

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
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	16 th 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	19 th 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	14 th , 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	23 rd 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	22 nd 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.**