

Tech for Tomorrow - For Girls and Underprivileged					
17th -19th OCTOBER 2024					
OPENING CEREMONY					
Thursday 17th October 2024 Duration [10:00 – 12:10] Hrs.					
Venue: UCP Auditorium, Lahore, Pakistan					
Time	Activity				
[10:00 – 10:03]	Recitation of Holy Quran				
[10:03 – 10:05]	National Anthem				
[10:05 – 10:07]	Video of UCP -Events				
[10:07 – 10:15]	Welcome Note by:				
	Dr. Amjad Iqbal				
	Dean , FoIT UCP Lahore				
[10:15 – 10:25]	Opening Address by Chair IEEE Lahore Section				
	Mr. Shazeb Rathore				
[10:25-10:35]	Event Report by Project Lead (Dr. Syed Tanweer Shah Bukhari)				
[10:35 – 11:10]	Keynote-I : Learning from Data				
	Prof. Dr. Andrew Ware				
	Professor				
	University of South Wales, UK				
[11:10 – 11:45]	Keynote-II - Robotics on the RISE				
	Prof. Dr. Yasar Ayaz				
	Chairman and Central Project Director				
	National Center of Artificial Intelligence (NCAI)				
[11:45 – 12:00]	Presentation of Souvenirs				
[12:10]	Group photo				
Tea Break					
30 min					
DAY 1 (17th OCTOBER 2024)					
Kids Only Session		Girls Only Session		General Participants	
Session-1	Venue: UCP - Webinar Room - C Building. (Resource Person: Hafiza Maria Kiran (UCP)	Session-2	Venue: UCP - Conference Hall, A Building, 1st Floor (Resource Person: Wishal Arshad (UCP)	Session-3	Venue: UCP - EEL-201 Lab
[12:40-14:40]	Workshop: Remote Sensing ABC for Kids	[12:40-13:10]	Environmental Data Science	[12:40-13:20]	Talk: The Rise of Things that can Think - Internets of Intelligent
	Dr. Adnan Siddique (ITU), Mr. Ehtisham Naseer (ITU) and Ms. Maleeha Sattar (ITU)		Prof. Dr. Saman Shahid, Fast NU Lahore		Dr. Stefan Poslad (Queen Mary University of London)
		[13:10-14:40]	Robotics Workshop	[13:20-14:40]	Workshop: Internet of Things (IoT) - A Hands-on Workshop
			Dr. Khawaja Fahad (NUST)		Dr. Stefan Poslad (Queen Mary University of London), Dr. Fesal Toosy (UCP Lahore), Mr. Jalil Asghar Mirza (UCP)
Lunch and Namaz Break [14:40 - 15:10]					
Kids Only Session		Girls Only Session		General Participants	
Session-4	Venue: UCP - Webinar Room (Resource Person: Ms. Maham Noor (UCP))	Session-5	Venue: UCP - EEL-202 Lab	Session-6	Venue: UCP - CEL-101, A Building
[15:10-17:00]	EV3 Lego Programming - Module I	[15:10-17:00]	Arduino Workshop	[15:10-17:00]	Programming Educational Robot in Webots using Python (Obstacle Avoidance)
	Ms Ifra Ayesha (UCP), Mr. Kamran Shabbir (UCP)		Ms. Rabia Arshad (UCP), Mr. Jawad Khalid		Dr. Syed Tanweer Shah Bukhari (UCP Lahore)
Closing Remarks Day 1					
DAY 2 (18th OCTOBER 2024)					
Kids Only Session		Girls Only Session		General Participants	
Session-7	Venue: UCP - CCL-404, C Building	Session-8	Venue: UCP - Conference Hall -A Building, 1st Floor	Session-9	Venue: UCP -Board Room -A Building, 1st Floor
[09:30-12:30]	EV3 Lego Programming - Module II	[09:30-12:30]	Workshop: ABC Remote Sensing for Girls	[09:30-12:30]	Programming Humanoid Robot (myBuddy280) - Module I
Hrs	Ms Ifra Ayesha (UCP), Mr. Kamran Shabbir (UCP)		Dr. Adnan Siddique (ITU), Mr. Ehtisham Naseer (ITU) and Ms. Maleeha Sattar (ITU)		Dr. Syed Tanweer Shah Bukhari (UCP Lahore), Hassan Jahangir (UCP Lahore), Mr. Rizwan Naqvi (Safe City)
Lunch and Jumma Break [12:30 - 2:30]					
Closing Remarks Day 2					

DAY 3 (19th OCTOBER 2024)						
Session-7	Venue: UCP - CL202 Computer Lab, A Building		Session-8	Venue: UCP -Board Room -A Building, 1st Floor		
Kids Only Session			Girls Only Session			
[09:30-11:30]	EV3 Lego Programming - Module III		[09:30-11:30]	Workshop: AR/VR Workshop		
	Ms Ifra Ayesha (UCP), Mr. Kamran Shabbir			Dr. Waqar (NCAI-PU) and Ms. Ramsha Gul (NCAI-PU)		
11:30-13:00	Workshop: AR/VR Workshop		11:30-12:10	Changing Landscape of Cyber Security Due to Generative AI		
	Dr. Waqar (NCAI-PU) and Ms. Ramsha Gul (NCAI-PU)			Ms. Asma Basharat FCCU, Lahore		
Lunch and Namaz Break [13:00 - 13:45]						
Session-10	Venue: UCP - Conference Hall -A Building, 1st Floor		Session-11	Venue: UCP -Board Room -A Building, 1st Floor		
[13:45-15:20]	Programming Humanoid Robot (myBuddy280) -Using Scratch		[13:45-14:15]	Robotics and Sensing in Smart Agriculture - An ABC		
				Dr Yasir Niaz Khan (Punjab Safe Cities Authority (PSCA))		
		Hassan Jahangir (UCP)		[14:15-15:20]	Programming Educational Robot in Webots using Python (Obstacle Avoidance)	
					Dr. Syed Tanweer Shah Bukhari (UCP Lahore)	
Venue: UCP Auditorium						
[15:35-16:10]	Keynote-IV - AI as a Catalyst for Change: Empowering Underprivileged Females in Pakistan Through Technology					
	Dr. Arfan Jaffar (Superior University, Lahore)					
[16:10-16:45]	Keynote-V - Future of AI in Oncology: What we need to know					
	Dr. Amjad Zafar (Allama Iqbal Medical College, Lahore)					
TFT Closing Ceremony						