



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 – 108/2024-25/230

17th August 2024

NOTICE

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

The following training programs are proposed to be conducted at PETARC, Moolamattom during the month of **September 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	Management Training- Good communication skills, Inter personal skills, ethics & Values (All officers)	02.09.2024 to 04.09.2024	<ul style="list-style-type: none">• Building Effective Communication and Interpersonal Skills• Fundamentals of Communication: Verbal and Non-Verbal• Enhancing Listening and Speaking Skills for Effective Leadership• Interpersonal Skills: Building Strong Professional Relationships• Conflict Resolution and Negotiation Skills• Ethics and Values in the Workplace: Principles and Importance• Leadership with Integrity: Fostering a Positive Work Culture• Personal Development Plan for Ethical Leadership	1
2	Training of Trainers Program for PETARC, RPTIs & HRD Wing	05.09.2024 to 07.09.2024	<ul style="list-style-type: none">• Motivating the Motivators• Energizing Future Trainers• Technical Visit• Transactional Analysis	1

3	<p>Capacity Building on Artificial Intelligence and effective applications in Power Sector</p> <p><i>(All Engineers)</i></p>	<p>09.09.2024 to 10.09.2024</p>	<ul style="list-style-type: none"> • Introduction to Artificial Intelligence in the Power Sector • Overview of AI: Concepts, Techniques, and Tools • AI in the Power Sector: Applications and Case Studies • Predictive Maintenance using AI: Methods and Benefits • AI in Load Forecasting and Demand Response Management • AI for Grid Management and Optimization: Techniques and Tools • AI in Renewable Energy Integration and Energy Storage Management 	1
4	<p>Scrap Management, Accounting, Survey reporting, auction- Guidelines</p> <p><i>(All Engineers (Ele) & (Civil))</i></p>	<p>10.09.2024 & 11.09.2024</p>	<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
5	<p>Capacity Building on Smart Grid Concepts in Distribution system and Automation</p> <p><i>(All Engineers (Ele))</i></p>	<p>18.09.2024 to 20.09.2024</p>	<ul style="list-style-type: none"> • Introduction to Smart Grid Concepts • Smart Grid Technologies in Distribution • Smart Distribution Networks: Concept and Design • Automation in Distribution Systems: SCADA, DMS, and ADMS • Smart Grid Communication and Data Management • Cyber security in Smart Grids: Challenges and Best Practices • Demand Response and Demand Side Management • Smart Grid Applications and Future Trends 	2
6	<p>Power System Operation: Demand Estimation, Monitoring & Control</p> <p><i>(All Engineers (Ele))</i></p>	<p>23.09.2024 to 25.09.2024</p>	<ul style="list-style-type: none"> • Overview of Power System Operation: Key Concepts and Components • Demand Estimation: Techniques and Models • Load Forecasting Methods: Short-term, Medium-term, and Long-term • Case Studies: Demand Estimation in Indian Power Sector • Monitoring Power Systems and Real-time Operations • SCADA Systems and Real-time Data Acquisition • Grid Stability and Frequency Control: Concepts and Practices • Control Strategies and Advanced Applications 	2

7	Safety & Disaster Management (All Engineers)	24.09.2024 to 26.09.2024	<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
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Sl. Nos. 1, 3 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