





2019 Conference and Exhibition

# RESEARCH CONFERENCE AGENDA

Lahore: 1st-2nd November, 2019

**Venue:** UMT Lahore Campus











Registration - Seminar Hall	8.00AM-9:00 AM
Opening Ceremony - Exective Hall (PC Hotel)	9:00AM – 10:30AM

#### Academic Sessions (I) UMT - Day 1

#### 1st November, 2019

Saa:a	n I Intornat	of Things		Cassian	II Maahina	Loovning				~ .	
	n I - Internet	t of 1 nings		Session II - Machine Learning				10 0 0 0 0	on III- Dat	a Science	
Invited Speaker:	Dr. Ashiq Anj	um		Invited Speaker: Dr. Ashiq Anjum				Invited Speaker:	Dr. Adreas l	Koop	
Venue: UMT Campus Lahore				Venue: UM	AT Campus Lah	ore		Venue: UMT Campus Lahore			
Chair: Dr. Shoaib Farooq			Chair: Dr.	. Malik Tahir Ha	assan		Chair:	Dr. Adnan A	Abid		
Co-Chair:	o-Chair: Dr. Ghulam Mustafa			Co-Chair: Dr	. Sajid Mahmoo	d		Co-Chair:	Dr. Muzam	mil Hussain	
Facilitator:	acilitator: Mr. Raja Azhar Tazeeb				r. Ali Haider			Facilitator:	Mr. Nuama	n Khalil	
Systematic Literature Revie Network Analysis	ew on Social	Dr. Malik Tahir Hasssan	11:00 to 11:25	Personal Medical Record – from worldwide usage	ı limited to	Dr. Ghulam Mustafa	11:00 to 11:25	Personal Medical Record – 1 worldwide usage	from limited to	Dr. Adreas Koop	11:00 to 11:25
A Review of Gamification f Programming Fundamental	C	Mahwish Shahid	11:30 to 11:45	Review article on Infrastructure Electric Power System and Pote the Implementation of Smart Gr	ntial barriers for	Fahad Ali	11:30 to 11:45	Effects of Semantic Gaps on Arabic WordNet-Based Similarity Measures		Mamoun Abu Helou	11:30 to 11:45
Classification of Human Fa Non-Asian People	ce: Asian and	Talha Imtiaz Baig	11:45 to 12:00	Requirement prioritization throu Development Methodology	ıgh Agile	Muhammad Mustansar Ali Khan  Muhammad Mustansar Ali Khan  Conceptualising Green Awareness as Moderator in Technology Acceptance Model for Green IS/IT		Sultana Ashiq	11:45 to 12:00		
BigData Analysis of Stack ( Energy Consumption of An		Saif R K	12:00 to 12:15	Comparative study of permissioned blockchain solutions for enterprises  Rana M. Nadir  12:00 to 12:15  Constructive Alignment: Investigating Student's Use of Mobile Technologies in University Classrooms		Emmen Farooq	12:00 to 12:15				
Analysis on RNN & CNN a implementation with FPGA		Mahreen Zainab	12:15 to 12:30	Wsn operating systems for internesurvey	et of things (iot): a	Adeel Yaqoob	12:15 to 12:30	An IoT Enabled Framework Buildings Empowered with Infrastructures		Hira Fayyaz	12:15 to 12:30









				Jumma Praye	er and Lunch Brea	ak (12:30 to	14:30)					
	Academic Sessions (II) UMT - Day 1											
Sessi	on I - Cloud C	Computing		Sessi	ion II - Artificial I	ntelligence		Session III- Bio-informatics				
Invited Speaker:	Invited Speaker: Dr. Ashiq Anjum				Dr. Ashiq Anjum			Invited Speaker:	Dr. Adreas l	Koop		
Venue:	UMT Campu	s Lahore		Venue:	UMT Campus Lah	ore		Venue:	UMT Camp	ous Lahore		
Chair:	Dr. Shoaib Fa	arooq		Chair:	Dr. Malik Tahir H	assan		Chair:	Dr. Adnan	Abid		
Co-Chair:	Dr. Ghulam I	Mustafa		Co-Chair:	Dr. Sajid Mahmoo	od		Co-Chair:	Dr. Muzam	mil Hussain		
Facilitator:	Mr. Raja Azh	ar Tazeeb		Facilitator:	Facilitator: Mr. Ali Haider				Mr. Nuama	n Khalil		
A Review of Gamification Programming Fundamenta	υ	1 14:30 to 14:55		Dr. Sheeraz Naseem	14:30 to 14:55	Unsupervised Stance Detection		Dr. Kareem Darwish	14:30 to 14:55			
Fuzzy-Based Model to Evi Parameters for Smart City	•	Muhammad Waqas Nadeem	15:00 to 15:15	Cognitive Learning in Outo A Case Study of Bachelor of Engineering		Afifa Yasmeen	15:00 to 15:15	Reverse Aging based on Fausing Inpainting of Facial V	3	Muhammad Ali Farooq Baig	15:00 to 15:15	
Net Load Forecasting of S Integrated Power Systems		Ali Raza Kalair	15:15 to 15:30	Age and Gender prediction Convolutional Neural Netv		Insha Rafique	15:15 to 15:30	Detection and Classification Type based on Deep Seman Faster R-CNN		Saleet Ul Hassan	15:15 to 15:30	
Energy Harvesting through	h Floor Tiles	Syed Umaid Ahmed	15:30 to 15:45	Systematic Literature Revi Analysis	ew on Social Network	Haris Khalid	15:30 to 15:45	Impact of Social Media on Academic Performance & C A Study of Public Sector Un Punjab	Generation Gap	Kashif Ishaq	15:30 to 15:45	
Representation of Words C Recurrent Convolutional A Architecture for Sentiment	Attention	Fazeel Abid	15:45 to 16:00	Static Handwritten Signatu Convolution Neural Netwo		Tanzeel Sultan Rana	15:45 to 16:00	An Android based ERP Sys Bus Route Management	tem for Karach	Ghulam Muhammad	15:45 to 16:00	









					Tea Break (16:00 to	16:30)						
				Acade	emic Sessions (III)	UMT - Da	y 1					
Sessio	on I - Software	Engineerin	ıg	S	Session II - Green C	omputing		Session III- Computational Applications				
Invited Speaker: Dr. Ashiq Anjum				Invited Speaker:	Dr. Ashiq Anjum			Invited Speaker: Dr. Adreas Koop				
Venue:	UMT Campus	s Lahore		Venue:	<b>UMT Campus Lah</b>	iore		Venue: UMT Campus Lahore				
Chair:	Dr. Shoaib Fa	rooq		Chair:	Dr. Malik Tahir H	assan		Chair: Dr. Adnan Abid				
Co-Chair:	Dr. Ghulam N	Austafa		Co-Chair:	Dr. Sajid Mahmoo	od		Co-Chair:	Dr. Muzam	mil Hussain		
Facilitator:	Mr. Raja Azh	ar Tazeeb		Facilitator: Mr. Ali Haider				Facilitator: Mr. Nuaman Khalil				
Comparative study of pe blockchain solutions for		Dr. Tahir Mushtaq	16:30 to 16:55	Age and Gender predicts Convolutional Neural N	· .	Dr. Shuakat Iqbal	16:30 to 16:55	Intelligent Digital Twins: Artificial Intelligence and HPC meet Virtual Real to offer Real Time 3D Engineering Analytics		Dr. Ashiq Anjum	16:30 to 16:55	
An Enhanced Framewor in Pakistan	k for Rescue Service	Adil Peter	17:00 to 17:15	Autism identification an gesture pattern	d learning through motor	Insha Rafique	17:00 to 17:15	Net Load Forecasting of S Integrated Power Systems		Ali Raza Kalair	17:00 to 17:15	
A survey about efficient strategies in cloud and la environments		Hamid Hassan	17:15 to 17:30	Cognitive Learning thro Impact on the Oral Profi University ESL Learners	•	Nazish Banaras	17:15 to 17:30	An exposition on the applications of Locality Aware Scheduling algorithms		Waqar Hussain	17:15 to 17:30	
Pakistani Media Fake No using Machine Learning		Irfan Kareem	17:30 to 17:45	A Novel Time And Space Complexity Efficient Variant of Counting-Sort Algorithm		Asad Raza Usmani	17:30 to 17:45	An Overview A journey of WEB and Blockchain towards the Industry		Abdul Ghaffar Khan	17:30 to 17:45	
Quantification of Pakista responsiveness on Socia		Kinza Mehr Awan	17:45 to 18:00	DNA computing a surve	у	Amna Arshad	17:45 to 18:00	BigData Analysis of Stack Overflow for Energy Consumption of Android Framework		Saif R K	17:45 to 18:00	











Registration - Seminar Hall		8.00A	M- 9:00 AM		
Opening Ceremony - Exective Hall (PC Hotel)		9:00AN	Л – 10:30AM		

				To	ea Break (10:3	0 to 11:0 <u>0</u> )						
	2nd November, 2019											
		Acad	emic Sessior	ns (I) UMT - Day 2				Acad	demic Session (I)	PC - Day 2		
Sess	sion I - Internet	of Things		Session II - Machine Learning					Session I- Data Sc	ience		
Invited Speaker:	Invited Speaker: Dr. Malik Tahir Hasssan			Invited Speaker:	Dr. Ghulam Mu	stafa		Invited Speaker:	Dr. Adreas Koop			
Venue:	Venue: UMT Campus Lahore			Venue:	<b>UMT Campus I</b>	ahore		Venue:	PC Hotal (Board Ro	om E)		
Chair:	Chair: Dr. Shoaib Farooq		Chair:	Dr. Malik Tahir	Hassan		Chair:	Dr. Adnan Abid				
Co-Chair:	Co-Chair: Dr. Ghulam Mustafa			Co-Chair: Dr. Sajid Mahmood				Co-Chair:	Dr. Muzammil Hus	sain		
Facilitator:	Mr. Raja Azhai	r Tazeeb		Facilitator: Mr. Ali Haider			Facilitator:	Mr. Nuaman Khalil				
Systematic Literature Revi Network Analysis	ew on Social	Dr. Malik Tahir Hasssan	11:00 to 11:25	Personal Medical Record – worldwide usage	from limited to	Dr. Ghulam Mustafa	11:00 to 11:25	Personal Medical Record – worldwide usage	from limited to	Dr. Adreas Koop	11:00 to 11:25	
A Review of Gamification Programming Fundamenta	U	Mahwish Shahid	11:30 to 11:45	Review article on Infrastruc Korean Electric Power Syst barriers for the Implementat	em and Potential	Fahad Ali	11:30 to 11:45	Effects of Semantic Gaps o Similarity Measures	n Arabic WordNet-Based	Mamoun Abu Helou	11:30 to 11:45	
Classification of Human Fa Asian People	ace: Asian and Non-	Talha Imtiaz Baig	11:45 to 12:00	Requirement prioritization t Development Methodology		Muhammad Mustansar Ali Khan	11:45 to 12:00	Conceptualising Green Awa Technology Acceptance Mo		Sultana Ashiq	11:45 to 12:00	
BigData Analysis of Stack Consumption of Android F		Saif R K	12:00 to 12:15	Comparative study of permisolutions for enterprises	Comparative study of permissioned blockchain solutions for enterprises		12:00 to 12:15	Constructive Alignment: Investigating Student's Use of Mobile Technologies in University Classrooms		Emmen Farooq	12:00 to 12:15	
Analysis on RNN & CNN implementation with FPG		Mahreen Zainab	12:15 to 12:30	Wsn operating systems for i (iot): a survey	internet of things	Adeel Yaqoob		An IoT Enabled Framework for Smart Buildings Empowered with Cloud & Fog Infrastructures		Hira Fayyaz	12:15 to 12:30	









	Prayer and Lunch Break (12:30 to 14:00)												
		Acad	emic Session	ıs (II) UMT - Day 2				Ac	eademic Session (II)	PC - Day 2			
Sessi	ion I - Software l	Engineering		Session II - Artificial Intelligence				Session II- Cloud Computing					
Invited Speaker:	Dr. Adil Zia Kh	an		Invited Speaker:	Dr. Sheeraz Nas	eem		Invited Speaker:	Dr. Kareem Darwisl	h			
Venue:	Yenue: UMT Campus Lahore				UMT Campus I	Lahore		Venue:	PC Hotal (Board Ro	oom E)			
Chair:	Chair: Dr. Shoaib Farooq				Dr. Malik Tahir	Hassan		Chair:	Dr. Adnan Abid				
Co-Chair:	o-Chair: Dr. Ghulam Mustafa			Co-Chair:	Dr. Sajid Mahn	100d		Co-Chair:	Dr. Muzammil Hus	sain			
Facilitator:	Mr. Raja Azhai	r Tazeeb		Facilitator: Mr. Ali Haider			Facilitator:	Mr. Nuaman Khalil	l				
A Review of Gamificatio Programming Fundamen	U	Dr. Adil Zia Khan	14:00 to 14:25	Classification of Human Fa Asian People	ace: Asian and Non-	Dr. Sheeraz Naseem	14:00 to 14:25	Unsupervised Stance De	etection	Dr. Kareem Darwish	14:00 to 14:25		
Fuzzy-Based Model to E Parameters for Smart Cit	•	Muhammad Waqas Nadeem	14:30 to 14:45	Cognitive Learning in Outo Education: A Case Study o Science in Electrical Engin	f Bachelor of	Afifa Yasmeen	14:30 to 14:45	Reverse Aging based or Inpainting of Facial Wri	n Face Rejuvenation using inkles	Muhammad Ali Farooq Baig	14:30 to 14:45		
Net Load Forecasting of Power Systems	Solar/Wind Integrated	Ali Raza Kalair	14:45 to 15:00	Age and Gender prediction Convolutional Neural Netv		Insha Rafique	14:45 to 15:00	Detection and Classifica on Deep Semantic Feat	ation of Vehicles Type based ares of Faster R-CNN	Saleet Ul Hassan	14:45 to 15:00		
Energy Harvesting through	gh Floor Tiles	Syed Umaid Ahmed	15:00 to 15:15	Systematic Literature Revi Network Analysis	ew on Social	Haris Khalid	15:00 to 15:15	Impact of Social Media on Students' Academic Performance & Generation Gap: A Study of Public Sector University in Punjab		Kashif Ishaq	15:00 to 15:15		
Representation of Words Recurrent Convolutional Architecture for Sentime	Attention	Fazeel Abid	15:15 to 15:30	Static Handwritten Signatu Convolution Neural Netwo	_	Tanzeel Sultan Rana	15:15 to 15:30	An Android based ERP Route Management	System for Karachi Bus	Ghulam Muhammad	15:15 to 15:30		









			Tea Break (15:3	30 to 16:00)					
I	Acade	emic Sessions	s (III) UMT - Day 2	<u>I</u>	<u>I</u>	Acad	lemic Session (III)	PC - Day 2	
I - Image P	rocessing		Session II - BioInf	ormatics		Session III- Information Security			
Tahir Musht	aq		Invited Speaker: Dr. Shuakat Iqb	al		Invited Speaker:	Dr. Ashiq Anjum		
Venue: UMT Campus Lahore			Venue: UMT Campus I	Lahore		Venue:	PC Hotal (Board Ro	oom E)	
Chair: Dr. Shoaib Farooq			Chair: Dr. Malik Tahii	· Hassan		Chair:	Dr. Adnan Abid		
Co-Chair: Dr. Ghulam Mustafa			Co-Chair: Dr. Sajid Mahmood			Co-Chair:	Dr. Muzammil Hus	sain	
or: Mr. Raja Azhar Tazeeb Facilitator: Mr. Ali Haider					Facilitator:	Mr. Nuaman Khalil			
ned blockchain	Dr. Tahir Mushtaq	16:00 to 16:25	Age and Gender prediction using Deep Convolutional Neural Networks	Dr. Shuakat Iqbal	16:00 to 16:25	0 0		Dr. Ashiq Anjum	16:00 to 16:25
scue Service in	Adil Peter	16:30 to 16:45	Autism identification and learning through motor gesture pattern	Insha Rafique	16:30 to 16:45	Net Load Forecasting of S Power Systems	olar/Wind Integrated	Ali Raza Kalair	16:30 to 16:45
eduling e environments	Hamid Hassan	16:45 to 17:00	Cognitive Learning through Collaborative Tasks: Impact on the Oral Proficiency of Pakistani University ESL Learners	Nazish Banaras	16:45 to 17:00	An exposition on the appli Scheduling algorithms	cations of Locality Aware	Waqar Hussain	16:45 to 17:00
ssification ers	Irfan Kareem	17:00 to 17:15	A Novel Time And Space Complexity Efficient Variant of Counting-Sort Algorithm	Asad Raza Usmani	17:00 to 17:15	An Overview A journey of WEB and Blockchain towards the Industry		Abdul Ghaffar Khan	17:00 to 17:15
d's Twitter	Kinza Mehr Awan	17:15 to 17:30	DNA computing a survey	Amna Arshad	17:15 to 17:30		C.	Saif R K	17:15 to 17:30
Tilling S	Tahir Musht T Campus L Shoaib Faro Ghulam Mu Raja Azhar ed blockchain cue Service in duling environments sification rs 's	Fahir Mushtaq T Campus Lahore Shoaib Farooq Ghulam Mustafa Raja Azhar Tazeeb  ed blockchain Dr. Tahir Mushtaq cue Service ir Adil Peter duling environments sification Irfan Kareem 's Kinza Mehr	Fahir Mushtaq T Campus Lahore Shoaib Farooq Ghulam Mustafa Raja Azhar Tazeeb  ed blockchain Dr. Tahir Mushtaq  cue Service in Adil Peter 16:30 to 16:45  duling environments Hamid Hassan 16:45 to 17:00  sification Ts Kinza Mehr 17:15 to 17:30	Academic Sessions (III) UMT - Day 2  I - Image Processing Tahir Mushtaq Invited Speaker: Dr. Shuakat Iqh Venue: UMT Campus I Shoaib Farooq Chair: Dr. Malik Tahir Ghulam Mustafa Co-Chair: Dr. Sajid Mahn Raja Azhar Tazeeb Facilitator: Mr. Ali Haider  ed blockchain Dr. Tahir Mushtaq 16:00 to 16:25 Age and Gender prediction using Deep Convolutional Neural Networks  cue Service in Adil Peter 16:30 to 16:45 Autism identification and learning through motor gesture pattern  Cognitive Learning through Collaborative Tasks: Impact on the Oral Proficiency of Pakistani University ESL Learners  sification rs Irfan Kareem 17:00 to 17:15 A Novel Time And Space Complexity Efficient Variant of Counting-Sort Algorithm  's Kinza Mehr 17:15 to 17:30 DNA computing a survey	Session II - BioInformatics   Invited Speaker: Dr. Shuakat Iqbal	Academic Sessions (III) UMT - Day 2  I - Image Processing Session II - BioInformatics Invited Speaker: Dr. Shuakat Iqbal  Venue: UMT Campus Lahore  Shoaib Farooq Chair: Dr. Malik Tahir Hassan  Ghulam Mustafa Co-Chair: Dr. Sajid Mahmood  Raja Azhar Tazeeb Facilitator: Mr. Ali Haider  ed blockchain Dr. Tahir Mushtaq 16:00 to 16:25 Age and Gender prediction using Deep Convolutional Neural Networks  Liqbal Insha Rafique In	Academic Sessions (III) UMT - Day 2  Session II - BioInformatics Invited Speaker: Dr. Shuakat Iqbal Invited Speaker: Venue: UMT Campus Lahore Venue: Shoaib Farooq Chair: Dr. Malik Tahir Hassan Chair: Ghulam Mustafa Co-Chair: Dr. Sajid Mahmood Co-Chair: Pacilitator: Mr. Ali Haider  Facilitator:  Age and Gender prediction using Deep Convolutional Neural Networks  To Shoaib Faroup  To Shuakat Iqbal Invited Speaker: Venue:  Venue:  Venue:  Co-Chair: Dr. Sajid Mahmood Co-Chair: Facilitator:  Age and Gender prediction using Deep Convolutional Neural Networks  To Shuakat Iqbal Intelligent Digital Twins: HPC meet Virtual Reality Engineering Analytics  Autism identification and learning through motor gesture pattern  Adil Peter Insha Rafique I	Academic Sessions (III) UMT - Day 2  I Image Processing Fahir Mushtaq Invited Speaker: Dr. Shuakat Iqbal Invited Speaker: Dr. Ashiq Anjum T Campus Lahore Venue: UMT Campus Lahore Venue: PC Hotal (Board Re Shoaib Farooq Chair: Dr. Malik Tahir Hassan Chair: Dr. Adnan Abid Ghulam Mustafa Co-Chair: Dr. Sajid Mahmood Co-Chair: Dr. Muzammil Hus Raja Azhar Tazeeb Facilitator: Mr. Ali Haider Facilitator: Mr. Nuaman Khalil ad blockchain Dr. Tahir Mushtaq I 6:00 to 16:25 Age and Gender prediction using Deep Convolutional Neural Networks Dr. Shuakat Iqbal Insha Rafique Insha Ra	Academic Sessions (III) UMT - Day 2  I- Image Processing Iahir Mushtaq Invited Speaker: Dr. Shuakat Iqbal Invited Speaker: Dr. Shuakat Iqbal Invited Speaker: Dr. Shuakat Iqbal Invited Speaker: Dr. Ashiq Anjum Invited Speaker: Dr. Malik Tahir Hassan Chair: Dr. Adnan Abid Co-Chair: Dr. Sajid Mahmood Co-Chair: Dr. Muzammil Hussain Raja Azhar Tazeeb  Ghulam Mustafa Co-Chair: Mr. Ali Haider  Facilitator: Mr. Nuaman Khalil  ad blockchain Dr. Tahir Mushtaq Invited Speaker: Dr. Ashiq Anjum Facilitator: Mr. Ali Haider  Facilitator: Mr. Nuaman Khalil  Insha Rafique

**Closing Remarks (17:30 to 18:00)**