



# **KERALA STATE ELECTRICITY BOARD LIMITED**

Reg.Office: Vydyuthi Bhavanam, Pattom, Thiruvananthapuram-695 004, Kerala  
Website: [www.kseb.in](http://www.kseb.in). CIN: U40100KL2011SGC027424

**POWER ENGINEER'S TRAINING AND RESEARCH CENTRE (PETARC),**  
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No. PET – 108/2024-25/126

12<sup>th</sup> June 2024

## **NOTICE**

### **Training Programs for the month of July 2024 at PETARC – Inviting nominations of Trainees**

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

<b>Sl No</b>	<b>Name of the Program</b>	<b>Training dates</b>	<b>Topics</b>	<b>Credit Points</b>
1	Capacity building on various Civil Structures on power system <i>(All Engineers Civil)</i>	02.07.2024 to 05.07.2024	<ul style="list-style-type: none"><li>• Planning Design and Construction of Hydro Power Projects</li><li>• Detailed spec &amp; Construct practices for various Civil Engineering Structures &amp; Electrical wiring spec and practices</li><li>• Design and modern Construction practices in Transmission Projects</li><li>• Repair and mace of Concrete and other Civil Engineering Structures</li></ul>	3
2	Personnel Management <i>(All officers)</i>	04.07.2024 to 06.07.2024	<ul style="list-style-type: none"><li>• Human Behavior</li><li>• Organizational Behavior</li><li>• Workplace Communications</li><li>• Workplace Conditions</li><li>• Controlling Operations</li><li>• Work Teams</li><li>• Positive Discipline</li><li>• Grievances and Complaints</li><li>• Monitoring and Reporting</li></ul>	1

3	Orientation Training for Deputy Chief Engineers (Ele) & (Civil)  ( All DCEs Ele & Civil)	08.07.2024 to 11.07.2024	<ul style="list-style-type: none"> <li>• Power Sector Reforms</li> <li>• Transformational Leadership</li> <li>• Strategic Planning &amp; Decision Making</li> <li>• Understanding Self &amp; Interpersonal Relationship</li> <li>• Emotional Intelligence.</li> <li>• Positive Thinking.</li> <li>• Power Sector Project Management</li> <li>• Industrial Relations</li> <li>• Values, Ethics, Etiquettes, Communication Skills, Team Building, Stress Management</li> </ul>	3
4	Capacity building on Statutes and Regulation  (All officers)	09.07.2024 to 12.07.2024	<ul style="list-style-type: none"> <li>• CEA Regulation</li> <li>• Electricity Act 2003</li> <li>• Kerala Supply Code, 2014</li> <li>• General Laws for Public Servant</li> </ul>	2
5	Safety & Disaster Management (All Engineers)	17.07.2024 to 19.07.2024	<ul style="list-style-type: none"> <li>• Electricity Safety procedures and prevention</li> <li>• To manage situation after an accident occurred</li> <li>• To fight the fire</li> <li>• First aid techniques to assist and help victims of an accident</li> <li>• Preparedness required for various types of disasters (Flood, Storms etc)</li> <li>• To cope the situation created by the various disasters</li> <li>• Role and responsibilities of Utility Engineers in accident prevention</li> </ul>	2
6	Interpretation of Control wiring and Drawings in Power System (AE/AEE/EE (Ele))	19.07.2024 to 20.07.2024	<ul style="list-style-type: none"> <li>• Basics of wiring diagram</li> <li>• ANSI code</li> <li>• Reading of wiring diagram</li> <li>• Fault finding and rectification in control circuit</li> </ul>	1
7	Orientation Training Program for Senior Superintendent  (All Newly promoted SS)	22.07.2024 to 27.07.2024	<ul style="list-style-type: none"> <li>• Preparation of ARR &amp; ERC Tariff orders</li> <li>• Electricity Act 2003</li> <li>• Kerala Electricity Supply code 2014</li> <li>• Discussion on in house software applications</li> <li>• Accounting, Commercial Accounting Revenue Management &amp; Financial Management, RTI Act</li> </ul>	3
8	Capacity Building on Cyber Security and Surveillance  (All officers)	29.07.2024 to 31.07.2024	<ul style="list-style-type: none"> <li>• IT &amp; OT system, Cyber Security, IT- OT Comparison</li> <li>• OT systems in power sector, purdue model</li> <li>• Cyber security guidelines 2021 &amp; standards</li> <li>• VA-PT and Gap analysis</li> <li>• Risk Assessment</li> <li>• Cyber crisis management plan</li> <li>• Threat intel platforms</li> <li>• Cyber security controls</li> <li>• Centralized end point protection</li> <li>• Cyber Attack on critical infrastructures</li> </ul>	2

9	Workshop on Pumped Storage Power Stations. (DFIM) Doubly Fed Induction Motor for PSPs (For Research & Development purpose) (All Engineers (Ele) & (Civil))	30.07.2024 to 01.08.2024	<ul style="list-style-type: none"> <li>• Introduction to Pumped storage</li> <li>• Types of pumped storage Plants</li> <li>• Key components of pumped storage system</li> <li>• Trends and challenges</li> <li>• Emerging technologies</li> <li>• Technical aspect of pumped storage</li> <li>• Environmental Impacts</li> <li>• Economical and financial aspects</li> </ul>	2
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**Sl. Nos. 1 to 9**:- *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](mailto: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