

## CPD ACTIVITIES CALENDAR FOR YEAR 2023

<b>PEB Name:</b>		University of Engineering & Technology, Taxila						
<b>PEB Reg. #:</b>		PEB-P-UETTXL-0032						
<b>Name of PEB Coordinator:</b>		Prof. Dr. Naveed Ahmad						
Sr. No	CPD Title	CPD Category-type	Location*	Dates	Collaboration	Resource Person (Person delivering the lecture/seminar/workshop)	CPD Credit/Points	Contact Person/Organizer Details (Name, Email ID, and Telephone Number)
<b>Electrical Engineering Department</b>								
1.	01 Day Workshop Solar PV design using SketchUp and Skelion	(W) Workshop	EED UET Taxila	04 Jan 2023	N.A.	Dr. Habib Ur Rahman Habib	1.0	Dr. Habib Ur Rahman Habib Lab Engineer, EED, UET Taxila <a href="mailto:hr.habib@uettaxila.edu.pk">hr.habib@uettaxila.edu.pk</a> +92-3015352644
2.	01 Day Workshop Solar System Design using Helioscope	(W) Workshop	EED UET Taxila	05 Jan 2023	N.A.	Dr. Habib Ur Rahman Habib	1.0	Dr. Habib Ur Rahman Habib Lab Engineer, EED, UET Taxila <a href="mailto:hr.habib@uettaxila.edu.pk">hr.habib@uettaxila.edu.pk</a> +92-3015352644
3.	01 Day Workshop Microgrid Design using HOMER Pro	(W) Workshop	EED UET Taxila	06 Jan 2023	N.A.	Dr. Habib Ur Rahman Habib	1.0	Dr. Habib Ur Rahman Habib Lab Engineer, EED, UET Taxila <a href="mailto:hr.habib@uettaxila.edu.pk">hr.habib@uettaxila.edu.pk</a> +92-3015352644
4.	Modern electrical insulation	(L) Lecture	EED UET Taxila	09 Jan 2023	N.A.	Dr Aamir Raza, Deputy Manager, Islamabad Electric Supply Company, Islamabad, Pakistan	0.5	Dr. Habib Ur Rahman Habib Lab Engineer, EED, UET Taxila <a href="mailto:hr.habib@uettaxila.edu.pk">hr.habib@uettaxila.edu.pk</a> +92-3015352644
5.	Energy market liberalisation	(L) Lecture	EED UET Taxila	10 Jan 2023	N.A.	Dr Aamir Raza, Deputy Manager,	0.5	Dr. Habib Ur Rahman Habib Lab Engineer, EED, UET Taxila <a href="mailto:hr.habib@uettaxila.edu.pk">hr.habib@uettaxila.edu.pk</a>

						Islamabad Electric Supply Company, Islamabad, Pakistan		+92-3015352644
6.	01 Day Workshop Solar System Design using PVsyst	(W) Workshop	EED UET Taxila	11 Jan 2023	N.A.	Dr. Habib Ur Rahman Habib	1.0	Dr. Habib Ur Rahman Habib Lab Engineer, EED, UET Taxila <a href="mailto:hr.habib@uettaxila.edu.pk">hr.habib@uettaxila.edu.pk</a> +92-3015352644
7.	Power system protection	(L) Lecture	EED UET Taxila	11 Jan 2023	N.A.	Dr Aamir Raza, Deputy Manager, Islamabad Electric Supply Company, Islamabad, Pakistan	0.5	Dr. Habib Ur Rahman Habib Lab Engineer, EED, UET Taxila <a href="mailto:hr.habib@uettaxila.edu.pk">hr.habib@uettaxila.edu.pk</a> +92-3015352644
8.	01 Day Workshop Integrated energy planning and climate change mitigation assessment using LEAP	(W) Workshop	EED UET Taxila	12 Jan 2023	N.A.	Dr. Habib Ur Rahman Habib	1.0	Dr. Habib Ur Rahman Habib Lab Engineer, EED, UET Taxila <a href="mailto:hr.habib@uettaxila.edu.pk">hr.habib@uettaxila.edu.pk</a> +92-3015352644
9.	Power system stability and blackouts	(L) Lecture	EED UET Taxila	16 Jan 2023	N.A.	Dr Aamir Raza, Deputy Manager, Islamabad Electric Supply Company, Islamabad, Pakistan	0.5	Dr. Habib Ur Rahman Habib Lab Engineer, EED, UET Taxila <a href="mailto:hr.habib@uettaxila.edu.pk">hr.habib@uettaxila.edu.pk</a> +92-3015352644
10.	Demand response techniques	(L) Lecture	EED UET Taxila	17 Jan 2023	N.A.	Dr Aamir Raza, Deputy Manager, Islamabad Electric Supply Company, Islamabad, Pakistan	0.5	Dr. Habib Ur Rahman Habib Lab Engineer, EED, UET Taxila <a href="mailto:hr.habib@uettaxila.edu.pk">hr.habib@uettaxila.edu.pk</a> +92-3015352644
11.	Battery storage for grid systems	(L) Lecture	EED UET Taxila	18 Jan 2023	N.A.	Dr Aamir Raza, Deputy Manager, Islamabad Electric Supply Company, Islamabad, Pakistan	0.5	Dr. Habib Ur Rahman Habib Lab Engineer, EED, UET Taxila <a href="mailto:hr.habib@uettaxila.edu.pk">hr.habib@uettaxila.edu.pk</a> +92-3015352644
12.	Energy metering	(L) Lecture	EED UET Taxila	19 January	N.A.	Dr Aamir Raza, Deputy Manager,	0.5	Dr. Habib Ur Rahman Habib Lab Engineer, EED, UET Taxila

				2023		Islamabad Electric Supply Company, Islamabad, Pakistan		<a href="mailto:hr.habib@uettaxila.edu.pk">hr.habib@uettaxila.edu.pk</a> +92-3015352644
13.	Circular debt reasons and solutions	(L) Lecture	EED UET Taxila	20 Jan 2023	N.A.	Dr Aamir Raza, Deputy Manager, Islamabad Electric Supply Company, Islamabad, Pakistan	0.5	Dr. Habib Ur Rahman Habib Lab Engineer, EED, UET Taxila <a href="mailto:hr.habib@uettaxila.edu.pk">hr.habib@uettaxila.edu.pk</a> +92-3015352644
14.	Electricity prices reasons and solutions	(L) Lecture	EED UET Taxila	23 Jan 2023	N.A.	-Dr Aamir Raza, Deputy Manager, Islamabad Electric Supply Company, Islamabad, Pakistan	0.5	Dr. Habib Ur Rahman Habib Lab Engineer, EED, UET Taxila <a href="mailto:hr.habib@uettaxila.edu.pk">hr.habib@uettaxila.edu.pk</a> +92-3015352644
15.	Construction and maintenance of 132 kV transmission system	(L) Lecture	EED UET Taxila	24 Jan 2023	N.A.	Dr Aamir Raza, Deputy Manager, Islamabad Electric Supply Company, Islamabad, Pakistan	0.5	Dr. Habib Ur Rahman Habib Lab Engineer, EED, UET Taxila <a href="mailto:hr.habib@uettaxila.edu.pk">hr.habib@uettaxila.edu.pk</a> +92-3015352644
16.	Construction and maintenance of 11 kV distribution system	(L) Lecture	EED UET Taxila	25 Jan 2023	N.A.	Dr Aamir Raza, Deputy Manager, Islamabad Electric Supply Company, Islamabad, Pakistan	0.5	Dr. Habib Ur Rahman Habib Lab Engineer, EED, UET Taxila <a href="mailto:hr.habib@uettaxila.edu.pk">hr.habib@uettaxila.edu.pk</a> +92-3015352644
17.	Underground distribution system laying and maintenance	(L) Lecture	EED UET Taxila	26 Jan 2023	N.A.	Dr Aamir Raza, Deputy Manager, Islamabad Electric Supply Company, Islamabad, Pakistan	0.5	Dr. Habib Ur Rahman Habib Lab Engineer, EED, UET Taxila <a href="mailto:hr.habib@uettaxila.edu.pk">hr.habib@uettaxila.edu.pk</a> +92-3015352644
18.	Distribution system automation	(L) Lecture	EED UET Taxila	27 Jan 2023	N.A.	Dr Aamir Raza, Deputy Manager, Islamabad Electric Supply Company, Islamabad, Pakistan	0.5	Dr. Habib Ur Rahman Habib Lab Engineer, EED, UET Taxila <a href="mailto:hr.habib@uettaxila.edu.pk">hr.habib@uettaxila.edu.pk</a> +92-3015352644

19.	Integrated energy networks	(L) Lecture	EED UET Taxila	30 Jan 2023	N.A.	Dr Aamir Raza, Deputy Manager, Islamabad Electric Supply Company, Islamabad, Pakistan	0.5	Dr. Habib Ur Rahman Habib Lab Engineer, EED, UET Taxila <a href="mailto:hr.habib@uettaxila.edu.pk">hr.habib@uettaxila.edu.pk</a> +92-3015352644
20.	Role of telecom solutions in power systems	(L) Lecture	EED UET Taxila	31 Jan 2023	N.A.	Dr Aamir Raza, Deputy Manager, Islamabad Electric Supply Company, Islamabad, Pakistan	0.5	Dr. Habib Ur Rahman Habib Lab Engineer, EED, UET Taxila <a href="mailto:hr.habib@uettaxila.edu.pk">hr.habib@uettaxila.edu.pk</a> +92-3015352644
21.	Power system planning and modelling	(L) Lecture	EED UET Taxila	01 Feb 2023	N.A.	Dr Aamir Raza, Deputy Manager, Islamabad Electric Supply Company, Islamabad, Pakistan	0.5	Dr. Habib Ur Rahman Habib Lab Engineer, EED, UET Taxila <a href="mailto:hr.habib@uettaxila.edu.pk">hr.habib@uettaxila.edu.pk</a> +92-3015352644
22.	One day workshop Outcome based System of Education & Accreditation	(W) Workshop (L) Lecture	UET Taxila	1 Feb 2023	-	Engr. Prof. Dr. Gulistan Raja, UET Taxila	1.0	Dr. Ahsan Ali Associate Prof, EED, UET Taxila <a href="mailto:ahsan.ali@uettaxila.edu.pk">ahsan.ali@uettaxila.edu.pk</a> Cell: 0333-4697993 Off: 051-9047539
23.	Control of electric machines for Electric Vehicle drive systems	(L) Lecture	EED UET Taxila	23 Feb 2023	N.A.	Dr. Abdul Khalique Junejo, Assistant Professor (Electrical Engineering) QUEST University, Nawabshah, Sindh, Pakistan	0.5	Dr. Habib Ur Rahman Habib Lab Engineer, EED, UET Taxila <a href="mailto:hr.habib@uettaxila.edu.pk">hr.habib@uettaxila.edu.pk</a> +92-3015352644

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<b>Name of PEB Coordinator:</b>		<b>Dr. Naveed Ahmad</b>						
<b>Sr. No</b>	<b>CPD Title</b>	<b>CPD Category-type</b>	<b>Location</b>	<b>Dates</b>	<b>Collaboration</b>	<b>Resource Person</b> (Person delivering the lecture/seminar/workshop)	<b>CPD Credit / Points</b>	<b>Contact Person/Organizer Details</b> (Name, Email ID, and Telephone Number)
<b>Electronics Engineering Department</b>								
1.	Millimeter Wave MIMO Antennas for 5G Applications.	Lecture	UET Taxila	11-Apr-2023	---	Dr. Bilal Aslam	0.5	Dr. M Faraz <a href="mailto:Muhammad.faraz@uettaxila.edu.pk">Muhammad.faraz@uettaxila.edu.pk</a> 0333-1969804
2.	Technical Paper Writing Skills	Lecture	UET Taxila	4-Oct-2023	---	Dr. Khawaja Shafiq Haider	0.5	Dr. M Faraz <a href="mailto:Muhammad.faraz@uettaxila.edu.pk">Muhammad.faraz@uettaxila.edu.pk</a>
3.	Introduction to Latex	Lecture	UET Taxila	7-Nov-2023	---	Dr. Sadaqat Ali	0.5	Dr. Muhammad Faraz <a href="mailto:Muhammad.faraz@uettaxila.edu.pk">Muhammad.faraz@uettaxila.edu.pk</a>

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<b>Civil Engineering Department</b>								
<b>1.</b>	Ageing Management of structures and components of power plants	Lecture	CED, UET Taxila	23-3-2023		Dr. Javed Iqbal Siddiqui	0.5	Dr. Shahzad Saleem <a href="mailto:shahzad.saleem@uettaxila.edu.pk">shahzad.saleem@uettaxila.edu.pk</a> 0345-6600050
<b>2.</b>	Rehabilitation techniques of damaged bridges	Lecture	CED, UET Taxila	27-4-2023		Dr. Iqbal Structural expert of NHA, Islamabad	0.5	Dr. Shahzad Saleem <a href="mailto:shahzad.saleem@uettaxila.edu.pk">shahzad.saleem@uettaxila.edu.pk</a> 0345-6600050
<b>3.</b>	Damages of Infrastructure of Pakistan due to flood of 2022. A critical review.	Lecture	CED, UET Taxila	25-5-2023		Dr. Asif Azam, NHA, Islamabad	0.5	Dr. Shahzad Saleem <a href="mailto:shahzad.saleem@uettaxila.edu.pk">shahzad.saleem@uettaxila.edu.pk</a> 0345-6600050
<b>4.</b>	Damping techniques to control structural vibrations	Lecture	CED, UET Taxila	22-6-2023		Dr. M. Jameel Ahmad	0.5	Dr. Shahzad Saleem <a href="mailto:shahzad.saleem@uettaxila.edu.pk">shahzad.saleem@uettaxila.edu.pk</a> 0345-6600050
<b>5.</b>	Seismic vulnerability of RC structures	Lecture	CED, UET Taxila	27-7-2023		Dr. Sohaib Ahmad	0.5	Dr. Shahzad Saleem <a href="mailto:shahzad.saleem@uettaxila.edu.pk">shahzad.saleem@uettaxila.edu.pk</a> 0345-6600050

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<b>Telecommunication Engineering Department</b>								
1.	MATLAB CODING- A Practical Guide for Engineers	C	UET, Taxila	March, 30, 2023	N/A	Prof. Dr. Yasar Amin	0.5	Engr. Dr. Ali Waqar Azim <a href="mailto:ali.azim@uettaxila.edu.pk">ali.azim@uettaxila.edu.pk</a> 0333-5822285

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<b>Computer Engineering Department</b>								
1.	Recent Trends in Imaging coding	Seminar	CPED UET Taxila	20-02-2023	UET Taxila	Dr. Muhammad Majid	0.5	Dr. Muhammad Asif Khan, <a href="mailto:masif.khan@uettaxila.edu.pk">masif.khan@uettaxila.edu.pk</a> 0336-6333553
2.	Recent Trends in Cyber Security	Seminar	CPED UET Taxila	25-04-2023	KRL	Dr. Nasir Mehmood	0.5	--- as above ---
3.	Optical wireless communication using Opti system	Workshop	CPED UET Taxila	24-10-2023	UET Taxila	Dr. Farhan Qamar	1.0	--- as above ---
4.	Blockchain Technology: Proof of Concept	Workshop	CPED UET Taxila	11-12-2023	UET Taxila	Dr. Adnan Mustafa	0.5	--- as above ---



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<b>Mechanical Engineering Department</b>								
<b>1.</b>	Performance Characterization of Nano-Additives in Lead Acid Batteries	Lecture	MED UET Taxila	5-May-2023	-	Prof. Dr. Ali Nasir	0.5	Waqas Asghar waqas.asghar@uettaxila.edu.pk 051-9047 669
<b>2</b>	Recent Advances in Additive Technology of Engine Lubricants	Lecture	MED UET Taxila	2-Jun-2023	-	Dr. Mubashir Gulzar	0.5	Waqas Asghar waqas.asghar@uettaxila.edu.pk 051-9047 669
<b>3</b>	Fatigue Life Prediction of Aerospace Alloys	Lecture	MED UET Taxila	22-Sep-2023	-	Dr. Shahid Mehmood	0.5	Waqas Asghar waqas.asghar@uettaxila.edu.pk 051-9047 669
<b>4</b>	Integration of Solar Passive and Active Air Conditioning Technologies for Intelligent Buildings in Pakistan	Lecture	MED UET Taxila	10-Nov-2023	-	Prof. Dr. Muzaffar Ali	0.5	Waqas Asghar waqas.asghar@uettaxila.edu.pk 051-9047 669

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<b>Industrial Engineering Department</b>								
<b>1.</b>	Hospital management using theory of constraints	Lecture	Conference Room, IED, UET, Taxila	11 <sup>th</sup> Jan, 2023	N.A.	Dr. Saifullah, Engr. Aisha Tayyib	0.5	Dr. Muhammad Khurram Ali, <a href="mailto:khurram.ali@uettaxila.edu.pk">khurram.ali@uettaxila.edu.pk</a> , 0321-5101561
<b>2</b>	Resource Planning and scheduling in hospitals	Lecture	Conference Room, IED, UET, Taxila	22nd March, 2023	N.A.	Dr. Saif Ullah, Dr. Muhammad Khurram Ali	0.5	Dr. Muhammad Khurram Ali, <a href="mailto:khurram.ali@uettaxila.edu.pk">khurram.ali@uettaxila.edu.pk</a> , 0321-5101561
<b>3</b>	An Insight into Rapid Prototyping Machines	Lecture	Conference Room, IED, UET, Taxila	11 <sup>th</sup> October, 2023	N.A.	Dr. Salman Hussain, Dr. Wasim Ahmad	0.5	Dr. Muhammad Khurram Ali, <a href="mailto:khurram.ali@uettaxila.edu.pk">khurram.ali@uettaxila.edu.pk</a> , 0321-5101561
<b>4</b>	Stress Management	Lecture	Conference Room, IED, UET, Taxila	13 <sup>th</sup> . December, 2023	N.A.	Prof. Dr. Mirza Jahanzaib, Dr. Muhammad Sajid	0.5	Dr. Muhammad Khurram Ali, <a href="mailto:khurram.ali@uettaxila.edu.pk">khurram.ali@uettaxila.edu.pk</a> , 0321-5101561

**\*NOTE: If required, above mentioned CPD activities can be conducted online.**