CPD ACTIVITIES CALENDAR FOR YEAR 2022

PEB Name:	**University of Engineering & Technology Taxila**
PEB Reg. #:	**PEB-P-UETTXL-0032**
Name of PEB Coordinator:	**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)
					Electrical Engineering Department			
1	Electrical Demand and Its Flexibility	(C) Lecture	Electrical Engg. Deptt, UET Taxila	07 Feb 2022	-	Dr. Intisar Ali Sajjad Associate Professor, EED, UET Taxila	0.5	Engr. Mehboob Riaz, mehboob.riaz@uettaxila.edu.pk EED, UET Taxila 0302-7259033 Off: 051-9047311
2	Sensor Interfacing and Internet of Things with ESP32	Hands on	Electrical Engg. Deptt, UET Taxila	28 Feb 2022	-	Engr. Hammad Haider Engr. Shuja Irfan	01	Engr. Shuja Irfan, shuja.irfan@uettaxila.edu.pk EED, UET Taxila Cell: 0334-0504014 Off: 051-9047536
3	Outcome based System of Education & Accreditation – Implementation Perspective	(C) Lecture	Electrical Engg. Deptt, UET Taxila	08 March 2022	-	Engr. Prof. Dr. Gulistan Raja, UET Taxila	0.5	Dr. Ahsan Ali Associate Professor, EED, UET Taxila ahsan.ali@uettaxila.edu.pk Cell: 0333-4697993 Off: 051-9047539
4	01 Day Workshop on Introduction to PLC Programming	Hands on	Electrical Engg. Deptt, UET Taxila	21 March 2022	-	Dr. Inam ul Hassan Shaikh, Asstt. Prof. (Lead) Dr. Ahsan Ali, Engr. Hammad Haider	01	Engr. Mehboob Riaz, mehboob.riaz@uettaxila.edu.pk EED, UET Taxila Cell: 0302-7259033 Off: 051-9047311

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					Electrical Engineering Department			
5	Power Theories in Electrical Engineering	(C) Lecture	Electrical Engg. Deptt, UET Taxila	30 May 2022	-	Dr. Ahsan Ali Associate Professor, EED, UET Taxila	0.5	Dr. Ahsan Ali Associate Professor, EED, UET Taxila ahsan.ali@uettaxila.edu.pk Off: 051-9047539
6	Generation Expansion Planning Using Evolutionary Algorithms	(C) Lecture	Electrical Engg. Deptt, UET Taxila	22 Aug 2022	-	Dr. Mansoor Ashraf Lecturer, EED, UET Taxila	0.5	Dr. Mansoor Ashraf Lecturer, EED, UET Taxila mansoor.ashraf@uettaxila.edu.pk 0333-6243009 Off: 051-9047540
7	01 Day Workshop Power System Simulator for Engineers (PSS/E)	Hands on	Electrical Engg. Deptt, UET Taxila	19 Sept 2022	-	Dr. Faisal Nadeem	01	Dr. Faisal Nadeem Assoc. Prof., EED, UET Taxila faisal.nadeem@uettaxila.edu.pk 0334-5342599 Off: 051-9047558
8	Microgrids and their initiatives around the world	(C) Lecture	Electrical Engg. Deptt, UET Taxila	17 Oct 2022	-	Dr. Munira Batool Asstt. Prof., EED, Taxila	0.5	Dr. Munira Batool mehboob.riaz@uettaxila.edu.pk EED, UET, Taxila Cell: 0301-5288378 Off: 051-9047560

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	Computer Engineering Department							
1	Introduction to server virtualization	Workshop	CPED UET Taxila	07 Jan 2022	X-flow Research Inc.	Miss Maheen Ayub Vine	1.0	Dr. Muhammad Asif Khan, masif.khan@uettaxila.edu.pk 0336-6333553
2	Recent Trends in Imaging coding	Seminar	CPED UET Taxila	14 March 2022	UET Taxila	Dr. Muhammad Majid	1.0	--- as above ---
3	Optical wireless communication using Optisystem	Workshop	CPED UET Taxila	25 April 2022	UET Taxila	Dr. Farhan Qamar	1.0	--- as above ---
4	Computer vision in robotics: Trends, applications and opportunities	Seminar	CPED UET Taxila	17 Oct 2022	UET Taxila	Dr. Haroon Yousaf	1.0	--- as above ---

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					Industrial Engineering Department			
1	Human Machine Systems	Lecture	Conference Room, IED, UET, Taxila	16th March, 2022	N.A.	Dr. Zaheer Ahmed Dr. Zahid Rashid	0.5	Dr. Muhammad Khurram Ali, khurram.ali@uettaxila.edu.pk, 0321-5101561
2	An Insight into Rapid Prototyping Machines	Lecture	Conference Room, IED, UET, Taxila	24th August, 2022	N.A.	Dr. Salman Hussain, Dr. Wasim Ahmad	0.5	Dr. Muhammad Khurram Ali, khurram.ali@uettaxila.edu.pk, 0321-5101561
3	Digital Twins and Data Analytics in Manufacturing Industries	Lecture	Conference Room, IED, UET, Taxila	19th October, 2022	N.A.	Dr. Khurram Ali, Dr. Saif Ullah	0.5	Dr. Muhammad Khurram Ali, khurram.ali@uettaxila.edu.pk, 0321-5101561
4	Stress Management	Lecture	Conference Room, IED, UET, Taxila	14th, December, 2022	N.A.	Prof. Dr. Mirza Jahanzaib, Dr. Muhammad Sajid	0.5	Dr. Muhammad Khurram Ali, khurram.ali@uettaxila.edu.pk, 0321-5101561

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				Mechanical Engineering Department				
1	Role of Modern Tribology in Improving the Fuel Efficiency	Lecture	MED UET Taxila	10 March 2022	-	Dr. Mubashir Gulzar	0.5	Waqas Asghar waqas.asghar@uettaxila.edu.pk 051-9047 669
2	Development and Characterization of Multi-Network Hydrogels for Building Cooling Applications	Lecture	MED UET Taxila	15 April 2022	-	Prof. Dr. Ali Nasir	0.5	Waqas Asghar waqas.asghar@uettaxila.edu.pk 051-9047 669
3	Role of Computational Fluid Dynamics in addressing Fluid Structure Interaction Systems.	Lecture	MED UET Taxila	17 June 2022	-	Dr. Muhammad Shehryar Manzoor	0.5	Waqas Asghar waqas.asghar@uettaxila.edu.pk 051-9047 669
4	Introduction to TRNSYS for simulating solar heating/cooling systems	Lecture	MED UET Taxila	14 Aug 2022	-	Prof. Dr. Muzaffar Ali/ Dr Abdul Waheed Badar	0.5	Waqas Asghar waqas.asghar@uettaxila.edu.pk 051-9047 669

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	Electronics Engineering Department							
1	Introduction to FPGAs and Verilog HDL Programming – Hands-on	Workshop	UET Taxila	26 or 27 July 2022	---	Dr. Syed Azhar Ali Zaidi	1	Engr. M Faraz Muhammad.faraz@uettaxila.edu.pk 0320-8823770
2	Design of Multicore Processor	Lecture	UET Taxila	5-Oct 2022	---	Prof. Dr. Yaseer Arafat Durrani	0.5	Engr. M Faraz Muhammad.faraz@uettaxila.edu.pk
3	Research Article Writing	Lecture	UET Taxila	2-March 2022	---	Dr. Muhammad Imran	0.5	Engr. Muhammad Faraz Muhammad.faraz@uettaxila.edu.pk

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				Software Engineering Department				
1	Technological advances in AI for Smart Healthcare	Seminar	Taxila	Jan 2022	-	Dr. Syed Muhammad Anwar	0.5	Syed M Anwar s.anwar@uettaxila.edu.pk, 0300-5044036
2	Workshop on Speech Deepfakes Detection	Workshop	Taxila	29 Aug 2022	-	Dr Ali Javed	0.5	Dr. Ali Javed, ali.javed@uettaxila.edu.pk, 0334-5174516
3	Advance Web Development for Engineers and Researchers	Seminar	Taxila	24 Jan 2022	-	Engr. Tasawer Khan	0.5	Tasawer khan tasawer.khan@uettaxila.edu.pk 0304-5313517
4	Machine Learning Advancement	Seminar	Taxila	11 Sept 2022	-	Dr. Hassan Dawood	0.5	Hassan Dawood Hassan.dawood@uettaxila.edu.pk, 0321-5128577

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					Civil Engineering Department			
1	BIM in Rail Design	Seminar	UET Taxila	23rd Feb-2022	UET Taxila	Jawaid Malik	0.5	Dr Afaq Ahmad Afaq.ahmad@uettaxila.edu.pk 0345-5891475
2	Structural Health Monitoring through Image Processing	Seminar	UET Taxila	22nd Dec-2022	UET Taxila	Dr Afaq Ahmad	0.5	Dr Afaq Ahmad Afaq.ahmad@uettaxila.edu.pk 0345-5891475

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