CALENDAR OF TRAINING PROGRAMMES

2020 - 2021





REC INSTITUTE OF POWER MANAGEMENT & TRAINING of

REC Limited

(Formerly known as Rural Electrification Corporation Limited) (A Government of India Enterprise)

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SNAPSHOT OF NATIONAL REGULAR PROGRAMMES

A. On Line Webinars for Power Sector Executives

S.No	NAME OF THE PROGRAMME	NO OF DAYS	DATES
1	SOLAR POWER GENERATION – GRID ENABLING	2 days	27-28 July 2020
	AND BALANCING		
2	DISASTER MANAGEMENT – SAFETY ASPECTS	2 days	27 – 28 Aug 2020
3	DISTRIBUTION TRANSFORMERS - OPERATION &		
	MAINTENANCE AND FAILURE MINIMIZATION	2 days	06 – 07 Nov 2020
4	SMART METERING – TECHNOLOGIES AND		
	APPLICATIONS	2 days	26 – 27 Nov 2020
5	OPERATION, MAINTENANCE & PROTECTION ASPECTS OF DISTRIBUTION SUB-STATIONS AND LINES	2 days	04– 05 Dec 2020
6	TARIFF POLICY AND SUBMISSION OF ARRs & REGULATORY COMPLIANCES	2 days	18 -19 Dec 2020
7	LABOUR LAWS - PROCEDURES IN DEALING WITH COURT CASES	2 days	29 – 30 Dec 2020

B. Class Room Training Programmes for National Power Sector Executives

S NO	NAME OF THE PROGRAMME	NO OF DAYS	DATES
1	DESIGN, CONSTRUCTION & QUALITY CONTROL OF		
	EHV SUBSTATIONS	5 days	07 – 11 Dec 2020
2	POWER PURCHASE AGREEMENT AND TARIFF		
	RELATED ISSUES	4 days	19 – 22 Jan 2021
3	MATERIAL MANAGEMENT, PROCUREMENT		
	PROCEDURES & e-PROCUREMENT	4 days	03 – 06 Feb 2021
4	DISTRIBUTION LOSSES MINIMISATION AND SMART		
	METERING AND ADVANCE PRACTICES	4 days	09 – 12 Feb 2021
5	POWER FACTOR IMPROVEMENT AND		
	REACTIVE POWER MANAGEMENT	4 days	23 – 26 Feb 2021
6	POWER TRANSFORMER – TESTING,		
	COMMISSIONING, PROTECTION & MAINTENANCE	4 days	02 – 05 Mar 2021
7	DESIGN, TECHNICAL SPECIFICATIONS,		
	CONSTRUCTION, TESTING & COMMISSIONING OF	5 days	08 – 12 Feb 2021
	DISTRIBUTION SUB-STATION AND LINES	-	
8	PROTECTION SYSTEM IN EHV SUB-STATIONS &	4 days	23 – 26 Mar 2021
	LINES		

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About REC

REC a government of India central public sector organisation was established in 1969 to take ahead the cherished dream of government to establish a strong foundation of robust power sector to strengthen the emerging economy. 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 and Distribution.

As a Navaratna company under the administrative control of the ministry of Power, we have been rated 'Excellent' in terms of the MoUs signed with the Government for 24 consecutive years. 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 rating from CRISIL, ICR, 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 over Rs 34000 Crore.

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 25 offices which ensures easy accessibility. Having bolstered our share in the countyr's total power capacity, we are poised to help build a sound infrastructure to provide affordable, accessible and sustainable power.





VISION

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

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.

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MESSAGE FROM CHAIRMAN AND MANAGING DIRECTOR

Achieving the objective of providing 24x7 "Power for All" by 2022 and to raise the country's per capita consumption from 1181 kwh to the level of world average at 2430 kwh, India needs huge investments in the backbone power sector. Sustainable and environmental friendly generation mix and improving the sector efficiency is the need of an hour. This is in line with the commitment given voluntarily by India to the international community to reduce the emissions to the level prevailing in 2003 and reduce it further by 5% by 2030.



To mitigate these challenges, the Government of India has taken up several

initiatives including diversification of fuel resources for power generation, like contemplating 40% of power generation through renewable energy sources by 2025, improving the efficiencies and operational standards of entire gamut of power sector to be on par with developed countries. Special initiatives for reduction of AT & C losses including pilferage and supplying quality power by improved metering infrastructure with central funding. Further, Ujwal Discom Assurance Yojana (UDAY) has been introduced in order to reduce the debt burden of Discoms and thereby improving their financial health facilitating better investments in the power sector linked with achieving certain system standards. The ongoing reforms in the area of tariff, amendments in electricity act, development of real-time market are aiming to strengthen the DISCOMs, the weakest link in the power chain Smart grid concept is being promoted to squarely meet the growing urbanization and changed aspirations of public seeking cleaner power.

To achieve the above aspirations, the power sector needs to be toned up in all its areas with special focus on nurturing and developing human resource competencies to match the emerging needs. Human Resource with right attitudes and aplomb is an important asset of power sector to adopt new technologies, without which the goals set will remain an unfulfilled.

With its four decades of experience, RECIPMT has been always in the forefront in organizing training programmes to enhance the knowledge and update the skills of the manpower. It has always lived up to the aspirations of power utilities by making training truly rewarding, leading to enhanced productivity. This Year, in COVID Scenario, every organization is struggling with unique challenges of working and learning with social distancing. Though e-learning cannot fully replace legacy of classroom learning, RECIPMT has also introduced this year a blend of class room and internet based learning programme to the values customers so that in spite of challenges learning will continue. Hope RECIPMT will uphold its tradition in the year 20-21 also.

Shri Sanjeev Kumar Gupta Chairman & Managing Director, REC Ltd.

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FROM THE DESK OF DIRECTOR

Power is the harbinger of progress and capable of changing the fortunes of any country. Realizing the same, Electricity Act 2003, an instrument of reforms in the power sector, laid path of progress for providing power supply of quality, Continuity and Reliability. Meeting the demand in full at affordable price for 24*7 supply to nation is in the way. The off shoots of Electricity Act 2003, the National Electricity Policy have made adequate provisions to realize the objective in steps in a comparatively short period, availing private participation and funding. In this process, several policies and practices followed till then were revised drastically, for effective and faster realization of the objective.



Government of India has brought in several schemes like RGGVY, RAPDRP, IPDS, DDUGJY, SAUBHAGYA, etc., for electrification of 100% villages including rural houses, strengthening the rural and urban area networks and loss reduction and UDAY scheme towards relieving DISCOMs of their loan burden with interest there on so that utilities can make higher investments in system strengthening and partly funded them, making it easier for utilities to implement them without any hassles. This helped in achieving 100% village electrification and household electrification. But the sector has miles to go towards "sustainable 24X7 energy for all" from "connection for all" The sector is focusing on unfulfilled targets like T&D loss reduction to 15.5% from the present 21.5%, besides raising the system standards to the level of advanced countries, enhancing system efficiencies and meeting the changing consumer aspirations, adopting global technologies and appliances. Normal generation plans with commensurate budget and special plans to ensure 40% of power generation through green energy are devised to reduce pollution and rate of fossil fuel consumption in the country.

Inter-connecting transmission schemes are planned for early completion at competitive prices. Policies are announced and funding is provided for encouraging DSM and energy conservation measures to reduce demand considerably. Though these initiatives will help in meeting the likely power demand, long-term supply-side measures such as advanced technologies in renewable power integration and enhancing generation efficiencies of all modes will be important consideration. Since most of these problems are technical oriented and lasting since many years, resolving them is of a very tall order requiring comprehensive state of the art technologies to be adopted for economical and faster solution, with a special emphasis on skill development of the operating personnel, through subject specific training programmes, motivation and positive attitudes.

RECIPMT has etched for itself a niche being in forefront in fulfilling the skill development needs of the power sector with remarkable module selectivity based on the needs of the times and their periodical up-gradation all of which have been well received by the utilities time and again. We are very happy to bring out its annual training calendar for the financial year 2020-21 in its endeavor to remain at the top among similar organizations. Hope RECIPMT will enhance its patronage.

Santosh Kumar Sahu Director RECIPMT

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ABOUT THE INSTITUTE

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, Accredited 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.

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 2020, RECIPMT organised training for **2,49,107** 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.

RECIPMT is also organising training programmes for the Executives of International P o w e r Sector Organisations. So far, trained **1683** executives from **98** countries by organising **102** batches of training to International Power Sector Executives. The duration of trainings varies from 4-12 weeks.

Upto March 2020, the Institute has organized **2358** training programmes and **51,000** 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.



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PROGRAMME CATEGORIES

<u>2020-2021</u>

- **1. NATIONAL REGULAR PROGRAMMES**
- 2. INTERNATIONAL PROGRAMMES
- 3. SPECIALIZED PROGRAMMES
- 4. CUSTOMIZED/MOU PROGRAMMES
- 5. IN-HOUSE PROGRAMMES FOR REC EMPLOYEES
- 6. REC SPONSORED TRAINING PROGRAMMES FOR POWER UTILITIES

MOP SPONSORED PROGRAMMES FOR

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RAINING

1. NATIONAL REGULAR PROGRAMMES

National Regular Training Programmes are organized by RECIPMT for executives working in national power sector utilities on state of art topics and also area of interest of power utilities. These Training programmes 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. This Year Considering the COVID-19 pandemic scenario, in addition to on campus classroom training Programmes, RECIPMT has introduced some online Webinars.

The Programmes are as under:

Sl. No No. of Name of the Programmes Dates Days SOLAR POWER GENERATION - GRID ENABLING 2 days 27-28 July 2020 AND BALANCING 1 Solar Power Generation – Technologies, Trends and types, Standalone and Grid connected systems, Rooftop PV and MW size PV systems, Concept of Erection, Testing and Commissioning - Selection of proper technologies, Operation and maintenance aspects of solar Pv systems, issues in grid enabling and grid balancing, performance of solar PV systems **DISASTER MANAGEMENT – SAFETY ASPECTS** 2 days 27 – 28 Aug 2020 2 Disasters – Types, Disaster management Plan, Organizational best practices, Restoration systems, Procedures for Safety and development of manuals, EA and guidelines, Accident Prevention methods; Safe practices, Safety Audits, First Aid Practices. **DISTRIBUTION TRANSFORMERS - OPERATION &** 06 – 07 Nov 2020 2 days MAINTENANCE AND FAILURE MINIMIZATION 3 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. SMART METERING - TECHNOLOGIES AND 26 - 27 Nov 2020 2 days **APPLICATIONS** 4 Smart metering practices in power distribution utilities, Regulations & Standards, Installation methods, Reduction of losses, Energy Management, need and benefits, renewable era and need of smart meters

A. On Line Webinars for Power Sector Executives

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	OPERATION, MAINTENANCE & PROTECTION ASPECTS OF DISTRIBUTION SUB-STATIONS AND LINES	2 days	04– 05 Dec 2020
5	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		
	TARIFF POLICY AND SUBMISSION OF ARRs & REGULATORY COMPLIANCES2 days		18 -19 Dec 2020
6	Provisions on Tariff in EA 2003 and Tariff policy and Structures, Submission of ARRs by Power Companies; Tariff proposals in PPAs, fixation of tariff for Generation, Transmission and Distribution (retail tariff); Role of Regulators		
	LABOUR LAWS - PROCEDURES IN DEALING WITH COURT CASES	2 days	29 – 30 Dec 2020
7	Basic Concepts & Sources of Law - Procedural and Substantial Law; Jurisdiction of Courts; Hierarchy of Courts; Legal Terminology, etc Alternate Dispute Mechanism - Lok Adalats - Types of Writs - Labour Laws - ESI, EPF and Contract Labour Act, Employees' Compensation Act - Procedure to be Followed in Respect of Court Cases & Pursuance Required.		

B. Class Room Training Programmes for National Power Sector Executives

S. No	Name of the Programme	No. of Days	Dates		
1	DESIGN, CONSTRUCTION & QUALITY CONTROL OF EHV SUBSTATIONS	5 days	07– 11 Dec 2020		
Erection including	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	POWER PURCHASE AGREEMENT AND TARIFF RELATED ISSUES	4 days	19 – 22 Jan 2021		
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.					

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3	MATERIAL MANAGEMENT, PROCUREMENT PROCEDURES & e-PROCUREMENT	4 days	03 – 06 Feb 2021	
ESI, Ve develop Manufa	ls Management an Overview – Tool kit: JIT, Lean Inventory mondor managed inventory, CPFR value analysis – Purchasing system ment – Forecasting, strategic sourcing, Logistics, Inventory Manage cturing/Enterprise – Logistics:3PL, 4PL - Contract Managemen ng Risk – Spare Parts management – e-procurement – GeM	– Vendor [°] ra ment, Stores I	ting and vendor	
4	DISTRIBUTION LOSSES MINIMISATION AND SMART METERING AND ADVANCE PRACTICES	4 days	09 – 12 Feb 2021	
Distribution Losses, Methods of Detection of Pilferage and malpractices of Energy, Analysis of commercial and technical losses, Effective measures for arresting pilferage of electricity, Administrative, legal and technical measures for minimization of theft of electricity, Assessment and Penal Provisions - Electricity Act 2003, Vigilance operations & Case studies.				
5	POWER FACTOR IMPROVEMENT AND REACTIVE POWER MANAGEMENT	4 days	23 – 26 Feb 2021	
of Shun Neutral	Exercise Effect of Reactive Power - Correction Methodology, Salient feature t Capacitor and Series Capacitors - 11 KV and LT Switched Capaci Grounding - Erection, commissioning O&M, Protection of Reactors Testing of Capacitors – FACT and Static Var Compensation.	tors - Capacit	ors Bank Formation,	
6	POWER TRANSFORMER – TESTING, COMMISSIONING, PROTECTION & MAINTENANCE	4 days	02 – 05 Mar 2021	
test, veo leading	on resistance measurement, winding resistance measurement, magn ctor group confirmation short circuit test and differential stability, 1 to faults, protective relays, differential protection, overcurrent prote s for protection.	ef stability te	est, etc., Conditions	
7	DESIGN, TECHNICAL SPECIFICATIONS, CONSTRUCTION, TESTING & COMMISSIONING OF DISTRIBUTION SUB-STATION AND LINES	4 days	16 – 19 Mar 2021	
-	Technical specifications, Construction, Testing & Commissioning of g practices in a substation - Protection in a Sub-station – Battery and			
8	PROTECTION SYSTEM IN EHV SUB-STATIONS & LINES	4 days	23 – 26 Mar 2021	
 Desig of EHV protection 	ab-station layout and bus bar arrangements - Fundamentals of protein, Selection, Construction & Installation of Instrument Transformers sub-stations and different type of protections - Transmission line p on $-$ AC/DC logics - General principles of transmission lines, protect nce protection schemes for long and short c.	s, - Introductions, Tr	on to protection aspects ansformer and reactive	

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2. INTERNATIONAL TRAINING PROGRAMMES (SPONSORED BY MINISTRY OF EXTERNAL AFFAIRS, GOI UNDER ITEC/SCAAP)

RECIPMT organizes International Training Programmes for executives working in international power sector utilities on state of art topics related to power utilities. These Training programmes are sponsored by Ministry of External Affairs (MEA) under International Technical and Economic Cooperation (ITEC) on technical topics covering all the areas of power sector such as, Power Generation, Transmission, Distribution, Renewable sources, Finance, Management, HR and other important topics related to power sector.

Due to COVID-19 Scenario all over the globe, RECIPMT has also submitted online based Training Programmes for the year 2020-21 and under approval of MEA. The training programmes under online and classroom based are as follows:

Sl. No.	Name of the Course	Duration	Period	
		(in weeks)	From	То
1	Concepts to Commissioning of Solar Power Plants	6	07 Sept 2020	16 Oct 2020
2	Certificate Course in Electrical Power Management	6	28 Sept 2020	07 Nov 2020
3	Certificate Course in Electrical Power Management (Repeat)	6	07 Dec 2020	16 Jan 2021

A. Online webinars



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<u>B. Class room Training Programmes</u> (Pre-COVID proposal Submitted to ITEC, MEA in January 2020)

SI.	Norma af the Commu	Duration	Pe	riod
No.	Name of the Course	(in weeks)	From	То
1	Technical and Commercial Aspects of Hydro Power Plants (Including mini and micro Hydel Plants)	4	15 Jun 2020	10 Jul 2020
2	Design, Erection, Commissioning, O&M and protection of Distribution Sub-stations and lines	4	15 Jun 2020	10 Jul 2020
3	Planning and Management of Power Transmission System including HVDC	6	20 Jul 2020	28 Aug 2020
4	Planning and Management of Thermal Power Projects (Including sub critical and super critical plants)	6	20 Jul 2020	28 Aug 2020
5	Certificate Course in Power Distribution Management	6	07 Sep 2020	16 Oct 2020
6	Testing, Operation, Maintenance and Protection of EHV Substations	6	07 Sep 2020	16 Oct 2020
7	Concepts to Commissioning of Solar Power Plants	6	02 Nov 2020	11 Dec 2020
8	Rural Electrification & Rural Power Management	6	02 Nov 2020	11 Dec 2020
9	Alternate Energy Sources for Sustainable Power sector	6	04 Jan 2021	12 Feb 2021
10	Management of power utilities using information technology & computer based solutions	6	04 Jan 2021	12 Feb 2021
11	Financial Management, ARR filing and regulatory Practices for Power Utilities	4	22 Feb 2021	19 Mar 2021
12	Fixation of Tariff for Power Sector	4	22 Feb 2021	19 Mar 2021

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3. SPECIALIZED PROGRAMMES

RECIPMT also Proposes to organize training programmes on the specific requirement of the power utilities on following area with special emphasis for senior executives from power sector organizations to address recent issues and challenges associated with power sector.

S. No	Name of the Programme	Brief Contents	Dates/ No. of Days
1	Project Management of Power Distribution System	 Project Formulation – Life Cycle, PERT/CPM, Budgeting Risk Analysis - Preparation of DPR - Technical and Financial Appraisal methods - Power distributionConstruction Standards, Specifications and Best practices - Procurement Methods including e-tendering, and Reverse Auction, Contract/bid closure; Project implementation – Approaches, Sourcing of funds TQM - Drafting quality plan, Management and Documentation - Monitoring Methodologies and Project Evaluation techniques, Corrective actions - Field visit. 	4 days
2	CERC Tariff Regulations Vs Financial Viability – Issues & Challenges	Provisions of Electricity Act,2003 on tariff fixation & basic tariff design - Tariff Policy and Amendments - Approach to tariff fixation - CERC Tariff regulations and Amendments, Draft CERC Tariff Regulation 19-24, objections and comments-Deviations from CERC tariff Regulations 14-19, Reasons, short comings and Impact, CERC tariff regulations for RE Plants - Competitive Bidding, Guidelines And Case Studies - SERC regulations and guidelines for ARR submission, costing and pricing approach for tariff fixation - Case studies of tariff fixation for Transmission under CERC regulation 2019-24 - Tariff fixation for a Generation Plant under PPA route.	4 days
3	Solar & Wind Power and Integration with Grid – Issues & Challenges	Solar & Wind Power Projects - CEA Technical Standards for Connectivity to the Grid - Technical & Economic impact of Renewable Integration - IEGC (Grid code) & DSM - Power System Flexibility - Grid parity & Green the Grid Challenges - Technical Standards for Connectivity to the Grid	4 days
4	Turnaround of DISCOMs – Issues and Challenges	AT & C Losses, Effective Revenue management - Energy Audit, Annual Revenue Requirement (ARR) & Tariff issues - Reducing Power Procurement cost through Strategic Procurement - Financial Restructuring - Managing Non-Open access consumer, Creating Vibrant Workplace, etc.	4 days
5	Ind AS (IFRS) Adoption in Power Sector	Benefits of Ind AS Adoption – Framework based understanding of Ind AS - Conceptual difference between Ind AS and existing accounting standards – Implementation issues in Indian Power Sector – Component accounting – Regulatory assets and liabilities – Financial instrument – First time adoption – a roadmap for successful adoption – Key learning from IFRS implementation in other countries – Project team structure, responsibilities and time life.	4 days

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4. CUSTOMIZED/MOU PROGRAMMES

RECIPMT conducts Customized Training Programmes on the subjects, based on the interest of the power utilities. RECIPMT also designs programmes on the specific requirement of the power utilities by entering into MoUs and conducts the same either at RECIPMT premises or at the premises of the utilities. **Further, RECIPMT also conducts Induction Training Programmes for newly recruited employees as part of MoU signing**. In past RECIPMT has organized Induction Training programs for Many state utilities. Duration and topics mentioned below are indicative (Organised earlier) however they may be merges or modified as per requirement of client organization.

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

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		4 1
4	Implementation of Goods and Services Tax (GST)	4 days
5	Open Access, Power Trading & ABT	4 days
6	Tariff Policy and Submission of ARR - Regulatory Compliance	4 days
7	Power Trading & Energy Exchange	4 days
8	Companies Act 2013 and Corporate Governance	4 days
9	General Management & Leadership Skills	4 days
10	Power Purchase Agreement	4 days
11	Personality Development, Communication & Negotiation Skill	3 days
12	Motivation, Team Work & Stress Management	3 days





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5. IN-HOUSE TRAINING PROGRAMMES FOR REC EMPLOYEES

RECIPMT proposes to organise following training programmes for Executives of REC Ltd. However, **RECIPMT may organise these training programme for other power sector organisations as per requirement.**

Out of following five training programmes as per requirement three webinars and two class room training programmes are proposed to be organized on following topics.

S. No	Name of the Programme	Brief Contents	No. of Days	Dates
1	WEBINAR : Purchase Procedures and e- procurement through GEM	Purchasing system– 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	4	13 – 16 Oct 2020
2	Managing Change in Power Sector	Managing Change in Power Sector – Issues & Challenges, New Initiatives of Government of India - DDUGJY, Saubhagya, 24x7 Electricity, etc. - TransformationalLeadership -Building Effective Teams - Managerial Communication Building Effective Interpersonal Relations- How to manage Conflicts - Approaches to Conflict Resolution	3	27 – 29 Oct 2020
3	WEBINAR: Concept to Commissioning of Solar Power Plant including O&M	Renewable Policies & Solar Missions, Opportunities and challenges, RECs, Renewable grid parity and integration Basics of Solar PV Technology (different configuration like Grid connected Rooftop) Module, Inverter & Structure standards & Selection Design with PV syst, Testing & Commissioning Quality control, O&M	3	09 – 11 Nov 2020
4	Loan Documentation	Sanction Letter; Loan documentation – Alternate securities, Loan agreement/ Bulk hypothecation deed/TripartiteEscrow Agreement/BulkGuarantee deed/ Board resolutions and checklist for documentation; Procedure for hypothecation of assets – Types of mortgage, Procedure for valuation of assets; Due diligence verification of Escrow cover; Filing of charge/creation of charges with ROC, etc.	3	21 – 23 Dec 2020
5	Leadership and Communication Skills	Role of Leader, Understanding of Team, Leadership styles and methods, Effective Leader and their attributes; Performance Management, Setting Objectives; Relationship Management; Self-Appraisal; Creating enthusiasm and motivation – Presentation Skills – Role Play – Group discussions, etc.	3	03 – 05 Mar 2021

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6. Programmes Sponsored by REC Ltd. for Power Utilities

Every year, RECIPMT organizes training programmes sponsored by REC Ltd on different aspects related to power sector, Last year, we have organized 50 training programmes on "BEHAVIOURAL SKILLS" for executives of power sector utilities which were fully sponsored by REC Ltd. The programmes are aimed towards capacity building of executives of power sector. This year following two training programmes are proposed to be organized at utility or at RECIPMT premises which will be sponsorship of REC Ltd.

6.1 SUSTAINABILITY OF POWER UTILITIES (for Senior and Middle Executives)

S. No			No. of Days
No Programme 1 Sustainability of Power Utilities		Sustainability of Power Sector- Over view of Power Sector, Latest Policies, New initiatives, Funding Mechanisms; Electricity Act Amendments (Draft EA amendment of 2018, proposed amendment in 2020), Tariff Reform, , smart metering, impact of e- vehicles and mobility, Real time Market and Renewable Integration impact of these policies on business of power utilities and way forward for sustainable power sector in the time to come	1

6.2. ELECTRICAL SAFETY PRACTICES (For middle and junior Executives)

Safety is of prime important for any sector and many power utilities are struggling to adopt best safety practices at work places in Indian Scenario. RECIPMT proposes to organize training programmes on "**ELECTRICAL SAFETY PRACTICES**" for technical and non-technical executives of Indian power sector utilities. These training programmes are proposed to be sponsored by REC Ltd. and organized at utility premises or Institute premises (RECIPMT, Hyderabad) under mutual requirement basis on MOU basis. Preference will be given to leading clients of REC Ltd for allocation of training programmes.

S.	Name of the	Brief Contents	No. of
No	Programme		Days
1	ELECTRICAL SAFETY PRACTICES	Safe working practices in power sector, CEA safety Regulations 2010, IE Rules, safety code for erection, operation & maintenance, Causes for Accidents and Prevention of Accident - Safety Tools - Precautions and practices for electrical safety, availing line clearances and permits - Importance of Earthing - Step Potential, Ground Potential raise, Touch Potential, Transfer Potential – safeguards - 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	3

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7. NATIONAL TRAINING PROGRAMMES FOR C&D CATEGORIES OF EMPLOYEES (SPONSORED BY MINISTRY OF POWER, GOI UNDER DDUGJY)

RECIPMT proposes to organise following module of training programme for C&D workers of power distribution utilities under **RECIPMT banner or utility banner**. These training programmes are sponsored by Ministry of Power (MoP) and allocated to different utilities based on ministry guidelines and utility requirements.

S. No.	Name of the Programme	Programme Brief Contents	
Lineman 1 Training Programme		Basics of Electricity; Electricity Act 2003; Functions of Distribution Company – Duties & Responsibilities of Linemen; Service Connection, DDUGJY, IPDS; Types of Cables, Transformer Erection, Commissioning & Maintenance, Construction of Line; Line Inspection & Maintenance; Earthing; Metering, Billing & Collection, Power Factor Improvement, Field Visit to 33/11 KV Substation and Metering & Transformer Shed, Theft of Electricity & Vigilance, Safety; Customer Relation Management	4 days
2	Energy Metering and Billing (Variant-2)	Power Sector Scenario in India; Electricity Act 2003, Basics of Electricity and AT&C Losses - Meters and their uses, Energy Metering, Billing & Collection, Consumer Indexing - Tariff Structure, Prevention of Theft of Energy Conservation of Energy - Customer Relation Management - Field visit to Meter Testing Laboratory.	2 days
3	Energy Metering and Billing (Variant-3)	Power Sector Scenario in India; Electricity Act 2003, Basics of Electricity and AT&C Losses - Meters and their uses, Energy Metering, Advanced Metering – Time – of – Day Metering, Meter Reading Instruments, Tele – Metering, Prepayment Meters, Spot Billing CEA Metering Code, Energy Accounting and Auditing; Billing & Collection, Consumer Indexing - Tariff Structure, Prevention of Theft of Energy Conservation of Energy-Field visit to Meter Testing Laboratory.	3 days
4	Financial Management Stores Accounting & Office Administration	Functions of Electricity Distribution Company - Electricity Act 2003, DDUGJY, IPDS, Procurement contracts & CVC Guidelines, Systems & Procedures for Works Execution, RTI Act, Motivation & Interpersonal Relations, Consumer Service and Care; Consumer Indexing, Energy Accounting and Auditing, Tariffs & Revenue Management, Stores Management, Financial accounting & budgetary control, Service Regulations – Staff welfare activities, Establishment & Staff Payment, etc.	3 days
5	Safety, Accident Prevention and Disaster Management	Basics of Electricity, Electricity parameters, provisions related to safety and Safety Measures, Accidents - Causes and Prevention of Accidents, – Demonstration of usage of safety equipment, Earthing Practices in Electrical Installations, Fire prevention & Firefighting equipment, First Aid Practices, Disaster Management - Field visit to 33/11 KV substation.	2 days
6	IT Skills	Introduction to Office Automation, Computer Operating system, Trouble Shooting of Systems, Ms-Word, Hand on experience on MS-Word, Ms-Excel, Hand on experience on MS-Excel, Internet & Email - Internet safety.	3 days
7 Operation & Maintenance of Distribution Transformers, Prevention of Failures & Repairs		Basics of Electricity, Transformers–Operating principles, various parts and their functions, Features & Types of Distribution transformers – Transformer Oil Characteristics: Filtration and reclamation techniques, Erection, testing and commissioning of distribution transformers, Earthing of distribution transformers, Distribution transformers specifications; protective devices and maintenance, Failure of Distribution transformers – causes and remedial measures; Field visits.	3 days

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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 - Hostel

Conference Hall



Landscape-on way to Hostel

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DEMONSTRATION FACILITIES & RECREATION

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.





Distribution systems Laboratory

Roof-Top Solar PV System



Demo HVDS System

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

Tennis

Caroms

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CLASS ROOMS

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.

Class Rooms



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

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HOSTEL

RECIPMT has got 36 air-conditioned rooms, 2 VIP Suits 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.



Dining Hall

Hostel Room



Hostel Building

	FACULTY MEMBERS – INTERNAL			
S. No.	Name with Designation	Qualification	Specialization	
1	Santosh Kumar Sahu, Director RECIPMT	M.Com., FICWA	30 Years of experience across Power Generation, Transmission & Distribution sector, financing and Disaster Management Ex-CEO, Facor Power and Ex-Director (Fin) in OHPC & GEDCO	
2	G. Shankar, Additional Director (Sr.GM)	M.Sc. (Statistics), M. Tech	22 years of teaching experience in Power Distribution Sector which includes ICT Applications, Customer Management & Power Distribution Franchising	
3	Dr. R. Mohd. Nafi, GM	M.A. (Eco.), M. Phil., Ph. D	20 years of experience in Power Sector Reforms & Rural Electrification Programmes	
4	Aparup Paul, Faculty (DGM)	B.E. (Mech.), M.B.A.	19 years of experience in the area of Production, O & M of Thermal Power Plants and Energy Conservation.	
5	Sudhir S Chopade, Faculty (DGM)	B.E. (Elec.), M. Tech.	19 years of experience in teaching and power plant training, Special interest includes Condition monitoring of HV equipment.	
6	Ramesh Betha Dy.Manager	B.Tech.(Elect)	DDUGJY, Rural Electrification, Quality Assurance, Distribution Management	
7	TSC Bosh Executive Director	B.E. (Elec.) & (Electronics)	DDUGJY, Rural Electrification, Quality Assurance, Monitoring and Evaluation, Distribution Management	
8	G S Bhati Executive Director	B.E. (Elec.)	DDUGJY, Rural Electrification, Quality Assurance, Distribution Management	
9	VK Singh, Executive Director	B.E. (Elec.)	Generation Projects – Financing and Appraisal	
10	Fuzail Ahmed, Executive Director	B. Tech (Elect. Engg.)	Project Monitoring and Power Plant Familiarization; O&M of Transmission System; Construction and Quality Control Mechanism	
11	RP Vaishnaw, Executive Director	B.Com., CA	Internal Auditing; Financing of Power Projects, Risk Management	
12	JS Amitabh, Executive Director	B. Sc. (Hons), LLB, CS	Companies Act, 2013; CSR, Corporate Governance	
13	G Veer Mahender, Chief General Manager	B.E. (Mech.), MBA, MDM	Entity Appraisal, Project Appraisal, Power Trading, Project Planning & Development, Development Economics and Strategic Management.	
14	Salil Kumar, Chief General Manager	B. Tech	Vigilance for Organizational Excellence; Public/e-procurement; Preventive Vigilance	

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17	Taruna Gupta,	MBA (Finance),	Investments, Merchant Banking, Resource
15	Chief General	BA (Hons) -	Mobilization, Internal Audit, International
	Manager	Economics	Cooperation & Development, CSR
	N. Venkatesan,		23 years of experience in Project Formulation,
16	Chief General	M. Tech., M.B.A.	Appraisal & Monitoring of Power Projects
	Manager		Appraisar & Monitoring of Fower Frojects
	N.K. Maurya,		Financial Accounting, Auditing, Cost
17	Chief General	B. Com., AICWA	Accounting, Cost Auditing, Internal Audit,
	Manager		CERC-Tariff Fixation related topics
	P.S. Hariharan,	B. Tech (Mech.),	^
18	Chief General	M. Tech (Mech.),	Project Investigation and Appraisal - Project
10	Manager	PGDC in IT & M	Financing - Power generation projects
	, , , , , , , , , , , , , , , , , , ,		
10	Saurabh Rastogi,	D. Tash (Mash)	Financing of Renewable Energy Projects (Wind
19	Chief General	B. Tech (Mech.)	/ Solar / Biomass / Small Hydro)
	Manager		• •
	S. Muralidharan,		Corporate Taxation, Asset Liability
20	Chief General	CA, BSc (Maths)	Management (ALM) and Loan Recovery
	Manager		Wanagement (ALW) and Loan Recovery
	R Anbalagan,	MDA (Einonco)	Entity Appraisal System for State and Private
21	Chief General	MBA (Finance)	Sector Power Utilities - Critical Evaluation of
	Manager	and ICWA (Inter)	Borrowers/Promoters
	APS Manocha,	II D	
22	Chief General	LL. B	Project Financing, Loan Documentation and
	Manager	(Professional)	Litigation relating to recovery
			Hydroelectric Power Generation includes
23	D.B. Londhe,	B.E. (Electrical),	survey, investigation, construction, testing,
25	Sr GM	MBA (Finance)	commissioning, operation & maintenance
	B.E., MBA,	B.E., MBA,	Project Financing, Project Appraisals, AT&C
24	A. Veluchamy,	Chartered	Loss Reduction, Infrastructure Project
	Sr.GM	Engineer	Management Fixation of Tariff and Thermal
		e	Power Generation
27	Ch V Lakshmana		19 years of experience in project financing,
25	Charyulu, GM	B.E. (Civil), MBA	appraisal, monitoring and financial analysis
26	Jyothi Priya R	B.E., PGDC-TPPE	Thermal Power Generation and Project
20	Manger(Tech)	D.E., FODC-IFFE	Appraisal
27	Hima Bindu	B.E.M.TECH	Project Financing, Loan Documentation
<u> </u>	Manger(Tech)		,
		1	

FACULTY MEMBERS – EXTERNAL

In addition to in house faculties, RECIPMT has empanelled subject experts from different areas of power sector all over India. The list below is indicative and is more extensive. As per the need of training programme, for sharing field experiences and success stories with the participants, Subject Expert from exact required area are invited to share direct practical experiences during the training programme.

Name of Guest Faculty	Specialization		
SK Deo	Thermal Power Generation		
C Sriprakash	Operation & Maintenance of Thermal Power Plants		
IV Ramesh Kumar	Energy Conservation, Accounting & Audit in Thermal Power Stations		
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		
D Sudharsan	O&M of Civil Works in Hydro Power Plants		
Prof. P. Srinivasa Sarma	Quality Control of Civil Works in Power Generating Station		
K Naidu	Gates & Hoists of Hydro Power Projects		
K Tejaswara Rao	Civil Works of Infrastructure Facilities of Power Plant		
R Biksham	Atomic Power Plant		
M Gopala Rao	Power Transformer Operation and its Specification – Shunt Reactors		
VVSRR Narasimha Rao	Erection, Testing and Commissioning of Power Transformers and Reactors		
A Saiprasad Sarma	Availability based Tariff, Bus-bar arrangements and Reactive Power Compensation		
J Dakshina Murthy	Protection in Transmission & Distribution and Reactive Power Compensation		
S Ganesh Babu	Sub-Station Operation & Maintenance & Distribution Automation		
G Mahesh Kumar	Power Transformers, Technical Loss Reduction & Power Factor Improvement		
Tayi Krishna Rao	Transmission Tower Design and HVDC		
K Ashok	Generation and Transmission Planning		
L Parthasarathi	Transmission Planning & Load Flow Studies		
Dr. TSR Murthy	Condition monitoring - Dissolved Gas & Furan Analysis and Residuallife assessment		
Dr. HS Kalsi	Circuit Breaker technologies & Erection and Testing		
Dr. HS Jain	Gas Insulated Sub-Station		
Dr. A Dharme	Demand Side Management, Transmission Congestion & Congestion Management		
C Venkateswarulu	Protection Systemin Generation and Transmission		
K Ramakrishnan	Hot line maintenance Techniques		
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		
Ch Hanuman Rao	Transmission line Construction Management and Surveying		
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		

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G Ramanaiah Chetty	Quality Control of EHV Substation		
TV Rao	Design and Erection of Substation Structures		
S Muzumdar	FACT Systemand Advanced Technologies		
V Balaji	Billing and Settlement Code of Open Access & ABT – Payment Mechanism& Security		
B Neelakantam	Transformer & Bus-Bar Protection & Fault Level Calculation		
B Krishna Mohan Singh	Transmission Line Commissioning & Maintenance		
Ch Narasimha Murthy	Technical Specification, Construction Standards and Load Forecasting		
V Sudhakar	Load Forecast Techniques & Distribution System Planning		
DS Sarma	Earthing & Safety Aspects, Technical & Commercial Reduction		
L RadhaKrishna	Energy Accounting & Audit and GIS and GPS Application in Distribution		
P Narender Kumar	SCADA, Protection Aspects, Technical Loss Reduction, Sub-station Equipment & O&M		
E M Chakravarthy	Metering Technologies, Protection in Distribution & SCADA		
S Sunil Kumar	AT&C Losses, Metering Technologies, Billing and Collection		
YS Rao	Theft & Pilferage of Electricity		
Harsh Kumar Singh	IT orientation for Distribution Utilities		
Atanu Das Gupta	SCADA, Automation & Smart Grid		
P Krishna Reddy	Metering, Billing & Collection of Distribution		
P Prasad	Communication Systems for Transmission		
Phanindra Kumar	GIS & GPS Applications in Distribution		
K KarunaSagar	Project Management and Safety Management		
Dr. Savita	First Aid - with reference to Electrical Accidents		
MR Pawar	Solar Tracking System		
Dr. CVSN Murthy	Solar Insulation – Testing & Commissioning		
T Venugopal	Best Practices of O&M of Solar PV Systems		
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		
G VenuMadhav	Wind Power Systems		
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		
K Jagadesh Reddy	Capital Budgeting, Costing and Cost Management		
SL Narasimha Rao	Project Appraisal & Risk Analysis, Capital Budgeting		
KV Ramesh	Tax Management		
Smt. TS Maharani	Companies Act, CSR Implementation and Competitive Bidding guidelines		
AV Rao	Companies Act and Corporate Governance		
N Chandu Kumar	Budgeting, Strategic Financial Management and Financial Appraisal		
KS Srinivas	EPF, ESI, Employee Compensation and Contract Labour Act		
GB Sastry	Labour Laws, Compliance aspects and Procedures in dealing Court cases		
AS Kumar	Customer Relation Management & Communication & Presentation Skill		
C Vijayakumar	Motivating Self, Employee Motivation and Morale Development		
Jagan Mohan Reddy	Leadership Skills and Communication		
Dr. Sandhya Tiwari	Business Communications, Managing Change & Building Organizational Culture		
PVN Srinivas	Work-Life Balance		
K Srinivas	Time Management, Leadership Qualities, Positive Thinking & Attitude		
Uday Shankar	Costing & Cost Management, Budgeting & Budgeting Control		
D Murlidhar	Communication Skills, Leadership, Behavioral skills		

HOW TO REGISTER

- 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. It is proposed to offer 20% Discount for 2 nominations (₹5200), 30% Discount for 3-4 participants (₹4550) and 40% Discount for 5 & more participants (₹3900).
- 2. The Programmes are mainly residential and conducted at RECIPMT Campus, Shivarampally, Hyderabad. However Considering COVID-19 Scenario, we have announced few 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,
Dialicit & Address	Hyderabad
PAN	AAACR4512R
GSTIN	36AAACR4512R3Z0

 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 send by E-mail: <u>recipmt@gmail.com/recipmt@recl.in/recipmtrg@recl.in</u>.

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HOW TO REACH THE INSTITUTE

RECIPMT is well connected to Rajiv Gandhi International Airport and three major railway stations which are Secunderabad, Kachiguda and Hyderabad (Nampally).

RECIPMT is nearly 16 Km away from Airport as shown in map. Airport from ground level, radio cabs/ taxis are available 24 x7.

From Railway Stations, Pre-paid taxis/thr autos are available to reach the Institute located at Aramgarh Xroads on the National Highway No.7, towards Shamshabad Airport.



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ABOUT HYDERABAD



Birla Temple

Ramoji Film City

Hyderabad, the capital of Telangana State, is a picturesque sprawling city located about 1700 kms south of New Delhi, India's capital and nearly 800 kms to east of Mumbai, the business capital of India. It is situated at an elevation of 540 meters above the sea level and enjoys pleasant climate almost throughout the year. The City has many majestic historical monuments, mosques and marvelous minrests and palaces. The world famous monument Charminar – an imposing structure with 53 meters high – is an attraction of the city. On the western outskirts of the city, the historical Golconda Fort is located. The Salar Jung Museum, the world's largest oneman collection, displays around 35,000 antiques and art objects.

The ancient city of Hyderabad was ruled by Nizam who was fascinated for pearls and attracted traders/craftsmen

to bring the best to this land. It is, therefore, is also known as pearl city. It is famous for Silver inlay work, popularly known as Bidri Ware. The Asia's biggest Film City i.e. Ramoji Film City is located about 30 kms away from city. The city also has one of the world's largest monolith statues of Lord Buddha, the incarnation of peace in the middle of Hussain Sagar Lake.

Magnificent Cyber Towers, housing IT companies symbolizes the grand entry of IT era in Hyderabad City.

Hyderabad Special attraction

- Hyderabadi Biryani
- Osmania Biscuits
- Pearls and Bangles



Golkonda Fort



Charminar

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FOR FURTHER INFORMATION PLEASE CONTACT

SANTOSH KUMAR SAHU DIRECTOR



 SITE STORY Contract States and the possibilities (पूर्व सेंट्रल इंस्टीट्यूट ऑफ पावर मैनेजमेंट अँड ट्रेनिंग (पूर्व सेंट्रल इंस्टीट्यूट फॉर रूरल इलेक्ट्रिफिकेशन) REC INSTITUTE OF POWER MANAGEMENT AND TRAINING (Formerly Central Institute for Rural Electrification) शिवरमपल्ली, एनपीएपोस्ट, हैदराबाद/Shivarampally, NPA Post, Hyderabad-500052 दरू भाष/Phones: 040-29880852, 29808583 हॉस्टल/Hostel:040-29807252 E-mail: recipmt@gmail.com, recipmt@recl.in, recipmtrg@recl.in वेबसाइट / Website: www.recipmt.com&www.recindia.com मुख्य व्यवसायिक कार्यालय: आरईसी लिमिटेड, कोर-4, स्कोपकॉम्प्लेरस, 7, लोदीरोड, नईफदल्ली- 110003 Regd. Office: REC Limited, Core-4, SCOPE Complex, 7, Lodi Road, New Delhi-110003

CIN: L40101DL1969GOI00509



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