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Name		Faisal Ahmad Khan		
Designation		Associate Professor, Dean		
Department		-		
Faculty		Information and Communication Technology		
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Qualification				
Year	Degree/Certificate	Name of the Institute/ University	Field of study	
2013	PhD	Georgia Institute of Technology, USA	Electrical & Computer Engineering	
2011	MS	Georgia Institute of Technology, USA	Electrical & Computer Engineering	
2007	MS	Bahria University Karachi, Pakistan	Telecommunication & Networks	
2004	Graduation	Bahria University Karachi, Pakistan	Computer Software Engineering	
Publications in HEC Recognized journals				
S. No	Title of Paper	Name of Journal	National/ International	Publication date
1	Building penetration loss in micro- cells	Journal of Applied and Emerging Sciences	National	July 2011
2	Handshaking vs. Instant Broadcast in VANET Safety Message Routing	Journal of Applied and Emerging Sciences	National	July 2012
3	Introducing Lane-based Sectoring for Routing in VANETs	Journal of Applied and Emerging Sciences	National	July 2012
4	Wave Propagation into Buildings	Journal of Applied and Emerging Sciences	National	December 2012
5	Recovering VANET Safety Message in Transmission Holes	Journal of Applied and Emerging Sciences	National	December 2012

6	Attenuation Caused by Obstructing Vehicles in VANETs	Journal of Applied and Emerging Science	National	December 2012
7	Vehicle-t-Vehicle Cluster- Based Auto-Configuration for VANETs.	Journal of Applied and Emerging Science	National	December 2012
8	A Dymanic Auto- Access Configuration Protocol for VANET Region-based Auto-configuration Protocol with Code Association	Journal of Applied and Emerging Science	National	December 2012
9	Reliable dissemination of safety messages in VANETs	Submitted to IEEE Transactions on Vehicular Technology	International	March 2014
10	Dynamic Service Channels Allocation in VANETs	Submitted to IEEE Journal on Selected Areas in Communication	International	November 2013
11	Physical channel modeling with Knife Edge Diffraction in VANETs	Submitted to IEEE Transactions on Parallel and Distributed Computing	International	January 2014

Paper Presented

S. No	Title of Paper	Name of Conference	National/ International	Date
1	Recovering VANET Safety Messages in Transmission Holes	IEEE Global Information Infrastructure Symposium (GIIS), Trento, Italy	International	September 2013
2	Towards guaranteed delivery of safety messages in VANETs	IEEE Global Communication Conference (GLOBECOM), Los Angeles, USA	International	December 2012
3	Introducing lane- based sectoring for routing in VANETs	IEEE Wireless Communications and Networking Conference (WCNC), Paris, France	International	May 2012
4	Handshaking vs. instant broadcast in VANET safety message routing	IEEE International Symposium on Personal Indoor and Mobile Radio Communications	International	September 2011

		(PIMRC), Toronto, Canada		
5	Dynamic service- channel allocation in vehicular ad hoc networks	IEEE Consumer Communications and Networks Conference, (CCNC), Las Vegas, USA	International	January 2013
6	Enhanced outdoor-to-indoor cover- age estimation in microcells	IEEE Loughborough Antennas and Propagation Conference, Loughborough, UK	International	May 2008
7	Essential factors influencing building penetration loss	IEEE International Conference on Computer Communications and Networks, Hangzhou, China	International	October 2008

Work Experience

S. No	From (year)	To (year)	Name of the Institution/ Organization	Position held
1	2014	Date	BUIITEMS, Quetta	Associate Professor/ Dean
2	2008	2014	BUIITEMS, Quetta	Assistant Professor/ Chairman
3	2007	2008	BUIITEMS, Quetta	Lecturer
4	2001	2004	Innovative Information Technologies	System Software Developer

Area of specialization

Electrical and Computer Engineering – Physical and MAC-layer design, Network Security, Mobile Computing

Expertise

Network simulation: Network Simulator-3 (ns-3) TraNS mobility simulator

Instrumentation and Measurement: Radio Propagation Simulator (RPS) , Test Mobile System (TEMS), Wireshark

Computer Programming: C, C++, Java, JavaScript, Java Servlets, J2ME, Symbian OS programming, SQL

Numerical Analysis: Matlab, SPSS

Desktop Editing and Productivity Software: gedit, Emacs, Eclipse , ArcGIS, TEX (LATEX)

HEC Approved supervisor

Yes

If Yes, provide HEC URL

<http://sc.hec.gov.pk/aphds/submit.asp?supid=7056>

Additional Information

- Fulbright Ph.D. Scholarship Award, 2009-2013
- Member IEEE
- Member IEEE Standards Association
- Member IEEE Computer Society
- Press:
 - The corruption syndrome. Article, Daily DAWN. April 22, 2007
 - Urban guests. Letter to the editor, Daily DAWN. October 17, 2007
 - Peace. Georgia Tech Art Crawl Magazine, March 2012.

More Information: www.faisalakhan.com