

## CPD ACTIVITIES CALENDAR FOR YEAR 2024

<b>PEB Name:</b>	University of Engineering & Technology, Taxila						
<b>PEB Reg. #:</b>	<b>PEB-P-UETTAXL-0032</b>						
<b>Name of PEB Coordinator:</b>	<b>Prof. Dr. Naveed Ahmad</b>						
Sr. No	CPD Title	CPD Category-type	Location*	Dates	Collaboration	Resource Person (Person delivering the lecture/seminar/ workshop)	CPD Credit/ Points
<b>Civil Engineering Department</b>							
1.	3rd International Conference On Advances In Civil And Environmental Engineering (ICACEE-2024)	'c-3' and 'd-3'	UET Taxila	21 <sup>st</sup> - 22 <sup>nd</sup> February 2024	HEC, PHEC	<ul style="list-style-type: none"> <li>• Dr. Yoshiaki Okui</li> <li>• Dr. George Wardeh</li> <li>• Dr. Takuya Inoue</li> <li>• Dr. Mohamed Hachmi El Ouni</li> <li>• Dr. Wei Sun</li> </ul>	0.5 (Participants) 1.5 (authors who submit papers)
2.	Fire Response of RCC	Seminar	CED, UET	March	UET Taxila	Dr. Fiaz Tahir	0.5
3.	Lecture on Contracts, FDIC	Seminar	CED, UET	January	UET Taxila	Engr. Ahmed Rehan	0.5
4.	Project management, its challenges and importance in field of engineering	Seminar	CED, UET	April	UET Taxila	Engr. Yasir Pervaiz	0.5

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<b>Computer Engineering Department</b>						
1	Art of Cyber Defense Ethical Hacking and Security Strategies	Seminar	CPED UET Taxila	13-05-2024	Air University Islamabad	Muhammad Ayaz Khan 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	24-06-2024	KRL	Dr. Nasir Mahmood --- as above ---
3	Optical wireless communication using Opti system	Seminar	CPED UET Taxila	07-10-2024	UET Taxila	Dr. Farhan Qamar --- as above ---
4	Introduction to Blockchain Technology: Road backend/frontend Developer	Seminar	CPED UET Taxila	25-12-2024	NUML Islamabad	Ms. Zainab Malik --- as above ---

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

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Sr. No	CPD Title	CPD Category-type	Location	Dates	Collaboration
<b>Energy Engineering Department</b>					
1	Pervaporation: Sustainable Separation Technology	Seminar	Department of Energy Engineering	20-08-2024	----
2	Solar HVAC: Systems Design, Selection and Modern Tools	Seminar	Department of Energy Engineering	20-10-2024	----
3	Prospects of Floating Photovoltaics and Hydroelectric Power Generation in Pakistan	Hybrid 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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<b>Environmental Engineering Department</b>						
1.	Climate Change, Control and Green Industrial Revolution”	C – Lecture	UET Taxila	14-03-2024	N/A	<p>1. Aftab Alam Khan CEO Resilient Future International Pvt Ltd (RFI)</p> <p>2. Engr. Babar Abbas Lecturer, Department of Environmental Engineering, UET, Taxila</p>
						<p>Dr. Faisal Shabbir Chairman Faisal.shabbir@uettaxila.edu.pk +92 331 8164351</p> <p>Dr. Sadia Nasreen Sadia.nasreen@uettaxila.edu.pk</p>

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<b>Mechanical Engineering Department</b>						
1.	Integration of Solar Passive and Active Air Conditioning Technologies	Lecture	MED UET Taxila	06-02-2024	-	Prof. Dr. Muzaffar Ali 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 amar.hassan@uettaxila.edu.pk +923335861813
3.	Design and Analysis of Steel Structures	Workshop	MED UET Taxila	24-07-2024	POFs	Dr. Ajiaz Bashir Janjua 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 amar.hassan@uettaxila.edu.pk +923335861813

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<b>Industrial Engineering Department</b>							
1	Digital Twins based Intelligent Supply Chain of Hospitals	Lecture		17 Jan, 2024	N.A.	Dr. Saifullah, Dr. Aisha Tayyib	0.5
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 Concept	Lecture	Conference Room, IED, UET, Taxi	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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<b>Software Engineering Department</b>					
1.	Deep Neural Networks	Seminar	Software Engineering Department	16-02-2024	NIL Dr. Hassan Dawood
2.	Multimedia Forensics Analysis to combat disinformation in Cyberspace	Seminar	Software Engineering Department	10-10-2024	NIL Dr. Ali Javed
3.	Workshop on Data Mining using open-source software	Workshop	Software Engineering Department	24-01-2024	NIL Dr. Huma Qayyum
4.	Workshop on ChatGPT and Large Language Models	Seminar	Software Engineering Department	16-10-2024	NIL Dr. Kanwal Yousaf
Sr. No	CPD Title	CPD Category-type	Location	Dates	Collaboration Resource Person (Person delivering the lecture/seminar/ workshop)
<b>Software Engineering Department</b>					
1.	Deep Neural Networks	Seminar	Software Engineering Department	16-02-2024	NIL Dr. Hassan Dawood, <a href="mailto:hassan.dawood@uettaxila.edu.pk">hassan.dawood@uettaxila.edu.pk</a> , 0321-5128577
2.	Multimedia Forensics Analysis to combat disinformation in Cyberspace	Seminar	Software Engineering Department	10-10-2024	NIL Dr. Ali Javed, <a href="mailto:ali.javed@uettaxila.edu.pk">ali.javed@uettaxila.edu.pk</a> , 03345174516
3.	Workshop on Data Mining using open-source software	Workshop	Software Engineering Department	24-01-2024	NIL Dr. Huma Qayyum, <a href="mailto:huma.ayub@uettaxila.edu.pk">huma.ayub@uettaxila.edu.pk</a> , 03335344575
4.	Workshop on ChatGPT and Large Language Models	Seminar	Software Engineering Department	16-10-2024	NIL Dr. Kanwal Yousaf, <a href="mailto:kanwal.yousaf@uettaxila.edu.pk">kanwal.yousaf@uettaxila.edu.pk</a> , 03365457714

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

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