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Designation		Professor <i>(on leave)</i>		
Department		Computer Science		
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Qualification				
Year	Degree/Certificate	Name of the Institute/ University	Field of study	
2015	PhD	University of Waikato, New Zealand	Computer Science	
2008	MS/ Mphil	The University of Adelaide, Australia	Computer Science	
2005	Graduation	Government College University, Lahore, Pakistan	Computer Science	
Publications in HEC Recognized journals				
S. No	Title of Paper	Name of Journal	National/ International	Publication date
1	Secure Mobile Edge Server Placement Using Multi-Agent Reinforcement Learning	Special Issue on Edge Computing for Internet of Things, Electronics (IF: 2.690)	International	Vol. 10, No.17, 2021
2	Heuristic edge server placement in Industrial Internet of Things and cellular networks	IEEE Internet of Things Journal (IF: 10.238)	International	Vol. 8, No.13, 2021
3	Impact of Social Networks on Entrepreneurial Success of Mobile Phone Retailers	European Online Journal of Natural and Social Sciences	International	Vol. 10, No.1, 2021
4	An Ontology-Driven Decision Support System for Rice Crop Production	Journal of Applied and Emerging Sciences	National	Vol. 11, No.1, 2021
5	An Evaluation of Peaks and Throughs in OSS Project	Balochistan Journal of Engineering & Applied Sciences (BJEAS)	National	Vol. 4, No.1, 2021

6	Big Data Analytics: New Opportunities in Scientific Research	Balochistan Journal of Engineering & Applied Sciences (BJEAS)	National	Vol. 3, No.2, 2020
7	Relationship of the Big Five Personality Traits and Risk Aversion with Investment Intention of Individual Investors	Journal of Asian Finance, Economics and Business (JAFEB)	International	Vol. 7, No. 12, 2020
8	Hybrid fuzzy logic engine for ping-pong effect reduction in cognitive radio network	Wireless Personal Communications (IF: 2.017)	International	Vol. 116, No.1, 2020
9	Interference management in dense inband D2D network using spectral clustering & dynamic resource allocation	Wireless Networks (IF: 2.659)	International	Vol. 25, No.1, 2019
10	Efficient Multilevel Cache Design for Solid State Drive's	Journal of Applied and Emerging Sciences	National	Vol. 09, No. 1, 2019
11	Monte Carlo-based channel estimation and performance evaluation for UWOC links under geometric losses	International Journal of Communication Systems (IF: 1.882)	International	Vol. 31, No. 6, 2018
12	A Survey of Machine Learning Approaches for Speech Recognition	Bahria University Journal of Information & Communication Technologies	National	Vol. 10, No. 1, 2017
13	Analysis of The Impact of Environmental Factors on Efficiency of Different Types of Solar Cells	Journal of Applied and Emerging Sciences	National	Vol. 7, No. 1, 2017
14	Constraints Resolution in Semi-Automated Course Allocation Process for Educational Institute	Journal of Applied and Emerging Sciences	National	Vol. 7, No. 1, 2017
15	Performance Evaluation of AODV, DSDV and DSR Routing Protocols in Unplanned Areas	Technical Journal, University of Engineering and Technology (UET) Taxila, Pakistan	National	Vol. 22, No. 1, 2017
16	Mitigating Network Congestion through MPLS -TE Based Load Balancing Using Alternate Optimal Path	Bahria University Journal of Information & Communication Technologies	National	Vol. 9, No. 2, 2016
Paper Presented				
S. No	Title of Paper	Name of Conference	National/ International	Date
1	Empirical Evaluation of Activation Functions in Deep Convolution Neural Network for Facial Expression Recognition	43rd International Conference on Telecommunications and Signal Processing (TSP)	International	2020

2	Ontology-Based Knowledge Modeling for Rice Crop Production	International Conference on Future Internet of Things and Cloud (FiCloud)	International	2019
3	Multilateration-based Event Identification in a Wireless Sensor Network	Fourth International Conference on Engineering & MIS 2018	International	2018
4	Monte Carlo based estimation and performance evaluation of temporal channel behavior of UWOC under multiple scattering	OCEANS '17 MTS/IEEE Anchorage	International	2017
5	An adaptive approach for estimation of an underwater optical channel using Monte Carlo	OCEANS '17 MTS/IEEE Aberdeen	International	2017
6	Wireless optical data transfer in underwater systems	OCEANS'16 MTS/IEEE Shanghai	International	2016
7	Energy-efficient context-aware routing in heterogeneous WSN	8th ACM International Conference on Distributed Event-Based Systems	International	2014
8	SEPSen: semantic event processing at the sensor nodes for energy efficient wireless sensor networks	6th ACM International Conference on Distributed Event-Based Systems	International	2012
9	Cost analysis for complex in-network event processing in heterogeneous wireless sensor networks	5th ACM International conference on Distributed event-based system	International	2011

Books Authored/ Edited

S. No	Name of book	Publisher	ISBN

Work Experience

S. No	From (year)	To (year)	Name of the Institution/ Organization	Position held
1	Mar 2020	Present	Strategic Planning and Reforms Cell (SPRC), P&D Department, GoB	Specialist Consultant
2	Jun 2012	Apr 2015	University of Waikato, New Zealand	Doctoral Assistant
3	Aug 2005	May 2020 Present (on leave)	Balochistan University of IT, Engineering & Management Sciences	Professor / Associate Professor / Assistant Professor, Lecturer / Research Associate

Area of specialization	Information Systems, Sensor Networks, Internet of Things (IoTs)
Research Interest	Information Systems, Sensor Networks, Internet of Things (IoTs)
Future Research Plans	-
HEC Approved supervisor	No
If Yes, provide HEC URL	-
Research grants/ Projects	Principal Investigator (PI) of the HEC-British Council-funded project under the Innovative and Collaborative Research Grant (ICRG)
Additional Information	
<p>Dr. Mumraiz K. Kasi is a Professor of Computer Science. He holds a PhD in computer science from the University of Waikato (New Zealand), a master's degree from the University of Adelaide (Australia), and a bachelor's degree from Government College University, Lahore (Pakistan).</p> <p>Dr. Kasi has been associated with Balochistan University of Information Technology, Engineering, and Management Sciences (BUITEMS) since 2005 as a faculty member and has also held several administrative positions including Associate Dean (Faculty of Information & Communication Technology) and Chairperson (Department of Computer Science). During this time, he led the team in getting accreditation from National Computing Education Accreditation Council (NCEAC) in W-Category. He was the Program Chair for the 1st International Conference on Computing, Electronic and Electrical Engineering (ICE Cube'16) held at BUITEMS. He has represented the university at high-level forums at Higher Education Commission (HEC), Pakistan. He has also been the Faculty Sponsor for the BUITEMS ACM Student Chapter and Secretary for the IEEE Quetta Subsection.</p> <p>Dr. Kasi has also worked as a specialist consultant in the Strategic Planning & Reforms Cell (SPRC) funded by the World Bank at the Planning & Development Department, Government of Balochistan. He has been part of several reform initiatives at P&D Department during this time such as the digitization of PSDP processes and systems, geo-tagging of all public assets, and development of the Spatial Decision Support System.</p> <p>His research interests include information systems and event notification systems. He has published his work in several well-reputed local and international conferences and journals. He is the Principal Investigator (PI) of the HEC-British Council-funded project under the Innovative and Collaborative Research Grant (ICRG).</p>	