		
26	Go Live - SAP (Handsome Practices)	1	GR A/B
27	Boot Camp for Promoted Employees from M1 to M2 Level	2	GR A/B

C. WORKSHOP			
1	Ethics & Value Driven Leadership	1	GR A/B
2	Governing System (210/250/500/600MW Units) O&M Aspects	1	GR A/B
3	Operational Safety of Transmission & Distribution(T&D)	1	GR A/B
4	Disaster Management of Transmission & Distribution (T&D)	1	GR A/B
5	Power of Yoga and Meditation for a Healthy Mind and Body	1	GR A/B
6	Why to remain Motivated at Workplace & Home	1	GR A/B
7	Efficiency Improvement of Generation Parameters	1	GR A/B

D. ADDITIONAL WORKSHOP			
1	AI Training (White Belt) Batch - I	1	GR A
2	AI Training (White Belt) – Batch - II	1	GR A
3	AI Training (White Belt) - Batch – III	1	GR A
4	AI Training (White Belt) – Batch - IV	1	GR A
5	AI Training (White Belt) – Batch - V	1	GR A
6	Basic IT Training for Medical Staff of DVC Hospitals (Batch - I)	3	GR B
7	Basic IT Training for Medical Staff of DVC Hospitals (Batch - II)	3	GR B
8	Basic IT Training for Medical Staff of DVC Hospitals (Batch - III)	3	GR B
9	Basic IT Training for Medical Staff of DVC Hospitals (Batch - IV)	3	GR B
10	Basic IT Training for Medical Staff of DVC Hospitals (Batch - V)	3	GR B

11	ERP Training (SAP MM + SAP PM + SAP QM + SAP EHS) - (Batch-I)	5	GR A/B
12	ERP Training (SAP MM + SAP PM + SAP QM + SAP EHS) - (Batch-II)	5	GR A/B
13	ERP Training (SAP MM + SAP PM + SAP QM + SAP EHS) - (Batch-III)	5	GR A/B
14	ISO Workshop By Deloitte	1	GR A
15	HMIS Training for Medical employees (Batch - I)	1	GR A/B (Medical)
16	HMIS Training for Medical employees (Batch - II)	1	GR A/B (Medical)
17	HMIS Training for Medical employees (Batch - III)	1	GR A/B (Medical)
18	HMIS Training for Medical employees (Batch - IV)	1	GR A/B (Medical)
19	HMIS Training for Medical employees (Batch - V)	1	GR A/B (Medical)
20	HMIS Training for Medical employees (Batch - VI)	1	GR A/B (Medical)
21	Anti Bribery Management System (ISO: 37001) By Shri Rajeev Gupta from M/s ALLIED BOSTON	1	GR A
22	Mentor-Mentee Excellence	1	GR A/B
23	4th Batch Plant Maintenance Module (Training)-ERP-SAP	5	GR A/B
24	Plant Maintenance Module (Training)-ERP-SAP	5	GR A/B
25	Rastriya Karm Yogi Large Scale Training – Phase -I	1	GR A/B
26	Rastriya Karm Yogi Large Scale Training – Phase -II	1	GR A/B
27	Rastriya Karm Yogi Large Scale Training – Phase -III	1	GR A/B
28	How Effective Team Works	1	ITI Students
29	Mastering Emotional Intelligence		
30	Rastriya Karm Yogi Jan Seva Large Scale Intervention Phase-II	1	GR A (M-6 – M9)
31	AI (Yellow Belt) Batch -I	1	GR A
32	AI (Yellow Belt) Batch -II	1	GR A
33	AI (Yellow Belt) Batch -I	1	GR A
34	AI (Yellow Belt) Batch -II	1	GR A
35	Special Campaign on Labour Codes Awareness	1	GR A/B
36	Awareness Health Program	1	GR. A/B, CISF, ITI Students
37	Health & Financial Planning for Retired Life	1	GR A/B
38	Town Hall Meeting	1	GR A/B
39	Basic IT Training for DVC Medical Staff Batch-VI	3	GR B
40	Basic IT Training for DVC Medical Staff Batch-VII	3	GR B
41	Basic IT Training for DVC Medical Staff Batch-VIII	3	GR B
42	Managing Self (Good Vs Great), Budgeting your Time & Effort, How to Measure your Life	1	GR A/B
22	Emotional Intelligence & Well- Being	1	Gr. A/B For CISF
23	AI Training (Yellow Belt) Batch 3	1	GR A
24	AI Training (Yellow Belt) Batch 4	1	GR A
25	AI Training (Yellow Belt) Batch 3	1	GR A
26	AI Training (Yellow Belt) Batch 4	1	GR A

DVC TRAINING INSTITUTE

CHANDRAPURA :: JHARKHAND

TRAINING TOPICS FOR FINANCIAL YR. 2024 – 2025

LIST OF TRAINING PROGRAMMES & WORKSHOPS CONDUCTED AT DTI, CHANDRAPURA:

A. SHORT TERM TRAINING PROGRAM			
Sl.no.	Programme Title	**Day**	Participants Profile
Technical Stream (Generation - Thermal & Hydel Power Plant)			
1	Power House Control & Instrumentation Systems (O&M Aspects and Case Studies) (210/250/500/600 MW Units)	2	GR A/B
2	Analysis of Coal	1	GR A/B
3	Coal Sampling & Preparation	1	GR A/B
4	Electrical Earthing System	1	GR A/B
5	Boiler & Auxiliaries O&M Practice(250/500/600 MW Units)	1	GR A/B
6	Condition Monitoring, Vibration Control & Signature Analysis	2	GR A/B
7	Fuel Management System	2	GR A/B
8	O&M Practices of Hydel Power Plant	1	GR A/B
9	Governing System of Hydro Power Generation	1	GR A/B
Technical Stream (Transmission & Distribution)			
1	Electrical Earthing System	1	GR A/B
2	Energy Conservation	1	GR A/B
3	Load Dispatch Systems in DVC	1	GR A/B
4	Transmission & Distribution (T&D) Systems	1	GR A/B
5	Electrical Safety	1	GR A/B
6	Energy Management in TPP	1	GR A/B
7	ESP O&M Practice	1	GR A/B
8	Electrical System & Layout of 500 MW Power Plant	1	GR A/B
Power Management			
1	Industrial Safety	1	GR A/B
2	Safety and Health at WorkPlace	1	GR A/B
3	DVC Acts 1948 & DVC Rules & Regulations	1	GR A/B
4	DVC Conduct Regulations	1	GR A/B
5	Vigilance awareness for Day to day working in DVC	1	GR A/B
6	Disciplinary Procedures	1	GR A/B
7	Public Premises (Eviction of Unauthorized Occupants) Act-1971	1	GR A/B
8	Transfer of Property Act	1	GR A/B
9	Right to Information Act (RTI)	1	GR A/B
10	Prevention of Corruption Acts	1	GR A/B
11	Sexual Harassment Act-2013	1	GR A/B
12	Maternity Benefit Act	1	GR A/B
13	Environment Management & Pollution Control (EMPC) & Environmental Impact Assessment (EIA)	2	GR A/B
14	e- Procurement & Contract Management in DVC	1	GR A/B
15	Basics of e-tendering systems in DVC	1	GR A/B
16	Employee's Provident Fund (EPF)	1	GR A/B
17	Employees' State Insurance (ESI) and Labour Laws	1	GR A/B
18	EBA Practices in DVC including e-office.	2	GR A/B
19	Material Management	1	GR A/B
20	Inventory Control & Management	1	GR A/B
21	Values and Ethics in Administration	1	GR A/B
22	Communication Skill	1	GR A/B
23	Electricity Act-2003 & CERC Regulation	1	GR A/B
24	Positive Attitude	1	GR A/B
25	Motivation	1	GR A/B
26	Budgeting Financial & Administrative Power	2	GR A/B
27	Factory Acts & Rules	1	GR A/B
28	Preventive Vigilance	1	GR A/B
Computer Training			
1	i. MS-Word, ii. MS -Excel & iii. MS –Power Point	2	GR B
MEDICAL STREAM			

DVC- Internal

1	Basic Life Support	2	GR A/B
2	Occupational Health	1	GR A/B
3	Cognitive Behavioral Therapy for Depression	1	GR A/B
4	General Ailment & Preventive Measures	1	GR A/B
5	General Awareness & Remedial On HIV/AIDS	1	GR A/B

	HINDI / RAJBHASHA STREAM		
1	कार्यक्षेत्र में राजभाशा का प्रयोग	1	GR A/B
2	सुचना प्रोद्योगिकी में हिंदी उपयोग की समस्या व समाधान	1	GR A/B
3	राजभाशा का कार्यावरण – दषा, दिषा और चुनौतियाँ	1	GR A/B
4	कार्यालयीन अनुवाद और समस्या समाधान	1	GR A/B
5	आधुनिक प्रगति के सम्बंध में राजभाशा के प्रचार प्रसार का महत्व	1	GR A/B
6	भाशा, समाज एवं व्यक्तित्व विकास	1	GR A/B
7	राजभाशा हिन्दी और हमारा उत्तरदायित्य	1	GR A/B
8	आधुनिक परिदृष्य में राजभाशा की प्रासंगिकता	1	GR A/B

	D. ADDITIONAL SHORT TERM TRAINING		
1	Cardio Pulmonary Resuscitation (CPR)	1	GR A/B
2	Preventive Measures for Health	1	GR A/B
3	Understanding the role and Skillful discharging duties	1	Sr. PA, PS, APS….
4	Basic Understandings of Welding	2	GR. B/C
5	Understanding ABC Analysis, EBA function of Store and other store	2	GR. B/C
6	Grievance, Discipline and Conflict Resolution	2	GR. A/B
7	Ethics & Governances	1	GR. A/B
8	Efficient and Hassel free work during O&M of CHP	1	GR. A/B
9	Effective, Efficient and Cleanliness for Health workers	1	GR. A/B
10	Basics of Safety and Accident Prevention in O&M of Plants	2	GR. A/B
11	Impact of Positive Attitude on Productivity of Life	1	GR. A/B
12	Preparation of Effective Presentation using Communication Tools	1	GR. A/B
13	Impact on Human Body of Mobile Use and its Safety Measures	1	GR. A/B
14	DVC Acts 1948, DVC Rules & Service Regulations, DVC Conduct Regulations	1	GR. A/B
15	Motivation on Safety	1	GR. A/B/C
16	Mantrap Rescue Operation from Passengers Lift/Elevator	1	GR. A/B/C
17	Soft Skill	1	ITI Students
18	Physics, Chemistry and Math	1	ITI Students
19	General Ability Test	1	ITI Students
20	Importance of Mental Health in the Workplace	1	GR. A/B
21	Awareness on Chronic Disease	1	GR. A/B

	B. WORKSHOP		
1	Ethics & Value Driven Leadership	2	GR A/B
2	Improving Work culture through Motivation		GR A/B
3	Yoga and Meditation		GR A/B
4	O&M Aspects of Generator & Auxiliaries including Excitation Systems	2	GR A/B
5	Boiler Tube Leakage; Causes & Remedies	1	GR A/B
6	Water Management; Pre-Treatment & Boiler Water Conditioning	1	GR A/B
7	Water Conservation & Water Balance in TPP	1	GR A/B

	C. ADDITIONAL WORKSHOP		
1	Fire Safety & Demonstration Conducted by CISF, CTPS	1	ITI Students
2	Plastic Engineering & Technology By CIPET, Ranchi	1	ITI Students
3	Running, Maintenance proper use of Fire Equipment and Fire Safety	1	Gr. B/C/D
4	"250 MW Hydro Simulator" at NPTI Shivpuri	5	GR A/B
5	व्यावसायिक प्रषिक्षुओं के बीच नैगम सामाजिक दायित्व (सीएसआर) गतिविधियों को बढवा देने के लिए अभिविन्यास कार्य{म	1	Vocational Trainees
6	SCADA & SMART GRID / Transmission & Distribution (T&D) Simulator Training at NPTI Shivpuri	5	GR A/B
7	Health Talk by MEDICA, Ranchi	1	GR A/B/ Housewives/CISF

8	Action-centered leadership and effective communication skills Conducted by SEC Academics Pvt Ltd, WB at DTI, CTPS	2	GR A
9	"Cyber Hygiene and Security" under Capacity Building Programs as a prelude to Vigilance Awareness Week – 2024	1	GR B
10	"DVC Conduct Rules" under Capacity Building Programs as a prelude to Vigilance Awareness Week-2024	1	GR A
11	"Ethics & Governance" under Capacity Building Programs as a prelude to Vigilance Awareness Week-2024	1	GR A/B
12	Workplace Yoga, Reducing Stress in Employees	2	GR A/B
13	"Procurement" under Capacity Building Programs as a prelude to Vigilance Awareness Week-2024	1	GR A/B
14	Hygiene & General Awareness On HIV/AIDS	1	GR A/B/C
15	Adopt Yoga to Enhance Health and Work Efficiency	2	GR A/B
16	Pre-Promotion Training for B5 Level Employees to M1 Level	2	GR B
17	The Art & Science of Big Project Management	2	GR A/B
18	Emotional intelligence and Leadership	1	GR A
19	Emotional intelligence and Leadership	2	GR A/B
20	The Real Accelerators – Pink Force	1	GR A/B (Womens)
21	The SDG and We	1	GR A/B (Womens)
22	Women in Renewables – The Change Agent	2	GR A/B (Womens)
23	Career Counselling Program on "Career & Skill Enhancement"	1	ITI Students

E. LONG TERM TRAINING PROGRAM			
1	Induction Training Program for recently Promoted B5 to M1 Level Employees	1Month	GR A

Details of Category/Types of Personnel trained at Nashik Training Center			
Sr.No	**Category of Trainee**	**Profile**	**Type of Training**
1	Managerial and higher executives	Chief Engineer and above	Refresher Training
2	Technical and Scientific officer	Engineers above rank of Junior Engineer	Refresher Training & Induction Level Training
3		Chemist above rank of Junior Chemist	Refresher Training & Induction Level Training
4	Technicial Supervisory staff	Junior Enginner/Junior Chemist and equivalent	Refresher Training & Induction Level Training
5	Non-Technical (Manager)	Finance & Account manager	Refresher Training & Induction Level Training
6	Non-Technical (Manager)	HR /Security manager	Refresher Training & Induction Level Training
7	Non-Technical (Supervisor)	Supervisor Staff (Security/Safety)	Refresher Training & Induction Level Training
8	Technicians and operation staff	ITI qualified technicians	Refresher Training & Induction Level Training
9	Non-Technical Staff	HR/Account/Security Staff	Refresher Training & Induction Level Training
10	Other Labour Staff	Contract Labour & Project Affected Persons	Refresher Training
11	Students	Engineering College Students	Vacation Training

sd/-
Superintending Engineer
Nashik Training Centre, Eklahare

List Of Training Courses offered by NTC

Sr. No.	Course Name
1	Power plant Familiarization
2	Industrial Safety Management
3	Deviation Settlement Mechanism
4	Power Plant Water Chemistry & Boiler Tube Leakages
5	Retirement Planning (RP)
6	Solar-Current Technological Advancement, Challenges in Development of Renewable and Grid Integration Issues.
7	Cyber security
8	Personal Financial Planning
9	Health Management for Employees & Families
10	HR & Account Matters for Management
11	DPR Preparation
12	First Aid
13	NDT & Certification Level-II
14	Gen cost, Tariff & Statutory Matters
15	Management Development Programme
16	Leadership & Team Building
17	Stress Management
18	Quality Circle Training
19	Prevention of Sexual Harassment (POSH) Act, 2013
20	Best O & M Practices for GAS & HYDRO.
21	Disaster Management
22	Flexible Operation of Thermal Power Plants
23	Power Plant Protections & Interlocks
24	Supercritical Technology for Engineers
25	Condition Monitoring Of Equipment’s
26	Energy Audit & Performance Optimization
27	Accounting Policies, Direct & Indirect Taxation & Costing
28	Civil Construction and Structural Audits New Technologies
29	Store Management & Inventory Control
30	Auxiliary Power Optimization and Improvement
31	Vibration Analysis and Balancing of Equipment
32	Root Cost Analysis (Case Studies)
33	Renewable Energy & Pump Storage Hydro Station
34	Best O & M Practices for Thermal.
35	Right to Information & consumer protection act
36	New and emerging technologies viz. Carbon Capture Utilization and Storage, Green Hydrogen in Gas turbines, Green Ammonia.
37	Environment Studies
38	Advance Computer Courses
39	Simulator Training 500MW

Sr. No.	Course Name
40	Simulator Training 210MW
41	Women Empowerment
42	Disciplinary Action
43	Preservation of Power equipments during long Shut Down
44	HR Developments
45	Boiler Maintenance, Electrical Maintenance, Electrical Testing, Turbine Maintainance, Instruments, Operation etc.
46	Training for trainers
47	Mental and Physical Helth Awareness
48	Artificial Intelligenc Data analytics & Design thinking
49	Team Wellness and Personal Wellbeing
50	ISO 9001, 14001, 21001, & ISO 50001 Awareness & Internal Auditor Preparatory Course
51	Energy Manger and Energy Auditor Exam prepatory
52	BOE Exam prepatory
53	Water Mangment
54	Introduction to Power Plant Instrumentation.
55	Power Plant Control System (DDCMIS).
56	PID Controllers.
57	Final Control Elements.
58	Orientation to C&I.
59	Power Plant Instrumentation to Technicians.
60	KWU Turbine Control System.
61	Turbine Stress Evaluator.
62	Coordinated Master Control.
63	Electro Hydraulic Converter and Governing System of KWU Turbine.
64	FSSS (Furnace Safeguard And Supervisory System).
65	Introduction to Turbovisory System.
66	Power Plant Auto Control Loops.
67	Boiler Protections and Control Systems.
68	Turbine Protections and Control Systems.
69	Detailed Types Of Pressure Measurement.
70	Detailed Types Of Temperature Measurement.
71	Detailed Types Of Level Measurement.
72	Detailed Types Of Flow Measurement.
73	Theory and Operation of Gas Analyzers.
74	Principle Of Sensing (Different Types Of Electrical Sensing Principles)
75	Lean Management (Basic Problem Solving Quality Tools).

Sd/-

Superintending Engineer (Trg)

Nashik Training Centre, Eklahare