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<b>Designation</b>		Associate Professor		
<b>Department</b>		Electrical Engineering		
<b>Faculty</b>		Information and Communication Technology		
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<b>Qualifications</b>				
Year	Degree/Certificate	Name of the Institute/ University	Field of study	
2012	PhD	Georgia Tech, USA	Electrical & Comp Engineering	
2012	MS/ Mphil	Georgia Tech, USA	Electrical & Comp Engineering	
2007	MS	Bahria University Karachi	Telecommunications	
2004	BS	Bahria University Karachi	Software Engineering	
<b>Selected Journal Publications</b>				
S. No	Title of Paper	Name of Journal	National/ International	Publication date
1	Condition and location-aware channel switching scheme for multi-hop multi-band WLANs	Elsevier Computer Networks	International	2020
2	Optimal Modulation Tech- nique for MIMO FSO Link	Springer Wireless Personal Communications	International	2019
3	Bayesian game-based user behavior analysis for spectrum mobility in cognitive radios	Elsevier Physical Communication	International	2019
4	Performance Analysis of Downlink Linear Precoding in Massive MIMO Systems Under Imperfect CSI	Springer Journal on Wireless Personal Communications	International	2017

5	Monte-Carlo based Estimation and Performance Evaluation for UWOC links under Geometric Losses	Wiley International Journal of Communication Systems	International	2017
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### Selected Papers Presented

S. No	Title of Paper	Name of Conference	National/ International	Date
1	Towards guaranteed delivery of safety messages in VANETs	IEEE Global Communication Conference (GLOBECOM)	Los Angeles	2012
2	Introducing lane-based sectoring for routing in VANETs	IEEE Wireless Communications and Networking Conference (WCNC)	Paris	2012
3	Handshaking vs. Instant Broadcast in VANET Safety Message Routing	IEEE International Symposium on Personal Indoor and Mobile Radio Communications (PIMRC)	Toronto	2011
4	Dynamic service-channel allocation in vehicular ad hoc networks	IEEE Consumer Communications and Networks Conference, (CCNC)	Las Vegas	2013
5	Enhanced outdoor-to-indoor coverage estimation in microcells	IEEE Loughborough Antennas and Propagation Conference	Loughborough	2008

### Work Experience

S. No	From (year)	To (year)	Name of the Institution/ Organization	Position held
1	2018	2021	BUIITEMS	Pro Vice Chancellor
2	2013	2018	BUIITEMS	Dean

3	2014	Date	BUIITEMS	Associate Professor
4	2008	2009	BUIITEMS	Head of Department
5	2008	2014	BUIITEMS	Assistant Professor
6	2007	2008	BUIITEMS	Lecturer
7	2005	2007	Innovative Information Technologies	Systems Software Developer
<b>Area of specialization</b>			GIS Applications, Applied Machine Learning, Information and Network Security	
<b>Research Interests</b>			GIS Applications, Spatial Decision Support Systems, Applied Machine Learning, Information and Network Security	
<b>Future Research Plans</b>			Spatial Decision Support Systems, Applied Machine Learning, and Information Security	
<b>HEC Approved supervisor</b>			HEC Approved PhD Supervisor	
<b>If Yes, provide HEC URL</b>			<a href="http://www.faisalak.info">www.faisalak.info</a>	
<b>Research grants/ Projects</b>			National Center for GIS & Remote Sensing, SDSS PKR.85 million	
<b>Additional Information</b>				
<p>Bio</p> <p>Dr. Faisal Ahmad Khan is an educationist and a technology advocate. He has been with BUIITEMS University Quetta since 2007. He has served as the Pro Vice Chancellor and Dean at BUIITEMS. He is the co-founder of the Quetta Literary Festival, founding chairperson of IEEE Quetta sub-section as well as the founding chair of the ICE Cube international conference (<i>technology for good</i>).</p> <p>Dr Khan received MS and Ph.D. degrees in Electrical and Computer Engineering from Georgia Tech, USA. He received BS degree in Software Engineering and MS degree in Telecommunications from Bahria University Karachi.</p> <p>Dr. Khan is member of the Prime Minister’s Advisory Council on IT and Digital Economy. He is also Senior Member (SM) of the Institute of Electrical and Electronics Engineers (IEEE). Awards and distinctions to his credit include Fulbright Ph.D. fellowship, British Council Momentum award, outstanding leadership award IEEE Karachi section. Dr. Khan is Senior Member (SM) of the Institute of Electrical and Electronics Engineers (IEEE).</p> <p>Besides professional undertakings, he is the founder of Quetta Going Green, a citizens' movement for the promotion of environmental awareness in the city of Quetta. He is also the founder of Honesty Mart, an initiative for the promotion of trust and honesty in the society</p> <p>A Fulbright fellow and Momentum award recipient. Innovation, introducing new ideas, aiming for world-class, promoting teamwork and inclusivity have been the hallmarks of his professional contributions.</p>				