

CALENDAR OF TRAINING PROGRAMMES

2022 – 2023



REC INSTITUTE OF POWER MANAGEMENT & TRAINING
(Formerly Central Institute for Rural Electrification)

of

R E C Limited
(Formerly Rural Electrification Corporation Limited)
(A Government of India Enterprise)

About REC

REC came into being in 1969 to articulate a response to the pressing exigencies of the nation. During the time of severe drought, the leaders sought to reduce the dependency of agriculture on monsoons by energizing agricultural pump-sets for optimized irrigation. Thereafter, we have ventured into newer paths and expanded our horizons to emerge today, as a leader in providing financial assistance to the power sector in all segments, be it Generation, Transmission or Distribution.

We are a **Maharatna** company under the Ministry of Power. We found our business with market borrowings of various maturities, including bonds and term loans apart from foreign borrowings, on our own. Domestically, we hold the highest credit ratings from CRISIL, ICRA, IRRPL and CARE and internationally we are 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 our employees, we have maintained consistent profit margins and paid dividends each year since fiscal 1998. We have thus propelled ourselves to a net worth of ₹ 50,986 crore.

Our humble beginnings spearheaded our strides into the corporate world and to this day our commitment towards nation-building constitutes our core value. As a natural corollary, we have been appointed as the nodal agency by the Government of India for implementation of Saubhagya and DDUGJY, the schemes which aim at providing 24x7 sustainable and affordable powers to all households in the country. We have also been entrusted with the responsibility of being the coordinating agency for rolling out UDAY which seeks to operationally reform and financially turnaround the power distribution companies of the country. Our subsidiary RECPDCL works in tandem with us to realise our shared mission by providing consultancy services in Distribution and Transmission sectors.

We take due cognizance of the fact that we owe our stupendous success to our customers, the unflinching commitment of our employees and our countrywide presence through 22 state offices which ensures easy accessibility. Having bolstered our share in the country's total power capacity, we are poised to help build a sound infrastructure to provide affordable, accessible and sustainable power.

About RECIPMT

REC Institute of Power Management and Training (RECIPMT) established under the aegis of REC Ltd a CPSE under Government of India is a premier Power Sector Training Institute, Recognised by Central Electricity Authority (CEA). RECIPMT is dedicatedly working for human resource development of power sector for more than last four decades. 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

VISION

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

RECIPMT is the nodal agency for coordination and implementation of the National Training Programmes for C&D Employees across the country, under Deen Dayal Upadhyay Gram Jyothi Yojana (DDUGJY) of Ministry of Power, GoI. Till 31st March 2022, RECIPMT organised training for 2, 91,352 C&D categories of employees of various power utilities. RECIPMT has also organised 41016 no of training of power distribution franchisees during the 11th plan.

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.

RECIPMT is also organising training programmes for the Executives of International Power Sector Organisations. So far, trained 1747 executives from 98 countries by organising 104 batches of training to International Power Sector Executives. The duration of trainings varies from 4-12 weeks. Upto March 2022, the Institute has organized 2895 training

programmes and 63,763 Engineers/ Managers from various Power Utilities, like Generation, Transmission & Distribution Companies, Electricity Departments, Rural Electric Cooperatives, Regulatory Commissions, Rural Development Agencies, Banks, CPUs, etc., participated in the programmes.

CALENDAR OF TRAINING PROGRAMS - 2022-2023

1. NATIONAL REGULAR PROGRAMMES - WEBINAR

RECIPMT organizes every year Regular Training Programmes for national participants on state of art subjects of interest to power utilities. The Regular Programmes proposed through Webinar mode for the 2022-23 are as under:

Sl. No	Name of the Programmes	Contents	Dates/ No. of Days
1	EARTHING PRACTICES AND SAFETY MEASURES IN ELECTRICAL INSTALLATIONS	Indian Electricity Rules & Safety Code of C.E.A, Importance of equipment Earthing, Types of Earthing, Design of Earth Mat, Earth resistivity, Soil Resistivity and measurement of Earth and soil Resistance, Methods to Improve Earth Resistance, maintenance free Earthing, and advance methods, Line Clearing Procedures for Safety and Accident Prevention; First Aid Practices for Electrical Shocks, Burns, Snake Bites and Falling from Heights; Artificial Respiration; Fire safety and prevention of fire and safety maintenance.	13-15 Jul 2022/ 3 days
2	POWER FACTOR IMPROVEMENT AND REACTIVE POWER MANAGEMENT	Types & Effect of Reactive Power - Correction Methodology, Salient features, Erection, O&M and fault analysis of Shunt Capacitor and Series Capacitors - 11 KV and LT Switched Capacitors - Capacitors Bank Formation, Neutral Grounding - Erection, commissioning O&M, Protection of Reactors - Case studies of Capacitor failures, Factory Testing of Capacitors – FACT and Static VAR Compensation.	20-22 July 2022/ 3 Days
3	OPEN ACCESS, POWER EXCHANGES & TRADING	Open Access - Electricity Act, 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.	25-27 July 2022/ 3 Days
4	DISTRIBUTION TRANSFORMERS - OPERATION & MAINTENANCE PRACTICES FOR FAILURE MINIMIZATION	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.	3-5 Aug 2022/ 3 Days
5	PROTECTION SYSTEM IN EHV SUB-STATIONS & LINES	EHV sub-station layout and bus bar arrangements - Fundamentals of protection and Code of Practice – Design, Selection, Construction & Installation of Instrument Transformers, - Introduction to protection aspects of EHV sub-stations and different type of protections - Transmission line protections, Transformer and reactive protection – AC/DC logics - General principles of transmission lines, protection, primary and backup protection – Distance protection schemes for long and short lines, etc.	17-19 Aug 2022/ 3 Days
6	POWER PURCHASE AGREEMENT	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	22-24 Aug 2022/ 3 Days
7	SMART METERS, AMI & TECHNOLOGIES	Concept of Smart cities and smart grids as per GOI initiatives – Infrastructure upgrade of Sub- transmission and distribution networks – Smart cities energy requirements coming from Solar, renewable energy utilization and Decentralized Distributed generation for smart cities – Smart metering, robust IT connectivity and Digitization – Energy efficient street lighting – Outage management system.	26-28 Aug 2022/ 3 Days
8	DISTRIBUTION LOSS REDUCTION - PILFERAGE OF ELECTRICITY – ISSUES, CHALLENGES AND REMEDIES	Energy Audit - Distribution Losses - Analysis of Aggregate Technical and Commercial (ATC) losses - Methods of Detection of Pilferage of Electricity and malpractices adopted, Remedial measures for arresting pilferage of electricity - 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	5-7 Sep 2022/ 3 Days

9	TARIFF POLICY AND SUBMISSION OF ARR – REGULATORY COMPLIANCE	Provisions on Tariff in EA 2003 and Tariff policy; Different Regulations and Guidelines on tariff design; Submission of ARRs 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	13-15 Sep 2022/ 3 Days
10	LABOUR LAWS - PROCEDURES IN DEALING WITH COURT CASES	Basic Concepts & Sources of Law - Procedural and Substantial Law; Jurisdiction of Courts; Hierarchy of Courts; Legal Terminology, etc. - Alternate Dispute Mechanism - Lok Adalat - Types of Writs - Labour Laws - ESI, EPF and Contract Labour Act, Employees' Compensation Act – RTI Act - Procedure in dealing the Court Cases & Pursuance Required	21-23 Sep 2022/ 3 Days
11	UNDERGROUND CABLES – DESIGN, SELECTION, LAYING, MONITORING & FAULT DETECTION	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.	26-28 Sep 2022/ 3 Days
12	OPERATION, MAINTENANCE & PROTECTION OF DISTRIBUTION SUB-STATIONS AND LINES	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., Distribution Automation & SCADA, Geographical Information System, Concept of Intelligent Substations	10-12 Oct 2022/ 3 Days
13	O & M OF EHV SUB-STATION & LINES AND QUALITY ASSURANCE	EHV Equipment Selection and Sizing, EHV Equipment Erection, Operation and Maintenance, Condition Monitoring of EHV equipment, Protection of Transformers and lines, Erection, Commissioning, Operation and Maintenance of Transmission Lines, Emergency Restoration System; Hot Line Maintenance and Safety Aspects	17-19 Oct 2022/ 3 Days
14	GAS INSULATED & INDOOR SUB-STATIONS	Salient features of Indoor Substations; Necessity of Gas Insulated Substation and advantages over conventional Substations; Operation & Maintenance aspects and Earthing arrangements of Indoor and Gas Insulated Sub-stations; Underground Power Cables—Laying, jointing, termination and fault location Techniques; Control Cables—Laying, termination and wiring practices	15-17 Nov 2022/ 3 Days
15	DESIGN, CONSTRUCTION & TESTING OF DISTRIBUTION SUB-STATION AND LINES	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	22-24 Nov 2022/ 3 Days

2. NATIONAL REGULAR PROGRAMMES - CLASSROOM

RECIPMT organizes every year Regular Training Programmes for national participants on state of art subjects of interest to power utilities. The Regular Programmes proposed through Classroom mode for the 2022-23 are as under:

Sl. No	Name of the Programmes	Contents	Dates/ No. of Days
1	CONCEPT TO COMMISSIONING OF SOLAR POWER PLANTS – ON GRID AND OFF GRID	Radiation analysis - Solar cells – Trends, types & selection, Solar photovoltaic power generation technologies, Standalone and Grid connected systems, DPR and Tender Document Preparation for Grid tied and Off-Grid system, Rooftop and MW size PV systems - Selection of Invertors and balance of system, Design of Solar PV System, Erection, Commissioning & Testing of Solar PV System - protective devices – tracking systems – reliability issues.	2-5 Aug 2022/ 4 Days
2	POWER TRANSFORMER – TESTING, COMMISSIONING, PROTECTION & MAINTENANCE	EHV sub-station layout and bus bar arrangements - Fundamentals of protection and Code of Practice – Design, Selection, Construction & Installation of Instrument Transformers, - Introduction to protection aspects of EHV sub-stations and different type of protections - Transmission line protections, Transformer and reactive protection – AC/DC logics - General principles of transmission lines, protection, primary and backup protection – Distance protection schemes for long and short lines, etc.	23-26 Aug 2022/ 4 Days
3	SMART METERS, AMI & TECHNOLOGIES	Concept of Smart cities and smart grids as per GOI initiatives – Infrastructure upgrade of Sub- transmission and distribution networks – Smart cities energy requirements coming from Solar, renewable energy utilization and Decentralized Distributed generation for smart cities – Smart metering, robust IT connectivity and Digitization – Energy efficient street lighting – Outage management system.	6-9 Sep 2022/ 4 Days
4	OPERATION, MAINTENANCE & PROTECTION OF DISTRIBUTION SUB-STATIONS AND LINES	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., Distribution Automation & SCADA, Geographical Information System, Concept of Intelligent Substations	19-22 Sep 2022 / 4 Days
5	DESIGN, CONSTRUCTION & QUALITY CONTROL OF EHV SUBSTATIONS & LINES	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	26-29 Sep 2022 / 4 Days
6	DESIGN, CONSTRUCTION & TESTING OF DISTRIBUTION SUB-STATION AND LINES	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	15-18 Nov 2022 / 4 Days
7	O & M OF EHV SUB-STATION & LINES AND QUALITY ASSURANCE	EHV Equipment Selection and Sizing, EHV Equipment Erection, Operation and Maintenance, Condition Monitoring of EHV equipment, Protection of Transformers and lines, Erection, Commissioning, Operation and Maintenance of Transmission Lines, Emergency Restoration System; Hot Line Maintenance and Safety Aspects	21-24 Nov 2022 / 4 Days
8	PROTECTION SYSTEM IN EHV SUB-STATIONS & LINES	Insulation resistance measurement, winding resistance measurement, magnetic current test, magnetic balance test, vector group confirmation short circuit test and differential stability, ref stability test, etc., Conditions leading to faults, protective relays, differential protection, overcurrent protection, ground fault protection, monitors for protection	6-9 Dec 2022 / 4 Days
9	DISTRIBUTION TRANSFORMERS - OPERATION & MAINTENANCE PRACTICES FOR FAILURE MINIMIZATION	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.	13-16 Dec 2022 / 4 Days
10	EARTHING PRACTICES AND SAFETY MEASURES IN ELECTRICAL INSTALLATIONS	Indian Electricity Rules & Safety Code of C.E.A, Importance of equipment Earthing, Types of Earthing, Design of Earth Mat, Earth resistivity, Soil Resistivity and measurement of Earth and soil Resistance, Methods to Improve Earth Resistance, maintenance free Earthing, and advance methods, Line Clearing Procedures for Safety and Accident Prevention; First Aid Practices for Electrical Shocks, Burns, Snake Bites and Falling from Heights; Artificial Respiration; Fire safety and prevention of fire and safety maintenance.	3-6 Jan 2023/ 4 Days

3. e-ITEC PROGRAMS SPONSORED BY MEA, GOI – ONLINE/WEBINAR

Sl. No.	Name of the Online/Webinar Courses	Duration (in weeks)	Period	
			From	To
1	CONCEPTS TO COMMISSIONING OF SOLAR POWER PLANTS	3	04-Jul-22	22-Jul-22
2	BEST PRACTICES IN POWER DISTRIBUTION SECTOR	3	04-Jul-22	22-Jul-22
3	EMERGING TRENDS IN RURAL ELECTRIFICATION	3	25-Jul-22	12-Aug 22
4	DESIGN, TESTING AND COMMISSIONING OF EHV SUBSTATIONS AND LINES	3	25-Jul-22	12-Aug 22
5	PLANNING, CONSTRUCTION AND MANAGEMENT OF POWER DISTRIBUTION SYSTEM	3	05-Sep-22	23-Sep-22
6	OPERATION, MAINTENANCE AND PROTECTION OF EHV SUBSTATIONS AND LINES	3	05-Sep-22	23-Sep-22

4. ITEC PROGRAMS SPONSORED BY MEA, GOI - CLASSROOM MODE

Sl. No.	Name of the Classroom Courses	Duration (in weeks)	Period	
			From	To
1	CONCEPTS TO COMMISSIONING OF SOLAR POWER PLANTS	4	21-Nov-22	16-Dec-22
2	BEST PRACTICES IN POWER DISTRIBUTION SECTOR	4	21-Nov-22	16-Dec-22
3	EMERGING TRENDS IN RURAL ELECTRIFICATION	4	09-Jan-23	03-Feb 23
4	DESIGN, TESTING AND COMMISSIONING OF EHV SUBSTATIONS AND LINES	4	09-Jan-23	03-Feb 23
5	PLANNING, CONSTRUCTION AND MANAGEMENT OF POWER DISTRIBUTION SYSTEM	4	13-Feb-23	10-Mar-23
6	OPERATION, MAINTENANCE AND PROTECTION OF EHV SUBSTATIONS AND LINES	4	13-Feb-23	10-Mar-23

5. IN HOUSE PROGRAMS SPONSORED BY REC LTD

S. No	Name of the Programme	Mode of training
1	RDS Scheme overview and Smart Metering Technologies & Applications	Classroom (3 days)
2	Sustainability of Power Sector - Electricity Act Amendments and its impact	Webinar (2 days)
3	Organizational Behavior Skills towards Managing Change in Power Sector	Classroom (3 days)
4	Techno-Commercial Improvement of Discom's Performance	Webinar (2 days)
5	Loan Documentation	Classroom (3 days)
6	GST	Webinar (2 days)
7	Purchase Procedures and e-procurement through GeM	Classroom (3 days)
8	ERP	Webinar (2 days)
9	Advanced MS Excel & PowerPoint	Classroom (3 days)
10	Project Appraisal	Webinar (2 days)

6. TRAINING PROGRAMS SPONSORED BY REC LTD. FOR POWER SECTOR EXECUTIVES

6.1 ELECTRICAL SAFTY PROGRAM FOR UTILITIES – CLASSROOM (For Middle Junior Executives)

S. No	Name of the Program	Brief Contents	No. of Days
1	ELECTRICAL SAFETY PRACTICES	Safe working practices in Power Sector, CEA Safety Regulations 2010 and its Amendments - Safety Code for erection, operation & maintenance of Electrical Installations - Causes and Prevention of Accidents - Safety Tools - Electrical Safety Practices, 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 Accidents - CPR - Artificial Respiration, etc. – Case Studies	3 Days

6.2 TECHNO COMMERCIAL IMPROVEMENTS OF DISCOM'S PERFORMANCE – (For Middle and Junior Executives) TWO Day online Webinar

S. No.	Name of the Programme	Brief Contents	No. of Days
1	TECHNO-COMMERCIAL IMPROVEMENT OF DISCOM'S PERFORMANCE	Aggregate Technical and Commercial (AT&C) Losses – Loss Reduction Techniques – Average Cost of Supply (ACS) vs Average Revenue Realization (ARR), Energy Accounting & Audit, Metering at all Levels – Smart Metering - Reliability of the System, Billing & Collection Efficiency, Analysis of Financial Statement for ARR filing, etc.	2 Days

6.3 BEST PRACTICES FOR POWER UTILITIES -One Day online Webinar (For Senior and Middle Executives)

S. No.	Name of the Programme	Brief Contents	No. of Days
1	BEST PRACTICES FOR POWER UTILITIES	Adoptin of Best practices from domestic and global experience towards efficiency & profitability and towards affordable, reliable and sustainable power supply, Future of Utilities with Reformative Measures	1 Day

LIFE AT RECIPMT

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.

Landscape



Roof-Top Solar PV System



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 Caroms are available. Jogging Track of 1 km length, Badminton court and mini Gym are also available.



Mini-Gym




Table Tennis

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.






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REC
राष्ट्रीय ग्रामीण विद्युत प्रसारण संस्थान
National Institute for Rural Electrification

REC INSTITUTE OF POWER MANAGEMENT & TRAINING
(formerly known as Central Institute for Rural Electrification)
INTERNATIONAL TRAINING PROGRAMME ON
CERTIFICATE COURSE IN POWER DISTRIBUTION MANAGEMENT
(SPONSORED BY MINISTRY OF EXTERNAL AFFAIRS (MEA), GoI
22-08-2022 TO 30-09-2022



ITEC



Shivarampally, NPA Post, Hyderabad - 500 052

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.



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.



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	Santosh Kumar Sahu, Director	30 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
3	G. Shankar, Additional Director	22 years of experience in Power Distribution Sector which includes ICT Applications, Customer Management & Distribution Franchising
4	Dr. R. Mohd. Nafi, General Manager	22 years of experience in Power Sector & Rural Electrification
5	Aparup Paul, Faculty (DGM)	19 years of experience in the area of Production, O & M of Thermal Power Plants and Energy Conservation.
6	Sudhir S Chopade, Faculty (DGM)	19 years of experience in teaching and power plant training, Special interest includes Condition monitoring of HV equipment.
7	G S Bhati, Executive Director	DDUGJY, Rural Electrification, Quality Assurance, Distribution Management
8	VK Singh, Executive Director	Generation Projects – Financing and Appraisal
9	Fuzail Ahmed, Executive Director	Project Monitoring and Power Plant Familiarization; O&M of Transmission System; Construction and Quality Control Mechanism
10	RP Vaishnav, Executive Director	Internal Auditing; Financing of Power Projects, Risk Management
11	JS Amitabh, Executive Director	Companies Act, 2013; CSR, Corporate Governance
12	Salil Kumar, Ch. General Manager	Vigilance for Organizational Excellence; Public/e-procurement; Preventive Vigilance
13	Taruna Gupta, Ch. General Manager	Investments, Merchant Banking, Resource Mobilization, Internal Audit, International Cooperation & Development, CSR
14	N. Venkatesan, Ch. General Manager	23 years of experience in Project Formulation, Appraisal & Monitoring of Power Projects
15	N.K. Maurya, Ch. General Manager	Financial Accounting, Auditing, Cost Accounting, Cost Auditing, Internal Audit, CERC-Tariff Fixation related topics
16	P.S. Hariharan, Ch. General Manager	Project Investigation and Appraisal - Project Financing - Generation projects
17	Saurabh Rastogi, Ch. General Manager	Financing of Renewable Energy Projects (Wind Solar/Biomass/Small Hydro)
18	S. Muralidharan, Ch. General Manager	Corporate Taxation, Asset Liability Management & Loan Recovery
19	R Anbalagan, Ch. General Manager	Entity Appraisal System for State and Private Sector Power Utilities - Critical Evaluation of Borrowers/Promoters
20	APS Manocha, Ch. General Manager	Project Financing, Loan Documentation and Litigations
21	D.B. Londhe, Sr General Manager	Hydroelectric Power Generation includes survey, investigation, construction, testing, commissioning, operation & maintenance
22	A. Veluchamy, Sr. General Manager	Project Financing, Project Appraisals, AT&C Loss Reduction, Infrastructure Project Management & Fixation of Tariff
23	Ch V Lakshmana Charyulu, General Manager	19 years of experience in project financing, appraisal, monitoring and financial analysis
24	Ramesh Kumar Betha Dy. Manager	Transformers, Switchyard, HT/LT Switchgear & Appraisal of T&D Schemes

FACULTY MEMBERS – EXTERNAL

In addition to in house faculties, RECIPMT has empaneled subject experts from different areas of power sector all over India. The list below is indicative and is not extensive.

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
M Gopala Rao	Power Transformer Operation and its Specification – Shunt Reactors
A Saiprasad Sarma	Availability based Tariff, Bus-bar arrangements and Reactive Power Compensation
S Ganesh Babu	Sub-Station Operation & Maintenance & Distribution Automation
G Mahesh Kumar	Power Transformers, Technical Loss Reduction & Power Factor Improvement
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
Y Pandhari Pande	Power Transformer Protection and Motor & Generator Protection
P Suryaprakash	Transmission Tower Design and Testing
P Srinivasa Rao	EHV Underground cables
Dr. G Mohan Rao	Gas Insulated Sub-stations
N Vijay Kumar	EHT Lines - Survey, Erection, Testing and Commissioning
K Murali Krishna	Transmission Lines & Sub-Stations
V Balaji	Billing and Settlement Code of Open Access & ABT – Payment Mechanism
B Neelakantam	Transformer & Bus-Bar Protection & Fault Level Calculation
Ch Narasimha Murthy	Technical Specification, Construction Standards and Load Forecasting
V Sudhakar	Load Forecast Techniques & Distribution System Planning
L RadhaKrishna	Energy Accounting & Audit and GIS and GPS Application in Distribution
P Narender Kumar	SCADA, Protection Aspects, Technical Loss Reduction, Sub-station Equipment
E M Chakravarthy	Metering Technologies, Protection in Distribution & SCADA
S Sunil Kumar	AT&C Losses, Metering Technologies, Billing and Collection
S Subramanian	Safety Aspects in Distribution & Transmission & Technical Loss Reduction
Atanu Das Gupta	SCADA, Automation & Smart Grid
B Muralidhar Rao	CEA Regulations on Safety, Safety Code & Audit
Phanindra Kumar	GIS & GPS Applications in Distribution
ESS Sastry	Inverter Principles, Selection criterion for Grid Connected and off grid applications
N Ramchander	Solar Power Invertors & PV Systems
Guruswami Revana	Bio-Mass, Geo-Thermal, Tidal & Wind Power Generation
DK Astik	Ind AS Accounting Standards and IFRS
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
N Chandu Kumar	Budgeting, Strategic Financial Management and Financial Appraisal
KS Srinivas	EPF, ESI, Employee Compensation and Contract Labour Act
AS Kumar	Customer Relation Management & Communication & Presentation Skill
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
D Murlidhar	Communication Skills, Leadership, Behavioral skills

HOW TO REGISTER

1. **Considering Post Covid Scenario**, the course fee for National Regular programme on **residential basis is Rs. 6500/day/ participant + 18% GST**. The course fee for **Non- Residential participant is Rs. 5500/day/ participant + 18% GST**. The course fee for Webinars is **Rs. 2000/- per day/ participant + 18% GST**.
2. The Programmes are mainly residential and conducted at RECIPMT Campus, Shivarampally, Hyderabad. However, Considering COVID-19 Scenario, we have announced 2 days online WEBINARS.
3. Residential Fees includes boarding and lodging in addition to tuition fees, courseware & other facilities, field visit, etc. whereas Non-Residential fee excludes Boarding and Lodging.
4. The participants have to make their own transport arrangements to reach RECIPMT Campus.
5. **Bulk orders and customised requirements from utilities are welcome in advance. We will be happy to discuss requirements and offer special discounts for such requirements on annual basis to utilities through special MOU mechanism on receiving request from utilities.**
6. The Course fee may be paid in advance by banker's cheque or demand draft drawn in favour 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 nominating officers may 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. The nominations may also be sent by E-mail: recipmt@gmail.com/recipmt@recl.in/recipmtrg@recl.in.

FOR FURTHER INFORMATION

PLEASE CONTACT

SANTOSH KUMAR SAHU

DIRECTOR



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(पूर्व केंद्रीय संस्था के लिये ग्रामीण विद्युतीकरण)

R E C INSTITUTE OF POWER MANAGEMENT AND TRAINING

(Formerly Central Institute for Rural Electrification)

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