



KERALA STATE ELECTRICITY BOARD LIMITED

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

POWER ENGINEER'S TRAINING AND RESEARCH CENTRE (PETARC),
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No. PET – 108/2024-25/179

9th JULY 2024

NOTICE

Training Programs for the month of August 2024 at PETARC – Inviting nominations of Trainees

The following training programs are proposed to be conducted at PETARC, Moolamattom during the month of **August 2024**. The contents given in the topics are tentative only. Final contents will be issued on the first day of the training. Suggestions are invited from the nominees about topics to be included or excluded in the training program. Provision for the same is included in the Google Form for submitting the nomination. The valuable and relevant suggestions submitted by the majority in the Google form will be considered while finalizing the contents in the schedule.

Sl No	Name of the Program	Training dates	Topics	Credit Points
1	Capacity building on Design & Construction of EHV Sub Stations <i>(All Engineers (Ele))</i>	05.08.2024 to 09.08.2024	<ul style="list-style-type: none">• Introduction to EHV Substations• Design Principals and standards, load flow study, fault level calculation• Electrical Design Considerations• HV and EHV Cable design• Protection and Control Systems• Construction Management & Techniques• Design and erection work of various structures at substations• Auxiliary System design• Earthing• Case studies and practical applications• Future trends	3

2	Safety & Disaster Management (All Engineers)	06.08.2024 to 08.08.2024	<ul style="list-style-type: none"> • Electricity Safety procedures and prevention • To manage situation after an accident occurred • To fight the fire • First aid techniques to assist and help victims of an accident • Preparedness required for various types of disasters (Flood, Storms etc) • To cope the situation created by the various disasters • Role and responsibilities of Utility Engineers in accident prevention 	2
3	Retirement Planning (All officers)	12.08.2024 to 14.08.2024	<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 	3
4	Interpretation of Control wiring and Drawings in Power System (AE/AEE/EE Ele))	16.08.2024 to 17.08.2024	<ul style="list-style-type: none"> • Basics of wiring diagram • ANSI code • Reading of wiring diagram • Fault finding and rectification in control circuit 	1
5	Capacity building on inspection, Assessment and General Legal aspects for Distribution Engineers (All Engineers (Ele))	21.08.2024 to 24.08.2024	<ul style="list-style-type: none"> • Site Inspection, Theft of Electricity, Site Mahazar, Legal aspects, Compounding, Special Courts etc. • Sections 126 & 127 of EA 2003 in detail, Assessment, Procedures, Provisional Order, Final Order, Appeal etc. • General laws relevant to routine activities in Distribution field Engineers – Relevant provisions of EA 2003, CrPC, IPC, Evidence Act, PDPP Act, Energy Conservation Act, Consumer Protection Act etc. • Undercharges or Short Assessment Invoices, Section 142 of EA, 2003, RR Action 	2
6	Scrap Management, Accounting, Survey reporting, auction-Guidelines (All Engineers (Ele) & (Civil))	22.08.2024 to 23.08.2024	<ul style="list-style-type: none"> • Fundamentals of scrap management and accounting • Identification and classification of scrap • Storage and handling of scrap • Conducting Scrap surveys • Preparing survey reports • Auction Procedures and guidelines 	1

7	Capacity Building on Renewable Energy Integration (All Engineers (Ele))	29.08.2024 to 31.08.2024	<ul style="list-style-type: none"> • Over View of Renewable Energy sources • Fundamentals of Renewable Energy and Policy frame work • Renewable energy technologies • Case studies of successful projects • Technical aspect of renewable energy Integration- Grid integration • Power System planning and operations • Smart grid technologies • Economic, Financial, and practical considerations 	2
8	Course viva, Project presentation of Statutory Training Program for in-service Sub Engineers. (In-service SEs of RPTI Kozhikkode Batch))	30.08.2024	<ul style="list-style-type: none"> • Project Presentation, General viva voce for Sub Engineers who had completed Module-I on May 2024. 	6

Sl. Nos. 1 to 7 :- Officers who would like to attend these Training Programs, may forward their nominations and suggestions on topics through the 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