

## Training Calendar 2024-25

Sl. No	Topic	Duration	Date
1.	Condition based monitoring of Substation	01 Week	25 <sup>th</sup> to 29 <sup>th</sup> March 2024
2.	Open access and Power Trading	01 Week	08 <sup>th</sup> to 12 <sup>th</sup> April 2024
3.	Measures relating to Safety and Electrical Supply “as per CEA Regulation 2010 for Engineers	01 Week	15 <sup>th</sup> to 19 <sup>th</sup> April 2024
4.	Renewable Energy and Smart Grid Simulator	01 Day	17 <sup>th</sup> April 2024
5.	Distribution network planning for UG Cable Systems	03 Days	17 <sup>th</sup> to 19 <sup>th</sup> April 2024
6.	Operation & Maintenance of Switchgear and Relays	01 Week	06 <sup>th</sup> to 10 <sup>th</sup> May 2024
7.	Supercritical Boiler Technology	03 Days	15 <sup>th</sup> to 17 <sup>th</sup> May 2024
8.	250MW Hydro Simulator training	02 Days	16 <sup>th</sup> to 17 <sup>th</sup> May 2024
9.	Overview of T&D System, AT&C Losses and its minimization	01 Week	20 <sup>th</sup> to 24 <sup>th</sup> May 2024
10.	Stress management	05 Days	27 <sup>th</sup> to 31 <sup>st</sup> May 2024
11.	Green Hydrogen & Fuel Cell Technology	03 Days	05 <sup>th</sup> to 07 <sup>th</sup> June 2024
12.	O&M of Transmission System	01 week	10 <sup>th</sup> to 14 <sup>th</sup> June 2024
13.	WAMS & PMU: Application in Protection and Control of Power System	03 Days	19 <sup>th</sup> to 21 <sup>st</sup> June 2024
14.	Non-Destructive Testing (NDT) and Welding Defects	03 Days	26 <sup>th</sup> to 28 <sup>th</sup> June 2024
15.	Energy Conservation and Energy Audit	02 Days	27 <sup>th</sup> to 28 <sup>th</sup> June 2024
16.	Recent trends in Power Plant Instrumentation	03 Days	03 <sup>rd</sup> to 05 <sup>th</sup> July 2024
17.	Operation and Maintenance (O&M) of Coal Mills & Feeders	03 Days	10 <sup>th</sup> to 12 <sup>th</sup> July 2024
18.	Renewable Energy and Smart Grid Simulator lab	01 Day	12 <sup>th</sup> July 2024
19.	One day workshop on Power Plant Familiarization	01 Day	15 <sup>th</sup> July 2024
20.	Cyber Security issues in power sector	03 Days (Online)	17 <sup>th</sup> to 19 <sup>th</sup> July 2024
21.	One day workshop on Recent trends in Power Sector	01 Day	22 <sup>nd</sup> July 2024
22.	Internet of thing (IoT) for Smart Grid	02 Days	25 <sup>th</sup> to 26 <sup>th</sup> July 2024
23.	Electric Vehicle and Charging infrastructure	05 Days	05 <sup>th</sup> to 09 <sup>th</sup> August 2024
24.	Advance O&M Techniques in Hydro Power Plants	03 days	07 <sup>th</sup> to 09 <sup>th</sup> August 2024
25.	Managerial & Leadership Skills	05 Days	19 <sup>th</sup> to 23 <sup>rd</sup> August 2024
26.	One day workshop on RE & GIT	01 Day	21 <sup>st</sup> August 2024
27.	Large Capacity CFBC Boiler Technology	03 Days	28 <sup>th</sup> to 30 <sup>th</sup> August 2024
28.	Power System Studies and Load Dispatch	05 Days	02 <sup>nd</sup> to 06 <sup>th</sup> September 2024
29.	Vibration Analysis in Hydro Power Plants	03 Days	04 <sup>th</sup> to 06 <sup>th</sup> September 2024
30.	Solar PV Technology – Installation, Maintenance and Testing	01 Week	09 <sup>th</sup> to 13 <sup>th</sup> September 2024
31.	Advanced Power System Protection	03 Days	25 <sup>th</sup> to 27 <sup>th</sup> September 2024
32.	Substation Automation System	03 Days	07 <sup>th</sup> to 09 <sup>th</sup> October 2024

33.	Floating Solar PV (FSPV) Technology	03 Days	16 <sup>th</sup> to 18 <sup>th</sup> October 2024
34.	Power System Communication, SCADA & Energy Management System	03 Days	14 <sup>th</sup> to 16 <sup>th</sup> October 2024
35.	Testing, Commissioning and O&M of Transformers	05 Days	21 <sup>st</sup> to 25 <sup>th</sup> October 2024
36.	800MW Thermal Power Plant Simulator Training	01 Week	21 <sup>st</sup> to 25 <sup>th</sup> October 2024
37.	Advance Metering Infrastructure (AMI) and Smart Metering Technologies	03 Days	28 <sup>th</sup> to 30 <sup>th</sup> October 2024
38.	Operation & Maintenance (O&M) of Switchgear & Relays	05 Days	04 <sup>th</sup> to 08 <sup>th</sup> November 2024
39.	Regulatory Framework & Issues in power Sector	03 Days	13 <sup>th</sup> to 15 <sup>th</sup> November 2024
40.	Power System Energy Losses	03 Days	20 <sup>th</sup> to 22 <sup>nd</sup> November 2024
41.	Renewable Energy and Smart Grid Simulator	01 Day	20 <sup>th</sup> November 2024
42.	Battery Energy Management Systems (BESS)	03 Days	27 <sup>th</sup> to 29 <sup>th</sup> November 2024
43.	Electrical Safety and Inspection of Electrical Installation, Accident Prevention as per CEA regulations 2010	05 Days	02 <sup>nd</sup> to 06 <sup>th</sup> December 2024
44.	Interstate Transmission System	05 Days	09 <sup>th</sup> to 13 <sup>th</sup> December 2024
45.	Condition Monitoring of Sub-Station	03 Days	11 <sup>th</sup> to 13 <sup>th</sup> December 2024
46.	Energy Efficiency Management in power System	03 Days	18 <sup>th</sup> to 20 <sup>th</sup> December 2024
47.	Behavioural & Soft Skill Development	03 Days	08 <sup>th</sup> to 10 <sup>th</sup> January 2025
48.	Bearing Maintenance & shaft Alignment	05 Days	13 <sup>th</sup> to 17 <sup>th</sup> January 2025
49.	Energy Audit and loss Reduction in T&D Systems	02 Days	15 <sup>th</sup> to 16 <sup>th</sup> January 2025
50.	Open Access, Power Trading and Tariff-ABT Scenario	03 Days	22 <sup>nd</sup> to 24 <sup>th</sup> January 2025
51.	Turbo Generator & Auxiliaries including Excitation System	03 Days	05 <sup>th</sup> to 07 <sup>th</sup> February 2025
52.	Power Cable Joining Techniques	03 Days	12 <sup>th</sup> to 14 <sup>th</sup> February 2025
53.	Environmental Impact assessment and Environment management plan	03 Days	19 <sup>th</sup> to 21 <sup>st</sup> February 2025
54.	Energy Audit and Demand Side Management in power utilities	03 Days	26 <sup>th</sup> to 28 <sup>th</sup> February 2025
55.	Best Practices on O&M of Air Compressor	02 Days	06 <sup>th</sup> to 07 <sup>th</sup> March 2025
56.	Hydro Turbines Governing & Protection System	03 Days	12 <sup>th</sup> to 14 <sup>th</sup> March 2025
57.	Air Pollution and Control Technologies	03 Days	19 <sup>th</sup> to 21 <sup>st</sup> March 2025
58.	PGDC in PPE	01 Year	August 2024-25
59.	PGDC in Renewable Energy and Grid Interface Technology	01 Year	August 2024-25
60.	PGDC in Transmission & Distribution	06 Months	January 2025- June 2025