IBCE

in Partnership with

JUMP
START PAKISTAN

UMT
UNIVERSITY OF MANAGEMENT AND TECHNOLOGY
Estd. 1990

L . I . F . T
Learning Innovation Funding Technology
PAKISTAN
Stronger together, build a great nation

2019 Conference and Exhibition

RESEARCH CONFERENCE AGENDA

Lahore: 1st-2nd November, 2019
Venue: UMT Lahore Campus

ICIC 2019 - Tentative Schedule

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

Session I - Internet of Things	Session II - Machine Learning	Session III- Data Science
Invited Speaker: Dr. Ashiq Anjum	**Invited Speaker:** Dr. Ashiq Anjum	**Invited Speaker:** Dr. Adreas Koop
Venue: UMT Campus Lahore	**Venue:** UMT Campus Lahore	**Venue:** UMT Campus Lahore
Chair: Dr. Shoaib Farooq	**Chair:** Dr. Malik Tahir Hassan	**Chair:** Dr. Adnan Abid
Co-Chair: Dr. Ghulam Mustafa	**Co-Chair:** Dr. Sajid Mahmood	**Co-Chair:** Dr. Muzammil Hussain
Facilitator: Mr. Raja Azhar Tazeeb	**Facilitator:** Mr. Ali Haider	**Facilitator:** Mr. Nuaman Khalil

Session I			Session II			Session III		
Systematic Literature Review on Social Network Analysis	Dr. Malik Tahir Hasssan	11:00 to 11:25	Personal Medical Record – from limited to worldwide usage	Dr. Ghulam Mustafa	11:00 to 11:25	Personal Medical Record – from limited to worldwide usage	Dr. Adreas Koop	11:00 to 11:25
A Review of Gamification for Learning Programming Fundamental	Mahwish Shahid	11:30 to 11:45	Review article on Infrastructure of South Korean Electric Power System and Potential barriers for the Implementation of Smart Grid	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 Face: Asian and Non-Asian People	Talha Imtiaz Baig	11:45 to 12:00	Requirement prioritization through Agile Development Methodology	Muhammad Mustansar Ali Khan	11:45 to 12:00	Conceptualising Green Awareness as Moderator in Technology Acceptance Model for Green IS/IT	Sultana Ashiq	11:45 to 12:00
BigData Analysis of Stack Overflow for Energy Consumption of Android Framework	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 and its implementation with FPGA	Mahreen Zainab	12:15 to 12:30	Wsn operating systems for internet of things (iot): a survey	Adeel Yaqoob	12:15 to 12:30	An IoT Enabled Framework for Smart Buildings Empowered with Cloud & Fog Infrastructures	Hira Fayyaz	12:15 to 12:30

ICIC 2019 - Tentative Schedule

Academic Sessions (II) UMT - Day 1

Session I - Cloud Computing

Invited Speaker:	Dr. Ashiq Anjum
Venue:	UMT Campus Lahore
Chair:	Dr. Shoaib Farooq
Co-Chair:	Dr. Ghulam Mustafa
Facilitator:	Mr. Raja Azhar Tazeeb

Session II - Artificial Intelligence

Invited Speaker:	Dr. Ashiq Anjum
Venue:	UMT Campus Lahore
Chair:	Dr. Malik Tahir Hassan
Co-Chair:	Dr. Sajid Mahmood
Facilitator:	Mr. Ali Haider

Session III- Bio-informatics

Invited Speaker:	Dr. Adreas Koop
Venue:	UMT Campus Lahore
Chair:	Dr. Adnan Abid
Co-Chair:	Dr. Muzammil Hussain
Facilitator:	Mr. Nuaman Khalil

Session I - Cloud Computing			Session II - Artificial Intelligence			Session III- Bio-informatics		
A Review of Gamification for Learning Programming Fundamental	Dr. Adil Zia Khan	14:30 to 14:55	Classification of Human Face: Asian and Non-Asian People	Dr. Sheeraz Naseem	14:30 to 14:55	Unsupervised Stance Detection	Dr. Kareem Darwish	14:30 to 14:55
Fuzzy-Based Model to Evaluate City Centric Parameters for Smart City	Muhammad Waqas Nadeem	15:00 to 15:15	Cognitive Learning in Outcome-Based Education: A Case Study of Bachelor of Science in Electrical Engineering	Afifa Yasmeen	15:00 to 15:15	Reverse Aging based on Face Rejuvenation using Inpainting of Facial Wrinkles	Muhammad Ali Farooq Baig	15:00 to 15:15
Net Load Forecasting of Solar/Wind Integrated Power Systems	Ali Raza Kalair	15:15 to 15:30	Age and Gender prediction using Deep Convolutional Neural Networks	Insha Rafique	15:15 to 15:30	Detection and Classification of Vehicles Type based on Deep Semantic Features of Faster R-CNN	Saleet Ul Hassan	15:15 to 15:30
Energy Harvesting through Floor Tiles	Syed Umaid Ahmed	15:30 to 15:45	Systematic Literature Review on Social Network Analysis	Haris Khalid	15:30 to 15:45	Impact of Social Media on Students' Academic Performance & Generation Gap: A Study of Public Sector University in Punjab	Kashif Ishaq	15:30 to 15:45
Representation of Words Over Vectors in Recurrent Convolutional Attention Architecture for Sentiment Analysis	Fazeel Abid	15:45 to 16:00	Static Handwritten Signature Verification Using Convolution Neural Network	Tanzeel Sultan Rana	15:45 to 16:00	An Android based ERP System for Karachi Bus Route Management	Ghulam Muhammad	15:45 to 16:00

ICIC 2019 - Tentative Schedule

Tea Break (16:00 to 16:30)								

Academic Sessions (III) UMT - Day 1								
Session I - Software Engineering			**Session II - Green Computing**			**Session III- Computational Applications**		
Invited Speaker: Dr. Ashiq Anjum			Invited Speaker: Dr. Ashiq Anjum			Invited Speaker: Dr. Adreas Koop		
Venue: UMT Campus Lahore			Venue: UMT Campus Lahore			Venue: UMT Campus Lahore		
Chair: Dr. Shoaib Farooq			Chair: Dr. Malik Tahir Hassan			Chair: Dr. Adnan Abid		
Co-Chair: Dr. Ghulam Mustafa			Co-Chair: Dr. Sajid Mahmood			Co-Chair: Dr. Muzammil Hussain		
Facilitator: Mr. Raja Azhar Tazeeb			Facilitator: Mr. Ali Haider			Facilitator: Mr. Nuaman Khalil		
Comparative study of permissioned blockchain solutions for enterprises	Dr. Tahir Mushtaq	16:30 to 16:55	Age and Gender prediction using Deep Convolutional Neural Networks	Dr. Shuakat Iqbal	16:30 to 16:55	Intelligent Digital Twins: Artificial Intelligence and HPC meet Virtual Reality to offer Real Time 3D Engineering Analytics	Dr. Ashiq Anjum	16:30 to 16:55
An Enhanced Framework for Rescue Service in Pakistan	Adil Peter	17:00 to 17:15	Autism identification and learning through motor gesture pattern	Insha Rafique	17:00 to 17:15	Net Load Forecasting of Solar/Wind Integrated Power Systems	Ali Raza Kalair	17:00 to 17:15
A survey about efficient job scheduling strategies in cloud and large scale environments	Hamid Hassan	17:15 to 17:30	Cognitive Learning through Collaborative Tasks: Impact on the Oral Proficiency of Pakistani 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 News Classification using Machine Learning Classifiers	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 Pakistani Brand's responsiveness on Social Media: Twitter	Kinza Mehr Awan	17:45 to 18:00	DNA computing a survey	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

DAY 2

ICIC 2019 - Tentative Schedule

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

Tea Break (10:30 to 11:00)

2nd November, 2019

Academic Sessions (I) UMT - Day 2						Academic Session (I) PC - Day 2		
Session I - Internet of Things			**Session II - Machine Learning**			**Session I- Data Science**		
Invited Speaker: Dr. Malik Tahir Hasssan			Invited Speaker: Dr. Ghulam Mustafa			Invited Speaker: Dr. Adreas Koop		
Venue: UMT Campus Lahore			Venue: UMT Campus Lahore			Venue: PC Hotal (Board Room E)		
Chair: Dr. Shoaib Farooq			Chair: Dr. Malik Tahir Hassan			Chair: Dr. Adnan Abid		
Co-Chair: Dr. Ghulam Mustafa			Co-Chair: Dr. Sajid Mahmood			Co-Chair: Dr. Muzammil Hussain		
Facilitator: Mr. Raja Azhar Tazeeb			Facilitator: Mr. Ali Haider			Facilitator: Mr. Nuaman Khalil		
Systematic Literature Review on Social Network Analysis	Dr. Malik Tahir Hasssan	11:00 to 11:25	Personal Medical Record – from limited to worldwide usage	Dr. Ghulam Mustafa	11:00 to 11:25	Personal Medical Record – from limited to worldwide usage	Dr. Adreas Koop	11:00 to 11:25
A Review of Gamification for Learning Programming Fundamental	Mahwish Shahid	11:30 to 11:45	Review article on Infrastructure of South Korean Electric Power System and Potential barriers for the Implementation of Smart Grid	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 Face: Asian and Non-Asian People	Talha Imtiaz Baig	11:45 to 12:00	Requirement prioritization through Agile Development Methodology	Muhammad Mustansar Ali Khan	11:45 to 12:00	Conceptualising Green Awareness as Moderator in Technology Acceptance Model for Green IS/IT	Sultana Ashiq	11:45 to 12:00
BigData Analysis of Stack Overflow for Energy Consumption of Android Framework	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 and its implementation with FPGA	Mahreen Zainab	12:15 to 12:30	Wsn operating systems for internet of things (iot): a survey	Adeel Yaqoob	12:15 to 12:30	An IoT Enabled Framework for Smart Buildings Empowered with Cloud & Fog Infrastructures	Hira Fayyaz	12:15 to 12:30

ICIC 2019 - Tentative Schedule

Prayer and Lunch Break (12:30 to 14:00)					
Academic Sessions (II) UMT - Day 2				**Academic Session (II) PC - Day 2**	
Session I - Software Engineering			**Session II - Artificial Intelligence**	**Session II- Cloud Computing**	
Invited Speaker: Dr. Adil Zia Khan			**Invited Speaker:** Dr. Sheeraz Naseem	**Invited Speaker:** Dr. Kareem Darwish	
Venue: UMT Campus Lahore			**Venue:** UMT Campus Lahore	**Venue:** PC Hotal (Board Room E)	
Chair: Dr. Shoaib Farooq			**Chair:** Dr. Malik Tahir Hassan	**Chair:** Dr. Adnan Abid	
Co-Chair: Dr. Ghulam Mustafa			**Co-Chair:** Dr. Sajid Mahmood	**Co-Chair:** Dr. Muzammil Hussain	
Facilitator: Mr. Raja Azhar Tazeeb			**Facilitator:** Mr. Ali Haider	**Facilitator:** Mr. Nuaman Khalil	
A Review of Gamification for Learning Programming Fundamental	Dr. Adil Zia Khan	14:00 to 14:25	Classification of Human Face: Asian and Non-Asian People	Dr. Sheeraz Naseem	14:00 to 14:25	Unsupervised Stance Detection	Dr. Kareem Darwish	14:00 to 14:25
Fuzzy-Based Model to Evaluate City Centric Parameters for Smart City	Muhammad Waqas Nadeem	14:30 to 14:45	Cognitive Learning in Outcome-Based Education: A Case Study of Bachelor of Science in Electrical Engineering	Afifa Yasmeen	14:30 to 14:45	Reverse Aging based on Face Rejuvenation using Inpainting of Facial Wrinkles	Muhammad Ali Farooq Baig	14:30 to 14:45
Net Load Forecasting of Solar/Wind Integrated Power Systems	Ali Raza Kalair	14:45 to 15:00	Age and Gender prediction using Deep Convolutional Neural Networks	Insha Rafique	14:45 to 15:00	Detection and Classification of Vehicles Type based on Deep Semantic Features of Faster R-CNN	Saleet Ul Hassan	14:45 to 15:00
Energy Harvesting through Floor Tiles	Syed Umaid Ahmed	15:00 to 15:15	Systematic Literature Review on Social Network Analysis	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 Over Vectors in Recurrent Convolutional Attention Architecture for Sentiment Analysis	Fazeel Abid	15:15 to 15:30	Static Handwritten Signature Verification Using Convolution Neural Network	Tanzeel Sultan Rana	15:15 to 15:30	An Android based ERP System for Karachi Bus Route Management	Ghulam Muhammad	15:15 to 15:30

Session I - Software Engineering (Title)	Software Eng. Speaker	Software Eng. Time	Session II - AI (Title)	AI Speaker	AI Time	Cloud Computing (Title)	Cloud Speaker	Cloud Time
A Review of Gamification for Learning Programming Fundamental	Dr. Adil Zia Khan	14:00 to 14:25	Classification of Human Face: Asian and Non-Asian People	Dr. Sheeraz Naseem	14:00 to 14:25	Unsupervised Stance Detection	Dr. Kareem Darwish	14:00 to 14:25
Fuzzy-Based Model to Evaluate City Centric Parameters for Smart City	Muhammad Waqas Nadeem	14:30 to 14:45	Cognitive Learning in Outcome-Based Education: A Case Study of Bachelor of Science in Electrical Engineering	Afifa Yasmeen	14:30 to 14:45	Reverse Aging based on Face Rejuvenation using Inpainting of Facial Wrinkles	Muhammad Ali Farooq Baig	14:30 to 14:45
Net Load Forecasting of Solar/Wind Integrated Power Systems	Ali Raza Kalair	14:45 to 15:00	Age and Gender prediction using Deep Convolutional Neural Networks	Insha Rafique	14:45 to 15:00	Detection and Classification of Vehicles Type based on Deep Semantic Features of Faster R-CNN	Saleet Ul Hassan	14:45 to 15:00
Energy Harvesting through Floor Tiles	Syed Umaid Ahmed	15:00 to 15:15	Systematic Literature Review on Social Network Analysis	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 Over Vectors in Recurrent Convolutional Attention Architecture for Sentiment Analysis	Fazeel Abid	15:15 to 15:30	Static Handwritten Signature Verification Using Convolution Neural Network	Tanzeel Sultan Rana	15:15 to 15:30	An Android based ERP System for Karachi Bus Route Management	Ghulam Muhammad	15:15 to 15:30

ICIC 2019 - Tentative Schedule

Tea Break (15:30 to 16:00)

Academic Sessions (III) UMT - Day 2	Academic Session (III) PC - Day 2

Session I - Image Processing

Invited Speaker:	Dr. Tahir Mushtaq
Venue:	UMT Campus Lahore
Chair:	Dr. Shoaib Farooq
Co-Chair:	Dr. Ghulam Mustafa
Facilitator:	Mr. Raja Azhar Tazeeb

Session II - BioInformatics

Invited Speaker:	Dr. Shuakat Iqbal
Venue:	UMT Campus Lahore
Chair:	Dr. Malik Tahir Hassan
Co-Chair:	Dr. Sajid Mahmood
Facilitator:	Mr. Ali Haider

Session III- Information Security

Invited Speaker:	Dr. Ashiq Anjum
Venue:	PC Hotel (Board Room E)
Chair:	Dr. Adnan Abid
Co-Chair:	Dr. Muzammil Hussain
Facilitator:	Mr. Nuaman Khalil

Session I - Image Processing			Session II - BioInformatics			Session III- Information Security		
Comparative study of permissioned blockchain solutions for enterprises	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	Intelligent Digital Twins: Artificial Intelligence and HPC meet Virtual Reality to offer Real Time 3D Engineering Analytics	Dr. Ashiq Anjum	16:00 to 16:25
An Enhanced Framework for Rescue Service in Pakistan	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 Solar/Wind Integrated Power Systems	Ali Raza Kalair	16:30 to 16:45
A survey about efficient job scheduling strategies in cloud and large scale 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 applications of Locality Aware Scheduling algorithms	Waqar Hussain	16:45 to 17:00
Pakistani Media Fake News Classification using Machine Learning Classifiers	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
Quantification of Pakistani Brand's responsiveness on Social Media: Twitter	Kinza Mehr Awan	17:15 to 17:30	DNA computing a survey	Amna Arshad	17:15 to 17:30	BigData Analysis of Stack Overflow for Energy Consumption of Android Framework	Saif R K	17:15 to 17:30

Closing Remarks (17:30 to 18:00)