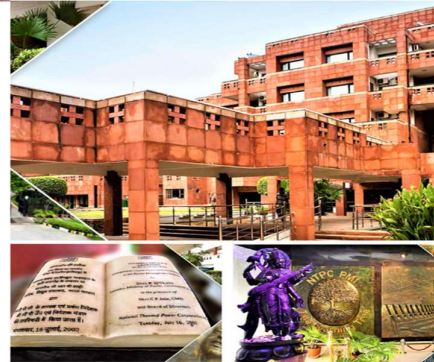




POWER MANAGEMENT INSTITUTE

TRAINING CALENDAR

2025-26



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S.N.-1) 660 MW simulator training for ETs

Objective: This program aims to equip participants with a comprehensive understanding of supercritical unit operations, including boiler light-up, unit synchronization, load raising, and wet-to-dry changeover, through hands-on training on a 660 MW simulator.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Basics of Supercritical unit • The boiler light up and raising steam parameters • Unit synchronization and load raising • Wet to dry change over • CMC mode operation of the unit | Venue: PMI Duration: 12 days Dates: 01.04.2025, 11.04.2025, 15.04.2025 25.04.2025, 02.12.2025 12.12.2025, 15.12.2025 26.12.2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course. <ul style="list-style-type: none"> • Introduction to 660 MW Simulator Power Supply Restoration to various buses and MCCs. • Raw Water, Condenser Water, ECW (TG & SG), Secondary CW systems DM Plant and DM Water System. Compressed Air Systems. Boiler Purge logics, Interlocks and Protections, Water Separator level control etc. • LDO/HFO oil circuits, oil heating etc. • Generator Stator Water, Seal Oil System, Gas System, • CEP and normalization of condensate system and CPU. • Starting of MD BFP, HP heaters water side charging, Boiler Circulation Pump operation etc. Starting of APHs, ID/FD fans, Furnace Purge and Boiler Light up. • Normalization of Turbine Lube Oil, Jacking Oil and Barring Gear. Condenser Vacuum pulling, Seal Steam system, HP and LP bypass system and raising of steam parameters. • Turbine Governing System, Turbine Trip resetting, Turbine Cold Rolling, Unit Synchronization and Block loading. • Starting of Coal firing: Starting of PA fans, Seal Air Fan and Coal Mills. Control of MS and RH steam temperature. • Turbine Governing System and Turbine Protection systems. • Boiler Wet to Dry change over. Starting of second Turbine BFP, stopping of MDBFPs etc. Unit load up to 500 MW | This program is only for ETs. |
| | Learning Methods |
| | Lecture, Discussion, hands on training on Simulator |
| | Course Director |
| | S K Vishwakarma Sr.Manager (PMI) M/No- 9648474186 skvishwakarma@ntpc.co.in |
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N.-2) Workshop/Training on AI-ML and Tools

Objective: Security Administrator provides an understanding of the concepts and skills necessary to configure Firewall By integrating, AI-ML and its applications with the existing critical machinery of O&M, HR, Finance and Contracts, etc, strategies can be developed that can minimize downtime, improve reliability, help manage & monitor assets efficiently and better utilize human resource & related policies etc.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Understand AI basics in a non-technical Way • Learn how AI is used in businesses like NTPC • Explore lesser known by Hands-On training on AI Tools for daily productivity • Hands On training on AI tools in corporate settings | Venue: PMI Duration: 2 days Dates: 02-03 April 2025 15-16 July 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • Introduction to AI and Its Importance in Business • Practical AI Applications in Business and Energy Sector • Microsoft Copilot and AI for workplace Productivity • AI for Beginners Hands on with Chatbots And AI tools • AI Readiness and Next steps | All Executives in O&M, HR, Finance and Contracts, etc |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752 |
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N.-3) Operation Executive training in general Shift- Ash Utilization

Objective: This program aims to enhance the competencies of operational executives by equipping them with knowledge on key aspects of ash utilization, management strategies, and process optimization, fostering efficiency and sustainability in operations.

| Participant Benefits | Venue, Duration, and Dates |
|--|--|
| Operation Executive Competency Development | Venue: Through VC team, Dates: 03 April, 07 April, 17 April, 21 April Time: 10:00hrs to 13:00 hrs |
| Course Coverage | Target Audience |
| Awareness on Management of Ash Utilization, Avenues of Ash Sale etc. Operation people sensitization on Ash utilization | Operation general Shift people Group A, B, C, D |
| | Learning Methods |
| | Through MS Teams VC |
| | Course Director |
| | Manas Kapoor, DGM (OS) Priyank Jain, Manager (PMI) |

| | |
|--|-----------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non-Residential |

S.N.-4) Fundamental of Finance & Commercial for GM (O&M)

Objective: The objective of Finance & Commercial for GM (O&M) is to oversee financial and commercial aspects of O&M activities, ensuring alignment with company goals. This includes optimizing budgets, managing costs, maximizing profitability, and ensuring compliance with legal, contractual, and regulatory requirements. The role provides strategic insights, financial forecasting, and reporting to senior management, enabling informed decision-making, cost-effectiveness, and sustainable growth in the O&M sector.

| Participant Benefits | Venue, Duration and Dates |
|---|--|
| <p>After attending this program, the participants will be able to:</p> <ul style="list-style-type: none"> • Gain a deeper understanding of financial reports and their impact on operations. • Improve their ability to manage budgets and optimize costs effectively. • Enhance their skills in contract management and vendor negotiations. • Learn the best practices in risk management and financial planning. | <p>Venue: PMI</p> <p>Duration: 1 day</p> <p>Dates: 04 April- 04 April 2025</p> |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> • Understanding Profit & Loss, Balance Sheets, and Cash Flow to make informed operational decisions. • Techniques for effective cost control, budget planning, and cost-benefit analysis. • Best practices for vendor negotiations, contract structuring, and procurement strategies. • Overview of financial regulations, tariff structures, and commercial obligations in the power sector. • Identifying financial risks, assessing their impact, and making data-driven commercial decisions. | GM (O&M) |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N.-5) Certification program on AI & ML for power sector

Objective: This program aims to provide financial professionals with a deep understanding of Artificial Intelligence (AI) and Machine Learning (ML) applications in finance. It focuses on predictive analytics, algorithmic trading, risk management, fraud detection, and portfolio optimization.

| Participant Benefits | Venue, Duration and Dates |
|---|--|
| <ul style="list-style-type: none"> Gain insights into AI-driven financial modeling, credit scoring, and investment strategies. Learn how ML algorithms enhance risk assessment, fraud detection, and regulatory compliance. | Venue: PMI Duration: 3 days Dates: 7 April to 9 April 2025 1 Sept to 03 Sept 2025 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> Delivered by industry experts, data scientists, and financial analysts. Practical sessions covering AI-driven financial forecasting, deep learning applications, and ethical considerations in AI for finance. | NTPC Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|---|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N.-6) Certification program UT Level-II as per ISO 9712

| Objective | Venue, Duration, and Dates |
|--|---|
| <p>Welding technology is having significant importance in construction, erection and preventive maintenance phases of a thermal power plant. A power plant will run unhindered, without any forced outages, if concepts and application of welding technology and non-destructive testing are well understood and accordingly adequate measures are taken to control welding of tube joints, pipe joints, joints in structures etc and ultimately in the process of that achieve the best quality of the weld joint. The purpose of this programme is to disseminate knowledge on welding technology and non-destructive testing applicable in thermal power plants. The technological advancement in the field of welding and NDT will also be discussed.</p> <p>Programme Objective: <i>Describe various Welding Processes and equipment:</i> Describe Welding Metallurgy / Interpret various codes and standards Prepare Welding Procedure Specifications / Qualify welder and Welding Procedure Describe various NDT methods</p> | <p>Venue: PMI Date: 07-Apr-2025 22-Apr-2025</p> |
| Participant Benefit | Learning Methods |
| <p>(WELDING TECHNOLOGY) Welding, Weld, Joints, Type of Joints and Welds, Weld Terminology, Symbols for welding, Welding positions etc. Welding Processes – SMAW, GTAW, GMAW, SAW, etc Welding Equipment - Arc Welding Power Sources Welding Electrodes – Classifications & Codification Materials involved in welding in power plants Carbon steel and Alloy steel welding Dissimilar metal welding / Welding Metallurgy Residual Stress & Distortion Control Pre – heating, Post heating and PWHT practices, Familiarization with applicable Codes & Standards Welding Procedure Specification Weld Quality – Welding Defects, their significance and repair procedures Latest developments – processes in welding</p> <p>NON – DESTRUCTIVE TESTING Inspection methodology Brief introduction and practical demonstration of Radiographic Testing (film review and interpretation of defects) Ultrasonic Testing / Magnetic Particle Testing / Dye Penetrate Testing Eddy Current Testing / Latest developments in NDT</p> | <p>Lectures, Case Studies and Practical Demonstration</p> <p>Target Audience Executives with basic knowledge of welding and NDT from power stations Of NTPC.</p> <p>Course Director Dr. Anoop Kumar DGM & Sr. Faculty Member (PMI) Mob : 9650996086 anoopkumar@ntpc.co.in</p> |
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N.-7) Certification program on flexibilization of coal plant

Objective: The Training Program on Flexibilization of Coal Plant Operations aims to equip participants with a comprehensive understanding of flexible coal plant operations to enhance grid stability and integrate renewable energy sources. Through expert-led lectures, case studies, and practical insights, participants will gain knowledge of technical adaptations, operational strategies, and regulatory frameworks to improve plant efficiency and sustainability.

| Participant Benefits | Venue, Duration and Dates |
|---|---|
| After attending this program, participants will: <ul style="list-style-type: none"> Enhance their technical knowledge and skills in implementing flexible operational strategies for coal plants. Gain insights into the planning, development, and optimization of coal-based power generation in a changing energy landscape. Understand regulatory requirements and industry best practices for improved efficiency and reduced emissions | Venue: PMI Duration: 3 Days Dates: 21 Apr to 23 Apr 2025 23 June to 25 June 2025 |
| Course Coverage | Target Audience |
| <p>❑ The training program will be conducted by experienced professionals and subject matter experts with expertise in flexible coal plant operations, energy regulation, and grid management.</p> <p>❑ Sessions will include comprehensive instruction, practical insights, and real-world applications to enhance participant learning</p> | NTPC Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N.- 8) Certification program on PAUT as per ISO 9712

Objective: Phased Array Ultrasonic Testing (PAUT) is an advanced Non-Destructive Evaluation Technique, extensively used to check the soundness of butt weld joints in Boiler Tubes, in High Pressure Piping and in Structures during construction phase of a project as well as during overhauling also. Application of this advanced NDT Technique require thorough understanding of the concepts involved, the correct calibration and sensitivity setting of the equipment and correct interpretation of test results. After the training, an examination will be conducted on theory & practical as per requirements of ISO 9712. Qualifiers will be given PAUT Level – II, ISO 9712 certificate, which is valid worldwide in all industries. Physical training is organized for the candidates who have already cleared online module.

| Participant Benefits | Venue, Duration and Dates | | | | |
|---|---|-------------|------------|-------------|-------------|
| After attending this programme, the participant will be able to <ul style="list-style-type: none"> Understanding the concepts of Physics involved in Phased Array Ultrasonic Testing (PAUT) Understanding of Calibration & Sensitivity Setting of the Equipment Understanding correct interpretation of test results. Getting qualification Certificate from TWI-UK once qualify in the examination | Venue: Physical Mode Dates: <table border="1"> <tr> <td>21-Apr-2025</td><td>7-May-2025</td></tr> <tr> <td>12-May-2025</td><td>28-May-2025</td></tr> </table> | 21-Apr-2025 | 7-May-2025 | 12-May-2025 | 28-May-2025 |
| 21-Apr-2025 | 7-May-2025 | | | | |
| 12-May-2025 | 28-May-2025 | | | | |
| | Target Audience | | | | |
| | FQA/CQA/selected participants | | | | |
| Course Coverage | Learning Methods | | | | |
| Major topics that will be covered during the course: <ul style="list-style-type: none"> Theoretical Concepts of PAUT Testing Equipment Calibration Equipment Sensitivity Setting Extensive Practical on number of weld defect pieces. Phase Tests during training | Lecture, Discussion, Practical, Case-Study etc. | | | | |
| | Course Director | | | | |
| | Dr. Anoop Kumar DGM & Sr. Faculty Member (PMI) Mob : 9650996086 Email: anoopkumar@ntpc.co.in | | | | |

| | |
|---|---|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential subject to availability of rooms at PMI |

S.N.-9) Enhancing Managerial Competence (EMC)

Objective: As managers move up the ladder, it is expected that there is expansion in their vision and role-they move from being a manager and team player to a Team leader's role. Thus, program aims to help managers transform into Leaders as they become Dy. General Managers.

Imbibing People Management skills in the participants to enable them are transitioning from being functional experts to become effective team leader. I.e. from Solo player to Orchestra leader.

| Participant Benefit | Venue, Duration and Date | | | | | | | | | | | | | | | | |
|---|---|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| After attending this programme, the participant will be able to <ul style="list-style-type: none"> Communicate their ideas clearly and emphatically, to use the right skills for influencing Understand the larger commercial perspective as well as handle their dept in more cost effective manner. Leverage their behavioural & leadership skills for effective team management Develop better understanding of their emotions & use them positively for work & life mgt. See the impact of learning of presentation skills, team work | Venue: Physical Mode at PMI Duration: 02 Weeks Date: <table border="1"> <tr> <td>21-Apr-2025</td><td>2-May-2025</td></tr> <tr> <td>16-Jun-2025</td><td>27-Jun-2025</td></tr> <tr> <td>18-Aug-2025</td><td>29-Aug-2025</td></tr> <tr> <td>15-Sep-2025</td><td>26-Sep-2025</td></tr> <tr> <td>8-Dec-2025</td><td>19-Dec-2025</td></tr> <tr> <td>12-Jan-2026</td><td>23-Jan-2026</td></tr> <tr> <td>16-Feb-2026</td><td>27-Feb-2026</td></tr> <tr> <td>9-Mar-2026</td><td>20-Mar-2026</td></tr> </table> | 21-Apr-2025 | 2-May-2025 | 16-Jun-2025 | 27-Jun-2025 | 18-Aug-2025 | 29-Aug-2025 | 15-Sep-2025 | 26-Sep-2025 | 8-Dec-2025 | 19-Dec-2025 | 12-Jan-2026 | 23-Jan-2026 | 16-Feb-2026 | 27-Feb-2026 | 9-Mar-2026 | 20-Mar-2026 |
| 21-Apr-2025 | 2-May-2025 | | | | | | | | | | | | | | | | |
| 16-Jun-2025 | 27-Jun-2025 | | | | | | | | | | | | | | | | |
| 18-Aug-2025 | 29-Aug-2025 | | | | | | | | | | | | | | | | |
| 15-Sep-2025 | 26-Sep-2025 | | | | | | | | | | | | | | | | |
| 8-Dec-2025 | 19-Dec-2025 | | | | | | | | | | | | | | | | |
| 12-Jan-2026 | 23-Jan-2026 | | | | | | | | | | | | | | | | |
| 16-Feb-2026 | 27-Feb-2026 | | | | | | | | | | | | | | | | |
| 9-Mar-2026 | 20-Mar-2026 | | | | | | | | | | | | | | | | |
| Course Coverage | Target Audience | | | | | | | | | | | | | | | | |
| Major topics that will be covered during the course: <ul style="list-style-type: none"> Communication & Presentation Skills <ul style="list-style-type: none"> Presentation & public speaking skills Assertiveness FIRO-B, Listening & questioning skill Finance Module <ul style="list-style-type: none"> Analysis of financial statements Cost management strategies Leadership and Team Building <ul style="list-style-type: none"> Understanding leadership role Team building and building a culture of commitment Managing collaboration, Visioning, delegation Meeting skills Emotional Intelligence Project Work <ul style="list-style-type: none"> Analysing, planning and presenting | E7 Level | | | | | | | | | | | | | | | | |
| | Learning Methods | | | | | | | | | | | | | | | | |
| | Lecture, Discussion, Case-study & Project submission etc. | | | | | | | | | | | | | | | | |
| | Course Director | | | | | | | | | | | | | | | | |
| | Dr. Anoop Kumar DGM & Sr. Faculty Member (PMI) Mob : 9650996086 anoopkumar@ntpc.co.in | | | | | | | | | | | | | | | | |

| | |
|---|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N.-10) Website Development and Graphic Design

Objective: The objective of website development and graphic design is to create visually appealing, user-friendly websites that effectively communicate a brand's message while ensuring seamless functionality and responsive design. The goal is to blend aesthetic elements with intuitive navigation, enhancing user experience and driving engagement. Through strategic design and development, the website aims to meet both business goals and user needs.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • UI/UX Design • Technical Expertise • Creative & Branding Knowledge | Venue: PMI Duration: 4 days Dates: 22-24 April 2025 18-21 Aug 2026 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • Fundamentals of Web Development • Graphic Design Essentials • UI/UX Design • Web Development Tools & Technologies • Project-Based Learning | Executives |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752 |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N.-11) Certification program in Energy Transition

Objective: The Certification Programme on Energy Transition is designed to equip professionals with the knowledge and skills needed to navigate the evolving energy landscape. The program focuses on renewable energy integration, policy frameworks, emerging technologies, and strategies for decarbonization. Participants will gain insights into the challenges and opportunities of transitioning to a sustainable and low-carbon energy system.

| Participant Benefits | Venue, Duration and Dates |
|---|--|
| <ul style="list-style-type: none"> After attending this program, the participants will be able to gain Develop a comprehensive understanding of energy transition trends, policies, and global best practices. Enhance their technical and strategic capabilities in renewable energy adoption, grid modernization, and decarbonization pathways. | Venue: PMI Duration: 3 Days Dates: 28 Apr to 30 Apr 2025 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> The training will be delivered by industry experts, policymakers, and technical specialists in energy transition. Sessions will include policy analysis, case studies, and interactive discussions on the future of energy systems. | NTPC Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N.-12) Learning through Immersive Technologies (AR/VR): Train the Trainers

Objective: Virtual Reality (VR) technology is revolutionizing various industries by providing immersive experiences for training, design, and simulation. In the context of professional development, VR modules are increasingly being used for training programs to enhance learning outcomes. This two-day training program is designed to introduce participants to the effective use of VR modules for training purposes, focusing on how to leverage this technology for improved learning experiences, skill development, and process optimization.

| Participant Benefits | Venue, Duration and Dates | | | | | | | | | | | | |
|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> Understand different types of VR equipment Know all the components of VR set Run any VR module on the VR equipment | Venue: PMI Duration: 02 days Dates : <table border="1"> <tr> <td>28-04-2025</td><td>29-04-2025</td></tr> <tr> <td>23-06-2025</td><td>24-06-2025</td></tr> <tr> <td>09-08-2025</td><td>09-09-2025</td></tr> <tr> <td>24-11-2025</td><td>25-11-2025</td></tr> <tr> <td>19-01-2026</td><td>20-01-2026</td></tr> <tr> <td>16-03-2026</td><td>17-03-2026</td></tr> </table> | 28-04-2025 | 29-04-2025 | 23-06-2025 | 24-06-2025 | 09-08-2025 | 09-09-2025 | 24-11-2025 | 25-11-2025 | 19-01-2026 | 20-01-2026 | 16-03-2026 | 17-03-2026 |
| 28-04-2025 | 29-04-2025 | | | | | | | | | | | | |
| 23-06-2025 | 24-06-2025 | | | | | | | | | | | | |
| 09-08-2025 | 09-09-2025 | | | | | | | | | | | | |
| 24-11-2025 | 25-11-2025 | | | | | | | | | | | | |
| 19-01-2026 | 20-01-2026 | | | | | | | | | | | | |
| 16-03-2026 | 17-03-2026 | | | | | | | | | | | | |
| Course Coverage | Target Audience | | | | | | | | | | | | |
| Major topics that will be covered during the course <ul style="list-style-type: none"> What is Virtual Reality Types of VR Systems VR Hardware Components VR Software Platforms | Executives up to E8 | | | | | | | | | | | | |
| | Learning Methods | | | | | | | | | | | | |
| | Lecture and case discussions by experts / consultants Practical demonstrations | | | | | | | | | | | | |
| | Course Director | | | | | | | | | | | | |
| | Rahul Gupta Sr. Manager (PMI) rahulgupta01@ntpc.co.in | | | | | | | | | | | | |

| | |
|--|-------------|
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | Yes |
| Residential /Non-Residential | Residential |

S.N.-13) SAMARTH for MGR

Objective: The course aims to provide a comprehensive understanding of the design, operation, and maintenance of the (MGR) system used in coal transportation. Participants will learn about key components, working principles, and best practices to ensure efficient handling and transportation of coal. Additionally, the course will cover inspection and maintenance procedures to enhance system reliability and performance.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> Understand inspection procedures and best practices for efficient MGR operations. Learn about key components, working principles, and troubleshooting of MGR systems. | Venue: Online Duration: 4 days Dates: 29 April -02 May 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> Overview of the working principle and importance in coal transportation. Understanding locomotives, wagons, track layout, and signaling systems. Ensuring safe handling, operational guidelines, and compliance with industry standards. | As per the list of executives who have undergone Job Rotation |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752 |

| | |
|--|-----------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non-Residential |

S.N.-14) Fire safety certification program at ATI-ONGC**Objective**

| Participant Benefits | Venue, Duration and Dates | |
|--|---|-------------|
| After attending this programme, the participant will be able to To ensure that fire team members can identify and mitigate potential fire hazards, demonstrate proper use of fire extinguishers, and implement preventive measures to minimize the risk of fires in various environments. Equip fire team members with the knowledge and skills to respond swiftly and effectively to fire emergencies, including understanding evacuation protocols, emergency medical response skills & Foster effective communication. | Venue: Physical Mode | |
| | Dates: | |
| | 5-May-2025 | 9-May-2025 |
| | 27-Oct-2025 | 31-Oct-2025 |
| | Target Audience NTPC Executives | |
| | Learning Methods Lectures, Discussion, etc. | |
| Course Coverage | Course Director | |
| Major topics that will be covered during the course: Fire Hydrant Operating Techniques and Communication Procedure Hands-on-practice of operating Trailer Fire Pump Techniques to handle Pressurized Fire Hoses Hands-on-practice of using Foam making Equipment & different Nozzles Physiology of Respiration & Breathing Apparatus Survival in Smoke and Search & Rescue operation. PPE & Rescue Techniques Common First-Aid Techniques, CPR & other Life Saving Practices during Emergency Scenarios Combating Fire inside Oil Storage Tank with Foam System/Equipment Fire Fighting and Search & Rescue at Drilling / Work- over Rig Fire fighting & critical operations in vicinity of high heat radiation Practical Training with SCBA Set in Confined Vessel Fire Safety at Installations, Work Permit System & Emergency Response Plan Familiarisation of various Fire Fighting Equipment & Systems in Training Ground and demo of BLEVE Use of Portable Fire Extinguishers during Oil & Gas Pipeline Leakage Fire and Electrical Panel Fire Familiarisation of various Fire Fighting Equipment & Systems in Display Centre | Dr. Anoop Kumar DGM & Sr. Faculty Member (PMI) Mob : 9650996086 anoopkumar@ntpc.co.in | |

| | |
|---|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N.-15) Sensitization Program for HR Nodal Officers – Project Snehal

Objective: To equip HR Nodal Officers with the knowledge and skills to effectively support employees under Project Snehal, NTPC's Employee Assistance Program (EAP), ensuring a proactive and empathetic approach to employee well-being.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| <ul style="list-style-type: none"> Enhanced awareness of mental health & well-being in the workplace Practical HR intervention strategies for employee support Improved listening & counselling skills for handling sensitive cases Understanding of Project Snehal's support framework & referral process Confidence in creating a supportive work environment | Venue: PMI Duration: 01 day Date: 05 May 25 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> Introduction to Project Snehal & Role of HR Nodal Officers Psychological First Aid & Active Listening Addressing Workplace Stress & Mental Well-being EAP Services & Referral Process Open Forum & Action Plan | HR Nodal Officers as nominated by HOHRs |
| | Learning Methods |
| | Lecture, Discussion, Case-Studies |
| | Course Director |
| | Sayoni Mazumder DGM (HR) sayonimazumder@ntpc.co.in 9425178176 |

| | |
|---|------------------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non-Residential |

S.N.-16) Leadership Development Program (APEX program)

Objective: The Core Module of the Apex program includes the breath-based and mind-based techniques, which are practical, simple yet powerful take-away creating a difference to the effectiveness of an individual when practiced consistently. These techniques, that include Sudarshan Kriya®, pranayamas, yogic stretches and meditation etc. The program is designed to aid the formation of inspirational leaders, empowered managers & enthusiastic and aware bottom of the pyramid employees.

| Participant Benefits | Venue, Duration, and Dates |
|---|--|
| <p>At the end of the program, the broad categories of take away for the group would be –</p> <ul style="list-style-type: none"> • Simple breathing techniques that help energize, relax and rejuvenate the mind. They can practice this daily on their own by investing just 20 minutes. • Easy desktop yoga stretches that help release stress and relax the body and calm the mind • Rich ancient wisdom that is applicable at work and in their personal lives • Learning from their own experiences via different exercises, activities, and processes sharing with the team and through introspection. | <p>Venue: PMI</p> <p>Duration:3 days</p> <p>Dates: 06-08 May 2025</p> |
| Course Coverage | Target Audience |
| <p>Major topics that will be covered during the course</p> <ul style="list-style-type: none"> • Leadership Paradigms & Challenges • Ethics in Decision-Making • Risk-Taking & Innovation • Team Dynamics & Conflict Resolution • Communication & Motivation • Stress Management & Energy Optimization • Interpersonal & Professional Skills • Performance & Teamwork Optimization | Executive up to E8 level from NTPC and above |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | <p>Narendra Sharma</p> <p>AGM (PMI)</p> <p>9650994074</p> <p>narendrasharma@ntpc.co.in</p> |
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 17) Certification program on electricity markets

Objective: Certification Program on Electricity Markets provides participants with a comprehensive understanding of the electricity market dynamics, trading mechanisms, and regulatory frameworks. Through interactive lectures, case studies, and practical exercises, participants will explore the structure of electricity markets, the role of key market participants, and the factors influencing electricity prices and trading strategies.

| Participant Benefits | Venue, Duration and Dates |
|--|---|
| <p>After attending this program, the participants will be able to:</p> <ul style="list-style-type: none"> • Know and interact with experienced professionals and experts in energy markets, trading, regulation, and policy analysis. They provide expert instruction, practical insights, and personalized guidance to maximize participants' learning outcomes. • gain the knowledge and skills needed to navigate and excel in the dynamic and complex world of electricity trading and market operations | <p>Venue: PMI</p> <p>Duration: 3 Days</p> <p>Dates: 7 May to 9 May 2025</p> |
| Course Coverage | Target Audience |
| | NTPC-Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 18) Planning for Superannuation

Objective: Retirement is a significant life transition that requires careful financial, legal, and emotional planning. This three-day program is designed to help NTPC employees approaching superannuation prepare holistically for a secure, fulfilling, and well-planned post-retirement life. The sessions will provide insights into financial security, investment strategies, legal formalities, estate planning, and health & wellness, ensuring a smooth and confident transition into retirement.

| Participant Benefits | Venue, Duration, and Dates |
|---|---|
| At the end of the program participants would gain: <ul style="list-style-type: none"> • Clarity on Superannuation Formalities • Financial Security & Investment Strategies • Legal & Estate Planning for a Worry-Free Future • Health & Well-Being Post-Retirement • Emotional & Social Transition Management | Venue: PMI Duration: 03 days Date: 07 to 09 May 25 16 to 18 July 25 17 to 19 Sept 25 19 to 21 Nov 25 17 to 19 Dec 25 21 to 23 Jan 26 18 to 20 Feb 26 18 to 20 Mar 26 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • Superannuation Formalities from HR • Investment Strategies and Risk Management • Estate Planning and Will Writing • Tax Planning and Maximizing Post-Retirement Savings • Diet, Nutrition and Exercise for Healthy Life • Emotional and Psychological Preparedness for Retirement • Financial Planning for Retirement | NTPC Executives with five or fewer years of service remaining. Learning Methods Lecture, Discussion, etc. Course Director Sayoni Mazumder DGM (HR) sayonimazumder@ntpc.co.in 9425178176 |

| | |
|---|---|
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential subject to availability of rooms at PMI |

S.N. 19) Training on Siemens make Numerical Relays

Objective: Electrical protection plays a critical role in isolation of any abnormal condition in power system and thus ensures availability of a power plant. For last few years, numerical relays have been adopted widely in NTPC Ltd. for electrical protection. Numerical relay not only isolates fault condition in the system but it also captures the vital data to diagnose the fault, reducing break-down time of any equipment. It also provides required real time data to system through SCADA. Siemens make numerical relays: 7SJ series have been installed in HT/LT Switchgears of many stations of NTPC Ltd. This training is aimed to provide a three (03) days hands-on training on Siemens make Numerical relays at PMI in association with Siemens Gurgaon.

| Participant Benefits | Venue, Duration and Dates |
|---|--|
| <p>After attending this program, the participants will be able to:</p> <ul style="list-style-type: none"> Understand various functions of numerical relay Understand various parameters of the Siemens numerical relay Integration within electrical protection system Various protection functions: Short-circuit, Overcurrent, Earth fault, Overload etc. | <p>Venue: PMI</p> <p>Duration: 03 days</p> <p>Dates : 13-15 May 2025</p> |
| Course Coverage | Target Audience |
| <p>Major topics that will be covered during the course</p> <ul style="list-style-type: none"> Relay Settings How to communicate with the relay using a laptop Sequential Event analysis Analysis of fault record | Executives up to E8 |
| | Learning Methods |
| | Lecture and case discussions by experts / consultants. |
| | Course Director |
| | <p>Rahul Gupta Sr. Manager (PMI) rahulgupta01@ntpc.co.in</p> |

| | |
|---|---|
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | Yes |
| Residential /Non-Residential | Residential subject to availability of rooms at PMI |

S.N. 20) PI Users Training

Objective: PI System has already been implemented in all the NTPC stations. The PI system facilitates long-term online availability of process data using its unique storage & compression technology. The program aims to promote a basic understanding of the PI system & the PI tools such as PI Process Book and PI Datalink to make use of PI system data for analysis & MIS purposes.

| Participant Benefits | Venue, Duration, and Dates |
|---|--|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • understand PI Connection Manager, Search Window and options, PI Tag Attributes, PI Tag management & Control, Role of PI TMC, PI Tools Overview (PI-Process book, Datalink, PI-Vision) • Set up for Network for PI, DCOM Configuration of OPC and Interface PC, IT Firewall settings, steps for connecting to a new System in PI, PI Process book for performance monitoring, OPC Server testing | Venue: PMI Duration: 2 days Dates: 13-14 May 2025 01-02 Sep 2025 11-12 Nov 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • PI to SAP data flow, PI-PE, PI-Web-API, PIOLEDB, PI SQL Commander for Bad Tags, PI Linked Server • PI Applications - PI-Alerts, PI-e-Shift Log, PI-THM, TLA/OLA, PI-AF, PI-AF Permissions, I-AF implementation in NTPC, PI-AF for RE stations, PI- AF for Water Dashboard, PI Troubleshooting • PI Server Installation Steps, Interface PC Setup on Windows 10 or later machines steps, PI Server backup along with AF DB restoration procedure, Interface PC Backup and restoration procedure. | C&I and IT executives |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | S K Vishwakarma Sr. Manager (PMI) M/No- 9648474186 skvishwakarma@ntpc.co.in |
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 21) Program C&I Logic and Auto Loops

Objective: The program aims to enhance the competency of operational executives by equipping them with in-depth knowledge of C&I Auto Loops, Run Back Logic, Protection & Interlocks, and CMC Tuning. It focuses on strengthening decision-making and troubleshooting skills to improve efficiency in plant operations.

| Participant Benefits | Venue, Duration, and Dates |
|--|--|
| Operation Executive Competency Development | Venue: Through VC team Date: 13-May-25, 19-May-25, 9-May-25, 23-May-25 Time: 10:00hrs to 13:00hrs, |
| Course Coverage | Target Audience |
| Program C&I Logic and Auto Loops Session on C&I Auto Loops, Run Back logic, Protection and Interlock and CMC Tuning by CCOS C&I | Operation general Shift people Group A, B, C, D |
| | Learning Methods |
| | Through MS Teams VC |
| | Course Director |
| | Manas Kapoor, DGM (OS) Priyank Jain, Manager (PMI) |

| | |
|--|----|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | No |

S.N. 22) Certification program ON OFFSHORE WIND TECHNOLOGIES

Objective: Certification Program on Offshore Wind provides participants with a comprehensive understanding of offshore wind energy development, project planning, and execution. Through a structured curriculum comprising lectures, case studies, site visits, and practical exercises, participants will gain insights into offshore wind technology, project lifecycle, regulatory frameworks, and best practices in project management.

| Participant Benefits | Venue, Duration and Dates |
|---|---|
| <p>After attending this program, the participants will be able to:</p> <ul style="list-style-type: none"> Gain the knowledge and skills needed to contribute to the growth and success of offshore wind projects, advancing the transition towards renewable energy and sustainable development. | <p>Venue: PMI Duration: 3 days Dates: 19 May to 21 May 2025</p> |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> Introduction to offshore wind energy: History, advantages, and global trends Offshore wind turbine technology: Design principles, components, and innovations Site selection and resource assessment: Wind mapping, seabed surveys, and environmental considerations Case studies: Successful offshore wind projects and their key features Site visit or virtual tour: Visit to an offshore wind farm or virtual tour of offshore wind project facilities A comprehensive exam assessing participants' understanding of offshore wind energy fundamentals, project development processes, and management principles | NTPC-Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 23) BOE certification preparatory course

Objective: To enable O&M Engineers acquire Boiler Operation Engineers (BOE) certification after completion of this Preparatory course. The course may also be organised multiple times as per declaration of any state BOE Examinations. Dates are liable to change accordingly.

| Participant Benefits | Venue, Duration and Dates | |
|--|--|-------------|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Pass the examination conducted by boiler directorate of respective states and acquire BOE Certificate. • Availability of Virtual Classroom. | Venue: Online | |
| | Start Date | End Date |
| | 19-May-2025 | 05-Jul-2025 |
| Course Coverage | Target Audience | |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • Basics of measurements • Thermal engineering basics • Steam properties • Water chemistry in power plant • Combustion fundamentals • Evaluation of combustion effectiveness in boiler. | O&M Executives | |
| | Learning Methods | |
| | Lectures / Discussion and case study | |
| | Course Director | |
| | Dr. Anoop Kumar DGM & Sr. Faculty Member (PMI) Mob : 9650996086 Email: anoopkumar@ntpc.co.in | |
| Whether open to external paid participants | No | |
| Whether open to CRM participants | No | |
| Residential /Non-Residential | Online | |

S.N. 24) LEAD (IIMs)

Objective: The program focuses on a basic understanding of the important roles & responsibilities of to-be GeneralManagers.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Appreciate the financial statements. • Understand strategic decision making • Manage diversified teams • Strategic boundary and emergencymanagement. | Venue: IIMs Duration: 6 days Dates: 19.05.2025 24.05.2025 26.05.2025 31.05.2025 26.05.2025 31.05.2025 09.06.2025 14.06.2025 23.06.2025 28.06.2025 30.06.2025 05.07.2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • NTPC Balance Sheet and Other Financial Statements. • Understand the strategy, structure, and behavior of collaboration • Learn tools to resolve conflict and improve decision-making • Identify and create value through analysis of stakeholders' perspectives and interests • The DNA of leadership. | E8 level executives of NTPC. |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Narendra Sharma AGM (PMI) 9650994074 narendrasharma@ntpc.co.in |
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 25) SAMARTH for CHP

Objective: The course aims to provide a comprehensive understanding of the Coal Handling Plant (CHP), its layout, and its significance in power generation. Participants will learn about various CHP components, their functioning, and essential maintenance aspects to ensure operational efficiency. Additionally, the course will cover inspection procedures for key equipment like Paddle Feeders and Wagon Tippers, enhancing technical proficiency and plant reliability.

| Participant Benefits | Venue, Duration, and Dates |
|---|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Understand the layout, importance, and working principles of Coal Handling Plants (CHP). • Gain practical exposure to inspection formats for Paddle Feeders and Wagon Tippers. • Learn about key components, their functions, and essential maintenance practices. | Venue: Online Duration: 4 days Dates: 19-22 May 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • Familiarisation with layout of Coal • Handling system specific to plant • Importance of CHP in power plant • and it's working principle • Various Components in a Coal • Handling Plant and their functioning • in brief. Various Maintenance aspects • of CHP • Formats for Inspection of Paddle • Feeder, Formats for Inspection of • Wagon Tippler | As per the list of executives who have undergone Job Rotation |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752 |

| | |
|---|-----------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non-Residential |

S.N. 26) C&I TG KT Meet

Objective: The objective of the C&I TG KT Meet is to bring together C&I KT members from the TG and Aux areas to share learnings, challenges, and initiatives focused on improving reliability. The discussions will center on enhancing reliability, achieving Zero-Fault Operations (ZFO), reducing single-point vulnerabilities, and mitigating operational challenges.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| Participants will gain valuable insights into reliability improvement strategies, learn from the challenges and initiatives of other stations, and collaborate on solutions to reduce vulnerabilities and achieve Zero Failure Objective (ZFO). They will also receive key takeaways for practical implementation post-meet. | Venue: PMI Duration: 3 days Dates: 19-21 May 2025 |
| Course Coverage | Target Audience |
| Stations Shall share their learnings, challenges, and initiatives taken for reliability improvements in TG & Aux area. Discussion shall be done directed towards Reliability improvements , ZFO , Reducing Single point vulnerabilities and mitigating challenges. | C&I KT members of TG and Aux area |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752 |
| Whether open to external paid participants | NO |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 27) Virtual Reality Module of 800 MW Turbine System

Objective: Safety of man and machine is the prime concern in the industries. Though there are a lot of guidelines and SOPs available for the same, there are not many practical demonstrations of safe procedures. This program aims to provide practical exposure to various safety procedures and the isolation of machines before starting the work through the Virtual Reality and Augmented Reality platform.

| Participant Benefits | Venue, Duration, and Dates | |
|--|--|------------|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> Understand the interior components of systems Understand various safety procedures step by step Understand the isolation procedures of important machines. | Venue: PMI | |
| | Duration: 2 days | |
| | Dates : | |
| | 20.05.2025 | 21.05.2025 |
| | 15.07.2025 | 16.07.2025 |
| | 09.09.2025 | 10.09.2025 |
| | 16.12.2025 | 17.12.2025 |
| | | |
| Course Coverage | Target Audience | |
| Major topics that will be covered during the course <ul style="list-style-type: none"> Basics understanding of AR/VR Basics of Safety procedures interior components of various critical systems Isolation of critical machines/enclosed spaces. | E2-E8 working in O&M, Engineering, OS, etc. of NTPC, SEBs, and other utilities | |
| | Learning Methods | |
| | Lecture and Discussion | |
| | Course Director | |
| | S K Vishwakarma Sr. Manager (PMI) M/No- 9648474186 skvishwakarma@ntpc.co.in | |
| Whether open to external paid participants | Yes | |
| Whether open to CRM participants | Yes | |
| Residential /Non-Residential | Residential subject to availability of rooms at PMI | |

S.N. 28) L&D Meet 2025

Objective: To meet, learn and share the progress in our L&D domain across all projects/stations of NTPC Limited, to address the concerns of RLIs/EDCs and share updates. All the Heads of RLIs, EDCs and Training Department nominated representatives attend the meet as per program.

| Participant Benefits | Venue, Duration and Dates |
|---|---|
| <ul style="list-style-type: none"> Meet and share updates in the L&D function at respective locations. Share progress and updates on the same Address issues pertaining to the training function | Venue : Aurobindo Hall, PMI Duration : 02 days Dates : 21 & 22 May 2025 |
| Coverage | Target Participants |
| <ul style="list-style-type: none"> L&D updates across NTPC | RLI/EDC heads across NTPC |
| | Learning Methods |
| | Interactive session |
| | Course Director |
| | Dr Priti Sambhalwal Manager (HR-PMI) pritisambhalwal@ntpc.co.in |
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non - Residential subject to availability of rooms |

S.N. 29) Certification programme on Power BI

Objective: The Certification Programme on Energy Transition is designed to equip professionals with the knowledge and skills needed to navigate the evolving energy landscape. The program focuses on renewable energy integration, policy frameworks, emerging technologies, and strategies for decarbonization. Participants will gain insights into the challenges and opportunities of transitioning to a sustainable and low-carbon energy system.

| Participant Benefits | Venue, Duration and Dates |
|---|---|
| <ul style="list-style-type: none"> After attending this program, the participants will be able to gain Develop a comprehensive understanding of energy transition trends, policies, and global best practices. Enhance their technical and strategic capabilities in renewable energy adoption, grid modernization, and decarbonization pathways. | Venue: PMI Duration: 3 Days Dates: 28 Apr to 30 Apr 2025 12 Feb to 14 Feb 2026 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> The training will be delivered by industry experts, policymakers, and technical specialists in energy transition. Sessions will include policy analysis, case studies, and interactive discussions on the future of energy systems. | NTPC Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 30) SAP Training for Operation

Objective: The programme helps the participants to learn how to use the operation module in SAP. It focuses on jobs like notification creation, permit issuing, permit closing etc. in SAP.

| Participant Benefits | Venue, Duration and Dates |
|--|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Create various types of notifications • Issue permits for maintenance activities • Budgeting | Venue: online Duration: 02 days Dates : 28-29 May 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • Create various types of notifications • Issue permits for maintenance activities • Budgeting | Executives up to E8 |
| | Learning Methods |
| | Lecture and case discussions by experts / consultants. |
| | Course Director |
| | Rahul Gupta Sr. Manager(PMI) rahulgupta01@ntpc.co.in |
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non-Residential |

S.N. 31) Competency Development based on CPV assessment.

Objective: This program aims at helping the concerned selected executives improve the identified managerial competencies which have come out as areas of development for them in the Competency, Potential and Value (CPV) assessment undertaken through external expert agency.

| Participant Benefits | Venue, Duration and Dates |
|---|--|
| <p>After attending this program, the participants will be able to:</p> <ul style="list-style-type: none"> Understand the requirements, descriptors of particular identified potential /managerial competencies such as Leadership, Resource Management and Admin Ability, Creativity & Innovation for their level / grade, which require to be developed. Get an insight on how they can consciously work towards improving the identified competencies which have come out as areas of development for them. | <p>Venue: PMI</p> <p>Duration: 2 days</p> <p>Dates: May & June , July 2025</p> |
| | Target Audience |
| | <p>Selected executives in respect of whom the identified potential competencies have come out as areas of development in the CPV assessment.</p> <p>By invite</p> |
| Course Coverage | Learning Methods |
| <p>Major Competencies that will be covered during the course.</p> <p>Potential/Managerial competencies which have come out as areas of development in CPV assessment for the select group of executives. For the year 2025-26 the following competencies have been identified for up to E7 Grade</p> <p>Resource Management and Admin Ability</p> <p>Analytical Ability</p> | <p>Lecture, Discussion, Simulation Exercise</p> |
| | Course Director |
| | <p>Dr N Surenthiran</p> <p>AGM(HR)</p> <p>9480842421</p> <p>surenthirannarayanassamy@ntpc.co.in</p> |

| | |
|---|-----------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non-Residential |

S.N. 32 Advance Management Programme (AMP)

Objective: The Advance Management Programme (AMP) aims to equip senior and mid-level executives with strategic leadership skills, financial acumen, regulatory insights, and technological expertise to navigate the evolving energy landscape. The program fosters decision-making capabilities, innovation, and cross-functional collaboration, ensuring participants are well-prepared to lead in a dynamic and competitive environment.

| Participant Benefits | Venue, Duration and Dates |
|---|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> Gain the knowledge and skills needed to unlock the full potential of their data, make data-driven decisions, and drive business success. | Venue: PMI Duration: 12 Days Dates: 2 Jun to 14 Jun 2025 15 Sept to 29 Sept 2025 1 Dec to 12 Dec 2025 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> Leadership & Strategy – Visionary leadership, crisis management. Financial & Risk Management – Investment strategies, carbon markets. Regulatory & Policy Insights – Power markets, sustainability frameworks. Digital Transformation – AI, IoT, blockchain in energy. Future Energy Trends – Renewables, hydrogen economy, microgrids. Stakeholder Management – Communication, negotiation, public relations. | AGM's (E8) |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 33) Samarth for Electrical

Objective: SAMARTH Electrical training programme is designed for the executives under job-rotation from Operations, Erection, C&M, FQA etc. to Electrical Maintenance department. The training is divided into a series of structured sessions, where employees will experience the key functions of the Electrical Maintenance Department. It is aimed to provide working skills and technical knowledge related to work area of Electrical to the manpower. Sessions on Safety are also part of the programme to give safety orientation to the executive under changed working environment. The programme also provides training of SAP modules pertaining to maintenance, permit system, O&M budgeting, Capital budgeting etc. and it also focuses on various features of PRADIP.

| Participant Benefits | Venue, Duration and Dates |
|---|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Gain insights into electrical systems and operations • Learn preventive maintenance and breakdown response • Understand JSA & HIRA processes • Enhance coordination with maintenance & operations • Improve compliance with company policies • Boost efficiency in service delivery | Venue: Online (MS Teams) Duration: 15 days Dates : 02-18 June 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • HT Switchgear system of main plant and other offsite areas • LT Switchgear system of main plant and other offsite areas • DG set O&M • Generator, HT/LT motors, Transformers • Protection System/ESP Operation • DC Battery & Charger system • SAP codes related to maintenance function • Capital budget, spare maintenance • Safety modules | As per the list of executives who have undergone Job Rotation (Executives up to E8) |
| | Learning Methods |
| | Lecture and case discussions by experts / consultants. |
| | Course Director |
| | Rahul Gupta Sr. Manager(PMI) rahulgupta01@ntpc.co.in |

| | |
|---|----------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Not applicable |

S.N. 34) Foundation Course in General Management

Objective: The Program is designed to equip managers with the essential skills, knowledge, and strategic mindset needed to excel in their roles. As key bridges between middle management and frontline teams, managers must navigate complex challenges, drive performance, and foster collaboration. This program enhances managerial effectiveness by developing critical thinking, leadership abilities, decision-making skills, and a holistic understanding of business functions.

| Participant Benefits | Venue, Duration, and Dates |
|---|---|
| <p>After attending this program, the participants will be able to:</p> <ul style="list-style-type: none"> • Interpret financial statements. • Understand the generation cost and related regulations. • Empowered to identify and solve problems and present solutions. • Appreciate innovation and creativity in business solutions. • Learn to build and lead teams. • Practice core values in every stage of decision making. • Understand the Corporate Plan and Objective. | <p>Venue: PMI Duration: Two Weeks Date: 02 to 14 June 25 01 to 13 Sept 25 02 to 14 Feb 26</p> |
| Course Coverage | Target Audience |
| <p>Major topics that will be covered during the course</p> <ul style="list-style-type: none"> • Corporate Plan. • Understanding financial statements. • Problem solving and decision making. • Communication and Presentation skills. • Understanding of the Business Environment • Managing self and others. • Leadership and Team Building. • Creativity and Innovation. • Change Management • Digital Initiatives and Harnessing Data for Business Intelligence • Labour Laws | Mandatory planned intervention for E5 (Managers) |
| | Learning Methods |
| | Lecture, Discussion, Case-Studies |
| | Course Director |
| | <p>Sayoni Mazumder DGM (HR) sayonimazumder@ntpc.co.in 9425178176</p> |

| | |
|---|---|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential subject to availability of rooms at PMI |

S.N. 35) Waste To Energy

Objective: To combat our growing waste issue, waste-to-energy is the ultimate solution. Instead of using fossil fuels for power generation, we can generate power from waste thereby reducing the methane which has a very high greenhouse gas potential. This program aims to provide an overall understanding of various technologies of waste-to-energy

| Participant Benefits | Venue, Duration, and Dates |
|---|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> Understand the basics of waste-to-energy Various technologies of Thermal, Thermomechanical, thermo-chemical, and Biochemical Issues of some waste-to-energy methods Benefits of waste-to-energy. | Venue: Online Duration: 2 days Dates: 03-04 June 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> Understand the basics of waste-to-energy Various technologies of Thermal, Thermomechanical, thermo-chemical and Biochemical Issues of some waste-to-energy methods Benefits of waste-to-energy. | E2-E8 working in O&M, Engineering, OS, etc. of NTPC, SEBs, and other utilities |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752 |

| | |
|---|-----------------|
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non-Residential |

S.N. 36) Operation Executive training in general Shift- Program on Grid Norms

Objective: This program aims to enhance the competency of operational executives by providing in-depth knowledge of the latest grid norms, including DSM, penalties, primary frequency influence, and AGC, enabling them to optimize grid scheduling and compliance effectively.

| Participant Benefits | Venue, Duration, and Dates |
|--|--|
| Operation Executive Competency Development | Venue: Through VC team Dates: 6-Jun-25, 12-Jun-25, 10-Jun-25, 16-Jun-25 Time: 10:00hrs to 13:00hrs |
| Course Coverage | Target Audience |
| Latest Change in Grid Norms, (DSM, Penalty, Primary Frequency Influence , AGC etc) and Grid scheduling | Operation general Shift people Group A, B, C, D |
| | Learning Methods |
| | Through MS Teams VC |
| | Course Director |
| | Manas Kapoor, DGM (OS) Dr. Abhinav Jindal, DGM (PMI) |

| | |
|--|----|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | No |

S.N. 37) SAMARTH for MTP

Objective: The objective is to equip participants with enhanced technical knowledge of operational systems, improving their ability to manage projects and finances efficiently. Participants will gain a deeper understanding of safety, compliance, and auditing processes, ensuring they can mitigate risks effectively. The training will also provide practical skills for using SAP and related modules, enabling participants to optimize business operations and drive continuous improvements across departments.

| Participant Benefits | Venue, Duration, and Dates |
|---|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> Enhanced technical knowledge of various operational systems. Improved efficiency and effectiveness in project and financial management. Stronger understanding of safety, compliance, and auditing processes. Practical skills for implementing and using SAP and related modules to optimize business operations. | Venue: Online Duration: 4 days Dates: 09-12 June 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> MTP overview Audits & compliance Safety ERP-SAP Module ABB module & Pooled spare in SAP OH SAP module: Making projects & Flashreports/S curves OPI system: OPI creation, Engg declaration creation Budgeting system & Procurement Condition Monitoring | As per the list of executives who have undergone Job Rotation |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752 |
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non-Residential |

S.N. 38) Apprenticeship Management & Compliance Workshop

Objective: The Apprentices Act, 1961 was enacted with the Objective to fully utilize the facilities available in industries for imparting practical training and thus developing skilled manpower for industries. This workshop explains how to comply with the provisions with the Act and ensure timely engagement of apprentices in NTPC projects.

| Participant Benefits | Venue, Duration and Dates |
|--|--|
| After attending this programme, the participant will be able to <ul style="list-style-type: none"> • Understand the significance and features of the Apprentice Act 2013 • Learn how to go about with timely compliance. • Understand the portal and its usage • Get queries addressed | Venue: Online Duration: 1 Day Dates: 10 June 2025 |
| Coverage | Target Participants |
| Major topics that will be covered during the course: <ul style="list-style-type: none"> • Key features of the new rules on apprentice engagement • Apprenticeship Schemes • Steps to be done by Units/Projects/Offices in NATS portal for apprentice engagement Usage of the government portals | Apprentice Engagement coordinators from RLI/EDC/HR of each NTPC location |
| | Learning Methods |
| | Interactive session |
| | Course Director |
| | Dr Priti Sambhalwal Manager (HR-PMI) pritisambhalwal@ntpc.co.in |
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Online |

S.N. 39) Capacity building program on combine cycle

Objective: Imbibing higher communication skills, strategic orientation, stakeholder management, and people management skills is a major focus of this program.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| <p>After attending this program, the participants will be able to:</p> <ul style="list-style-type: none"> • Build business leadership capabilities to prepare the participants for the future leadership position. • Understand the unfolding economic environment and challenges before the power sector. • Develop better communication skills • Help participants to learn strategies to align themselves with corporate vision and build change catalysts and effective teams for organization effectiveness. | <p>Venue: PMI</p> <p>Duration: 11 days</p> <p>Dates: 16-26 June 2025</p> |
| Course Coverage | Target Audience |
| <p>Major topics that will be covered during the course</p> <ul style="list-style-type: none"> • Outbound – Leadership, Risk Taking, Conflict Resolution • Boundary Management- • IR & Dispute Resolution • Engaging with external stakeholders • Handling RTIs and other queries • Business Protocol and Decorum (Business Etiquette) • Financial Management • Ethics in Governance/Business Ethics • Govt/DPE Guidelines on HR Policy • Regulatory and Commercial Issues • Business Orientation and Strategic Thinking | Grade - E8 (AGM) |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | <p>Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752</p> |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 40) L&T Switchgear

Objective: The "03-Day Training Program on L&T Switchgear" is designed to provide participants with comprehensive knowledge on the design, operation, installation, maintenance, and troubleshooting of L&T switchgear (LT switchgear). The switchgear is essential for protecting electrical circuits and equipment from faults, ensuring safety, and maintaining efficient electrical distribution systems in residential, commercial, and industrial settings.

| Participant Benefits | Venue, Duration and Dates |
|--|--|
| <p>After attending this program, the participants will be able to:</p> <ul style="list-style-type: none"> Understand the function and operation of different types of LT switchgear. Be able to install, maintain, and troubleshoot LT switchgear. Be familiar with safety standards and regulations governing LT switchgear. Gain hands-on experience in working with LT switchgear and associated components. Understand advanced protection schemes, fault diagnosis, and coordination techniques. | <p>Venue: PMI</p> <p>Duration: 03 days</p> <p>Dates : 16-18 June 2025</p> |
| Course Coverage | Target Audience |
| <p>Major topics that will be covered during the course</p> <ul style="list-style-type: none"> LT switchgear construction Maintenance practices Circuit breakers of L&T make Case Studies of Switchgear Failures and preventive measures | Executives up to E8 |
| | Learning Methods |
| | <p>Lecture and case discussions by experts / consultants</p> <p>Practical demonstrations</p> |
| | Course Director |
| | <p>Rahul Gupta Sr. Manager(PMI) rahulgupta01@ntpc.co.in</p> |

| | |
|---|-------------|
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | Yes |
| Residential /Non-Residential | Residential |

S.N. 41) SAMARTH (C&M) Module

Objective: Samarth modules are specially curated and are mandatory for Executives posted to specific departments from other departments / functions to enable them to discharge their responsibilities more effectively and efficiently. Samarth C&M training is designed to help employees understand the various aspects of C&M department.

| Participant Benefits | Venue, Duration and Dates |
|--|--|
| After attending this Program, the participant will be able to: <ul style="list-style-type: none"> • Understand the basic process of procurement. • Understand the GCC, ITB and other relevant documents specific to C&M. • Understand the deviations and tendering process of C&M | Venue: PMI Noida Duration: 5 days Dates: 16-20 June 2025 08-12 December 2025 23-27 February 2026 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course: <ul style="list-style-type: none"> • Contract Packaging • Tendering • Post Award Activities • Deviations • Pre- Award activities • New practices in C&M | Executives under job rotation (joined C&M department from Non-C&M background) |
| | Learning Methods |
| | Lecture, Discussion, Case-Study etc. |
| | Course Director |
| | Vasudha Sharma Manager (PMI) vasudhasharma@ntpc.co.in |

| | |
|---|--|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential, subject to availability of rooms at PMI |

S.N. 42) Yoga Day Special Program

Objective: The International Day of Yoga has been celebrated across the world annually on June 21 since 2015, following its inception in the United Nations General Assembly in 2014.

| Participant Benefits | Venue, Duration and Dates |
|--|--|
| <ul style="list-style-type: none"> Promoting physical well-being Stress reduction Enhancing focus and concentration Promoting work-life balance Creating a positive work environment Providing a break from sedentary work | Venue : Saraswati Auditorium lobby, PMI Duration : 01 Day Dates : 21 June 2025 |
| Coverage | Target Participants |
| <ul style="list-style-type: none"> Educating about holistic health practices, alongside yoga practice, providing educational sessions on nutrition, mindfulness, and other aspects of holistic health can empower employees to make healthier lifestyle choices both in and out of the workplace. | NTPC Employees |
| | Learning Methods |
| | Yoga practices and techniques through demonstration and participation |
| | Course Director |
| | Dr Priti Sambhalwal Manager (HR-PMI) pritisambhalwal@ntpc.co.in |
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non-Residential |

S.N. 43) Assessor Development Program

Objective: Participants to understand concepts of Excellence. Understanding NTPC Business Excellence Model. Understanding different tools of assessment process. The course will make participants understand the role of assessors in assessment and all Dos and Don'ts of assessment process. The Participants will understand identifying Opportunities for improvement and key strengths. The course will enable participants to write an executive summary and feedback report.

| Participant Benefits | Venue, Duration and Dates |
|--|--|
| At the end of the program, the participants shall be able to: <ul style="list-style-type: none"> • Concepts of Excellence • NTPC BE Model • Radar assessment Tool • Rasmaalai assessment tool • Role of assessors • Dos and Don'ts of assessment process • Identifying Key strengths and OFI • Writing executing summary and feedback report | Venue: PMI Duration :5 days Dates: |
| | Target Audience |
| | E-7/E-8 Function: All Grade: Executives, nomination through CCBE |
| Course Coverage | Learning Methods |
| <ul style="list-style-type: none"> • Concepts of excellence • NTPC business excellence model • Understanding BE assessment process • Understanding Radar tool • Understanding Rasmaalai tool • Role of Assessors • Exercise: Assessment for Enablers/Functions • Writing executive summary and feedback report | Classroom sessions, Case studies, Assessments |
| | Course Director |
| | Dr. Anoop Kumar DGM & Sr. Faculty Member (PMI) Mob : 9650996086 Email: anoopkumar@ntpc.co.in |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 44) Certification program on Pump Storage Hydro

Objective: Training Program on Pump Storage and CEA Technical Program offers participants a comprehensive understanding of pump storage technology and its integration within the context of the Central Electricity Authority (CEA) technical framework. Through a combination of lectures, case studies, and practical demonstrations, participants will gain insights into the design, operation, and regulatory aspects of pump storage systems, as well as the guidelines set forth by the CEA for efficient energy generation and distribution.

| Participant Benefits | Venue, Duration and Dates |
|--|--|
| <p>After attending this program, the participants will be able to gain:</p> <ul style="list-style-type: none"> • Their knowledge and skills in implementing pump storage projects while ensuring compliance with regulatory standards and industry best practices. • In the planning, development, operation, and regulation of pump storage projects. | <p>Venue: PMI Duration: 3 Days</p> <p>Dates: 2 Jul to 4 Jul 2025</p> |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> • The training program will be conducted by experienced professionals and subject matter experts with expertise in pump storage technology, energy regulation, and CEA technical standards. • They will provide comprehensive instruction, practical insights, and guidance to facilitate participants' learning and understanding. | NTPC Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 45) Issues and challenges of maintenance and efficiency in Combined cycle plants

Objective: Various issues and challenges are encountered in maintaining the equipment of CCPP. Similarly, various issues and challenges are encountered in maintaining the efficiency of CCPP. This program aims to discuss various methods/techniques to resolve the issues and challenges of maintenance and efficiency of combined cycle power plants.

| Participant Benefits | Venue, Duration, and Dates |
|---|--|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Appreciate the importance of maintenance of equipment of CCPP • Appreciate the importance of maintenance of efficiencies of equipment of CCPP | Venue: Online Duration: 2 days Dates: 02-03 July 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • Important criteria of project planning • Diagram of a causal relationship with reinforcing and balancing loop • Stock flow diagram showing the project's expenditure. | E2-E8 working in O&M, Engineering, OS, etc. of NTPC, SEBs, and other utilities |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752 |
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non-Residential |

S.N. 46) Young Leaders 10X (Batch 2025-26)

Objective: This is a two-phased program for high potential executives. It has been designed covering various areas such as system thinking, design thinking, entrepreneurial skills, finance, project finance, strategy and tactical planning, power sector regulations and power market etc. Interesting learning methods like business simulation, case studies, business problem solving methods are adopted for making learning truly effective. This is supplemented by a project presentation by the participants during the phase 2.

| Participant Benefits | Venue, Duration and Dates |
|--|---|
| <p>After attending this program, the participants will be able to:</p> <ul style="list-style-type: none"> Enhanced Strategic Thinking and Business Acumen Innovation & Growth Mindset Development Advanced Digital and Analytical Skills Industry Specific Regulatory and Financial Knowledge Leadership, Negotiation and Change Management Skills Personal Branding and Professional Image Management Exposure to Emerging Markets and Sustainability Trends | <p>Venue: PMI Duration :5 days Dates: Module 1 – 07.07.2025 to 11.07.2025(Batch 1) 13.10.2025 to 17.10.2025(Batch 2) Module 2 – 24.11.2025 to 03.12.2025(Batch 1) 12.01.2026 to 21.01.2026(Batch 2)</p> |
| | Target Audience |
| | <p>Selected NTPC young executives (By Invite)</p> |
| Course Coverage | Learning Methods |
| <p>Major topics that will be covered during the course.</p> <ul style="list-style-type: none"> Business Analytics Understanding Finance, Long term planning process Power sector policies / regulations / power market Entrepreneurship Knowledge of analytical tools HR-Organizational Behaviour Communication and Presentation Skills New Business and Technologies. | <p>Special lectures, discussions, case studies, role plays, experiential learning, games, analytics</p> |
| | Course Director |
| | <p>Dr N Surenthiran, AGM (PMI) surenthirannarayananasamy@ntpc.co.in</p> |

| | |
|---|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 47) Certification Program on Eddy Current Testing (ECT) Welds, Level II as per ISO 9712

Objective: The course is designed to provide an understanding of the fundamental theory and applications of Ultrasonic testing and to qualify them to conduct specific ultrasonic tests as per codes and standards. Its content will meet the requirement for certification as Level II as per the practices recommended by SNT-TC-1A of American Society for Non-Destructive Testing (ASNT).

| Participant Benefits | Venue, Duration and Dates | | | |
|---|---|------------|------------|------------|
| After attending this programme, the participant will be able to: <ul style="list-style-type: none">Decide and configure the correct test equipment for Ultrasonic testingCalibrate the test equipmentCarry out Ultrasonic TestingDescribe applicable codes, standards and specifications.Identify limitation of test methodsPrepare test reportInterpret and analyse the results with respect to applicable codes & standards | Venue: Physical Mode Date: <table><tr><td>07-07-2025</td><td>18-07-2025</td></tr></table> | | 07-07-2025 | 18-07-2025 |
| | 07-07-2025 | 18-07-2025 | | |
| | Target Audience | | | |
| Executives(E1-E7) with basic knowledge of manufacturing process, welding and Non-Destructive Techniques from power station working in the areas of Inspection, QA, FQA , Mechanical Erection and Mechanical | | | | |
| | Learning Methods The programme shall be delivered through Lectures, Case studies, quizzes, Practical Demonstration and final Examination. | | | |
| Course Coverage | Course Director | | | |
| Major topics that will be covered during the course: Fundamental of Ultrasonic waves <ul style="list-style-type: none">Familiarization of ultrasonic testing probesCalibration methods, reference blocksStraight and angle beam InspectionFlaw detection, Defects location, sizing, standardizationInterpretation and Evaluation of defectsPreparation of an Ultrasonic procedureVarious standards codes and SpecificationsPractical demonstrations & test | Dr. Anoop Kumar DGM & Sr. Faculty Member (PMI) Mob : 9650996086 anoopkumar@ntpc.co.in | | | |

| | |
|---|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 48) Orientation programme for Business Unit Heads

Objective: This program is intended to familiarize them with all the important aspects of managing the issues arising from time to time.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Appreciate the Role and responsibilities of BUHs • fulfill the statutory responsibilities • appreciate various statutory laws • appreciate CSR, DOP, contract closing, DRC, and Land acquisition • Appreciate vigilance, RTI, safety, and emerging technologies. | Venue: Online Duration: 3 weeks (Half days) Dates: 07-26 June 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • Laws/acts related to Factory Act, IBR, Environment, ID Act, CLRA Act • Boundary Management • CSR, DOP, contract closing, DRC, Land acquisition • External Stakeholder Management | BUHs |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Narendra Sharma AGM (PMI) 9650994074 narendrasharma@ntpc.co.in |
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non-Residential |

S.N. 49) SAMARTH for Offsite Maintenance

Objective: The course aims to provide a comprehensive understanding of the design, operation, and maintenance aspects of RW Water, CW, and Fire Water Systems, including associated pumps. Participants will gain insights into the working principles and upkeep of these critical systems. Additionally, the course will cover the design concepts and maintenance aspects of the Demineralization (DM) Plant, enhancing technical knowledge and operational efficiency.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Gain in-depth knowledge of RW water, CW, and Fire Water systems, along with DM plant operations. • Learn design concepts, maintenance procedures, and troubleshooting techniques for pumps and water systems. | Venue: Online Duration: 8 days Dates: 07-14 July 2025 09-16 Feb 2026 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • Brief Introduction, Design Concepts and Maintenance aspect Of RW water, CW and Fire water Systems & pumps • Brief Introduction, Design Concepts and Maintenance aspect Of DM Plant | As per the list of executives who have undergone Job Rotation |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752 |

| | |
|---|-----------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non-Residential |

S.N. 50) Financial Planning at 40s

Objective: This two-day program is designed for NTPC executives aged 40-50 years to help them make informed financial decisions, optimize savings, manage risks, and plan for a secure future. It will cover investment strategies, tax planning, retirement preparation, and risk management, ensuring financial stability in the years ahead.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| <p>At the end of the program the participants would:</p> <ul style="list-style-type: none"> • Understand income, expenses, liabilities, and savings • Learn asset allocation across mutual funds, stocks, bonds, and real estate • Maximize savings with smart tax planning • Learn strategies to reduce and eliminate financial liabilities • Understand will writing, wealth transfer, and nominee essentials | <p>Venue: PMI Duration: 02 days Date: 07 to 08 July 25 09 to 10 Feb 25</p> |
| Course Coverage | Target Audience |
| <p>Major topics that will be covered during the course</p> <ul style="list-style-type: none"> • Comprehensive Financial Planning • Smart Investment Strategies • Tax Optimization & Savings • Retirement Readiness • Insurance & Risk Estate & Succession Planning • Debt Management & Avoiding • Personalized Financial Roadmap | <p>NTPC Executive within the age group pf 40 to 50 years</p> |
| | Learning Methods |
| | Lecture, Discussion, etc. |
| | Course Director |
| | <p>Sayoni Mazumder DGM (HR) sayonimazumder@ntpc.co.in 9425178176</p> |

| | |
|---|-----------------|
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non-Residential |

S.N. 51) Program on Operation related OGN / OIN/ OD Discussion/Human error tripping's in Last 06 Month

Objective: The program aims to enhance the competency of operation executives by analysing past operational challenges, human error-related tripping incidents, and key learnings to improve efficiency, safety, and reliability in plant operations.

| Participant Benefits | Venue, Duration, and Dates |
|---|--|
| Operation Executive Competency Development | Venue: Through VC team Date: 8-Jul-25, 14-Jul-25, 28-Jul-25, 18-Jul-25 Time: 10:00hrs to 13:00 hrs |
| Course Coverage | Target Audience |
| Program on Operation related OGN / OIN/ OD Discussion or Human error tripping's in Last 06 Month <ul style="list-style-type: none"> • Discussion on OGN / OIN / OD Pertaining to Operation. • Discussion on Human error tripping's in last 06 Month and ways to avoid them. • Increasing competency of Operation executives through Past Learning's | Operation general Shift people Group A, B, C, D |
| | Learning Methods |
| | Through MS Teams VC |
| | Course Director |
| | Manas Kapoor, DGM (OS) Priyank Jain, Manager (PMI) |

| | |
|---|----|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | No |

S.N. 52) OFFICE 365 & MS-SHAREPOINT training workshop

Objective: Gain an overview of Office 365 components and their business benefits. Learn to manage emails, calendars, and tasks efficiently. Master collaboration using Office 365 Groups, Teams, SharePoint, and OneDrive. Streamline document management through co-authoring and workflow automation. Explore communication tools like Microsoft Stream, Viva Apps, Forms, and Sway. Optimize SharePoint usage by creating and managing team sites. Utilize built-in automation to improve business processes. Apply learning through hands-on projects and real-world Office 365 and SharePoint applications.

| Participant Benefits | Venue, Duration and Dates |
|--|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Improved Efficiency – Learn to streamline document sharing, collaboration, and communication. • Hands-on Experience – Work on live projects and practical exercises using Office 365 and SharePoint. • Better Productivity – Leverage automation and AI-powered tools to reduce manual workload. • Enhanced Collaboration – Understand how to use SharePoint, Teams, and OneDrive for teamwork. • Certification Readiness – Build a strong foundation for Microsoft Office 365 and SharePoint certifications. | Venue: PMI Duration :3 days Dates :14-16 th July 2025 |
| | Target Audience |
| | HR Executives (Up to E7) |
| Course Coverage | Learning Methods |
| Major topics that will be covered during the course. <ol style="list-style-type: none"> 1. Introduction to Office 365 & Cloud Services 2. Email & Task Management in Outlook 3. Collaboration Tools & Teamwork in Office 365 4. Fundamentals of Microsoft SharePoint 5. Advanced SharePoint Features & Site Management 6. Document Collaboration & Workflow Automation 7. Practical Applications & Hands-on Projects | Presentation and Hands on Experience |
| | Course Director |
| | Dr N Surenthiran AGM(HR) 9480842421 surenthirannarayanamy@ntpc.co.in |

| | |
|---|------------------------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential /Non Residential |

S.N. 53) Certification programme on onshore wind technologies

Objective: This program aims to provide a comprehensive understanding of onshore wind energy technologies, project development, and operational best practices. Participants will gain insights into wind resource assessment, turbine technologies, grid integration, and policy frameworks.

| Participant Benefits | Venue, Duration and Dates |
|--|--|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Understand wind farm planning, design, and operation. • Learn about advancements in turbine technology and efficiency optimization. | Venue: Online Duration: 3 Day Dates: 17 Jul to 16 Aug 2025 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> • Delivered by experts in wind energy, grid integration, and policy. • Topics include wind resource assessment, project development, operations & maintenance, and emerging technologies. | NTPC Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|---|--------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Online |

S.N. 54) Training on Schneider make Numerical Relays

Electrical protection plays a critical role in isolation of any abnormal condition in power system and thus ensures availability of a power plant. For last few years, numerical relays have been adopted widely in NTPC Ltd. for electrical protection. Numerical relay not only isolates fault condition in the system but it also captures the vital data to diagnose the fault, reducing break-down time of any equipment. It also provides required real time data to system through SCADA.

Schneider make numerical relays: Vamp 57 have been installed in HT/LT Switchgears of many stations of NTPC Ltd. This training is aimed to provide a three (03) days hands-on training on Schneider make Numerical relays at PMI in association with SEL Bangalore.

| Participant Benefits | Venue, Duration and Dates |
|--|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Understand various functions of numerical relay • Understand various parameters of the SEL numerical relay • Integration within electrical protection system • Various protection functions: Short-circuit, Overcurrent, Earth fault, Overload etc. | Venue: PMI Duration: 03 days Dates : 15-17 July 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • Relay Settings • How to communicate with the relay using a laptop • Sequential Event analysis • Analysis of fault record | Executives up to E8 |
| | Learning Methods |
| | Lecture and case discussions by experts / consultants. |
| | Course Director |
| | Rahul Gupta Sr. Manager(PMI) rahulgupta01@ntpc.co.in |

| | |
|---|---|
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | Yes |
| Residential /Non-Residential | Residential subject to availability of rooms at PMI |

S.N. 55) Samarth RE

Objective: SAMARTH RE training programme is designed for the executives under job-rotation from Operations, Erection, C&M, FQA etc. to Renewable Energy department. The training is divided into a series of structured sessions, where employees will understand the key functions of the project construction of a RE project. Sessions on Safety are also part of the programme to give safety orientation to the executive under changed working environment.

| Participant Benefits | Venue, Duration and Dates |
|---|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Understand initial stage of a RE Project • Understand Piling work and strategies for faster execution at site • PV Module Erection and DC cabling • Liaisoning with multiple stakeholders • Project commissioning | Venue: online (MS Teams) Duration: 06 days Date: 21-26 July 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • Piling Work • Solar PV • DC cabling • Inverter Erection • HT/LT Switchgear erection • Project Commissioning | As per the list of executives who have undergone Job Rotation (Executives up to E8) |
| | Learning Methods |
| | Lecture and case discussions by experts / consultants. |
| | Course Director |
| | Rahul Gupta Sr. Manager(PMI) rahulgupta01@ntpc.co.in |

| | |
|---|----------------|
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Not applicable |

S.N. 56) Training on MS Project

Objective: Microsoft Project is a project management software that helps professionals plan, execute, and track projects effectively. Microsoft Project offers the tools to organize tasks, allocate resources, track timelines, and ensure that everything is completed efficiently. The objective of this training program is to equip the end users at various projects & stations with the working knowledge of Microsoft Project tool which will enable them to efficiently and effectively manage and co-ordinate the various sub-activities of a target activity viz. overhauling of a unit, readiness of a system, project activities etc.

| Participant Benefits | Venue, Duration and Dates |
|---|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> Effectively manage activity plan Budget planning Monitoring & controlling and updating the activities Conduct Variance Analysis Accurately predict, plan and manage the required resources and the project budget Generate Project MIS | Venue: PMI Duration :3 days Batch-1 Dates :21-23 July 2025 Batch-2 Dates: 12-14 January 2026 |
| | Target Audience |
| | Executives up to E8 |
| Course Coverage | Learning Methods |
| Major topics that will be covered during the course <ul style="list-style-type: none"> Project scheduling and monitoring tool Project management lifecycle phases Features offering of Microsoft Project | Class room sessions Practice with MS Project tool on computer |
| | Course Director |
| | Rahul Gupta Sr. Manager(PMI) rahulgupta01@ntpc.co.in |

| | |
|---|---|
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | Yes |
| Residential /Non-Residential | Residential subject to availability of rooms at PMI |

S.N. 57) Advanced Model Based Control loop turning concepts

Objectives: The objective of this 5-day training is to provide C&I members with a comprehensive understanding of advanced control loop tuning concepts. Participants will learn about different types of control loops, model-based tuning techniques, process modeling with Matlab Simulink, and PID tuning methods. The training aims to enhance performance, stability, and robustness while enabling faster and more accurate tuning for better operational efficiency.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| Participants will enhance their understanding of advanced control loop tuning techniques, gaining practical skills in model-based tuning and process modeling with Matlab Simulink. They will improve their ability to achieve faster, more accurate tuning, resulting in better system performance, stability, and robustness. This training will also provide valuable insights into adaptive and predictive control methods, optimizing operational efficiency. | Venue: PMI Duration: 5 days Dates: 21-25 July 2025 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> Types of control loops training on control loops Model-Based Tuning Process Modelling using Matlab Simulink PID Tuning Methods Adaptive and Predictive Control Experiences of EPRI SDF. | C&I Executives |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752 |
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 58) Certification programme on energy transition

Objective: The Certification Programme on Energy Transition is designed to equip professionals with the knowledge and skills needed to navigate the evolving energy landscape. The program focuses on renewable energy integration, policy frameworks, emerging technologies, and strategies for decarbonization. Participants will gain insights into the challenges and opportunities of transitioning to a sustainable and low-carbon energy system.

| Participant Benefits | Venue, Duration and Dates |
|---|--|
| <ul style="list-style-type: none"> After attending this program, the participants will be able to gain Develop a comprehensive understanding of energy transition trends, policies, and global best practices. Enhance their technical and strategic capabilities in renewable energy adoption, grid modernization, and decarbonization pathways. | Venue: PMI Duration: 3 Days Dates: 23 Jul to 25 Jul 2025 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> The training will be delivered by industry experts, policymakers, and technical specialists in energy transition. Sessions will include policy analysis, case studies, and interactive discussions on the future of energy systems. | NTPC Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 59) Training system in SAP

Objective: The objective of this training is to provide the knowledge related to training system and to understand the related SAP T-codes, to maintain the training data of respective project efficiently.

| Participant Benefits | Venue, Duration and Dates |
|--|--|
| After attending this Program, the participant will be able to: <ul style="list-style-type: none"> • Understand the basic training system • Manage time and resources in an efficient manner • Maintain the related data in SAP • Fetch the required data for training inputs | Venue: Online Duration: 02 days Dates: 24-25 July 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course: <ul style="list-style-type: none"> • SAP T-codes related to training • Data Maintenance for training area • Linkage of SAP and ESS related to training • Manage the training data of respective project efficiently | Executives dealing with training roles |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Vasudha Sharma Manager (PMI) vasudhasharma@ntpc.co.in |

| | |
|---|--|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential, subject to availability of rooms at PMI |

S.N. 60) Certification on Smart Grid Technologies & RE integration

Objective: This certification program aims to provide professionals with in-depth knowledge of smart grid technologies, renewable energy (RE) integration, and grid modernization. It covers advanced concepts in digitalization, automation, grid resilience, and real-time energy management, enabling participants to implement sustainable and efficient energy solutions.

| Participant Benefits | Venue, Duration and Dates |
|--|--|
| <ul style="list-style-type: none"> Gain expertise in smart grid infrastructure, energy storage, and demand response mechanisms. Understand the challenges and solutions for seamless renewable energy integration into the power grid. | Venue: PMI Duration: 3 Days Dates: 4 Aug to 6 Aug 2025 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> The program will be conducted by leading experts in smart grid development, digital energy systems, and renewable integration. It will include case studies, interactive discussions, and hands-on demonstrations of smart grid applications. | NTPC Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 61) Executive Communication Mastery: Leading with Impact

Objective: This two-day immersive program is designed to help executives master high-impact communication skills essential for leadership presence, influence, and business success. The program integrates modern corporate communication trends, including executive storytelling, digital communication, AI-powered business writing, and strategic persuasion techniques to help executives communicate with clarity, confidence, and authority.

| Participant Benefits | Venue, Duration and Dates |
|--|---|
| At the end of the program participants would learn to: <ul style="list-style-type: none"> • Develop a powerful executive presence to command attention and respect • Storytelling & strategic persuasion to influence key stakeholders • Enhance business writing & digital communication with AI-driven tools • Refine public speaking & virtual communication for maximum impact • Build a strong personal leadership brand for career growth | Venue: PMI Duration: 02 days Date: 4 to 5 Aug 25 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course: <ul style="list-style-type: none"> • Strategic Leadership Communication • Advanced Communication & Persuasion Techniques | NTPC Executives (E2 to E8) |
| | Learning Methods |
| | Interactive lecture sessions & real-world case studies, AI-powered business writing & digital communication exercises |
| | Course Director |
| | Sayoni Mazumder DGM (HR) sayonimazumder@ntpc.co.in 9425178176 |

| | |
|---|-----------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non-Residential |

S.N. 62) QGIS Software Training

Objective: This program aims to equip participants with practical knowledge of Geographic Information Systems (GIS) and Remote Sensing techniques for effective watershed analysis. Through hands-on training in QGIS and AutoCAD, participants will learn to analyze drainage patterns, delineate catchment areas, and perform volumetric assessments for hydrological studies, enhancing their technical proficiency in water resource management.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> Watershed Analysis methods including DEM (Digital Elevation Model) creation Contour mapping techniques Flow accumulation analysis for hydrological studies Flow Direction determination for water flow modeling Drainage pattern analysis using GIS tools Identification and delineation of Watershed Basins and Catchment areas Area Delineation techniques in GIS Road Alignment Embankment Quanti Calculation for volumetric assessments | Venue: PMI Duration: 2 day Dates: 05-06 August 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course. <ul style="list-style-type: none"> Introduction to Geographic Information Systems (GIS). Introduction to Remote Sensing Techniques. Introduction to Quantum Geographic information System (QGIS) software Data browsing methods for GIS locations. Watershed Analysis Auto CAD Hands-on Exercise - Auto CAD | Hydro Group |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752 |
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 63) Contracts & Purchase Mgmt. For Non-C&M Exec

Objective: The goal of this course is to understand the process of Contract Management systematically and effectively. It will help to manage the contract creation, execution and analysis of contract management effectively to obtain maximum operational and financial performance.

| Participant Benefits | Venue, Duration and Dates |
|--|---|
| After attending this programme, the participant will be able to: <ul style="list-style-type: none"> • Understand the basic process of procurement • Manage time and resources in an efficient manner • Understand the deviations and tendering process of C&M | Venue: PMI Noida Duration: 3 Days Date: 05-07 August 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course: <ul style="list-style-type: none"> • Contract Packaging • Tendering • Post Award Activities • Deviations • Pre- Award activities • New practices in C&M | Executives with any engineering background, working in Plant Operation, Maintenance, Engineering, OS etc. (other than C&M) of NTPC. |
| | Learning Methods |
| | Lecture and Discussions |
| | Course Director |
| | Vasudha Sharma Manager (PMI) vasudhasharma@ntpc.co.in |
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential, subject to availability of rooms at PMI |

S.N. 64) Certification programme on sustainability & net zero for power sector

Objective: This program is designed to equip professionals in the power sector with comprehensive knowledge of sustainability principles, net-zero strategies, and decarbonization pathways. It focuses on climate risk management, carbon neutrality, energy efficiency, and emerging policies that drive the transition towards a sustainable energy future.

| Participant Benefits | Venue, Duration and Dates |
|--|--|
| <ul style="list-style-type: none"> Gain insights into net-zero targets, carbon accounting, and emission reduction strategies. Understand the role of renewable energy, hydrogen, CCUS (Carbon Capture, Utilization, and Storage), and energy efficiency in achieving sustainability goals. | Venue: PMI Duration: 3 days Dates: 12 Aug to 14 Aug 2025 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> Sessions will be conducted by industry leaders, sustainability experts, and policymakers. The program includes case studies, scenario analysis, and interactive discussions on net-zero roadmaps for the power sector. | NTPC Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 65) Certification programme on Data Analytics

Objective: The main objective of this training is to develop multi-disciplinary skill sets to enhance policy and decision-making and steer big projects.

| Participant Benefits | Venue, Duration, and Dates |
|--|--|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Learn different techniques of data analytics. • Speed up the decision-making. • Learn Visualization techniques and statistical techniques. | Venue: PMI Duration: 5 days Dates: 18-22 August 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • Programming techniques • Practical & real-time case studies | E2-E8 working in O&M, Engineering, OS, etc. of NTPC, SEBs, and other utilities |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | S K Vishwakarma Sr. Manager (PMI) M/No- 9648474186 skvishwakarma@ntpc.co.in |
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 66) Prep. Course certification Energy manager & auditor

Objective: The preparatory programme will provide the participants comprehensive inputs regarding all the subjects covered in the four papers prescribed for Energy Auditor to appear in national level examination conducted under the aegis of Bureau of Energy Efficiency (BEE) to become certified Energy Auditor/Manager.

| Participant Benefits | Venue, Duration and Dates | |
|---|---|-------------|
| After attending this programme, the participant will be able to <ul style="list-style-type: none">Understand all four subjects and prepare systematically to pass the Examination.Function efficiently as Energy Auditor.Analyse and diagnose the typical areas for energy improvement. | Venue: Online Mode | |
| | 22-Aug-2025 | 27-Aug-2025 |
| | Target Audience | |
| | NTPC executives | |
| | Learning Methods Lectures, Discussion, etc. | |
| Course Coverage | Course Director | |
| Major topics that will be covered during the course: Major topics that will be covered during the course: <ul style="list-style-type: none">Basic principles of energy management and audit Energy action planningProject managementEnergy monitoring and targetingEnergy efficiency in thermal utilitiesBoilers, steam systems, insulation and refractoriesEnergy performance assessment for equipment and utility systemsPreparation for the examination | Dr. Anoop Kumar DGM & Sr. Faculty Member (PMI) Mob : 9650996086 anoopkumar@ntpc.co.in | |

| | |
|---|--------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Online |

S.N. 67) Gender Sensitivity & POSH Awareness Workshop

Objective: As UNESCO puts it across, gender sensitivity is required to increase awareness of gender issues, suggest guidelines for a gender-sensitive approach at workplace, and promote respect for the equally valid roles that men and women play in their families, their communities, their work and their nations.

The program aims at giving insights into 'gender', changing behaviour and instilling empathy into the views that we hold about each other. It also discusses POSH Act of 2013 in detail.

| Participant Benefits | Venue, Duration and Dates |
|---|---|
| <ul style="list-style-type: none"> Understanding the framework of gender at workplace and reacted biases. Ways to avoid Gender biased decisions, statements and remarks. Demonstrate the appropriate gender-neutral traits and triggers. Awareness on "The Sexual Harassment at Workplace (Prevention, Prohibition and Redressal) Act, 2013 Identifying the ways to create a Conducive Workplace | Venue : Aurobindo Hall, PMI Duration : 02 Days Dates : 25 & 26 August, 2025 |
| Coverage | Target Participants |
| <ul style="list-style-type: none"> Understanding concept of 'gender' Gender stereotyping and biases Gender at workplace Evolution of 'Vishakha guidelines' Features of "The Sexual Harassment at Workplace (Prevention, Prohibition and Redressal) Act, 2013 | NTPC Executives in E1 to E8 level |
| | Learning Methods |
| | Highly interactive games, simulations, role-play, storytelling and discussions |
| | Course Director |
| | Dr Priti Sambhalwal Manager (HR-PMI) pritisambhalwal@ntpc.co.in |
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 68) Certification program on financial modelling & valuation analysis

Objective: Certification Program on Financial Modeling & Valuation Analysis offers an intensive and immersive learning experience focused on equipping participants with advanced skills in financial modeling and valuation techniques. Through a combination of theoretical knowledge, hands-on exercises, and real-world case studies, participants will develop proficiency in constructing complex financial models and conducting comprehensive valuation analyses.

| Participant Benefits | Venue, Duration and Dates |
|---|--|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Gain skills in financial modeling and valuation analysis. • Secure a solid understanding of accounting principles and proficiency in Excel. • Obtain a certification in financial modeling and valuation analysis | Venue: PMI Duration: 3 days Dates: 25 Aug to 27 Aug 2025 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> • Introduction to Financial Modeling Fundamentals • Advanced Financial Modeling Techniques • Valuation Analysis Methods • Valuation Modeling and DCF Analysis • Advanced Valuation Techniques and Case Studies | Finance & Project Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|---|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 69) SAMARTH Turbine Maintenance Module

Objective: This program is aimed to provide an overall awareness about the functioning of the steam turbine governing system, various protections available in high capacity turbines, and their automatic testing methods.

| Participant Benefits | Venue, Duration, and Dates |
|---|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> Understand the basics of speed governing and types of governing methods. Describe the working of trip gear, starting device, speeder gear, hydraulic / electro-hydraulic converter etc. Gain deeper knowledge about various oil signals associated with turbine governing systems. Know turbine rolling in hydraulic/electro-hydraulic governors. Understand the working of various turbine protection systems such as over-speed, low vacuum etc. Describe the working of Automatic Turbine Test. Know the functioning of Turbine Stress Evaluator/Controller. Know the basics of turbine speed, load and pressure control. | Venue: Online Duration: 8 days Dates: 25 Aug to 01 Sep 2025 09-13 Mar 2026 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> Modelling of Turbine and Governor Importance of speed droop and inertia Various systems associated with KWU, LMZ, and other major steam turbine governing Turbine Protections, Load shedding relay, trimming device Automatic Turbine Test, Automatic Turbine Run-up System Turbine Stress Evaluator/Controller Site visit of BHEL-Haridwar manufacturing unit | As per the list of executives who have undergone Job Rotation |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752 |

| | |
|---|-----------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non-Residential |

S.N. 70) Mastering Conflict Management: Strategies for Effective Resolution

Objective: This program is designed to help executives develop essential skills for understanding, managing, and resolving workplace conflicts effectively. It focuses on strategic communication, negotiation, emotional intelligence, and leadership approaches to turn conflicts into opportunities for collaboration and innovation.

| Participant Benefits | Venue, Duration, and Dates |
|--|--|
| <p>At the end of the program participants would be able to:</p> <ul style="list-style-type: none"> Identify sources and types of workplace conflicts Manage emotions and respond strategically Foster constructive dialogues and active listening Apply techniques to resolve disputes effectively Convert conflicts into opportunities for growth Strengthen decision-making in high-pressure situations | <p>Venue: PMI</p> <p>Duration: 02 days</p> <p>Date: 25 to 26 Aug 25</p> |
| Course Coverage | Target Audience |
| <p>Major topics that will be covered during the course</p> <ul style="list-style-type: none"> Understanding Conflict in the Workplace Emotional Intelligence & Conflict Resolution Effective Communication & De-escalation Techniques Negotiation & Mediation Skills Turning Conflict into Collaboration Leadership & Decision-Making in Conflict Situations Action Plan & Practical Applications | NTPC Executives (E4 to E8) |
| | Learning Methods |
| | Lecture, Discussion, etc. |
| | Course Director |
| | <p>Sayoni Mazumder</p> <p>DGM (HR)</p> <p>sayonimazumder@ntpc.co.in</p> <p>9425178176</p> |

| | |
|---|-----------------|
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non Residential |

S.N. 71) Safety-learnings from past incidents (CC-SAFETY)

Objective: The program aims to enhance the competency of operation executives by analysing past safety incidents, identifying deviations in practices, and implementing preventive measures to improve operational safety and efficiency.

| Participant Benefits | Venue, Duration, and Dates |
|---|--|
| Operation Executive Competency Development | Venue: Through VC team Date: 25-Aug-25, 7-Aug-25, 5-Aug-25, 19-Aug-25 Time: 10:00hrs to 13:00hrs |
| Course Coverage | Target Audience |
| Discussion on safety Incidences happed across NTPC deviation in Practices and recommendations to avoid them | Operation general Shift people Group A, B, C, D |
| | Learning Methods |
| | Through MS Teams VC |
| | Course Director |
| | Manas Kapoor, DGM (OS) Dr. Anoop Kumar, DGM & Sr. Faculty Member (PMI) |

| | |
|--|----|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | NA |

S.N. 72) Behaviour Aspect of Human error/ Basics of FGD

Objective: This program aims to enhance the competency of Operation Executives by equipping them with essential knowledge of NTPC's commercial operations, balance sheet analysis, and techno-commercial roles. Participants will gain insights into operational decision-making and process optimization to improve overall efficiency.

| Participant Benefits | Venue, Duration, and Dates |
|---|---|
| Operation Executive Competency Development | Venue: Through VC team Date: 15-Dec-25, 5-Dec-25, 11-Dec-25, 1-Dec-25 Time: 10:00hrs to 13:00hrs |
| Course Coverage | Target Audience |
| NTPC Commercial knowledge. NTPC Balance Sheet Discussion Operation role in Techno commercial Operation. | Operation general Shift people Group A, B, C, D |
| | Learning Methods |
| | Through MS Teams VC |
| | Course Director |
| | Manas Kapoor, DGM (OS) S K Vishwakarma, Sr. Manager (PMI) |

| | |
|---|----|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | NA |

S.N. 73) Refresher program for NTPC BE model

Objective: Senior assessors to revisit NTPC Business Excellence Model. Understanding of key Strategic and Operational challenges faced by NTPC stations. The Participants will understand Key Opportunities for improvement using previous year feedback reports. The course will help assessors in how to identify key site issues during assessment and writing an effective feedback report.

| Participant Benefits | Venue, Duration and Dates | | | | | | |
|---|--|------------|----------|------------|------------|-------------|-------------|
| At the end of the program, the participants shall be able to : <ul style="list-style-type: none"> Understanding Key Strategic and Operational Challenges Understanding Key Opportunities for Improvement Identifying Key Site Visit Issues Assessment for Enablers/Functions Writing an Effective Feedback Report. | Duration: Venue : PMI Dates: <table border="1"> <tr> <th>Start Date</th><th>End Date</th></tr> <tr> <td>4-Sep-2025</td><td>5-Sep-2025</td></tr> <tr> <td>18-Sep-2025</td><td>19-Sep-2025</td></tr> </table> | Start Date | End Date | 4-Sep-2025 | 5-Sep-2025 | 18-Sep-2025 | 19-Sep-2025 |
| Start Date | End Date | | | | | | |
| 4-Sep-2025 | 5-Sep-2025 | | | | | | |
| 18-Sep-2025 | 19-Sep-2025 | | | | | | |
| Course Coverage | Target Audience | | | | | | |
| <ul style="list-style-type: none"> NTPC business excellence model overview Maturity Level Assessment Matrices Understanding key OFI. Identifying key site visit issues Exercise: Assessment for Results Exercise: Assessment for Enablers/Functions Exercise: Writing an Effective Feedback Report | All Assessors Function: All Grade: Executives nomination through CC-BE Learning Methods Classroom sessions, Case studies, Assessments Course Director Dr. Anoop Kumar DGM & Sr. Faculty Member (PMI) Mob : 9650996086 Email: anoopkumar@ntpc.co.in | | | | | | |

| | |
|---|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 74) Emotional Intelligence

Objective: The goal of this training is to help develop the ability to manage both self-emotions and understand the emotions of people around. There are five key elements to EI: self-awareness, self-regulation, motivation, empathy, and social skills. Emotional intelligence (EI), also known as emotional quotient (EQ), is ***the ability to perceive, use, understand, manage, and handle emotions***. Keeping in view the need of current scenario to effectively put your message forward, these skills will help not only to present your data effectively but also engaging with them.

| Participant Benefits | Venue, Duration and Dates |
|--|---|
| After attending this program, the participant will be able to: <ul style="list-style-type: none"> • Improve EQ. • Recover from emotional outburst. • Handle difficult conversations. | Venue: PMI, Noida Duration: 2 Days Date: 04-05 September 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course: <ul style="list-style-type: none"> • Stress Management • Importance of empathy • Mindfulness • Neutralize unproductive behaviours • Improving EQ | All executives |
| | Learning Methods |
| | Lecture and Discussions |
| | Course Director |
| | Vasudha Sharma Manager (PMI) vasudhasharma@ntpc.co.in |

| | |
|--|--|
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | Yes |
| Residential /Non-Residential | Residential, subject to availability of rooms at PMI |

S.N. 75) Certification Program on RTFI LEVEL- II as per ISO 9712

| Objective | Duration | |
|--|---|-----------------|
| The examination of welded joints coming in high pressure & high temperature pipelines as well as in Boiler (welded during construction or during overhauling) by Radiographic Testing is mandatory as per the ASME Section – IX, IBR & other governing standards and therefore it is essential for the engineer who is going to evaluate RT films of those welded joints to have desired qualification and certification for RT Films interpretation as per the governing standards. Physical training Is organised for the candidates who have already cleared online module. After the training, an examination will be conducted on theory & practical as per requirements of ISO 9712. Qualifiers will be given RT Films Interpretation Level – II, ISO 9712 certificate, which is valid Worldwide in all industries. | Start Date | End Date |
| | 07-Jul-2025 | 12-Jul-2025 |
| | Lecture, Discussion, Practical, Case-Study etc. | |
| Participant Benefits After attending this program, the participants will be able to: <ul style="list-style-type: none">• Understand the concepts of Physics involved in Radiographic Testing (RT)• Understand the Imaging Technique, about source, film, Sensitivity etc.• Understand correct interpretation of weld defects revealed in imaging• Get qualification Certificate from TWI-UK after qualifying in the examination. | | |
| Course Coverage Major topics that will be covered during the course <ul style="list-style-type: none">• Theoretical Concepts of Radiographic Testing• Complete coverage & understanding of all technical terms involved like• sensitivity, density, contrast etc. involved in RT imaging• Exposure to large number of Standard RT Films of welded joints of• pipes & tubes with all types of defects for understanding and practice• Extensive Practical on number of weld defect pieces.• Phase Tests during training. | Target Audience FQA/CQA/selected participants | |
| | Course Director Dr. Anoop Kumar DGM & Sr. Faculty Member (PMI) Mob : 9650996086 anoopkumar@ntpc.co.in | |
| | | |
| Whether open to external paid participants | No | |
| Whether open to CRM participants | No | |
| Residential /Non-Residential | Residential | |

S.N. 76) IT Network basics and administration

Objective: Security Administrator provides an understanding of the concepts and skills necessary to configure Firewall Security Gateway and Management Software Blades. During this course, you will configure a Security Policy and learn about managing and monitoring a secure network. In addition, you will upgrade and configure a Security Gateway to implement a virtual private network for internal, external, and remote users.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • The course will enable me to gain knowledge in Network Administration • To understand about Firewalls, Cryptography, VPNs, IPS • To analyze security threats and protect the organization's systems and database • Hands-on training on UTM Firewalls. | Venue: PMI Duration: 5 days Dates: 15-19 Sep 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course Network Administration <ul style="list-style-type: none"> • Computer Networks & Topologies • OSI Layers & Transmission Media • Communication Protocols • IP Addressing & Subnetting (VLSM & CIDR) Network Security <ul style="list-style-type: none"> • Network Attack Techniques • Common Vulnerabilities and Exposures • Trojans, Viruses, Worms, Logic Bombs • Eavesdropping, Phishing, Smurfing, Rootkit, DDoS Firewalls Overview Types of Firewalls <ul style="list-style-type: none"> • Firewall Configuration Strategies • Handling Threats and Security Tasks • Multi Firewall DMZ • Network Behavior Analysis (NBA) | IT Executives |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752 |

| | |
|---|-------------|
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 77) Utkrishti- Women Leadership Program Phase I

Objective: This structured program is designed to empower women executives with self-awareness, leadership presence, stakeholder management, and networking skills etc, preparing them to take on higher leadership roles in NTPC

| Participant Benefits | Venue, Duration, and Dates |
|---|---|
| After Attending the Women Leadership Program – "Utkrishti," Participants Will Gain: <ul style="list-style-type: none"> Enhanced Self-Awareness & Emotional Mastery Stronger Leadership & Strategic Influence Expanded Professional Networks & Stakeholder Management Skills Improved Executive Presence & Personal Branding | Venue: PMI Duration: 03 days Date: 15 to 17 Sept 25 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> Self-Discovery & Emotional Intelligence Strategic Networking & Stakeholder Engagement Executive Presence & Leadership Communication Personal Branding & Career Advancement | Women Executives of NTPC (E2 to E7 Grade) |
| | Learning Methods |
| | Lecture, Discussion, Case-Studies |
| | Course Director |
| | Sayoni Mazumder DGM (HR) sayonimazumder@ntpc.co.in 9425178176 |

| | |
|---|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 78) Preparatory classes for Level D certification

Objective: IPMA Level D is the starting level Project Management certification. The program is aimed at preparing participants for IPMA certification examination. It covers 29 IPMA competency elements. The candidate shall have project management knowledge in all the competence elements. The title given after qualifying the certification examination is 'Certified Project Management Associate' (CPMA).

| Participant Benefits | Venue, Duration and Dates |
|---|--|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Understand the basics of Project Management • Learn about effective and efficient management of time and resources in a project • Analyse risk and opportunities involved in a new project • Appear for the IPMA Level D certification examination, on qualifying which, he / she will become a Certified Project Management Associate (CPMA) | Venue: Online Duration: 4 days Dates: 15-18 September 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • Network Exercises • PERT, CPM • Project Life Cycle • PBS Product Breakdown Structure • WBS Work Breakdown Structure • CBS Cost Breakdown Structure • RBS Resource Breakdown Structure • Investment Appraisal • Payback, Net Present Value NPV, Internal Rate of Return (IRR) concepts • Earned Value Management System • Earned Value Exercises • Project Structures | E2-E7 engineers working in O&M / Engineering / OS |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Vasudha Sharma Manager (PMI) vasudhasharma@ntpc.co.in |

| | |
|---|--|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential, subject to availability of rooms at PMI |

S.N. 79) Samarth Ash Handling System

Objective: Handling of ash with increasing size of thermal power plants has become vital in the present-day scenario. A need is therefore felt to know about the latest equipment and systems to cater to this requirement. Simultaneously we may also have to explore carrying out tailor made modifications / streamline the operation of the system and equipment in Ash Handling systems presently in vogue at different power stations, such that system does not fall short of the designed capacity and runs within the ambit of designed value. The present workshop therefore aims at bringing Manufacturers, Designers and Users in a common platform where mutual sharing of knowledge can benefit all the players.

| Participant Benefits | Venue, Duration, and Dates |
|---|---|
| <p>After attending this program, the participants will be able to:</p> <ul style="list-style-type: none"> • Share their knowledge on operation & maintenance of Ash Handling system • Interact with the OEMs regarding the problems faced in AHP to know the probable solutions • Know the latest technological advances • Obtain necessary guidance in the smooth operation of the system. | <p>Venue: Online Duration: 8 days Dates: 22-29 Sep 2025</p> |
| Course Coverage | Target Audience |
| <p>Major topics that will be covered during the course</p> <ul style="list-style-type: none"> • Indian coal quality/quantity of ash produced • Typical problems encountered in ash evacuation, transportation, and disposal • Technological advances in systems and equipment • Dry ash handling system, special requirements • Ash dyke management • Case studies and group discussion | As per the list of executives who have undergone Job Rotation |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | <p>Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752</p> |

| | |
|--|-----------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non-Residential |

S.N. 80) Program in BTL and Short Term Over heating

Objective: This training program aims to enhance participants' understanding of key operational aspects, including boiler tube failure mechanisms, preventive maintenance, and strategies to optimize plant performance. Through interactive discussions and virtual learning, participants will develop the skills required for effective operation management.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| Operation Executive Competency Development | Venue: Through VC team, Dates: 4-Oct-25, 10-Oct-25, 16-Oct-25, 14-Oct-25 Time: 10:00hrs to 13:00 hrs |
| Course Coverage | Target Audience |
| Discussion on Present Scenario of BTL Across NTPC. How operation can Contribute to reduce BTL. Basis of Boiler Tube Failure Mechanism by CCOS Boiler Group | Operation general Shift people Group A, B, C, D |
| | Learning Methods |
| | Through MS Teams VC |
| | Course Director |
| | Manas Kapoor, DGM (OS) Dr. Anoop Kumar, PMI |
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | No |

S.N. 81 Certification program on solar, floating solar & solar technologies

Objective: Certification Program on Floating Solar offers participants a comprehensive understanding of floating solar photovoltaic (PV) technology, its applications, design considerations, and project implementation. Through interactive lectures, case studies, and hands-on exercises, participants will explore the principles of floating solar, learn about successful project examples, and gain practical skills to design and deploy floating solar installations.

| Participant Benefits | Venue, Duration and Dates |
|---|--|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> Gain the knowledge and skills needed to capitalize on the growing opportunities in floating solar PV installations, contributing to the expansion of renewable energy generation and sustainability initiatives. | Venue: Online Duration: 33 Days Dates: 6 Oct to 8 Nov 2025 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> Introduction to Floating Solar Types of floating solar systems: Floating platforms, anchoring methods, and system components Design and Engineering of Floating Solar Systems Project Management and Implementation Group project: Developing a project plan for a floating solar installation A comprehensive exam assessing participants' understanding of floating solar technology, design principles, project management, and implementation. | NTPC Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|--|-----------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non Residential |

S.N. 82) Certification program on ESG

Objective: Environmental, Social, and Governance (**ESG**) refer to the three central factors in measuring the sustainability and societal impact of an investment in a company or business. These criteria help to better determine the future financial performance of companies (return and risk). Sustainability and ESG are the initiatives that have become imperative in business with the threat of climate change and climate risk. The main difference between these two frameworks for business is ESG is a measured assessment of sustainability using benchmarks and metrics.

The certification program is being planned to bring together all the stakeholders to raise the awareness towards ESG with the resources available, environmental issues and its management on key variables.

| Participant Benefits | Venue, Duration and Dates | | | | |
|---|---|------------|----------|-------------|-------------|
| <p>“ESG”: Environmental, social and governance (ESG) is a framework used to assess an organization's business practices and performance on various sustainability and ethical issues. It also provides a way to measure business risks and opportunities in those areas.</p> <p>The program covers the ESG with Sustainability, Social and Governance Factors, Sustainability Reporting Frameworks and Standards, Understanding ESG performance, Rating Agencies, Improving ESG ratings and Role of stakeholder management.</p> | <p>Venue: PMI, Noida Duration: 03 Days</p> <table> <tr> <th>Start Date</th><th>End Date</th></tr> <tr> <td>06-Oct-2025</td><td>08-Oct-2025</td></tr> </table> | Start Date | End Date | 06-Oct-2025 | 08-Oct-2025 |
| Start Date | End Date | | | | |
| 06-Oct-2025 | 08-Oct-2025 | | | | |
| Course Coverage | Target Audience | | | | |
| <ul style="list-style-type: none"> ESG basics-various frame works factors, Materiality, ESG vs Sustainability SG Risk & Opportunities / Stake holder Needs and Consultation requirements BRSR Reporting Vs GRI – Overview Sustainable Procurements - ISO 20400:2017, Understanding the fundamentals, Integrating Sustainability Carbon offset projects- Various mechanisms BRSR Reporting Vs NTPC Annual report 2022-2023 page 263 to 302/Annexure IX | Senior NTPC Executives | | | | |
| | Learning Methods | | | | |
| | The physical program will be conducted in three days and shall be delivered through learned expert faculty from TÜV SÜD (a German Venture) at PMI. | | | | |
| | Course Director | | | | |
| | <p>Dr. Anoop Kumar DGM & Sr. Faculty Member (PMI) Mob : 9650996086 Email: anoopkumar@ntpc.co.in</p> | | | | |
| Whether open to external paid participants | No | | | | |
| Whether open to CRM participants | No | | | | |
| Residential /Non-Residential | Residential | | | | |

S.N. 83) SAMARTH for C&I

Objective: SAMARTH C&I training programme is designed for all job-rotation people from other departments to C&I Maintenance department. The programme is aimed to provide working skills and technical knowledge related to work area of C&I to the manpower. The programme also provides training of SAP modules related to maintenance function and also focuses on various features of PRADIP.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Understand various work areas of C&I Maintenance • Understand Operation of various C&I systems and related preventive maintenance practices • Take necessary and swift action in case of any break-down • Follow the process for JSA & HIRA • Build interfacing skill with other maintenance departments & operation • Improve compliance of company systems and policies like permit system • Enhance the speed and quality of delivery to internal customers | Venue: Online Duration: 10 days Dates: 06-15 Oct 2025 05-14 Jan 2026 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • MaxDNA • Transmitters, Switches etc • Electrostatic Sensitive Devices • Logics • Automatic Control System • Final Control Elements • Boiler Integral control & Protection • Process Measurement & Analysers (CEMS, AAQMS, EQMS) | As per the list of executives who have undergone Job Rotation |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752 |

| | |
|---|-----------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non-Residential |

S.N. 84) Santulan: Managing Stress & Work-Life Balance through Yoga

Objective: This two-day program is designed to empower and equip specially abled employees with the skills, confidence, and resources to excel in their professional and personal lives. Through interactive sessions on self-development, workplace inclusion, health & well-being, and leadership skills, the program aims to create an environment of growth, independence, and empowerment.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| At the end of the program participants would learn to: <ul style="list-style-type: none"> • Overcome barriers and embrace personal strengths • Understand workplace rights, policies, and accommodations • Gain insights into physical, mental, and emotional wellness • Build essential skills for career progression | Venue: PMI Duration: 02 days Date: 11 to 12 Dec 25 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • Personal Growth & Workplace Inclusion • Leadership & Growth Mindset • Health & Well-being | Specially abled employees of NTPC |
| | Learning Methods |
| | Lecture, Discussion, Role-playing & group activities etc. |
| | Course Director |
| | Sayoni Mazumder DGM (HR) sayonimazumder@ntpc.co.in 9425178176 |

| | |
|---|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 85) Samvedan: Emotional Wellness Workshop through Snehal

This workshop is aimed at celebrating the Mental Health Day and in learning the importance of self-care and emotional wellbeing. It will throw light on how to deal with a wide range of work life balance issues, including premarital or marital counselling, bereavement, alcoholism or substance abuse, depression or stress management, in both short and long run.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| <ul style="list-style-type: none"> • Importance of Emotional Health and Wellbeing • Ways to mitigate daily stress. • An introduction to Employee Assistance Programme for holistic wellbeing • How to bring peace, happiness and mental strength in life • How to identify red flags and triggers | Venue: PMI Duration: 01 day Date: 10 Oct 25 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> • Understanding concept of Mental Health • Why is counselling required? Who can take it? • How can it help prevention of developing mental health issues? • How does it help in self-development? • Role of EAP in parenting • Prevention of substance abuse, depression, suicidal tendencies, domestic issues • Tool, techniques and help of counsellors in ensuring mental health. • Use of technology like mobile application, cloud services, counselling chats, self-help groups | NTPC executives (E2-E8) |
| | Learning Methods |
| | Storytelling, audio-video, interaction with trained psychologist, FAQs on SNEHAL and discussions |
| | Course Director |
| | Sayoni Mazumder DGM (HR) sayonimazumder@ntpc.co.in 9425178176 |

| | |
|---|-----------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non Residential |

S.N. 86) C&I HOD Meet

Objective: The objective of the C&I HOD Meet is to provide a platform for all C&I HODs to share their achievements, challenges, and initiatives, while discussing NTPC C&I performance, future improvement plans, and competency enhancement strategies to drive progress towards achieving Zero-Fault Operations (ZFO).

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| Participants of the C&I HOD Meet will gain valuable insights into best practices, challenges, and initiatives from other stations, along with a deeper understanding of NTPC C&I performance and future improvement strategies. They will also have the opportunity to contribute to competency enhancement plans, fostering growth and collaboration within the team. | Venue: PMI Duration: 3 days Dates: 13-15 Oct 2025 |
| Course Coverage | Target Audience |
| Stations shall discuss & share their achievements, challenges, and initiatives taken during the financial year. Team shall discuss NTPC C&I performance, Challenges, and future improvement plans towards achieving ZFO. Shall Competency improvement plans for Team C&I | All HODs of C&I. |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752 |
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 87) Basics on Cyber Security and Threats

Objective: Cyber security refers to the body of technologies, processes, and practices designed to protect networks, devices, programs, and data from attack, damage, or Unauthorized access. Cyber security may also be referred to as information technology security.

| Participant Benefits | Venue, Duration, and Dates |
|---|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Know about applications of Cyber security and expectations from Cyber security in the Future. • Understand the correlation between Cyber Security and Future Technologies. • Know the types of Cyber Attacks and how to safeguard data. • Understand Data Encryption Algorithms. | Venue: PMI Duration: 3 days Dates: 14-16 October 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • The need for Cyber security and the introduction of various types of cyber-attacks. • General overview of the impact of Cyber security across Industries and the major areas and sectors where Cyber security is being used. • The future of cybersecurity in the years to come. • How Cyber-attacks are launched by cybercriminals. • Popular types of data encryption and the functions of these algorithms. • The most common forms of cyber threats and how data can be protected. | E2-E8 |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752 |

| | |
|---|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 88) Certification programme on net zero

Objective: This program is designed to equip professionals in the power sector with comprehensive knowledge of sustainability principles, net-zero strategies, and decarbonization pathways. It focuses on climate risk management, carbon neutrality, energy efficiency, and emerging policies that drive the transition towards a sustainable energy future.

| Participant Benefits | Venue, Duration and Dates |
|--|--|
| <ul style="list-style-type: none"> Gain insights into net-zero targets, carbon accounting, and emission reduction strategies. Understand the role of renewable energy, hydrogen, CCUS (Carbon Capture, Utilization, and Storage), and energy efficiency in achieving sustainability goals. | Venue: PMI Duration: 3 Days Dates: 15 Oct to 17 Oct 2025 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> Sessions will be conducted by industry leaders, sustainability experts, and policymakers. The program includes case studies, scenario analysis, and interactive discussions on net-zero roadmaps for the power sector. | NTPC Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 89) DSCI Certification training on data security

Objective: Data Security Council of India (DSCI) is a not-for-profit company, set up by NASSCOM, an industry body of Indian IT/BPO, Banks, Telecom, and Public Sector companies, amongst others, for security and privacy in the country. Since its inception, DSCI has been diligently working on public policy matters related to ICT, contributing to national cyber security and privacy initiatives, and engaging with global think tanks, governments, and institutions in the efforts to improve the health of global cyberspace.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Trans-Border Data Transfer • Platform for PI Transactions • Privacy Enhancing Tools & Techniques • Information Lifecycle-1,2 | Venue: PMI Duration: 2 day Dates: 22-23 Oct 2024 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course. <ul style="list-style-type: none"> • Introduction to Privacy • Drivers of Privacy Protection Privacy Principles • Privacy Laws & Regulations-1,2 • Beyond Information Privacy • Privacy in Organizations | IT Executives |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752 |
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 90) Certification programme on nuclear technology

Objective: This program aims to provide participants with comprehensive knowledge of nuclear technology, reactor operations, safety protocols, and regulatory frameworks. It will cover nuclear energy production, radiation safety, waste management, and the latest advancements in nuclear innovation.

| Participant Benefits | Venue, Duration and Dates |
|---|--|
| <ul style="list-style-type: none"> Gain a deep understanding of nuclear power generation and its role in energy transition. Learn about nuclear safety, risk assessment, and regulatory compliance. Explore emerging technologies in nuclear fusion, small modular reactors (SMRs), and waste disposal strategies. | Venue: PMI Duration: 3 Days Dates: 27 Oct to 29 Oct 2025 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> Delivered by experienced professionals in nuclear science, engineering, and policy. Topics include nuclear physics fundamentals, power plant operation, radiation protection, and global nuclear policies. | NTPC Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 91) Cyber Security

Objective: Cyber security refers to the body of technologies, processes, and practices designed to protect networks, devices, programs, and data from attack, damage, or unauthorized access. Cyber security may also be referred to as information technology security.

| Participant Benefits | Venue, Duration, and Dates |
|---|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Know about applications of Cyber security and expectations from Cyber security in the Future. • Understand the correlation between Cyber Security and Future Technologies. • Know the types of Cyber Attacks and how to safeguard data. • Understand Data Encryption Algorithms. | Venue: PMI Duration: 3 days Dates: 28-30 October 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • The need for Cyber security and the introduction of various types of cyber-attacks. • General overview of the impact of Cyber security across Industries and the major areas and sectors where Cyber security is being used. • The future of cybersecurity in the years to come. • How Cyber-attacks are launched by cybercriminals. • Popular types of data encryption and the functions of these algorithms. • The most common forms of cyber threats and how data can be protected. | E2-E8 |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | S K Vishwakarma Sr.Manager (PMI) M/No- 9648474186 skvishwakarma@ntpc.co.in |

| | |
|---|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 92) SAP Training for Maintenance

Objective: The programme helps the participants to learn how to use the maintenance module in SAP. It focuses on jobs like notification creation, permit application, budgeting, SES creation, invoice parking etc.

| Participant Benefits | Venue, Duration and Dates |
|---|--|
| <p>After attending this program, the participants will be able to:</p> <ul style="list-style-type: none"> • Apply for permits for maintenance activities • Budgeting (Capital & Revenue) • SES creation • Invoice Parking | <p>Venue: online</p> <p>Duration: 02 days</p> <p>Dates : 3-4 November 2025</p> |
| Course Coverage | Target Audience |
| <p>Major topics that will be covered during the course</p> <ul style="list-style-type: none"> • Apply for permits for maintenance activities • Budgeting (Capital & Revenue) • SES creation • Invoice Parking | Executives up to E8 |
| | Learning Methods |
| | Lecture and case discussions by experts / consultants. |
| | Course Director |
| | <p>Rahul Gupta Sr. Manager(PMI) rahulgupta01@ntpc.co.in</p> |

| | |
|---|-----------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non-Residential |

S.N. 93) Boiler Tube Failure: Proactive Mgmt.

Objective: Identifying irregularities in Operational parameters to predict failure.
Equipping participants with practical knowledge on where to look, how and what to look for.

| Participant Benefits | Venue, Duration and Dates | |
|--|---|-------------|
| After attending this programme, the participant will be able to <ul style="list-style-type: none">• Understand limitations of boiler metallurgies in their system.• Analyze operation parameters to identify early signs of failures.• Learn practical steps to prevent failures, identify causes, and apply routine repair procedures. | Venue: Physical Mode | |
| | 10-Nov-2025 | 12-Nov-2025 |
| | Target Audience | |
| | NTPC executives from Opr./Maint./Insp. | |
| | Learning Methods Lectures, Discussion, etc. | |
| Course Coverage | Course Director | |
| Major topics that will be covered during the course: <ul style="list-style-type: none">• Discuss preventive measures through practical exercises and real-world scenarios.• Learn indicators to predict impending boiler tube failures. | Dr. Anoop Kumar DGM & Sr. Faculty Member (PMI) Mob : 9650996086 anoopkumar@ntpc.co.in | |

| | |
|---|---|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential subject to availability of rooms at PMI |

S.N. 94) Transformer Maintenance

Objective: The three-day training program on Transformer Maintenance is designed to provide participants with a detailed understanding of transformer operations, maintenance best practices, fault detection, and troubleshooting techniques. It will blend theoretical knowledge with hands-on experience to enhance practical skills necessary for maintaining transformers effectively.

| Participant Benefits | Venue, Duration and Dates |
|--|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Understand different types of transformers • Various components of a transformer • Types of Faults • Signs of Potential Failures • Preventive maintenance • Testing of Power Transformers | Venue: PMI Duration: 03 days Dates : 10-12 November 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • Transformer Construction and Working Principles • Common Transformer Faults and Failure Modes • Preventive Maintenance Practices • Transformer Testing Techniques • Transformer Protection Systems | Executives up to E8 |
| | Learning Methods |
| | Lecture and case discussions by experts / consultants. |
| | Course Director |
| | Rahul Gupta Sr. Manager(PMI) rahulgupta01@ntpc.co.in |

| | |
|---|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 95) Certification programme on pump storage hydro

Objective: Training Program on Pump Storage and CEA Technical Program offers participants a comprehensive understanding of pump storage technology and its integration within the context of the Central Electricity Authority (CEA) technical framework. Through a combination of lectures, case studies, and practical demonstrations, participants will gain insights into the design, operation, and regulatory aspects of pump storage systems, as well as the guidelines set forth by the CEA for efficient energy generation and distribution.

| Participant Benefits | Venue, Duration and Dates |
|--|--|
| After attending this program, the participants will be able to gain: <ul style="list-style-type: none"> • Their knowledge and skills in implementing pump storage projects while ensuring compliance with regulatory standards and industry best practices. • In the planning, development, operation, and regulation of pump storage projects. | Venue: PMI Duration: 3 Days Dates: 10 Nov to 12 Nov 2025 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> • The training program will be conducted by experienced professionals and subject matter experts with expertise in pump storage technology, energy regulation, and CEA technical standards. • They will provide comprehensive instruction, practical insights, and guidance to facilitate participants' learning and understanding. | NTPC Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|---|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 96) Certification programme on Cloud Computing

Objective: This Cloud Computing course is designed to provide you with a comprehensive understanding of this transformative technology. The course covers the fundamentals of cloud computing, including its evolution and the benefits it offers compared to traditional IT infrastructure. You will also learn about the different service models (IaaS, PaaS, SaaS) and deployment options (public, private, hybrid) to help you make informed decisions that suit your specific needs.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Understand cloud concepts, service models, and AWS infrastructure • Gain hands-on experience in Azure and AWS for resource management • Implement security, access management, and compliance best practices • Automate tasks using Azure tools and PowerShell scripting • Optimize cloud performance with monitoring and troubleshooting tools • Manage user access with role-based control in Microsoft Entra | Venue: PMI Duration: 3 days Dates: 11-13 Nov 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • Types of cloud computing techniques, and how it works. • Server-less computing. • Clouds Clients. • Cloud Engineering. • Security and Privacy. • Operation & Maintenance practices & Forecasting | E2-E8 working in O&M, Engineering, OS, etc. of NTPC, SEBs, and other utilities |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752 |

| | |
|---|-------------|
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 97 Program on maintaining Chemistry Parameter during Startup

Objective: This program aims to enhance participants' competency in operational excellence by providing in-depth knowledge of chemistry parameters during startup, ensuring adherence to the latest guidelines, and improving response to operational challenges through interactive virtual learning.

| Participant Benefits | Venue, Duration, and Dates |
|---|---|
| Operation Executive Competency Development | Venue: Through VC team, Dates: 13-Nov-25, 3-Nov-25, 17-Nov-25, 7-Nov-25 Time: 10:00hrs to 13:00 hrs |
| Course Coverage | Target Audience |
| Importance of Chemistry, Latest Chemistry Related Outages / Latest Guidelines Pertaining to Operation discussion on OGN / IOM's | Operation general Shift people Group A, B, C, D |
| | Learning Methods |
| | Through MS Teams VC |
| | Course Director |
| | Manas Kapoor, DGM (OS) Priyank Jain, Manager (PMI) |

| | |
|--|----|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | No |

S.N. 98) MS Excel And MS Access Database

Objective: The program is designed for executives who are already familiar with the basics of Microsoft Excel, and who want to learn more advanced features of Excel. Upon completion of this program, participants will be able to perform complex calculations more efficiently, organize and analyze data in worksheets, create MIS reports, and automate various tasks.

| Participant Benefits | Venue, Duration, and Dates |
|---|--|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Perform complex calculations more efficiently, using various Excel functions. • Organize and analyze large volumes of data. • Create reports. • Automate various tasks. | Venue: PMI Duration: 3 days Dates: 17 –19 Nov 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • Building logic with IF & Nested IF statements • Lookup, Index, Conditional, Text, Date and Financial Functions • Formula auditing and name range • Protection in Excel • Summarizing, slicing & dicing with Pivot Tables and Charts • Goal Seek, Solver & Scenario Manager • Sensitivity Analysis • Advance financial functions IRR, NPV, PMT, IPMT, etc • Consolidating and managing data from multiple workbooks • Advanced filter and Sorting • Advance Conditional Formatting and Print Settings • Using Macro for automation process. | E2-E8 working in O&M, Engineering, OS, etc. of NTPC, SEBs, and other utilities |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | S K Vishwakarma Sr. Manager (PMI) M/No- 9648474186 skvishwakarma@ntpc.co.in |

| | |
|---|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 99) Stores management for stores executives

Objective: The goal of this course is to understand the process of Store Management systematically and effectively. It will help to manage the contract execution and analysis of inventory effectively to obtain maximum operational and financial performance.

| Participant Benefits | Venue, Duration and Dates |
|---|--|
| After attending this programme, the participant will be able to: <ul style="list-style-type: none"> Understand the complete process of stores management Manage resources in an efficient manner Understand the scrap disposal mechanism | Venue: PMI Noida Duration: 3 Days Date: 17-19 November 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course: <ul style="list-style-type: none"> Store Activities, recording of data, software used. Hands on practice on SAP T-codes for Stores. Scrap disposal- Segregation of Scrap, related environmental norms, statutory aspects, licenses etc. Insurance, Inventory Management Accounting | Executives working in stores department or executives dealing with stores functions of NTPC. |
| | Learning Methods |
| | Lecture and Discussions |
| | Course Director |
| | Vasudha Sharma Manager (PMI) vasudhasharma@ntpc.co.in |
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential, subject to availability of rooms at PMI |

S.N. 100) Certification programme on grid-scale battery storage management & AI-driven optimization

Objective: This program is designed to equip participants with in-depth knowledge of large-scale battery storage systems, their integration into power grids, and the role of AI in optimizing energy storage and distribution. It will focus on technological advancements, policy frameworks, and best practices for grid-scale storage solutions.

| Participant Benefits | Venue, Duration and Dates |
|--|--|
| After attending this program, the participants will be able to gain: <ul style="list-style-type: none"> Understand battery technologies, energy storage economics, and regulatory policies. Learn AI-driven predictive maintenance, load balancing, and storage efficiency optimization. | Venue: PMI Duration: 3 Days Dates: 19 Nov to 21 Nov 2025 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> Delivered by experts in battery technology, AI applications, and energy policy. Topics include battery chemistry, lifecycle management, AI-based predictive analytics, and regulatory frameworks for energy storage. | NTPC Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 101) Certification Program on VT LEVEL II, as per ISO 9712

Objective: NDT is used across industries such as aerospace, oil and gas, nuclear, power generation, medical, rail and general manufacturing to name a few. It is a crucial aspect of quality control and ultimately health and safety. Common or conventional methods include visual testing, penetrant testing, magnetic particle testing, eddy current testing, radiographic testing and ultrasonic testing and each have their advantages and disadvantages. With advancements in digital control and imaging, other techniques have been developed including phased array ultrasonic testing, time of flight diffraction, digital and computed radiography, eddy current array and pulsed eddy current. Physical training is organised for the candidates who have already basic concepts and knowledge. After the training, an examination will be conducted on theory & practical as per requirements of ISO 9712. Qualifiers will be given certificate, which is valid worldwide in all industries.

| Participant Benefits | Venue, Duration and Dates |
|--|--|
| After attending this programme, the participant will be able to <ul style="list-style-type: none"> • Introduction to visual inspection; fundamentals of vision and light; introduction to NDT; visual inspection equipment; factors influencing visual inspection; product technology (welding, casting, forging etc.); practical inspection methodology; inspection, weld repair and heat treatment requirements. • Getting qualification Certificate from TWI-UK once qualify in the examination | Venue: PMI Duration :5 days Dates: 01-12-2025 |
| | Target Audience |
| | E-7/E-8 Function: All Grade: Executives, nomination through CCBE |
| Course Coverage | Learning Methods |
| Major topics that will be covered during the course: <ul style="list-style-type: none"> • Introduction to visual inspection; fundamentals of vision and light • introduction to NDT; visual inspection equipment; factors influencing visual inspection; product technology (welding, casting, forging etc.); • practical inspection methodology; inspection, weld repair and heat treatment requirements. | Classroom sessions, Case studies, Assessments |
| | Course Director |
| | Dr. Anoop Kumar DGM & Sr. Faculty Member (PMI) Mob : 9650996086 Email: anoopkumar@ntpc.co.in |

| | |
|---|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 102) Legal aspects of contracts, arbitration

Objective: Having the sound understanding of legal aspects while framing the contract document for procurement of goods or services. Executives with knowledge of legal provisions and their implication thereof is less likely to cause aftermath which surprise management with arbitration and subsequent costly reconciliations. The program is designed to enhance the familiarity of executives with the legal framework and possible pitfalls while drafting contracts to source Services or Goods.

| Participant Benefits | Venue, Duration and Dates |
|---|--|
| <p>After attending this program, the participant will be able to:</p> <ul style="list-style-type: none"> State and explain legal terminologies and provisions of contracts. Key legal aspects of drafting contract agreements Categorize and analyze possible areas of pitfalls in contract documents. Analyze contract document from legal deficiency perspective. Principles of natural justice and process of arbitration Dispute resolution mechanism | <p>Venue: PMI</p> <p>Duration: 3 days</p> <p>Dates: 01-03 December 2025</p> |
| Course Coverage | Target Audience |
| <p>Major topics that will be covered during the course:</p> <ul style="list-style-type: none"> Indian Contracts Act, 1872 Arbitration and reconciliation act ,1996 The Limitation Act, 1963 Common pitfall in contracts and procurement Latest judicial trends –Hon’ble Supreme court and High court Judgements Case Studies of Pitfalls & Commercial contracts dispute resolution. | <p>Executives in E3-E7 Grade Execute Framing & Drafting contracts from O&M and service functions.</p> |
| | Learning Methods |
| | <p>Lecture, Discussion, Case-Study etc.</p> |
| | Course Director |
| | <p>Vasudha Sharma Manager (PMI) Mob: 9354543103 vasudhasharma@ntpc.co.in</p> |
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential, subject to availability of rooms at PMI |

S.N. 103) Samarth Engineering

Objective: The program focuses on the different project execution methods and strategies of projects. Projects are quite different from traditional operation and maintenance of stations and hence different strategies need to be adopted to deal with the changing scenario in executing projects. The main objective of this training is to analyze the causal relation of some important criteria of project planning and development of projects.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Understand the complexities involved throughout the lifecycle of a project • Understand the basics of dynamic project management • Manage the project execution | Venue: Online Duration: 7 days Dates: 08-12 Dec 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • Contract closing procedure • Contract procedure for a new project • Station engineering and R&M activity • Energy Transition & Policy Research (ET&PR) • Role of finance and financial aspects for the new project • Introduction to Nuclear power cell | As per the list of executives who have undergone Job Rotation. |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752 |

| | |
|--|-----------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non-Residential |

S.N. 104) Level C Project Management Program

Objective: IPMA Level C is a 7day program consisting of 4 days training and 3 days assessment with one day written examination. IPMA Level C certification requires that a candidate has acted in a project management role within projects of moderate complexity. Eligibility criteria is that within the last six years the candidate needs to have a minimum of three years' experience as a project manager within projects of moderate complexity, or a minimum of three years' experience in a responsible project management role assisting the project manager in complex projects.

| Participant Benefits | Venue, Duration and Dates |
|---|--|
| <p>After attending this program, the participants will be able to:</p> <ul style="list-style-type: none"> Improves one's capability to deliver better, faster, less expensive products and services. Appear for the IPMA Level C certification examination, on qualifying which, he / she will become a IPMA Level C Certified Project Manager. | <p>Venue: PMI</p> <p>Duration: 5 days</p> <p>Dates: 08-12 December 2025</p> |
| Course Coverage | Target Audience |
| <p>Major topics that will be covered during the course</p> <ul style="list-style-type: none"> Perspective <ol style="list-style-type: none"> Strategy Governance, structures and processes Compliance Power and interest Culture and values People <ol style="list-style-type: none"> Self-reflection and self-management Personal integrity and reliability Personal communication Relations and engagement Leadership. Teamwork Conflict and crises Resourcefulness Negotiation Result orientation, etc. | <p>Executives with min. 6 years of experience, out of which 3 years should be as project manager in projects of moderate complexity or in a responsible project management role assisting the project manager in complex projects.</p> |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | <p>Vasudha Sharma Manager (PMI) vasudhasharma@ntpc.co.in</p> |

| | |
|---|---|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential subject to availability of rooms at PMI |

S.N. 105) Networking Designing**Objective**

The course aims to provide participants with the skills to select, configure, and manage IT network devices based on site requirements. Participants will learn to design and optimize enterprise networks, set up and troubleshoot devices like switches, routers, and firewalls, and create VLANs. The course also covers firmware updates, licensing, and securing network devices to ensure smooth, secure network operations.

| Participant Benefits | Venue, Duration, and Dates |
|--|--|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Improved Network Design and Optimization • Enhanced Troubleshooting and Maintenance Skills • Comprehensive Understanding of Network Security • Up-to-date on Network Device Management • Expertise in Network Device Selection and Configuration | Venue: PMI Duration: 3 days Dates: 09-11 Dec 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course | IT executives |
| <ul style="list-style-type: none"> • Requirement of various IT Network Devices at the Site. • Selection of right devices as per the number of users at the site and application to be used. • Standard Enterprise network. • Network Performance criteria. • Device setup and configuration (Switches (L3 and L2), router, firewall). • VLAN Creation as per the requirement of the site. • Troubleshooting the network and identify the fault in the devices. • Network device firmware upgradation, and licensing. • Technical Specs understanding of the network devices including WiFi devices. • Security of Network devices. | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | S K Vishwakarma Sr. Manager (PMI) M/No- 9648474186 skvishwakarma@ntpc.co.in |

| | |
|--|-------------|
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 106) Saksham: Empowering Abilities, Enabling Growth

Objective: This two-day program is designed to empower and equip specially abled employees with the skills, confidence, and resources to excel in their professional and personal lives. Through interactive sessions on self-development, workplace inclusion, health & well-being, and leadership skills, the program aims to create an environment of growth, independence, and empowerment.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| At the end of the program participants would learn to: <ul style="list-style-type: none"> • Overcome barriers and embrace personal strengths • Understand workplace rights, policies, and accommodations • Gain insights into physical, mental, and emotional wellness • Build essential skills for career progression | Venue: PMI Duration: 02 days Date: 11 to 12 Dec 25 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • Personal Growth & Workplace Inclusion • Leadership & Growth Mindset • Health & Well-being | Specially abled employees of NTPC |
| | Learning Methods |
| | Lecture, Discussion, Role-playing & group activities etc. |
| | Course Director |
| | Sayoni Mazumder DGM (HR) sayonimazumder@ntpc.co.in 9425178176 |

| | |
|---|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 107) C&I SG KT Meet

Objective: The objective of the **C&I SG KT Meet** is to facilitate the sharing of learnings, challenges, and reliability improvement initiatives within the SG & Aux areas. The meeting will focus on enhancing system reliability, addressing ZFO, reducing single-point vulnerabilities, and collaboratively finding solutions to ongoing challenges. Key takeaways will be compiled and released post-meet for future reference and implementation.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| Participants will benefit by gaining valuable insights into successful reliability improvement initiatives and strategies from various stations. They will have the opportunity to discuss and resolve common challenges, reduce vulnerabilities, and enhance system performance. Additionally, participants will network with peers, share best practices, and receive actionable takeaways for further improvements in the SG & Aux areas. | Venue: PMI Duration: 3 days Dates: 11-13 Dec 2025 |
| Course Coverage | Target Audience |
| Stations Shall share their learnings, challenges, and initiatives taken for reliability improvements in SG & Aux area. Discussion shall be done directed towards Reliability improvements , ZFO , Reducing Single point vulnerabilities and mitigating challenges. | C&I KT members of SG and Aux area |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752 |

| | |
|--|-------------|
| Whether open to external paid participants | NO |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 108) NTPC Commercial Operation

Objective: This program aims to enhance the competency of NTPC Commercial Operation executives by providing a deeper understanding of NTPC's commercial operations, balance sheet analysis, and the techno-commercial aspects of operations. It equips participants with the necessary skills to optimize decision-making and improve operational efficiency.

| Participant Benefits | Venue, Duration, and Dates |
|---|--|
| Operation Executive Competency Development | Venue: Through VC team, Dates: 15-Dec-25, 5-Dec-25, 11-Dec-25, 1-Dec-25 Time: 10:00hrs to 13:00 hrs |
| Course Coverage | Target Audience |
| NTPC Commercial knowledge. NTPC Balance Sheet Discussion Operation role in Techno commercial Operation. | Operation general Shift people Group A, B, C, D |
| | Learning Methods |
| | Through MS Teams VC |
| | Course Director |
| | Manas Kapoor, DGM (OS) Priyank Jain, Manager (PMI) |
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | No |

S.N. 109) Leaders for tomorrow

Objective: The role of Managers creates numerous expectations and demands on the individual in terms of perspective, style, habits, and attitudes. Their role is crucial, as they are the link pin between middle management and worker. The program aims at enhancing managerial effectiveness by providing the required knowledge, skills and awareness of functions and desired attitudes.

| Participant Benefits | Venue, Duration and Dates |
|--|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Communicate with a clear purpose. • Empowered to identify and solve problems and present solutions. • Appreciate innovation and creativity in business solutions. • Learn to build and lead teams. • Practice core values in every stage of decision making. | Venue: PMI Duration: 3 days Dates: 17-19 December 2025 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • Business Analytics • Understanding Finance • Storytelling • Entrepreneurship • Knowledge of analytical tools • Design thinking | Executives with min. 6 years of experience, out of which 3 years should be as project manager in projects of moderate complexity or in a responsible project management role assisting the project manager in complex projects. |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Vasudha Sharma Manager (PMI) vasudhasharma@ntpc.co.in |

| | |
|---|---|
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | Yes |
| Residential /Non-Residential | Residential subject to availability of rooms at PMI |

S.N. 110) Power Automate Training Workshop for HR Executives**Objective**

Gain a clear understanding of Power Automate and its role in workflow automation. Learn to create and execute different types of flows, including instant, automated, scheduled, UI, and business process flows. Enhance efficiency by automating tasks like email responses and data transfers. Master advanced features such as expressions, conditions, and parallel branches. Integrate with Excel Online, SharePoint, and email automation. Explore Robotic Process Automation (RPA) using Power Automate Desktop. Manage and monitor flows effectively. Develop hands-on automation solutions using templates and real-world scenarios to optimize business processes and improve productivity.

| Participant Benefits | Venue, Duration and Dates |
|---|--|
| After attending this program, the participants will be able to: | Venue: PMI |
| <ul style="list-style-type: none"> • Hands-on Experience – Gain practical knowledge by creating and executing real-life automation workflows. • Improved Productivity – Automate repetitive tasks, reducing manual effort and errors. • Enhanced Technical Skills – Develop expertise in Power Automate and workflow automation. • Business Impact – Implement automation to optimize business processes and enhance efficiency. • Certification Readiness – Gain foundational knowledge for Power Automate certification exams. • Collaboration & Efficiency – Learn how to integrate Power Automate with Microsoft 365 tools like SharePoint, Excel, and Outlook. | Duration :2 days |
| | Dates:19-20 th December 2025 |
| | Target Audience |
| | HR Executives (Up to E7) |
| Course Coverage | Learning Methods |
| Major topics that will be covered during the course. | Presentation and Hands on Experience |
| <ul style="list-style-type: none"> • Introduction to Office 365 & Cloud Services • Email & Task Management in Outlook • Collaboration Tools in Office 365 • Fundamentals of Microsoft SharePoint • Advanced SharePoint Features & Site Management • Document Collaboration & Workflow Automation • Hands-on Practical Sessions & Real-world Applications | Course Director |
| | Dr N Surenthiran DGM (PMI) surenthirannarayanassamy@ntpc.co.in |
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential/Non Residential |

S.N. 111) Certificate program in energy analytics

Objective: This program is designed to equip professionals with data-driven decision-making skills in the energy sector. It covers advanced analytics, AI/ML applications, and real-time energy data management to optimize power systems and renewable energy integration.

| Participant Benefits | Venue, Duration and Dates |
|---|--|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> Understand data analytics frameworks for energy systems. Gain hands-on experience in AI/ML for demand forecasting and grid optimization. | Venue: PMI Duration: 3 Days Dates: 22 Dec to 24 Dec 2025 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> Delivered by industry experts in energy analytics and digital transformation. Topics include energy data visualization, predictive maintenance, AI-driven forecasting, and smart grid analytics. | NTPC Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 112) Human Error Tripping's Last Six Month

Objective: This program aims to enhance the competency of operation executives by analyzing human error-related tripping incidents over the last six months, sharing best practices across NTPC, and recommending preventive measures to improve operational efficiency and reliability.

| Participant Benefits | Venue, Duration, and Dates |
|--|--|
| Operation Executive Competency Development | Venue: Through VC team, Dates: 8-Jan-26 , 6-Jan-26 , 12-Jan-26 , 2-Jan-26 Time: 10:00hrs to 13:00 hrs |
| Course Coverage | Target Audience |
| Last 06 Month Human error Tripping discussion. Practices across NTPC and Recommendation how these Human Error Cam be Avoided | Operation general Shift people Group A, B, C, D |
| | Learning Methods |
| | Through MS Teams VC |
| | Course Director |
| | Manas Kapoor, DGM (OS) Priyank Jain, Manager (PMI) |

| | |
|--|----|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | No |

S.N. 113) C&I OT Security components monitoring & maintenance

Objective: This 5-day training aims to equip C&I members with a thorough understanding of OT security, focusing on securing industrial control systems and critical infrastructure. Participants will learn about key security components, monitoring and maintenance practices, and best practices for ensuring robust cybersecurity, including patch management, anomaly monitoring, and employee awareness.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| Participants will gain a comprehensive understanding of OT security, focusing on protecting industrial control systems from cyber threats and ensuring system integrity. They will learn about key security components, monitoring practices, and maintenance strategies, enabling them to better secure critical infrastructure and enhance cybersecurity awareness within their organization. | Venue: PMI Duration: 5 days Dates: 01-05 Jan 2026 |
| Course Coverage | Target Audience |
| Introduction to C&I OT Security: Control & Instrumentation (C&I) in OT (Operational Technology) focuses on securing industrial control systems (ICS), Protects critical infrastructure from cyber threats, unauthorized access, and system failures. Key Security Components: Firewalls & Network Segmentation, understanding Configurations & settings in NTPC IT-OT interface, Intrusion Detection/Prevention Systems (IDS/IPS), Access Control & Authentication, Endpoint Protection, SIEM functionality, etc, Various standards and guidelines. Monitoring & Maintenance Practices: Regular Security Audits, Patch Management, Log & Anomaly Monitoring, Backup & Disaster Recovery, etc | C&I members |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752 |
| Whether open to external paid participants | NO |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 114) Artificial Intelligence

Objective: Artificial intelligence (AI) makes it possible for machines to learn from experience, adjust to new inputs, and perform human-like tasks. Most AI examples you hear about today, from chess-playing computers to self-driving cars, and device failure measurements rely heavily on deep learning and natural language processing. Using these technologies, computers can be trained to accomplish specific tasks by processing large amounts of data and recognizing patterns in the data.

| Participant Benefits | Venue, Duration and Dates |
|--|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Learn the concepts of Artificial Intelligence (AI), Machine Learning (ML), and Deep Learning. • Understand the applications of Artificial Intelligence, expectations from Artificial Intelligence in the future, and the correlation between Artificial Intelligence and other emerging technologies. • Understand the elements of Machine Learning. | Venue: PMI Duration: 3 days Dates: 06 –08 Jan 2026 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • Types of AI, and how it works. • ML and Deep learning. • General overview of the impact of AI across industries and the major areas and sectors where AI is being used. • The future of AI in the years to come. • Information on the impact, and interdependencies of AI with other emerging technologies. • The basic concepts of ML and Deep Learning. | E2-E8 working in O&M, Engineering, OS, etc. of NTPC, SEBs, and other utilities |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | SK Vishwakarma Sr. Manager (PMI) M/No- 9648474186 skvishwakarma@ntpc.co.in |
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 115) Project finance & investment strategies for renewable energy

Objective: This program provides professionals with an in-depth understanding of financial modelling, risk assessment, and investment strategies for renewable energy projects. Participants will learn about funding mechanisms, capital structuring, and policy incentives driving the energy transition.

| Participant Benefits | Venue, Duration and Dates |
|--|--|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Gain expertise in project finance models for solar, wind, hydro, and storage projects. • Understand risk assessment, credit ratings, and financial structuring in the renewable sector. | Venue: PMI Duration: 3 days Dates: 7 Jan to 9 Jan 2026 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> • Led by experts in renewable energy finance and investment. • Topics include financial modelling, Power Purchase Agreements (PPAs), ESG finance, and policy frameworks. | NTPC Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 116) Certification prog. in energy modelling

Objective: This program equips professionals with advanced energy modelling techniques, enabling them to analyze, simulate, and optimize energy systems for decision-making in policy, investment, and operations.

| Participant Benefits | Venue, Duration and Dates |
|--|--|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> Master energy system modelling, forecasting, and scenario analysis. Learn to use tools like LEAP, TIMES, PLEXOS, and HOMER. | Venue: PMI Duration: 3 days Dates: 19 Jan to 21 Jan 2026 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> Delivered by leading energy economists and data scientists. Topics include energy demand-supply modelling, decarbonization pathways, and AI-driven energy optimization. | NTPC Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 117) Power BI with Automate**Objective**

Power BI is designed to provide participants with comprehensive knowledge and advanced skills in using Microsoft Power BI for data analysis, visualization, and reporting. Through a combination of hands-on workshops, practical exercises, and interactive sessions, participants will learn advanced techniques to unlock the full potential of Power BI and leverage its capabilities for effective decision-making and insights generation.

| Participant Benefits | Venue, Duration, and Dates |
|--|--|
| After attending this program, the participants will be able to gain: <ul style="list-style-type: none"> • The skills and knowledge needed to take their data analysis and visualization capabilities to the next level, empowering them to drive informed decision-making and deliver impactful insights within their organizations | Venue: PMI Duration: 3 days Dates: 19–21 Jan 2026 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • Advanced Data Modeling and Transformation • Advanced Visualization Techniques • Advanced Analytics and Integration | Finance & Project Executives |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | S K Vishwakarma Sr.Manager(PMI) M/No- 9648474186 skvishwakarma@ntpc.co.in |

| | |
|---|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 118) Energy Storage Technologies

Objective: Because of the growth of renewable energy, the importance of energy storage technologies has increased to create a more flexible and reliable grid system. This program aims to provide an overall understanding of various energy storage technologies.

| Participant Benefits | Venue, Duration, and Dates |
|--|--|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> Understand various bulk energy storage methods. | Venue: PMI Duration: 2 days Dates: 20-21 Jan 2026 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> Various bulk energy storage methods. Details of hydro, compressed air, and battery systems. | E2-E8 working in O&M, Engineering, OS, etc. of NTPC, SEBs, and other utilities |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752 |

| | |
|---|---|
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential subject to availability of rooms at PMI |

S.N. 119) Certification program on AI-ML for power sector

Objective: This certification program is designed to equip professionals with AI and Machine Learning (ML) applications in power systems, focusing on grid optimization, predictive maintenance, energy forecasting, and intelligent automation. Participants will gain hands-on experience in data-driven decision-making and AI-powered energy solutions.

| Participant Benefits | Venue, Duration and Dates |
|--|--|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Understand AI/ML fundamentals and their impact on the power sector. • Learn predictive maintenance techniques for grid assets. • Master energy demand forecasting and load management using ML models. | Venue: PMI Duration: 3 days Dates: 28 Jan to 30 Jan 2026 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> • Introduction to AI & ML in the Power Sector • Smart Grids & AI-Driven Grid Optimization | NTPC Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 120) POSH for HR & IC Members

Objective: As UNESCO puts it across, gender sensitivity is required to increase awareness of gender issues, suggest guidelines for a gender-sensitive approach at workplace, and promote respect for the equally valid roles that men and women play in their families, their communities, their work and their nations.

The program aims at giving insights into 'gender', changing behaviour and instilling empathy into the views that we hold about each other. It also discusses POSH Act of 2013 in detail.

| Participant Benefits | Venue, Duration and Dates |
|---|--|
| <ul style="list-style-type: none"> Understanding the framework of gender at workplace and reacted biases. Ways to avoid Gender biased decisions, statements and remarks. Demonstrate the appropriate gender-neutral traits and triggers. Awareness on "The Sexual Harassment at Workplace (Prevention, Prohibition and Redressal) Act, 2013. Identifying the ways to create a Conducive Workplace. | Venue : Aurobindo Hall, PMI Duration : 02 Days Dates : 02 & 03 February 2026 |
| Coverage | Target Participants |
| <ul style="list-style-type: none"> Understanding concept of 'gender' Gender stereotyping and biases Gender at workplace Evolution of 'Vishakha guidelines' Features of "The Sexual Harassment at Workplace (Prevention, Prohibition and Redressal) Act, 2013 | NTPC Executives - HR and IC Members only |
| | Learning Methods |
| | Highly interactive, case studies, discussions with Legal Expert |
| | Course Director |
| | Dr Priti Sambhalwal Manager (HR-PMI) pritisambhalwal@ntpc.co.in |
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 121) Boiler and its components

Objective: Efficient operation of a unit calls for evolving an optimum regime on various equipment and system especially so for a Boiler which under goes degradation on account of regular operation. The recommended operating values organized by vender are normally very generous and some degree of optimization would be undertaken by equipment supplier as well to demonstrate basic guarantees. Regular operation by a utility under optimum regime should result in lowest Net heat rate. CenPEEP has demonstrated the methodology for conducting the Boiler Performance Optimization tests at various NTPC stations and at Stations of different SEB's. Workshop is being organized to provide a platform for sharing feedback obtained at various stations and to disseminate the gains of such exercise. Case studies would be presented by station concerned to highlight the benefit in terms of availability and reliability improvement as well.

| Participant Benefits | Venue, Duration and Dates | |
|--|---|-------------|
| After attending this programme, the participant will be able to <ul style="list-style-type: none">• Introduction to Boiler Performance Optimization Techniques• Methodology and Procedure followed• List of Instruments to be used• Feedback obtained at various coal based station• Restoration of equipment performance during unit overhauls• Practical demonstration of HVT testing technique• Practical demonstration of Dirty Pitot/Rotary probe usage• Visit to test laboratory• Boiler Walk down to see the test ports & probes | Venue: Online Mode | |
| | 2-Feb-2026 | 21-Feb-2026 |
| | Target Audience | |
| | Executives from the Power Plant Operational and Efficiency areas of NTPC, IPP's & SEB's. | |
| | Learning Methods Lectures, Discussion, etc. | |
| Course Coverage | Course Director | |
| Major topics that will be covered during the course: <ul style="list-style-type: none">• Technology advancements• Operational optimization• Operation management and technical compliance• Role of operation in maintenance• Ash dyke management | Dr. Anoop Kumar DGM & Sr. Faculty Member (PMI) Mob : 9650996086 anoopkumar@ntpc.co.in | |

| | |
|---|--------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Online |

S.N. 122) Preservation of Combined Cycle (Gas Turbine) Power Plants

Objective: Because of higher fuel prices and low demand for gas-based power generation, most of the combined cycle power plants remain idle for most of the time. This program aims to discuss various methods/techniques to preserve various components of combined cycle power plants.

| Participant Benefits | Venue, Duration, and Dates |
|--|--|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Appreciate the importance of preservation • Understand the techniques for the preservation of CCGT. | Venue: Online Duration: 2 day Dates: 04-05 Feb 2026 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • The science behind preservation techniques • Tools to assess the healthiness of components | E2-E8 working in O&M, Engineering, OS, etc. of NTPC, SEBs, and other utilities |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | Priyank Jain Manager (PMI) priyankjain@ntpc.co.in 9425177752 |

| | |
|--|-----------------|
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non-Residential |

S.N. 123) Certification programme on small modular reactors (SMRS)

Objective: The certification programme on Small Modular Reactors (SMRs) aims to provide a comprehensive understanding of SMR technology, safety, and regulatory frameworks. It covers reactor design, deployment strategies, economic viability, and sustainability. The programme equips professionals with technical expertise, industry insights, and knowledge of SMRs role in clean energy and future nuclear advancements.

| Participant Benefits | Venue, Duration and Dates |
|---|---|
| <p>After attending this program, the participants will be able to:</p> <ul style="list-style-type: none"> • Gain comprehensive knowledge of SMR technology, safety, and regulations. • Develop industry-relevant skills for nuclear energy and reactor operations. • Enhance career prospects in energy, research, and policymaking. • Network with industry experts, researchers, and policymakers. • Earn a recognized certification to strengthen professional credentials. | <p>Venue: PMI</p> <p>Duration: 3 days</p> <p>Dates: 05 Feb to 30 Jan 2026</p> |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> • Introduction to Small Modular Reactors (SMRs), evolution, and comparison with traditional reactors. • SMR technology, reactor physics, fuel cycles, and modular design principles. • Safety measures, risk assessment, and global regulatory frameworks. • Economic viability, cost analysis, and commercialization strategies. • SMRs' role in clean energy, carbon reduction, and sustainable energy solutions. | NTPC Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 124) Internet of Things

Objective: The Internet of Things (IoT) describes the network of physical objects—“things”—that are embedded with sensors, software, and other technologies to connect and exchange data with other devices and systems over the Internet. These devices range from ordinary household objects to sophisticated industrial tools. Over the past few years, IoT has become one of the most important technologies of the 21st century. Now that we can connect everyday objects—kitchen appliances, cars, thermostats, and power plant equipment to the internet via embedded devices, seamless communication is possible between people, processes, and things.

| Participant Benefits | Venue, Duration and Dates |
|--|---|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> • Appreciate applications of the Internet of Things. • Understand expectations from the Internet of Things in the Future. • Understand the correlation between IoT and Future Technologies. • Appreciate the impact of the Internet of Things • Understand the connection of the Internet of Things with Artificial Intelligence. • Know about the security of the Internet of Things • Gain knowledge of cybersecurity in the Internet of Things. | Venue: PMI Duration: 3 days Dates : 09-11 Feb 2026 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • General overview of the impact of the Internet of Things across Industries and the major areas and sectors where the Internet of Things is being used. • The future of the Internet of Things in the years to come. • Information on the impact, and interdependencies of the Internet of Things with other Emerging technologies. • IoT, its application and challenges. • Relationship between IoT and AI. • Security systems that can be applied to IoT. • Kind of attacks that can happen on IoT devices and best practices. | E2 to E8 |
| | Learning Methods |
| | Lecture and Discussion |
| | Course Director |
| | SK Vishwakarma Sr. Manager (PMI) skvishwakarma@ntpc.co.in |

| | |
|---|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 125) Program on Electrical Protections

Objective: This program aims to enhance the competency of operation executives by equipping them with in-depth knowledge of electrical protections, outage reduction strategies, and their role in ensuring reliable plant operations.

| Participant Benefits | Venue, Duration, and Dates |
|--|--|
| Operation Executive Competency Development | Venue: Through VC team, Dates: 17-Feb-26, 23-Feb-26, 5-Feb-26, 3-Feb-26 Time: 10:00hrs to 13:00 hrs |
| Course Coverage | Target Audience |
| Discussion on Electrical Protections and electrical related tripping's Across NTPC. Role Operation Executives and How Operation can Contribute to reduce these Outages | Operation general Shift people Group A, B, C, D |
| | Learning Methods |
| | Through MS Teams VC |
| | Course Director |
| | Manas Kapoor, DGM (OS) Rahul Gupta, Sr. Manager(PMI) |

| | |
|---|-----------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non-Residential |

S.N. 126) Certification programme on energy transition

Objective: The Certification Programme on Energy Transition is designed to equip professionals with the knowledge and skills needed to navigate the evolving energy landscape. The program focuses on renewable energy integration, policy frameworks, emerging technologies, and strategies for decarbonization. Participants will gain insights into the challenges and opportunities of transitioning to a sustainable and low-carbon energy system.

| Participant Benefits | Venue, Duration and Dates |
|---|--|
| <ul style="list-style-type: none"> After attending this program, the participants will be able to gain Develop a comprehensive understanding of energy transition trends, policies, and global best practices. Enhance their technical and strategic capabilities in renewable energy adoption, grid modernization, and decarbonization pathways. | Venue: PMI Duration: 3 Days Dates: 25 Feb to 27 Feb 2026 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> The training will be delivered by industry experts, policymakers, and technical specialists in energy transition. Sessions will include policy analysis, case studies, and interactive discussions on the future of energy systems. | NTPC Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 127) Certification Programme on Green Hydrogen and Green Chemicals

Objective: This certification program is designed to equip professionals with expertise in Green Hydrogen and Green Chemicals, focusing on production technologies, storage, transportation, applications, and market development. Participants will gain hands-on experience in hydrogen economy, policy frameworks, and investment strategies for sustainable energy transitions.

| Participant Benefits | Venue, Duration and Dates |
|---|--|
| <ul style="list-style-type: none"> Develop a deep understanding of green hydrogen production, storage, transport, and applications. Learn about global regulations, incentives, and investment opportunities in hydrogen and green chemicals. | Venue: PMI Duration: 3 Days Dates: 4 Mar to 6 Mar 2026 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> The training will be delivered by industry experts, policymakers, and technical specialists in green hydrogen. Sessions will include policy analysis, case studies, and interactive discussions on the future of green hydrogen. | NTPC Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 128) Utkrishti- Women Leadership Program Phase II

Objective: Phase II of the Women Leadership Program – "Utkrishti" is a follow-up to Phase I, designed to further develop leadership capabilities, enhance strategic thinking, and empower NTPC's women executives to take on higher leadership roles. This program integrates growth mindset, well-being, financial planning, interactions with senior women leaders, and experiential leadership activities to create a holistic leadership development experience.

| Participant Benefits | Venue, Duration, and Dates |
|--|---|
| At the end of the program participants would: <ul style="list-style-type: none"> • Develop a growth-oriented leadership mindset • Enhance physical and mental resilience for long-term leadership success • Strengthen financial planning skills for future security • Gain insights from successful women leaders on leadership and career growth • Experience team-building and strategic leadership through outdoor activities | Venue: PMI Duration: 05 days Date: 04 to 08 Mar 26 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> • Growth Mindset – The Foundation of Leadership • Health & Wellness – Physical & Mental Well-being • Financial Planning • Interaction with Women Leaders • Outbound Leadership & Experiential Learning | Women Executives of NTPC (E2 to E7 Grade) – Those who had attended Phase I of the program |
| | Learning Methods |
| | Lecture, Discussion, Case-Studies |
| | Course Director |
| | Sayoni Mazumder DGM (HR) sayonimazumder@ntpc.co.in 9425178176 |

| | |
|---|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 129) Latest Development in Power Scenario of India

Objective: This program aims to enhance the competency of operation executives by providing insights into the latest developments in India's power sector, NTPC's energy strategies, and the evolving role of thermal power plants. Participants will gain a deeper understanding of operational challenges and strategies to optimize performance in a dynamic energy landscape.

| Participant Benefits | Venue, Duration, and Dates |
|---|--|
| Operation Executive Competency Development | Venue: Through VC team, Dates: 5-Mar-26 , 3-Mar-26, 9-Mar-26, 23-Mar-26 Time: 10:00hrs to 13:00 hrs |
| Course Coverage | Target Audience |
| Latest Development in Energy Scenario in NTPC . Role of Thermal Power Plant in India Energy Mix, Future Challenges and Energy Sector Growth scenario. | Operation general Shift people Group A, B, C, D |
| | Learning Methods |
| | Through MS Teams VC |
| | Course Director |
| | Manas Kapoor, DGM (OS) Dr. Abhinav Jindal, DGM & Senior Faculty, (NTPC-PMI) |
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | No |

S.N. 130) NTPC Women Leaders' Conclave 7th Edition

Objective: Women face unique set of challenges while making their way to top leadership positions. This includes plenty of gender biases, difficulty of managing home with work, shrinking peer group and scarcity of role models. This specially designed programme is an opportunity for women leaders to come together on one platform, share their journey, get inspired from each other and learn from already established women achievers. A one of its kind experiences!

| Participant Benefits | Venue, Duration and Dates |
|--|---|
| After attending this programme, the participant will be able to <ul style="list-style-type: none"> • Hear inspirational stories of Go-Getters from they themselves • Learn from each others' leadership journey • Get to interact and be a part of senior women leaders network | Venue: Aurobindo Hall, PMI Duration: 1 Day Dates: 06 March, 2026 |
| Coverage | Target Participants |
| Major topics that will be covered during the course: <ul style="list-style-type: none"> • Talks from women high-achievers • Corporate Example sharing Learn from narratives through panel discussion | Female Executives |
| | Learning Methods |
| | Balance mix of Talks, Discussion and Corporate Examples |
| | Course Director |
| | Dr Priti Sambhalwal Manager (HR-PMI) pritisambhalwal@ntpc.co.in |
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Non - Residential |

S.N. 131) Communication presentation skills & etiquette

Objective: The goal of this training is to help develop the skills to effectively communicate in a workplace and to be able to present your information clearly. Keeping in view the need of current scenario to effectively put your message forward, these skills will help not only to present your data effectively but also engaging with them. The training also focuses on explaining the business etiquettes that describes the set of rules to govern the business interaction with one another, customers, suppliers, and partners.

| Participant Benefits | Venue, Duration and Dates |
|--|--|
| After attending this programme, the participant will be able to: <ul style="list-style-type: none"> • Communicate with a clear purpose. • Create open honest channel of communication. • Prepare and deliver interesting interactive presentations. | Venue: PMI, Noida Duration: 2 Days Date: 12-13 March 2026 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course: <ul style="list-style-type: none"> • Structuring the Content of a presentation • Design and Delivery of a presentation • Effective opening and closing in a presentation. • Self-reflection and self-management • Teamwork • Basics of Business Etiquette | Executives (E2-E7) with any engineering background, working in Plant Operation, Maintenance, Engineering, OS etc. of NTPC, SEBs and other utilities. |
| | Learning Methods |
| | Lecture and Discussions |
| | Course Director |
| | Vasudha Sharma Manager (PMI) vasudhasharma@ntpc.co.in |
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | Yes |
| Residential /Non-Residential | Residential, subject to availability of rooms at PMI |

S.N. 132) Training Programme on Financial Concurrence

Objective: This training program is designed to equip professionals with the essential knowledge and skills required for financial concurrence in energy and infrastructure projects. The program will cover financial due diligence, risk assessment, cost-benefit analysis, and regulatory compliance to ensure sound financial decision-making. Participants will gain insights into best practices in financial concurrence to enhance project efficiency and sustainability.

| Participant Benefits | Venue, Duration and Dates |
|--|--|
| <ul style="list-style-type: none"> Understand the principles of financial concurrence and its role in project approvals. Learn financial appraisal techniques, including cost-benefit analysis and risk assessment. Develop expertise in regulatory frameworks, financial prudence, and stakeholder management. | Venue: PMI Duration: 3 Days Dates: 18 Mar to 20 Mar 2026 |
| Course Coverage | Target Audience |
| <ul style="list-style-type: none"> Financial due diligence and risk assessment in project financing. Cost-benefit analysis and economic viability of projects. Regulatory compliance and governance in financial concurrence. | Finance Executives |
| | Learning Methods |
| | Lecture, Discussion etc. |
| | Course Director |
| | Dr. Abhinav Jindal DGM & Senior Faculty, (NTPC-PMI) |

| | |
|--|-------------|
| Whether open to external paid participants | No |
| Whether open to CRM participants | No |
| Residential /Non-Residential | Residential |

S.N. 133) Training on SEL make Numerical Relays

Objective: Electrical protection plays a critical role in isolation of any abnormal condition in power system and thus ensures availability of a power plant. For last few years, numerical relays have been adopted widely in NTPC Ltd. for electrical protection. Numerical relay not only isolates fault condition in the system but it also captures the vital data to diagnose the fault, reducing break-down time of any equipment. It also provides required real time data to system through SCADA.

Schweitzer Engineering Laboratories make numerical relays: SEL 751 and SEL 710 have been installed in HT/LT Switchgears of many stations of NTPC Ltd. This training is aimed to provide a three (03) days hands-on training on SEL make Numerical relays at PMI in association with SEL Bangalore.

| Participant Benefits | Venue, Duration and Dates |
|--|--|
| After attending this program, the participants will be able to: <ul style="list-style-type: none"> Understand various functions of numerical relay Understand various parameters of the SEL numerical relay Integration within electrical protection system Various protection functions: Short-circuit, Overcurrent, Earth fault, Overload etc. | Venue: PMI Duration: 03 days Date:23-25 March 2026 |
| Course Coverage | Target Audience |
| Major topics that will be covered during the course <ul style="list-style-type: none"> Relay Settings How to communicate with the relay using a laptop Sequential Event analysis Analysis of fault record | Executives up to E8 |
| | Learning Methods |
| | Lecture and case discussions by experts / consultants. |
| | Course Director |
| | Rahul Gupta Sr. Manager(PMI) rahulgupta01@ntpc.co.in |
| Whether open to external paid participants | Yes |
| Whether open to CRM participants | Yes |
| Residential /Non-Residential | Residential subject to availability of rooms at PMI |