

## CPD COURSES PLAN FOR YEAR 2022.

Sr. #	Date	CATEGORY /TYPE	TOPIC	MODE	DURATION	RESOURCE PERSON
1	Jan 6-8, 2022	Power	Power Plant Control and Monitoring	In-person	Three Days	Engr. Akram Sadiq
2	Jan 17-21, 2022	Solar	Solar PV Design, Integration and Performance	Online	Five Days	Engr. Faiz Muhammad Bhutta
2	FEB 10-12, 2022	Power	Power Distribution System for Housing, Commercial and Industrial Facilities and Complexes	In-person	Three Days	Engr. Muhammad Ifukhar
4	March 12, 2022	Power	National Power Planning: Practices, Procedures and Challenges	In-person	One Day	Engr. Salis Usman
5	March 26, 2022	Energy	Energy Monitoring and Analytics	In-person	One Day	Engr. Masroor Ahmad Khan and Engr. Muhammad Wazir
7	April 02, 2022	Energy	Renewable Energy Policy 2020 and Solar Industry Outlook	Online	One Day	Engr. Faiz Muhammad Bhutta
8	April 11-15, 2022	solar	Solar PV Design, Integration and Performance (PV 101)	Online	Five Days	Engr. Faiz Muhammad Bhutta
10	May 14, 2022	Solar	Solar PV inverters and Energy Storage Fundamentals	Online	One Day	Engr. Faiz Muhammad Bhutta
11	May 28, 2022	Microgrid	Architecture and economics of multi-power sources system in a facility	In-person	One Day	Engr. Masroor Ahmad Khan and Engr. Muhammad Wazir
12	June 10-11, 2022	Pumping	Solar Pumping Fundamentals and Designing	Online	Two Days	Engr. Faiz Muhammad Bhutta
13	June 20-24, 2022	solar	Solar PV Design, Integration and Performance (PV 101)	Online	five Days	Engr. Faiz Muhammad Bhutta
14	July 09, 2022	energy	Energy System Optimization	Online	One Day	Engr. Faiz Muhammad Bhutta
15	July 30, 2022	solar	Solar PV Procurement, Sales and Business	Online	One Day	Engr. Faiz Muhammad Bhutta
16	August 15-19, 2022.	solar	Solar PV Design, Integration and Performance (PV 101)	Online	Five Days	Engr. Faiz Muhammad Bhutta
17	August 27, 2022.	LED	LED Lightening Fundamentals and Quality	Online	One Day	Engr. Faiz Muhammad Bhutta
18	September 17, 2022	Cables	Power Cables Fundamentals	In-person	One Day	Engr. Muhammad Nawaz Khan
19	October 15, 2022	Micro Hydro	Micro and Mini Hydro Power System (Planning, Implementation and O&M)	Online	One Day	Engr. Faiz Muhammad Bhutta and Engr. Usman Ghani
20	October 10-14, 2022	Solar	Solar PV Design, Integration Performance and Business (PV 101)	In-person	Five Days	Engr. Faiz Muhammad Bhutta
21	November 12, 2022	Electric Vehicles	Electric Vehicles and Charging Stations	Online	One Day	Engr. Syed Muhammad Afaq Raza Rizvi & Engr. Dr. Izza Anwer Minhas
22	November 26, 2021	Entrepreneurship	Innovation and Entrepreneurship in Energy Sector	Online	One Day	Engr. Masroor Ahmad Khan
23	December 17, 2022	Technology	Technology Road Mapping for Industries in Pakistan	Online	One Day	Engr. Qasar Wasique Ahmad