

**LIST OF PEC CPD ACTIVITIES
(January to December 2019)**

Sr.#	Course Title	Location	Date	Resource Person	Resource Person Area of Expertise
1	Tools to improve your professional Writing	PEC HQ, Islamabad	28 th Jan 2019	Engr. Dr. Sajid Iqbal sajid.iqbal@uet.edu.pk	Management Science, Control & Mechatronic Engineering
2	Seismic Design for Indigenous Building	Civil Secretariat Muzaffarabad	30 th Jan 2019	Engr. Prof. Dr. Sarosh H Lodi ahmad@neduet.edu.pk	Building Codes of Pakistan, Management, Seismic, Civil Engineering
3	Self-Management and Proactive Approach in Practical Life	CEEC-UET Hayatabad Peshawar	31 st Jan 2019	Engr. Brig. Dr. M Tahir Nawaz Tahirnawaz786@gmail.com	Entrepreneurship, Management Science, Supply Chain Management, Electrical Engineering
4	Managing Health Safety at Work Place	NFC-IET Multan	28 th Jan 2019	Engr. Dr. Naveed Ramzan ramzan50@hotmail.com	Health Safety, Management and Chemical Engineering
5	Introduction to Integrated Management System (IMS) Standards (ISO-9001, ISO-14001, BS-OHSAS-1801)	Pizza Palace Sukkur	28 th Jan 2019	Engr. M Salih Rind Saleh.rind@sngc.com.pk	ISO, IMS Standards, Integrated Management, Mechanical Engineering
6	Energy Crises: Remedial Measures & Standardization	PEC R/O Quetta	6 th Feb 2019	Engr. Prof. Dr. Suhail Aftab Qureshi tiger_suhail@hotmail.com	Energy, Management, Remedial Measurement, Electrical Engineering
7	Repair and Rehabilitation of Concrete Structures	NFC-IET Multan	28 th Feb 2019	Engr Dr. Prof. Tahir Sultan chtahir786@hotmail.com	Self-Concrete Compaction, Engineering Structure, Repair & Rehabilitation, Civil Engineering
8	Public Transport System Design and Operations Management	UET Lahore	27 th Feb 2019	Eng. Dr. Ammad Hassan Khan ammadhk@hotmail.com	Transportation Engineering
9	Design of Building and Civil structure	CEEC UET Peshawar	25 th Feb 2019	Engr shahid Iqbal Gill gilljutt@hotmail.co.uk	Structure, Safety, Management, Civil Structure Engineering
10	Modeling Water in Context of Pakistan Head Catchment	PEC HQ, Islamabad	28 th Feb 2019	Engr. Prof. Dr. Mehboob Alam mmahboobalam@gmail.com	Water Management, Civil Engineering
11	PEC Conference in Collaboration with World Technology Universities Network	PEC HQ, Islamabad	26 th Feb 2019	Prof. Brain Cantor VC Bradford (UK)	Networking Curriculum and Administration
12	Certified Maintenance & Reliability Professional (CMRP)	DHA Suffa Karachi	26 th Feb 2019	Engr. Syed Muhammad Amir Razvi amir.razvi@gmail.com	Certification, CMRP, Mechanical Engineering
13	Introduction to Integrated Management System (IMS) Standards (ISO-9001, ISO-14001, BS-OHSAS-1801)	SZABIST Hyderabad	28 th Feb 2019	Engr. M Salih Rind Saleh.rind@sngc.com.pk	ISO, IMS, BSS Standards, Integrated Management, Mechanical Engineering
14	Building Information Modeling (BIM)	UET Peshawar Abbottabad Campus	28 th Feb 2019	Engr. Tahir Shamshad tahirshamshad@gmail.com	BIM, Construction Management, Civil Engineering

15	Green Building Technology	BUET Khuzdar	25 th Feb 2019	Engr. Major Parvez Khan mark_pk47@yahoo.com	Green Building Technology, Civil Engineering
16	Energy Crises: Remedial Measures & Standardization	Turbat	28 th Feb 2019	Engr. Dr. Ahmed Hussain ahmadutm@gmail.com	Entrepreneurship, HVAC, Management Sciences, Energy, Mechanical Engineering
17	Occupational Health & Safety at Work Place	PEC HQ, Islamabad	4 th Mar 2019	Engr. Maqbool Butt	Health Safety, Social Sciences, Mechanical Engineering
18	Risk Allocation & Bankability in Construction Program	PEC HQ, Islamabad (Through Webinar)	18 th Mar 2019	Mr. Ibad Ur Rehman	Construction Management, Project Management, Accountability, Risk Assessment, Civil Engineering
19	Construction Management with Software Application	GDA, Gawader	17 th Mar 2019	Engr. Dr. Rizwan U Farooqi dgacademy@neduet.edu.pk	Project Management, Contract Management, Supply Chain Management, BIM, Software Applications, Entrepreneurship, Civil Engineering
20	Project Planning and Implementation	City University Peshawar	22 nd Mar 2019	Engr. Prof. Dr. Atta Ullah Shah drshah965@gmail.com	Office Management, Construction Management, Social Sciences, Project Management, Entrepreneurship Technical Part, Civil Engineering
21	Contract Management Under FIDIC Red Book	PEC HQ, Islamabad	26 th Mar 2019	Mr. Stephan Oruhor Mr. Fernando Ortega	FIDIC
22	Research Methodology and Technical Writing	NFC-EFR, Faisalabad	28 th Mar 2019	Engr. Prof. Dr. Sajid Iqbal sajid.iqbal@uet.edu.pk	Management Science, Control & Mechatronic Engineering
23	Building Information Modeling (BIM)	NED-UET Karachi	29 th Mar 2019	Engr. Dr Rizwan U Farooqi dgacademy@neduet.edu.pk	Project Management, Contract Management, Supply Chain Management, BIM, Software Applications, Entrepreneurship, Civil Engineering
24	How to Maintain Business Perspective in Entrepreneurship-the Engineers Guide to Self-	Circuit House Turbat	29 th Mar 2019	Engr. Shaikh O Zaman Safvi	Entrepreneurship, Business Administration, Self-Motivation
25	Fostering Creativity and Innovation Management in Engineers	PEC HQ, Islamabad	28 th Mar 2019	Engr. Major Parvez Khan mark_pk47@yahoo.com	Green Building Technology, Civil Engineering
26	Outcome Based Education (OBE)	R/o Quetta	28 th Mar 2019	Engr. Dr. Arshad (BUETM)	Entrepreneurship, Higher Education, MIS in Software Application, Computer Engineering
27	Hazard Identification & Risk Assessment	QUEST, Nawabshah	26 th Mar 2019	Engr. M Salih Rind Saleh.rind@sngc.com.pk	ISO, IMS, BSS Standards, Integrated Management, Mechanical Engineering
28	Certified Maintenance Reliability Professional (CMRP)	MUST Mirpur AJK	28 th Mar 2019	Engr. Dr. Shahab Khushnood shahab.khushnood@uettaxila.edu.pk	HVAC, ISO Standards, CMRP Certifications, Maintenance Reliability, Mechanical Engineering

29	Energy Crises: Remedial Measurement & Standardization	UET, Lahore	26 th Mar 2019	Engr. Prof. Dr. Suhail Aftab Qureshi tiger_suhail@hotmail.com	Energy, Management, Remedial Measurement, Electrical Engineering
30	Public Transport System Design and Operations Management	NFC Multan	29 th April 2019	Eng. Dr. Ahammad Hassan Khan ammadhk@hotmail.com	Transportation Engineering
31	Energy Conversation by Power Sector Improvement	UET, Lahore	30 th April 2019	Engr. Prof. Dr. Suhail Aftab Qureshi tiger_suhail@hotmail.com	Energy, Management, Remedial Measurement, Electrical Engineering
32	Total Quality Management (TQM)	CEEC UET Peshawar	25 th April 2019	Engr. Dr. Naeem Khattak	Management Sciences, TQM, Mechanical Engineering
33	Managing Health Safety at Work Places	COMSATS, Sahiwal	30 th April 2019	Engr. Dr. Naveed Ramzan ramzan50@hotmail.com	Health Safety, Management and Chemical Engineering
34	Dynamic of Effective Team Building	DHA Suffa Karachi	30 th April 2019	Engr. Prof. Dr. Ali Sajid Alisajid61@yahoo.com	Management, TQM, Leadership, Communication Skills, Presentation Skill, Electrical Engineering
35	Seismic Failure of Bridges & Resilience	PEC HQ, Islamabad	30 th April 2019	Engr. Dr. Muhammad Ali bridge_doctor@yahoo.com	Earthquake, Seismic, Building & Bridges, Civil Engineering
36	Managing Health Safety in Engineering Projects	Muzaffarabad AJK Postponed	30 th April 2019	Engr. Dr. Naveed Ramzan ramzan50@hotmail.com	Health Safety, Management and Chemical Engineering
37	Advance Techniques of Microsoft Excel for Engineers	PEC Regional Office Quetta	29 th April 2019	Engr. Dr Arshad Ali arshad.ali@buitms.edu.pk	OBE, Entrepreneurship, MIS, Electrical Engineering
38	Modern Tools and Techniques used in Surveying & Geological Engineering	BUET, Khuzdar	26 th April 2019	Dr Saeedullah Jan saeed.ullah@buitms.edu.pk	Geotech, Surveying, Soil, Geological Engineering
39	Supply Chain Management	GDA, Gawader Postponed	25 th April 2019	Engr. Dr Rizwan U Farooqi dgacademy@neduet.edu.pk	Project Management, Contract Management, Supply Chain Management, BIM, Software Applications, Entrepreneurship, Civil Engineering
40	Self-Management and Proactive Approach in Practical Life	Qurtuba University DI Khan	26 th April 2019	Engr. Dr. Hazrat Hussain gakusi1967@gmail.com	Management Sciences, Office Management, Entrepreneurship, Structural Engineering
41	Managing Disaster Risk Reduction into Development Process	UET Peshawar Abbottabad Campus	25 th April 2019	Arch Mubashir Hussain Arch Ghazala Naeem	DRR, Risk Reduction, Risk Management, Project Management, Safety
42	Introduction to Project Management Professional (PMP)	NFC-IEFR Faisalabad	26 th June 2019	Engr shahid Iqbal Gill gilljutt@hotmail.co.uk	Project Management, Health Safety, Civil Structure, Social Sciences, Civil Engineering

43	Energy System Optimization	NFC-IET Multan Postponed	24 th June 2019	Engr. Faiz Muhammad Bhutta	Electronics (Solar) & Marketing, Electrical Engineering
44	Maximization the Capacity Building Potential For Engineers – The 21st Century requirement Analysis	UET, Lahore	25 th June 2019	Engr. Dr. Muhammad Umar Ceo128technologies@gmail.com	Capacity Building, Management, Social Sciences
45	Introduction to Integrated Management System (IMS) Standards (ISO-9001, ISO-14001, BS-OHSAS-1801	NED-UET Karachi	28 th June 2019	Engr. M Salih Rind Saleh.rind@sngc.com.pk	ISO, IMS, BSS Standards, Integrated Management, Mechanical Engineering
46	Dispute and Conflict Management in Contracts	CEEC UET Peshawar	25 th June 2019	Engr. Tahir Shamshad tahirshamshad@gmail.com	BIM, Construction Management, Civil Engineering
47	Building Information Modeling (BIM)	R/O Quetta	28 th June 2019	Engr. Tahir Shamshad tahirshamshad@gmail.com	BIM, Construction Management, Civil Engineering
48	How to Maintain Business Perspective in Entrepreneurship- The Engineers Guide to self Development in Pakistan	PEC HQ, Islamabad	28 th June 2019	Engr. Dr. Navid Jamil Malik drnavidjamil@gmail.com	Leadership, entrepreneurship, strategic planning, organizational behavior, academic management, Outcome-Based Education (OBE)
49	Managing Health safety at Work Place	MUST Mirpur AJK	2 nd July 2019	Engr. Dr. Naveed Ramzan ramzan50@hotmail.com	Health Safety, Management and Chemical Engineering
50	Building Code of Pakistan (Seismic Provision)	Mashroom Hotel, Skardu	8 th July 2019	Engr. Prof. Dr. Sarosh H Lodi ahmad@neduet.edu.pk	Building Codes of Pakistan, Management, Seismic & Civil Engineering
51	Energy Crises: Remedial Measures & Standardization	CEEC UET Peshawar	29 th July 2019	Engr. Dr. Shahab Khushnood shahab.khushnood@uettaxila.edu.pk	HVAC, ISO Standards, CMRP Certifications, Maintenance Reliability, Mechanical Engineering
52	Building Information Modeling (BIM)	PEC HQ Islamabad	30 th July 2019	Engr. Dr. Muhammad Umer Engr. Rizwan Farooqi	Project Management, Contract Management, Supply Chain Management, BIM, Software Applications, Entrepreneurship, Civil Engineering
53	Fourth Industrial Revolution	UET Lahore Transportation Hall	26 th July 2019	Engr. Azhar Zia Ur Rehman azharzr@i4r.tech	Industrial Engineering
54	Energy System Optimization	COMSATS Sahiwal	Postponed	Engr. Faiz Bhutta	Solar System Optimization, Electrical Engineering
55	Certified Maintenance & Reliability Professional	NFC-IET Multan	31 st July 2019	Engr. Dr. Shahab Khushnood shahab.khushnood@uettaxila.edu.pk	HVAC, ISO Standards, CMRP Certifications, Maintenance Reliability, Mechanical Engineering
56	Managing Health Safety in Engineering Projects	Civil Secreteriet Muzaffarabad	Postponed	Engr. Dr. Naveed Ramzan ramzan50@hotmail.com	Health Safety, Management and Chemical Engineering

57	Supply Chain Management	PEC R/O Quetta	26 th July 2019	Engr. Dr Rizwan U Farooqi dgacademy@neduet.edu.pk	Project Management, Contract Management, Supply Chain Management, BIM, Software Applications, Entrepreneurship, Civil Engineering
58	Communications Skill for Engineers and Technical Managers	NED-UET Karachi	27 th August 2019	Engr. Prof. Dr. Ali Sajid Alisajid61@yahoo.com	Leadership, entrepreneurship, strategic planning, organizational behavior, multi-disciplinary curriculum, academic management
59	Motivation & Life Skills for Engineers	UET, Lahore Transportation Hall	29 th August 2019	Engr. Prof. Dr. Ali Sajid Alisajid61@yahoo.com	Leadership, entrepreneurship, strategic planning, organizational behavior
60	Managing Health Safety at Work Place	Civil Secreteriet Muzaffarabad	23 rd August 2019	Engr. Dr. Naveed Ramzan ramzan50@hotmail.com	Health Safety, Management and Chemical Engineering
61	Organizational Behavior & Change Management	City University Peshawar	29 th August 2019	Engr. Brig. Dr. M Tahir Nawaz Tahirnawaz786@gmail.com	Entrepreneurship, Management Science, Supply Chain Management, Electrical Engineering
62	Career Readiness insights for engineers for China Pakistan Economic Corridor (CPEC) and Beyond	PEC HQ Islamabad	27 th August 2019	Engr. Rizwan U Farooqi dgacademy@neduet.edu.pk	Project Management, Contract Management, Supply Chain Management, BIM, Software Applications, Entrepreneurship, Civil Engineering
63	Winning Attitude of Engineers	KIU Gilgit	2 nd Sept 2019	Engr. Prof. Dr. Atta Ullah Shah drshah965@gmail.com	Office Management, Construction Management, Social Sciences, Project Management, Entrepreneurship
64	Capacity Building/Awareness Workshop on Building Energy Code	PEC HQ, Islamabad	5th September	Engr. Aqrab Engr. Nasir Moheen ud Deen	
65	Groundwater Resource Management in Pakistan: Issues and Options	Qurtuba University DI Khan	16th Sept 2019	Engr. Dr. Taj Ali Khan taj_marwat@yahoo.com	Ground Water Management, Soil, Agriculture Engineering
66	PEC Bidding Documents & Contract Management	Skardu	16 th Sept 2019	Engr. Prof. Dr. Atta Ullah Shah drshah965@gmail.com	Office Management, Construction Management, Social Sciences, Project Management, Entrepreneurship Technical Part, Civil Engineering
67	Energy System Optimization	COMSATS, Islamabad Sahiwal Campus	30th Sep 2019	Engr. Faiz Bhutta	Solar System Optimization, Electrical Engineering
68	Engineering Leadership	CEEC-UET, Peshawar	30th Sep 2019	Engr. Dr. Navid Jamil Malik drnavidjamil@gmail.com	Leadership, entrepreneurship, strategic planning, organizational behavior, academic management, Outcome-Based Education (OBE)
69	Conflict management and Dispute Resolution in Contracts	PEC HQ, Islamabad	25th Sep 2019	Engr. Tahir Shamshad tahirshamshad@gmail.com	BIM, Construction Management, Civil Engineering
70	Project Management with Software Application	UET, Lahore Transportation Hall	26th Sep 2019	Engr. Prof. Dr. Rizwan U Farooqi	Project Management, Contract Management, Supply Chain Management, BIM, Software Applications,
71	Planning and Design of Engineering Projects	ISP, Multan Institute of Southern Punjab	26th Sep 2019	Engr. Shahid Iqbal Gill gilljutt@hotmail.co.uk	Structure, Safety, Management, Civil Structure Engineering
72	Introduction to Integrated Management System (IMS)	IEP, Karachi Institution of Engineers, Pakistan	30th Sep 2019	Engr. M Salih Rind Saleh.rind@sngc.com.pk	ISO, IMS, BSS Standards, Integrated Management, Mechanical Engineering
73	Dispute Avoidance and Claims Management under FIDIC	PEC HQ, Islamabad All PEC Regional Offices (Peshawar, Lahore, Karachi, Quetta)	10 th Oct 2019	Engr. Christiaan Grosskopf IntPE (ZA), CIPM	Dispute Avoidance and Claims Management under FIDIC

74	Reconstruction and Rehabilitation of Earthquake Effected infrastructure	MUST Mirpur AJK	18th Oct 2019	Engr. Tahir Shamshad tahirshamshad@gmail.com	BIM, Construction Management, Civil Engineering
75	Advance Network Simulation using NS3	PEC HQ, Islamabad	31st Oct 2019	Dr. M. Inayat Ullah Baber babar@uetpeshawar.edu.pk	DRR, Risk Reduction, Risk Management, Project Management, Safety,
76	Managing Disaster Risk Reduction into Development Process	PEC R/O Quetta	29th Oct 2019	Engr. Dr. Zafar Lashari	
77	Groundwater Resource Management in Pakistan: Issues and Options	UET, Peshawar	30th Oct 2019	Engr. Dr. Taj Ali Khan taj_marwat@yahoo.com	Ground Water Management, Soil, Agriculture Engineering
78	Contract Administration on Construction Projects	UET, Lahore Transportation Hall	30th Oct 2019	Engr. Mehmood A Sulehri	
79	Construction Contracts and Claim Management	NED-UET Karachi	29th Oct 2019	Engr. Prof. Dr. Rizwan U Farooqi	Project Management, Contract Management, Supply Chain Management, BIM, Software Applications, Entrepreneurship, Civil Engineering
80	Leadership for Engineers & Technical Managers	Faisalabad	Nov-2019	Engr. Prof. Dr. Ali Sajid Alisajid61@yahoo.com	Leadership, entrepreneurship, strategic planning, organizational behavior
81	Modern Trends in Engineering and Techniques	Islamabad	Nov-2019	Engr. Dr. Jamil	Electrical Engineering
82	Environmental Aspects Identification and Risk Assessment	Lahore	Nov-2019	Engr. Asma Maqbool	Environment, Safety, Social Sciences, Mechanical Engineering
83	Construction Management: Software Application	Peshawar	Nov-2019	Engr. Dr. Muhammad Umer Engr. Dr. Rizwan Farooqi	Project Management, Contract Management, Supply Chain Management, BIM, Software Applications, Entrepreneurship, Civil Engineering
84	Green Building Technology	Quetta	Nov-2019	Engr. Major Parvez Khan mark_pk47@yahoo.com	Green Building Technology, Civil Engineering
85	Project Management in Prospective of CPEC	Islamabad	Dec-2019	Engr. Dr. Rizwan U Farooqi dgacademy@neduet.edu.pk	Project Management, Contract Management, Supply Chain Management, BIM, Software Applications, Entrepreneurship, Civil Engineering
86	Public Transport System Design and Operations Management	Quetta	Dec-2019	Eng. Dr. Ammad Hassan Khan ammadhk@hotmail.com	Transportation Engineering
87	New Trends in Telecommunication (Advance Network Simulation using NS3)	Sukkur	Dec-2019	Engr. Dr. Madad Ali Shah	Computer Engineering
88	Renewable Energy Technologies (Solar)	Khuzdar	Dec-2019	Engr. Dr. Mushtaq	Renewable Energy (Solar), Electrical Engineering
89	Water Quality for Agriculture and Crop Management of Problematic Soils	Peshawar	Dec-2019	Engr. Dr. Ashraf	Sprinkling Irrigation, Deep Irrigation, Water Management, Agriculture Engineering
90	Flow Induced Vibrations in Heat Exchanges	Mirpur	Dec-2019	Engr. Dr. Shahab Khushnood shahab.khushnood@uettaxila.edu.pk	HVAC, ISO Standards, CMRP Certifications, Maintenance Reliability, Mechanical Engineering