



REC INSTITUTE OF POWER MANAGEMENT & TRAINING

आर ई सी इंस्टीट्यूट ऑफ पावर
मैनेजमेंट एंड ट्रेनिंग

TRAINING CALENDAR / प्रशिक्षण कैलेंडर

2024-2025



आर ई सी
REC

असीमित ऊर्जा, अनन्त संभावनाएं
Endless energy. Infinite possibilities.

A MAHARATNA COMPANY



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MISSION

To build an institution of global excellence for human resources development of power sector to share its experience, expertise, and enlighten the managerial personnel of power utilities.



VISION

To reach, educate, inspire, nurture, enlighten and energize power engineers/managers and strive for quality improvement in human resources for achieving higher productivity.



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About REC

REC a “**MAHARATNA**” central public sector organisation was established in 1969 in the backdrop of severe drought and famine in the country, to energise agricultural pump-sets for irrigation purposes, thereby reducing the dependency of agriculture on monsoons. From its humble beginnings, it has metamorphosed into a premier and leading Public Financial Institution providing finance to entities across the power sector value chain aimed at development of a strong and robust Indian power sector very critical for growth and strengthening of the Indian economy. It is also registered with RBI as a Non-Banking Finance Company (NBFC) and Infrastructure Financing Company (IFC). Recently, REC has also diversified into the Non-Power Infrastructure sector comprising Roads & Expressways, Metro Rail, Airports, IT Communication, Social and Commercial Infrastructure (Educational Institution, Hospitals), Ports and Electro-Mechanical (E&M) works in respect of various other sectors like Steel, Refinery, etc.

As a Maharatna company under the administrative control of the Ministry of Power, REC has been rated

‘Excellent’ for 24 consecutive years in terms of the MoUs signed with the Government. The business is funded with market borrowings of various maturities, including bonds and term loans apart from foreign borrowings, on our own. Domestically, it holds the highest credit rating from CRISIL, ICR, IRRPL and CARE and internationally it is rated at par with the sovereign ratings. Under the discerning leadership of highly qualified and experienced professionals, which has effectively harnessed the individual talents of all employees, it has maintained consistent profit margins and is ranked 8th in terms of Net Profit among all 188-profit making CPSEs. REC is committed to driving innovation, promoting a culture of excellence and fostering collaboration with stakeholders to achieve India’s goal of providing affordable, accessible and sustainable power to all its citizens.

About **RECIPMT**

REC Institute of Power Management and Training (RECIPMT) is a premier Training Institute of the power sector established under the aegis of REC Limited under Ministry of Power, Government of India. The Institute is recognised by the Central Electricity Authority (CEA) and has established itself as the hub of capacity building for employees of utilities across the power sector value chain for more than four decades. The Institute has been the training partner with Ministry of External Affairs organising more than hundred international training programmes for power sector executives of 102 countries from across the globe. It has also partnered with Ministry of New and Renewable Energy in States of Maharashtra and Telangana for training of grid engineers.

The Institute offers capacity building programmes covering wide gamut of areas in technical and managerial disciplines which are conceived on the basis of informed knowledge, anticipation of new and emerging areas, advances in technology and specific requirements of the organisations. During the last four decades, RECIPMT has organized training programmes and workshops on Technical,

Management, Finance & Accounts, HR, Information Technology and Energy Conservations relating to Power Generation, Transmission, Distribution and Renewable Sector.

RECIPMT has acted as the nodal agency for coordination and implementation of the National Training Programmes (NTP) for C&D Employees across the country, under Deen Dayal Upadhyay Gram Jyothi Yojana (DDUGJY) of Ministry of Power, Government of India through which nearly three lakh C&D category employees of various power utilities have been trained. RECIPMT has also organised training for 41,016 power distribution franchisees during the 11th plan.

Up to March 2024, the Institute has organized more than three thousand training programmes with more than seventy thousand participant Engineers/Managers from various Power Utilities, like Generation, Transmission & Distribution Companies, Electricity Departments, Rural Electric Cooperatives, Regulatory Commissions, Rural Development Agencies, Banks, CPUs, etc.



CALENDAR OF TRAINING PROGRAMS 2024-2025



National Training Programs for Power Sector Executives

National Regular Training Programs are organized by RECIPMT for executives working in national power sector utilities on state of art topics and also on areas relevant to present scenario. These Training programs are organized on both technical and non-technical topics covering advance areas related to power sector such as, Power Generation, Transmission, Distribution, Renewable sources, Finance, Management, HR and other important topics related to power sector. The National Regular Programmes through Classroom mode for the year 2024-2025 are as under:



S. No.	Name of the Program	Dates/ No. of Days
1	DESIGN AND CONSTRUCTION OF EHV SUBSTATIONS & LINES	25-28 Jun 2024/ 4 days
Transmission Planning – Design of EHV Sub-station - Bus-Bar Arrangement - Foundation Laying & Erection of Sub-Station Structures - Salient Features & Erection of Power Transformer and Switchgears including Testing & Commissioning – Earthing of EHV Sub-Station – Protection Systems – Sub-Station Automation.		
2	TARIFF POLICY, SUBMISSION OF ARR'S AND REGULATORY COMPLIANCES	25- 28 Jun 2024/ 4 days
Provisions on Tariff in EA 2003, Draft EA amendment of 2018, proposed amendment in 2021-22 and Tariff policy; Different Regulations and Guidelines on tariff design; Submission of ARR's by Power Companies; Tariff proposals in PPAs – fixation of tariff for Generation, Transmission and Distribution (retail tariff); Multi-year tariff concept; Competitive bidding – Tariff for multi licensees and emergency purchases & Role of Regulators		
3	PROTECTION SYSTEM IN EHV SUB-STATIONS & LINES	09-12 Jul 2024/ 4 days
Type of faults, Need of Protection systems, understanding power system operation under different conditions, such as overload and fault, relay technologies, fault identification, restricting fault, Conditions leading to faults, protective relays, Fault current calculations, Fundamentals and philosophy of Protection. Protection Schemes for important equipment's and lines, Special protection Schemes and improving reliability, security and stability of grid.		
4	RDS SCHEME AND SMART METERING TECHNOLOGIES - EFFECTIVE IMPLEMENTATION FOR SUSTAINABLE DISCOM OPEARTION	09-12 Jul 2024/ 4 days
Implementation of Smart Metering and AMI Infrastructure, Revamped Distribution System Scheme, Analysis of Bidding Documents and Deployment of Resources, Handling, Implementation, Coordination with Different stake holders, reporting and resolving technical issues, handing over as per bidding documents, putting the systems to use. Benefit analysis and Standardization with reference to the desired outcome of Bid. Post Implementation, such as, effective outage management, revenue management and improved operational parameters. A way towards Smart grid and Demand response modelling for sustainable operation.		

5	LABOUR LAWS - PROCEDURES IN DEALING WITH COURT CASES	23-26 Jul 2024/ 4 days
Basic Concepts Indian scenario, Importance of Law - Procedural practices; Jurisdiction of Courts; Hierarchy of Courts; Legal Terminology, etc. - Alternate Dispute Mechanism - Lok Adalat's - Types of Writs - Labour Laws - ESI, EPF and Contract Labour Act, Employees' Compensation Act – RTI Act - Procedure in dealing the Court Cases & Pursuance Required, compliances, Forms and formats, dealing with special cases and Discussions		
6	ENERGY TRANSITION, PROMOTION OF GREEN ENERGY AND BEST PRACTICES	23-26 Jul 2024/ 4 days
Growing Energy need, Economic issues, Climate change, government initiatives, sustainable renewable technologies, dropping cost and improving reliabilities, historic investments in renewable, net zero emission targets, nationally determined contributions (NDCs), carbon neutral strategies and implementation in power sector and way ahead.		
7	UNDERGROUND CABLES –SELECTION, SIZING, LAYING, MONITORING & FAULT DETECTION	06-09 Aug 2024/ 4 days
Modern trends in Underground Cabling – Basic Concepts, Selection, Types and Design of Underground including Standards of Cables - Primary & Detailed Survey, Laying of Cable, Jointing, Testing and Commissioning - Fault Location of Cables - Maintenance & Trouble Shooting & Earthing of Underground Cables - Problems encountered during conversion of overhead lines to underground cables.		
8	POWER TRANSFORMER – TESTING, COMMISSIONING, PROTECTION & MAINTENANCE	06-09 Aug 2024/ 4 days
Power transformer - principles of operation, parallel operation, OLTC and best practices in Erection, Testing & Commissioning, Transformer oil – Standards -Testing and oil filtration of power transformer – Periodical, Preventive and Break down Maintenance and Power transformer failure analysis, Condition monitoring of Power transformer – DGA, Furan and RLA, Protection systems– digital & numerical, Earthing of earth resistance ,Factory testing & Procedure with connection diagrams		
9	PROCUREMENT & SUPPLY CHAIN MANAGEMENT	21-24 Aug 2024/ 4 days
Purchasing Procedures, Delegation of Powers and Public Procurement Practices for Power Sector Organizations, Tender Documents Development and Terms of Reference. Contract Management and Risk Mitigation, E-Procurement, Procurement through Government E Market Place (GEM), Vendor Development, MSME and Vigilance Aspects in Procurement, EPC Project Management, Role of SAP, ERP in Procurement & Supply Chain Management.		

10	OPERATION AND MAINTENANCE OF EHV SUB-STATION AND LINES	21-24 Aug 2024/ 4 days
EHV Equipment Selection and Sizing, EHV Equipment Erection, Operation and Maintenance, Condition Monitoring of EHV equipment's, Erection, Testing and Commissioning, of Transmission Lines, Operation and Maintenance of Transmission lines, Emergency Restoration System; Hot Line Maintenance, Protection philosophy of substations and lines and Safety Aspects		
11	BEST PRACTICE IN HR MANAGEMENT FOR POWER UTILITIES	24-27 Sep 2024/ 4 days
Power sector scenario, issues and challenges, Dynamics in Power sector, expectations of stake holders and mitigating them by adoption of innovative HR practices, developing learning atmosphere, role of Training and Development, Values and Ethics, Behavioral aspects, Motivation, work life balance and creating an organization a best place to work a win-win scenario.		
12	REGULATIONS IN GRID MANAGEMENT AND ITS SECURITY ISSUES	24-27 Sep 2024/ 4 days
Grid Operation, Regulations and guidelines role of SLDCs in stable operational, Optimal load forecasting & scheduling, RPC's, OCC and PCSC roles and responsibilities, Technical aspects in Transmission Congestion Management-TTC/ATC, Grid connectivity procedure LTOA, MTOA & STOA, GNA & TGNA regulations, ABT, DSM regulations 2022/23 & Case studies, POC, Grid security measures Islanding Cross border regulations, REMC Challenges in Grid balancing and operation, Grid Failures-Case studies - Role of Voltage stability- Reactive Power Management, Grid Ancillary services & Cyber security in SLDC		
13	CONCEPT TO COMMISSIONING OF SOLAR POWER PLANTS	22-25 Oct 2024/ 4 days
Overview of solar PV Systems - issues and challenges; Design Concepts of solar PV systems, Roof Top Solar PV Systems, Best practices of Erection, Testing, Commissioning, O&M of solar power plants, Methods of tracking, Design with software (PV SYST), Selection of modules, inverters and structures & detailed Bill of Material, Performance measurement, Reliability Testing, Qualification tests, IEC Standards 61215 & 61646; Typical faults and diagnosis, Safety considerations and lightning protection		
14	GENERAL NETWORK ACCESS (OPEN ACCES), POWER TRADING & ENERGY EXCHANGES	22- 25 Oct 2024/ 4 days
General network access, Open Access - Electricity Act, New amendments, Power Trading in multi-buyer and multi-seller environment; Availability based tariff – concept and importance, Balancing and settlement mechanism; Power trading rules in changed scenario; Role of Regulatory Commissions - Open Access challenges for Power Market		

15	OPERATION & MAINTENANCE OF DISTRIBUTION SUB-STATIONS AND LINES INCLUDING DISTRIBUTION TRANSFORMERS.	11-14 Nov 2024/ 4 days
O & M of Switching equipment, Protection equipment, Control equipment and transformers in power distribution system - O&M of Distribution substation and lines, Code of practice in Sub Station and lines Operations, Work permits, line clear procedure, Maintenance of log books, Records, etc., Concept of Intelligent Substations. Recent Developments in Materials and manufacturing of electrical equipment, Design and Manufacturing of Distribution Transformers, Erection, Testing and Commissioning of Distribution Transformers, Transformer Oil Characteristics, Filtration and Reclamation Techniques, Maintenance of Distribution Transformers, Protection and Failure Analysis of Distribution Transformers.		
16	POWER PURCHASE AGREEMENTS AND ITS INTRICACIES	11-14 Nov 2024/ 4 days
EA amendment of 2018, amendment in 2021-22, Provisions for Electricity purchase, Undertaking and obligations of the developer and Power Utility; Acceptance test procedure; Sale and purchase of energy; Tariffs, Force majeure, Buy-out clause, Dispute Settlement Mechanism, Arbitration & Reconciliation; Role of Regulatory Commissions; PPA for Renewable, Power Market, Negotiating PPAs-Front Loading & Project Based Security, Role of forecasting and optimizing power purchase cost. Dealing with Legalities and Intricacies in Power Purchase.		
17	TECHNO COMMERCIAL IMPROVEMENTS OF DISCOMS – ISSUES & CHALLENGES	19-22 Nov 2024/ 4 days
Understanding Balance sheet of DISCOMS, Important Techno Commercial Parameters for DISCOMS, Understanding of Income and Expenditure components, Controllable technical and commercial measures, CAPEX and OPEX requirements, Best Practices for improving baselines for DISCOMS, Average Cost of Supply (ACS) vs Average Revenue Realization (ARR), Analysis of Financial Statement for ARR filing, Commercial issues and regulatory practices to improve operational efficiency of DISCOMS		
18	DESIGN, CONSTRUCTION, TESTING & COMMISSIONING OF DISTRIBUTION SUB-STATION AND LINES	19-22 Nov 2024/ 4 days
Design, Construction, Testing & Commissioning of Sub-station (Indoor & Out door) – Bus-Bar Arrangements - Reactive Power compensation – Earthing Practices in a Substation - Power Transformer - Operating Principle, Erection and Testing & Commissioning - Testing & Commissioning of Instrument Transformers and Breakers - Protection in a Sub-station – Battery and Battery Chargers		

19	SCADA, AUTOMATION AND DISTRIBUTION MANAGEMENT SYSTEM	03-06 Dec 2024/ 4 days
<p>SCADA and Automation Concepts, Standards and Protocols for SCADA and Distribution Management System - Introduction to Essential Building Blocks for Advance Distribution Management Systems, such as SCADA system, RTU, FRTU, RMU, FPI, MFT, Smart Meters, AMI, etc. and their implementation, Functions of Advance Distribution Management Systems – Outage Management Systems, Fault Location, Isolation and Service Restoration (FLISR), Predictive Fault Location (PFL), Power Purchase Cost Optimization and Renewable Energy Management a way towards smart grid</p>		
20	DISTRIBUTION LOSS REDUCTION, ELECTRICITY THEFT - ISSUES, CHALLENGES AND REMEDIAL MESURES	10-13 Dec 2024/ 4 days
<p>Technical Losses in Distribution Business, Commercial Losses, Energy Accounting and Audit - Distribution Losses - Analysis of Aggregate Technical and Commercial (ATC) losses - Pilferage of Electricity and malpractices, Remedial measures, Administrative, legal and technical measures for minimization of theft of electricity and distribution losses - Assessment and Penal Provisions - Electricity Act Provisions, Vigilance Operations – issues and challenges, best practices in improving metering, Billing & Collection of electricity for sustainable operation of DISCOMS.</p>		



Regular Training program on Open Access



Regular Training program on Tariff Policy

HOW TO REGISTER

1. The course fee for National Regular program on **residential basis** is **Rs. 6825/day/ participant + 18% GST**. The course fee on **Non-Residential basis** is **Rs. 5775/day/ participant + 18% GST**.
2. Programs are mainly residential and conducted at RECIPMT Campus, Shivarampally, Hyderabad.
3. A discount of **10%** is offered on the course fee on nomination of 2 or more participants per program and **20 %** on nomination of 4 or more participants per program.
4. Course Fee for residential programmes includes boarding and lodging in addition to tuition fees, courseware & other facilities, field visit, etc. whereas fee for non-residential programme excludes Boarding and Lodging.
5. The participants have to make their own transport arrangements to reach RECIPMT Campus.
6. The Course fee is required to be paid in advance by banker's cheque or demand draft drawn in favor of **"REC Institute of Power Management and Training"** payable at Hyderabad. The course fees can also be paid by NEFT/RTGS. The Bank Details of RECIPMT are as follows:

Name of the Bank	HDFC Bank Ltd.
Account No.	00210350000930
IFS Code	HDFC 0000021
MICR No.	500240002
Branch & Address	Lakdikapul Branch, Hyderabad
PAN	AAACR4512R
GSTIN	36AAACR4512R3Z0

7. Names of the nominated officers need to be sent to the **Director, REC Institute of Power Management & Training (RECIPMT)**, Shivarampally, Aramghar X Roads, NPA Post, Hyderabad – 500052 along with the course fee.
- 8 The nominations may also be sent by E-mail: recipmt@gmail.com / recipmt@recl.in.
- 9 **RECIPMT is entering into MoUs with different Power Utilities for long term association and enhancing the Capacity Building of the Power Sector Executives by offering special discounts. Interested Power Utilities may contact Shri Sudhir S Chopade, Faculty (GM) in his Mobile No. 7680883477 for exclusive programs with customized requirements and for entering into MoUs to reap maximum benefit.**



REC Sponsored Programs for Power Sector Executives

Every year, REC Limited sponsors training programs to its client organizations which is free of cost. These training programs are coordinated by RECIPMT and are aimed towards capacity building of executives of power sector on safety, efficiency improvement and awareness about new policy changes and regulations. This year following three (3) training programmes are to be organized as classroom training program at utility or at RECIPMT premises which will be free for clients of REC Ltd. Allotment to utilities is done on the rational basis to all interested clients.

S. No	Name of the Program	Brief Contents	No. of Days
1	ELECTRICAL SAFETY PROGRAM FOR POWER UTILITIES (for Middle and Junior Executives)	Safe working practices in Power Sector, CEA Safety Regulations 2023 - Safety Code for erection, operation & maintenance of Electrical Installations - Causes and Prevention of Accidents - Safety Tools - Line clearances and permits - Importance of Earthing - Step Potential, Ground Potential raise, Touch Potential, Transfer Potential – Methods of measuring & reducing Earth Resistance - Fire Safety - Prevention of Fire in Electrical Substations - Safety Audit - First Aid Practices in cases of Electrical and other Accidents	3
2	BEST PRACTICES FOR POWER UTILITIES (for Middle and Junior Executives)	Adopting of Best practices from domestic and global experience towards improvement of efficiency & profitability, towards affordable, reliable and sustainable power supply, Future of Utilities with Reformative Measures advance practices and techno commercial measures to improve performance of utilities	3
3	CHANGE MANAGEMENT, LEADERSHIP AND TEAM BUILDING (for Power Sector Executives)	Changing Landscape of Indian Power Sector – Issues and Challenges, New Initiatives of Government of India, Managing Change and Building Result Oriented Teams to Lead in Dynamic and Changing Market, Design Thinking and Managerial Communication for Influential Leaders, Managing Conflicts and Transformation of Leadership. Implementing Innovative Practices for Developing an Agile Organization. Case Studies: Successful Change Initiatives in Power.	3

Terms & Conditions for Conduct of REC Sponsored Free Training Program

These training programmes shall be organised by REC Institute of Power Management and Training, Hyderabad. For organising the above programmes, the responsibilities of RECIPMT and the Utility concerned shall be as under:

A. RECIPMT SCOPE

1. These Training Programs sponsored by REC Ltd for its client organisations shall be organised by RECIPMT at the utility premises or locations as decided by the Utilities free of cost.
2. Faculties for the programmes shall be arranged by RECIPMT or the Utilities themselves . In either case, all related cost such as Honorarium, Travel, Accommodation, etc. for the faculties shall be borne by RECIPMT as per the approved budget.
3. **All expenses related to course kit for actual number of participants shall be borne by RECIPMT as per actuals subject to a maximum of Rs. 1000/- plus GST per participant** (The Course Kit shall consist of a bag, reference/course material, scribbling pad, pen, etc. to be distributed to the participants in the classroom on the first day of the programme)
4. **RECIPMT shall provide sample of the Course Material in Soft or Hard form to the Utilities. The same has to be printed and distributed among the participants before commencement of the program. The expenses for the same shall be met under the course kit budget.**
5. Soft copy of all presentations shall be shared by RECIPMT through internet link to concerned coordinator/ participants.

B. UTILITY SCOPE

1. The Utility shall arrange 25-30 participants for each programme. The travel cost of the participants as well as their accommodation shall be borne by the Utility .
2. The Utility may depute a local **Coordinator/Officer for the programme who will be the single contact point for smooth conduct of the programme**. The details of the Coordinator with designation and contact number shall be shared with RECIPMT before hand.
3. Utility shall send the training program order with list of participants in excel format along with their contact details well in advance before commencement of the programme.
4. Utility shall make arrangement of the Training Venue alongwith Audio-Visual Equipment, Slide Changer, Public Address System, etc. at their own cost .

5. Printing of Banners / standees with name **of REC Ltd. alongwith logo prominently displayed on the same** shall be arranged by the Utility at the Venue/Training Hall .
6. **Utility shall support RECIPMT in arrangement of course kits , printing of forms/formats/ certificates , banners etc. and group photographs (No. of Participants + 3 Additional Photographs) through GST vendor from local market. Expenses towards the same shall be borne by RECIPMT under the Course Kit budget as per actuals subject to a maximum of Rs. 1000/- plus GST per participant .**
7. One copy of Group Photograph is to be distributed to each participant and one each shall be kept for Utility/RECIPMT and Coordinator's record.
8. Local support such as Pickup & Drop from Airport/Railway station to place of stay and place of stay/residence to training venue may be arranged by the Utility for the Visiting Faculties.
9. Accommodation for visiting Faculties shall be arranged preferably in Utility Guest house. In case of unavailability of Guest House , utility/ local coordinator shall arrange the accommodation for faculties in nearby Hotel within ceiling of Rs. 3500/- plus GST. (The charges for the Guest House/ Hotel will be reimbursed by RECIPMT on production of GST invoice/bill in the name of RECIPMT Hyderabad incorporating the GSTIN 36AAACR4512R3Z0).
10. Lunch, two times Tea (i.e., Morning & Evening) shall be arranged for the actual number of participants plus 5 nos. for faculties and guest per day of each training batch. The expenditure on this account shall be reimbursed by RECIPMT as per actuals subject to a maximum of Rs. 350/- per participant/day plus GST. No reimbursement for dinner or breakfast will be made.
11. **All the invoices/bills should be GST compliant and drawn in favour of,, RECIPMT, Hyderabad (Telangana) with GSTIN no. 36AAACR4512R3Z0.** Further, all the bills/invoices should be countersigned by the Utility Official/Coordinator deputed by the Utility and submitted along with self declaration provided by RECIPMT.

*For any further clarification and information, please contact **Dr. R Mohd. Nafi General Manager** (mobile number 9441296670) or **Shri. Sudhir Chopade, Faculty (GM)** (mobile number 7680883477) or by email recipmt@gmail.com / recipmt@recl.in*



Electrical Safety in Power Utility for PSPCL at RECIPMT Campus



Best Practices in Power Utility for PSPCL at RECIPMT Campus.



Participants at Golconda Fort



Participants of Inhouse Training Program



In-House Training Programs for REC Employees

RECIPMT plans to organize following training programs for the Executives of REC Limited as classroom programs and open to all employees as per training need.

1. IN-HOUSE PROGRAMS AT RECIPMT CAMPUS

S. No.	Name of the Program	Brief Contents	Dates/ No. of Days
1	Purchase Procedures, E-Procurement through GeM	REC Purchase Procedures – Tender Document Development - Vendor Rating and Vendor development – Contract Management and Managing Risk – e-procurement – GEM Portal – Hands on Experience on GEM portal & Tender Wizard	15-17 May/ 3 days
2	Finance for Non-Finance Executives	Fundamentals of Financial Statement, Accounting and Budgeting, cash flow, Budgeting, Understanding of Balance Sheet, Ratios, Fund Raising and Disbursements, Risks and Risk Mitigation	28-30 May / 3 days
3	General Management	Power Sector Overview - Financing of Infrastructure Projects - Leadership perspective - Personal Leadership Development and Emotional Intelligence - Managing Change, Conflict Management - Effective Communication Skill - Work-Life Balance	05-07 Jun / 3 days
4	Technical Aspects for Non-Technical Executives	Power Sector Overview – Generation, Transmission and Power Distribution – Issues and Challenges - AT&C Losses – RDSS Scheme and Smart Metering Technologies - Renewable Energy & Energy Transition	12-14 Jun / 3 days
5	Advanced MS Excel & PowerPoint	MS EXCEL: Working with multiple worksheets, Various types of excel functions, excel validation, Pivot table, creating charts & graphs MS POWER POINT: Slides & Layout, Text & Tables, Pictures & Graphics, Present slideshows, Animations, Business Presentation	03-05 Jul / 3 days
6	Enterprise Resource Planning (ERP)	Project Module - Claim Module - Loan Module - Finance Modules - AP module - AR Module - GL Module	29-31 Jul / 3 days

2. IN-HOUSE TRAINING PROGRAMS AT OFF CAMPUS

S. No.	Name of the Program	Brief Contents	No. Of days
01	Financing of Infrastructure (2 Batches) Location - Goa	Introduction to Infrastructure financing, Characteristics of Infrastructure Projects, Limitations, Need of Public Private Partnerships, Sources of Financing Infrastructure Projects - Financial Modelling, Risks Associated with Various Infrastructure Projects - Risk Assessment & Mitigation, etc.	03
02	Leadership and Communication Skills (2 Batches) Location: A & N Islands	Leadership Styles & Methods, Role of a leader, Effective & Managerial Communication, Transformational Leadership, how to become team-player/team-leader in crises, Motivation, building result-oriented team, Managing Group Dynamics.	03
03	Behavior Skills & Team Building (2 Batches) Location: A & N Islands	Methodologies for improving behaviour, Effective Communication skills, Group Dynamics & Team building, Conflict Resolution, Enhancing Leadership qualities, Values actualization, managing attitude, building Teams, Managerial Communication, Building Effective Interpersonal Relations.	03



In-House Training Program in collaboration with ISB, Hyderabad



Customized Programs for Power Utilities

RECIPMT also conducts Customized Training Programs on the subjects, based on the interest of the power utilities. RECIPMT also designs programmes on the specific requirement of the power utilities, such as Induction training programs for newly recruited engineers or any task-based training programs viz., adoption of new technology, upgradation, etc. by entering into MoUs and conducts the same either at RECIPMT premises or at the premises of the utilities. A list of sample training programs is mentioned below. Customized training programs may be combination of these indicated training modules or outside these areas also.

S. No.	Name of Technical Program	Duration
1	Design & Construction of Distribution Substations & Lines	5 days
2	Technical Specifications, Construction Standards for Distribution Systems	5 days
3	Concept to Commissioning of Solar Power Projects	5 days
4	Technical Aspects for Non-Technical Executives	5 days
5	Testing, Commissioning & Construction of Distribution Sub-Station and Lines	4 days
6	Earthing Practices and Safety Measures in Electrical Installations	4 days
7	O & M of Distribution Sub-Station & Lines	4 days
8	Distribution Loss Reduction - Pilferage of Electricity – Issues, Challenges and Remedial Measures	4 days
9	Protection System	3 days
10	Gas Insulated and Indoor Sub-stations	3 days
11	Operation, Maintenance and Protection Aspects of Distribution Transformers	3 days
12	Energy Audit & Technical Loss Reduction	3 days
13	Underground Cables – Design, Laying, Testing & Fault Detection	3 days
14	Latest Trends in Metering, Billing and Collection	3 days
15	Power Factor Improvement and Reactive Power Management	3 days
16	Advance Distribution Management System.	

S. No.	Name of Non-Technical Program	Duration
1	Ind AS (IFRS) Adoption in Power Sector	5 days
2	Finance for Non-Finance Executives	5 days
3	Best Practices in HR Management of Power Utilities	4 days
4	General Management & Leadership Skills	4 days
5	Open Access, Power Trading & ABT	3 days
6	Tariff Policy and Submission of ARR - Regulatory Compliance	3 days
7	Power Trading & Energy Exchange	3 days
8	Companies Act 2013 and Corporate Governance	3 days
9	Implementation of Goods and Services Tax (GST)	3 days
10	Power Purchase Agreement	3 days
11	Personality Development, Communication & Negotiation Skill	3 days
12	Motivation, Team Work & Stress Management	3 days



Customized Training Program at KSEBL

RECIPMT CAMPUS

A beautiful and lush green campus of RECIPMT is spread over an area of around 14.3 acres fully equipped with facilities for meeting training needs of our valued Clients. It is located on the National Highway No.44, at Aramgarh X Roads, Shivarampally, Hyderabad which is about 16 Kms away from the new Rajiv Gandhi International Airport, Shamshabad



DEMONSTRATION FACILITIES

RECIPMT has developed an Energy Park equipped with 40kwp Rooftop Solar PV System, 1kwp Solar Street Lights, 5kwp Solar Water Pumping System and HVDS Resource Centre along with HVDS System for demonstration.



RECREATION FACILITIES

Indoor games like Table Tennis, Chess and Carrom are available. Jogging Track of 1 km length, Badminton court and mini Gym are also available.



Badminton



Chess and Carrom

CLASSROOMS

State of the art class rooms with advanced training facilities are available. The Institute has latest teaching aids as well as full-fledged Computer lab and Wi-Fi facility. It also has an air-conditioned Conference Hall with a seating capacity of 70 members



LIBRARY

RECIPMT Library is one of the specialized centers with about 5000 books and reference materials on the subjects like generation, transmission & distribution, energy efficiency and conservation, construction standards and specifications, management and information technology, electricity rules and laws, reforms and restructuring in power sector, etc. It subscribes to renowned journals on energy and power sector which caters to the information needs of the participants, in house faculty and guest faculties.



Library



Library

HOSTEL

RECIPMT has got 36 air-conditioned rooms, 2 VIP Suites and air-conditioned dining hall. All the rooms are provided with solar hot water facility & Led TV. The Hostel is equipped with Wi-Fi facility.



Hostel Building



Room



Dining Hall

FACULTY MEMBERS – INTERNAL

S. No.	Name with Designation	Specialization
1	TSC Bosh, Executive Director	DDUGJY, Rural Electrification, Quality Assurance, Monitoring and Evaluation, Distribution Management
2	RP Vaishnaw, Executive Director	Internal Auditing; Financing of Power Projects, Risk Management
3	N. Venkatesan, Executive Director	25 years of experience in Project Formulation, Appraisal & Monitoring of Power Projects
4	Fuzail Ahmed, Executive Director	Project Monitoring and Power Plant Familiarization; O&M of Transmission System; Construction and Quality Control Mechanism
5	Rajesh Raj, Director	30 years of experience in HR Management, Recruitment, Training & Capacity Building of Executives
6	Dr. R. Mohd. Nafi, General Manager	25 years of experience in Power Sector & Rural Electrification, Change Management, etc.
7	Sudhir S Chopade, Faculty (GM)	20 years of experience in teaching and power plant training, Special interest includes Condition monitoring of HV equipment.
8	Ms. Pooja Gupta (DGM)	15 years of experience in HR Management, HR Operations and Performance Appraisal, Recruitments and HR Compliance.
9	Ms. Himabindu G (CM)	Power Sector Policy & Scheme Implementation, Project Appraisal and Financing Power Sector Projects, Utility Reforms & Special Interventions with Advanced Systems.
10	Santosh Kumar Sahu, CGM	32 years of experience across Power Generation, Transmission & Distribution Sector, Financing and Disaster Management, Ex-CEO of Facor Power and Ex-Director (Fin) of OHPC & GEDCO
11	Taruna Gupta, CGM	Investments, Merchant Banking, Resource Mobilization, Internal Audit, International Cooperation & Development, CSR
12	N.K. Maurya, CGM	Financial Accounting, Auditing, Cost Accounting, Cost Auditing, Internal Audit, CERC-Tariff Fixation related topics
13	P.S. Hariharan, CGM	Project Investigation and Appraisal - Project Financing - Generation projects
14	Saurabh Rastogi, CGM	Financing of Renewable Energy Projects (Wind Solar/Biomass/Small Hydro)
15	R Anbalagan, CGM	Entity Appraisal System for State and Private Sector Power Utilities - Critical Evaluation of Borrowers/Promoters
16	Tekkam Sridhar, Sr. GM	30 years of experience in the gamut of HR Practices in 4 CPSEs
17	D.B. Londhe, Sr GM	Hydroelectric Power Generation includes survey, investigation, construction, testing, commissioning, operation & maintenance
18	Aparup Paul, Faculty (GM)	20 years of experience in the area of Production, O & M of Thermal Power Plants and Energy Conservation.
19	A. Veluchamy, Sr.GM	Project Financing, Project Appraisals, AT&C Loss Reduction, Infrastructure Project Management & Fixation of Tariff
20	Ch V Lakshmana Charyulu, GM	19 years of experience in project financing, appraisal, monitoring and financial analysis

FACULTY MEMBERS – EXTERNAL

Name of Guest Faculty	Specialization
SK Deo	Thermal Power Generation
C Sriprakash	Operation & Maintenance of Thermal Power Plants
B. Jagadesh Prasad	Design of Hydro Power Plants
SV Ramana	Operation, Maintenance & Protection in Hydro Power Stations
KV Nageshwar Rao	R & M of Thermal Power Plants
K Venkata Rao	Operation of Thermal Power Plants and Trouble Shooting Aspects
RV Ramana Rao	CEA's safety regulations, Earthing Practices, Safety Management Systems
V Seetaram	Accident Prevention, work permit systems, Factories Act & Site Emergency Plans
SH Waikar	Power Transformer Specification - O & M and Condition Monitoring
S Ganesh Babu	Sub-Station Operation & Maintenance & Distribution Automation
L Parthasarathi	Generation and Transmission Planning & Load Flow Studies
Dr. HS Kalsi	Circuit Breaker technologies & Erection and Testing
C Venkateswarulu	Protection System in Generation and Transmission
M Srinivasulu	Hot line Maintenance of Transmission Lines & Sub-Stations
P Gopalakrishna	Sub-station Automation and Protection of Transmission lines
G Satyanarayana	Design, Erection and Commissioning of Gas Power Stations
S C Satyanarayana	O&M Shunt Reactors and Serious Capacitors
P Suryaprakash	Transmission Tower Design and Testing
N Vijay Kumar	EHT Lines - Survey, Erection, Testing and Commissioning
K Murali Krishna	Power Transformers, Transmission Lines & Sub-Stations
Anil G Patil	Transmission Systems & Smart Meters
Dr. G Mohan Rao	Gas Insulated Sub-stations
P Srinivasa Rao	EHV Underground cables
B Neelakantam	Transformer & Bus-Bar Protection & Fault Level Calculation
S Subramanian	Safety Aspects in Distribution & Transmission & Technical Loss Reduction
Ch Narasimha Murthy	Technical Specification, Construction Standards and Load Forecasting
P Narender Kumar	SCADA, Protection Aspects, Technical Loss Reduction, Sub-station Equipment
E M Chakravarthy	Metering Technologies, Protection in Distribution & SCADA
Ajit Prasad A Ganguly	Latest Trends in Power Sector, Technical Loss Reduction, Safety Aspects, etc.
RJ Singh	Technical Losses, Safety and O&M Aspects in Distribution
S Sunil Kumar	Open Access & ABT – Payment Mechanism, Metering Technologies, etc.
Dr. Gayatri	Smart Metering Technologies, Advance Metering Infrastructure, etc.
Phanindra Kumar	GIS & GPS Applications in Distribution System
B Muralidhar Rao	CEA Regulations on Safety, Safety Code & Safety Audit
N Ramchander	Solar Power Invertors & PV Systems, On-grid and Off-grid system, O&M Aspects, etc.
Guruswami Revana	Bio-Mass, Geo-Thermal, Tidal & Wind Power Generation
DV Someswara Rao	PPA, Competitive Bidding & Generation Tariff
K Hariprasad	Preparation of Annual Revenue Requirements & Retail Tariff Fixation
C Jagadesh Reddy	Capital Budgeting, Project Appraisal & Risk Analysis and Cost Management
GB Sastry	Labour Laws, Alternate Dispute Mechanism, Procedures in dealing Court Cases, etc.
KS Srinivas	EPF, ESI, Employee Compensation and Contract Labour Act
Dr. AS Kumar	Customer Relation Management & Communication & Presentation Skill
Dr. Sanjeev Rao	Best HR Practices, Leadership Skills and Team Building
C Vijayakumar	Motivating Self, Employee Motivation and Morale Development
Dr. Sandhya Tiwari	Business Communications, Managing Change & Building Organizational Culture
K Srinivas	Time Management, Leadership Qualities, Positive Thinking & Attitude
Satya Duvvuri	Design Thinking, Soft skills, interpersonal relations, conflict resolutions
D Muralidhar	Communication Skills, Leadership and Behavioral skills
A R Siva Muthu Kumar	PPA, Competitive Bidding & Generation Tariff
Dr. DV Ramana Murthy	Managing Change, Conflict Management, Leadership Perspective, etc.
UN Murthy	Labour Laws, Procurement Procedures, GeM Procurement, etc.
Preetam Kumar	Material Management, Purchase Procedures, Procurement, Vigilance Aspects, etc.
ANSEN Murthy	Smart Metering Technologies, RDSS Implementation, etc.

MoU Signed with Institutes and Utilities:

RECIPMT has entered into MoUs with various Institutes like IIT Hyderabad, IIT Madras, IIT Roorkee and ISB Hyderabad for long term association and also with various Power Utilities, viz., APEPDCL, APCPDCL, BESCOM, TPNODL, JDVVNL, HPSEBL, HPPCL, PSPCL and RVPNL.



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APCPDCL



HPSEBL



HPPCL



PSPCL



RRVNL

Photo Gallery



Inauguration



Certificate Distribution



Republic Day Celebration



Interaction with the Participants



Customized Program for PSPCL

FOR FURTHER INFORMATION PLEASE CONTACT

RAJESH RAJ
DIRECTOR

REC INSTITUTE OF POWER MANAGEMENT AND TRAINING

(Formerly Central Institute for Rural Electrification)

आर ई सी इंस्टीट्यूट ऑफ पावर मैनेजमेंट एंड ट्रेनिंग

(पूर्व सेंट्रल इंस्टीट्यूट फॉर रूरल इलेक्ट्रिफिकेशन)

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