

CPD ACTIVITIES CALENDAR FOR YEAR 2024

PEB Name:		University of Engineering & Technology, Taxila						
PEB Reg. #:		PEB-P-UETTXXL-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)
Civil Engineering Department								
1.	3rd International Conference On Advances In Civil And Environmental Engineering (ICACEE-2024)	'c-3' and 'd-3'	UET Taxila	21 st - 22 nd February 2024	HEC, PHEC	<ul style="list-style-type: none"> • Dr. Yoshiaki Okui • Dr. George Wardeh • Dr. Takuya Inoue • Dr. Mohamed Hechmi El Ouni • Dr. Wei Sun 	0.5 (Participants) 1.5 (authors who submit papers)	Dr. Ghufraan Ahmed Pasha ghufraan.ahmed@uettaxila.edu.pk 051-9047648 0333-5532030
2.	Fire Response of RCC	Seminar	CED, UET	March	UET Taxila	Dr. Fiaz Tahir	0.5	Engr. Kashif Riaz Kashif.riaz@uettaxila.edu.pk 03325020347
3.	Lecture on Contracts, FIDIC	Seminar	CED, UET	January	UET Taxila	Engr. Ahmed Rehan	0.5	Engr. Kashif Riaz Kashif.riaz@uettaxila.edu.pk 03325020347
4.	Project management, its challenges and importance in field of engineering	Seminar	CED, UET	April	UET Taxila	Engr. Yasir Pervaiz	0.5	Engr. Kashif Riaz Kashif.riaz@uettaxila.edu.pk 03325020347

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Computer Engineering Department								
1	Art of Cyber Defense Ethical Hacking and Security Strategies	Seminar	CPED UET Taxila	13-05-2024	Air University Islamabad	Muhammad Ayaz Khan	0.5	Dr. Muhammad Asif Khan, masif.khan@uettaxila.edu.pk 0336-6333553
2	Recent Trends in Cyber Security	Seminar	CPED UET Taxila	24-06-2024	KRL	Dr. Nasir Mehmood	0.5	--- as above ---
3	Optical wireless communication using Opti system	Seminar	CPED UET Taxila	07-10-2024	UET Taxila	Dr. Farhan Qamar	0.5	--- as above ---
4	Introduction to Blockchain Technology: Road to backend/frontend Developer	Seminar	CPED UET Taxila	25-12-2024	NUML Islamabad	Ms. Zainab Malik	0.5	--- as above ---

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Electrical Engineering Department								
1.	One day workshop Outcome based Education & its Implementation	(W) Workshop	Electrical Engg. Deptt, UET Taxila	6 th March 2024	-	Engr. Prof. Dr. Gulistan Raja, UET Taxila	1	Dr. Ahsan Ali Associate Professor, EED, UET Taxila ahsan.ali@uettaxila.edu.pk Cell: 0333-4697993 Off: 051-9047539
2.	Power Theories in Electrical Engineering	(C) Lecture		10 th May 2024	-	Ahsan Ali Associate Professor, EED, UET Taxila ahsan.ali@uettaxila.edu.pk Off: 051-9047539	0.5	Dr. Ahsan Ali Associate Professor, EED, UET Taxila ahsan.ali@uettaxila.edu.pk Off: 051-9047539
3.	Role of Disaggregation in Energy Management	(C) Lecture		28 th May 2024	-	Dr. Intisar Ali Sajjad	0.5	Engr. Mehboob Riaz, mehboob.riaz@uettaxila.edu.pk EED, UET Taxila Cell: 0302-7259033 Off: 051-9047311
4.	Teaching Methodologies	(C) Lecture		2 nd Sept 2024	-	Junaid Mir	0.5	Engr. Israr Ahmad, israr.ahmed@uettaxila.edu.pk EED, UET Taxila Cell: 0320-2440254 Off: 051-9047311

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Energy Engineering Department								
1	Pervaporation: Sustainable Separation Technology	Seminar	Department of Energy Engineering	20-08-2024	----	Dr. Muddassir Ali	0.5	Dr. Muddassir Ali 051-9047-678 muddassir.ali@uettaxila.edu.pk
2	Solar HVAC: Systems Design, Selection and Modern Tools	Seminar	Department of Energy Engineering	20-10-2024	----	Prof. Dr. Muzaffar Ali	0.5	Dr. Muddassir Ali 051-9047-678 muddassir.ali@uettaxila.edu.pk
3	Prospects of Floating Photovoltaics and Hydroelectric Hybrid Power Generation in Pakistan	Seminar	Department of Energy Engineering	20-11-2024	-----	Dr. Javed Akther	0.5	Dr. Muddassir Ali 051-9047-678 muddassir.ali@uettaxila.edu.pk

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Environmental Engineering Department								
1.	Climate Change, Control and Green Industrial Revolution"	C – Lecture	UET Taxila	14-03-2024	N/A	1. Aftab Alam Khan CEO Resilient Future International Pvt Ltd (RFI) 2. Engr. Babar Abbas Lecturer, Department of Environmental Engineering, UET, Taxila	1.0	Dr. Faisal Shabbir Chairman Faisal.shabbir@uettaxila.edu.pk +92 331 8164351 Dr. Sadia Nasreen Sadia.nasreen@uettaxila.edu.pk

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Mechanical Engineering Department								
1.	Integration of Solar Passive and Active Air Conditioning Technologies	Lecture	MED UET Taxila	06-02-2024	-	Prof. Dr. Muzaffar Ali	0.5	Dr. Amar Ul Hassan Khawaja amar.hassan@uettaxila.edu.pk +923335861813
2.	Professional Ethics and Team-Work Qualities	Lecture	MED UET Taxila	03-04-2024	-	Prof. Dr. Riffat Asim Pasha	0.5	Dr. Amar Ul Hassan Khawaja amar.hassan@uettaxila.edu.pk +923335861813
3.	Design and Analysis of Steel Structures	Workshop	MED UET Taxila	24-07-2024	POFs	Dr. Aijaz Bashir Janjua	1	Dr. Amar Ul Hassan Khawaja amar.hassan@uettaxila.edu.pk +923335861813
4.	Latest Trends in 3D Printed Composite Materials	Workshop	MED UET Taxila	09-10-2024	-	Prof. Dr. Muhammad Ali Nasir	1	Dr. Amar Ul Hassan Khawaja amar.hassan@uettaxila.edu.pk +923335861813

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Industrial Engineering Department								
1	Digital Twins based Intelligent Supply Chain of Hospitals	Lecture	Conference Room, IED, UET, Taxi	17 Jan, 2024	N.A.	Dr. Saifullah, Dr. Aisha Tayyib	0.5	Dr. Muhammad Khurram Ali, khurram.ali@uettaxila.edu.pk , 0321-5101561
2	Resource Constraint Intelligent Planning of Hospitals	Lecture		14, Feb., 2024	N.A.	Dr. Saifullah, Dr. Aisha Tayyib	0.5	
3	Resource Planning and Scheduling in Hospitals using Digital Twins Concept	Lecture		6, March, 2024	N.A.	Dr. Saifullah, Dr. Muhammad Khurram Ali	0.5	
4	IOT based Production Scheduling System for Smart Manufacturing	Lecture		24, April, 2024	N.A.	Dr. Salman Hussain, Dr. Wasim Ahmad	0.5	
5	Welding Digitization for Industry 4.0	Lecture		15, May, 2024	N.A.	Dr. Salman Hussain, Dr. Wasim Ahmad	0.5	
6	Hospital Management using Theory of Constraints	Lecture		26, June, 2024	N.A.	Dr. Saifullah/ Dr. Muhammad Khurram Ali	0.5	
7	Rapid Prototyping and Tooling Technology for Rapid Tooling Development	Lecture		18, Sept, 2024	N.A.	Dr. Muhammad Sajid	0.5	
8	IOT for Manufacturing Sector	Lecture		13, Nov, 2024	N.A.	Dr. Salman Hussain, Dr. Wasim Ahmad	0.5	

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Software Engineering Department								
1.	Deep Neural Networks	Seminar	Software Engineering Department	16-02-2024	NIL	Dr. Hassan Dawood	0.5	Dr. Hassan Dawood, hassan.dawood@uettaxila.edu.pk , 0321-5128577
2.	Multimedia Forensics Analysis to combat disinformation in Cyberspace	Seminar	Software Engineering Department	10-10-2024	NIL	Dr. Ali Javed	0.5	Dr. Ali Javed, ali.javed@uettaxila.edu.pk , 03345174516
3.	Workshop on Data Mining using open-source software	Workshop	Software Engineering Department	24-01-2024	NIL	Dr. Huma Qayyum	0.5	Dr. Huma Qayyum, huma.avub@uettaxila.edu.pk , 03335344575
4.	Workshop on ChatGPT and Large Language Models	Seminar	Software Engineering Department	16-10-2024	NIL	Dr. Kanwal Yousaf	0.5	Dr. Kanwal Sousaf, kanwal.yousaf@uettaxila.edu.pk , 03365457714

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Electronics Engineering Department												
1.	Predictive Maintenance for Industry 4.0	Lecture	UET Taxila	06-Feb-2024	---	Dr. M Faraz	0.5	Dr. M Faraz				<u>Muhammad.faraz@uettaxila.edu.pk</u> 0333-1969804
2.	Identification of Pulmonary Disease from Adventitious Lungs Sounds	Lecture	UET Taxila	18-Sept-2024	---	Dr. Zohaib Hassan Naqvi	0.5					
3.	Introduction and Applications of PLC's	Lecture	UET Taxila	7-Nov-2023	---	Dr. Adil Usman	0.5					

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