



KERALA STATE ELECTRICITY BOARD LIMITED

Reg.Office: Vidyuthi Bhavanam, Pattom, Thiruvananthapuram-695 004, Kerala
Website: www.kseb.in.CIN:U40100KL2011SGC027424

POWER ENGINEER'S TRAINING AND RESEARCH CENTRE (PETARC),
Moolamattom P.O., Idukki Dist., Pin - 685 589, Website: petarc.kseb.in

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No. PET – 108/2023-24/ 446

9th November 2023

NOTICE

Training Programs for the month of December 2023 at PETARC – Inviting nominations of Trainees

The following training programs are proposed to be conducted at PETARC, Moolamattom during the month of **December 2023**.

Sl No	Name of the Program	Training dates	Topics	Credit Points
1	Induction Level Orientation Training program for the newly recruited and promoted Assistant Engineers (Civil) All Asst.Engineers (Civil)	29.11.2023 to 16.12.2023	<ul style="list-style-type: none"> • KSEB - An Overview Introduction to Generation, Transmission & Distribution • Electricity Act 2003, Supply Code, Right to Information Act 2005 • Project Planning, Forest Conservation Act, Deforestation and compensatory afforestation, Project Environmental Clearance • Project Investigation, Preparation of DPR, Rules & Regulations regarding, Land Acquisition & Tree cutting • Dam Safety monitoring and Seismic study Project Planning & Management • Concrete mix design, quality control Project construction machines and equipments • Project Estimate Preparation, Sanction Values & Ethics, Emotional Intelligence, & Supervisory skills • Design of Structure, Tunnel, Dam, Weir intake, Penstock Pipes, Power House etc • Tunneling – survey and construction techniques • Tendering, Evaluation and Awards • PWD Codes, Material Accounting, Work Measurement, Bill preparation, Auditing and Passing, Preparation of Completion Reports • Kerala Service Rules & Duties and Functions of AEs, Office Management • Interpersonal Relationships 	6

2	Capacity building on Electricity Metering & Prevention of power Theft All Engineers (Ele)	04.12.2023 to 07.12.2023	<ul style="list-style-type: none"> • Section 135,126,127 of EA 2003. • General laws relevant to routine APTS activities. • Relevant provisions of CPC, CrPC, IPC, PDPP Act. • HT and LT metering. 	2
3	Retirement Planning All officers	12.12.2023 to 14.12.2023	<ul style="list-style-type: none"> • Plan for Retirement • Finance Management, Investment Plans • Health Watch, Life Style Diseases • Preparation of Pension, Grievance on Retirement & Calculation. 	1
4	Long Term Statutory Training for In-Service & Newly Recruited Sub Engineers (Electrical)- Phase I (Generation Module for 17 days)	18.12.2023 to 23.12.2023	Certification under regulations 7 and 8 of CEA (Measures relating to safety and Electric Supply), Regulations, 2023.	6
5	Capacity building on Communication, SCADA, Fibre Optic Cables & Systems All Engineers (Ele)	18.12.2023 to 22.12.2023	<ul style="list-style-type: none"> • Overview of Power System Communication. • Protection Signalling Equipments. • Dc system for Power System Communication. • Overview of control center SCADA System. • Fibre Optic Communication. • Phazor Monitoring Unit 	2
6	Capacity building on Non Conventional Energy All Engineers (Ele)	26.12.2023 to 30.12.2023	<ul style="list-style-type: none"> • Overview of non-conventional energy resources • Overview of Solar energy Technologies, Solar Thermal devices, Solar Photo –Voltaic devices, Performance and durability of solar device • Wind Energy, technology and geographical aspects • Geothermal and Biomass • Fuel Cell types, fuel processing, concept to product • Flywheels and Super Capacitors 	2
7	Capacity building on Distribution Planning. All Engineers (Ele)	26.12.2023 to 29.12.2023	<ul style="list-style-type: none"> • Energy Technology Perspective - Scenario in India under Power Distribution Reform Scheme. • Future Demand verses Supply Road Map. • Electricity System Consideration and Reliability. • All generation and storage options. • Deployment of Variable Generation Technology. • Informed Participation by Customers. • New products, services and market. • Power Quality for the range of needs. • Barriers for Utility, ERC & Consumer. 	2

			<ul style="list-style-type: none">• Demand Side Management and Smart Grid. Integration of Distributed Generation and Energy Storage with the Grid.	
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Sl. Nos. 1,2,3,5,6,7 :- Officers who would like to attend these Training Programs, may forward their nominations through controlling officers so as to reach PETARC at the earliest. (Google form link :- <https://forms.gle/GDjiWnGYEc429RxH6>) / (Email:- petarckseb@gmail.com)

Please note that those who are selected from the nominations will be intimated in due course.

Sd/-
DEPUTY CHIEF ENGINEER
PETARC, Moolamattom

Copy Submitted to : The Chief Engineer (HRM), KSEBL, Thiruvananthapuram