

Eng. Mashoor Ismail Altarayrah

Lecturer

Personal Data:

Nationality | Jordanian
Date of Hire | 9/3/2013
Date Rank Obtained | 9/3/2013
Department | Electrical Engineering
Email | mtarayrah@kfu.edu.sa
Office No | 0135898973
Office Phone No | 966569605009



Education:

Academic Degree	Major	specialty	Place of Issue	Address	Date
Masters (M.Sc.)	Electrical Engineering	Wireless Communications	Jordan University of Science and Technology (JUST)	Irbid-Jordan	May 2011
Bachelor (B.Sc.)	Electrical Engineering	Biomedical Engineering	Palestine Polytechnic University (PPU)	Hebron-Palestine	June 2007

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions):

Master	A scholarship awarded by German Academic Exchange Service (DAAD)
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Experiences:

Title of Job	Address of Work	Country	Date	
Academic Teacher (Part Timer)	Palestine Polytechnic University (PPU)	Palestine	From	Sep. 2011
			To	Jan. 2013
Lecturer	King Faisal University (KFU)	KSA	From	March 2013
			To	current

Research Interests:

1. Wireless Communication
2. Digital Signal Processing
3. Optical Fibers.
4. Wireless Sensor Network

Publications:

#	Name of author(s)	Title of Publication	Publisher and Date of Publication	Link of Publication
1.	Qasem Abu Al-Haija, Mashhoor Al Tarayrah, Hasan Al-Qadeeb, Abdulmohsen Al-Lwaimi	A Tiny RSA Cryptosystem based on Arduino Microcontroller Useful for Small Scale Networks	The 9th International Conference on Future Networks and Communications (FNC'14)/International Symposium on Emerging Inter-networks, Communication and MOBILITY (EICM 2014), Procedia Computer Science, Volume 34, 2014	link
2.	Mashhoor Al Tarayrah and Qasem Abu Al-Haija	LMS-based Equalization in Filter Bank Multicarrier Wireless Communication Systems	The International Conference on Digital Information Processing, E-Business and Cloud Computing (DIPECC2013), UAE, pp. 87-94, October 2013	link
3.	Qasem Abu Al-Haija , Ghandi Manasrah and Mashhoor AlTarayrah	Communication power analysis of applying MQV Key agreement scheme for wireless sensor network	2017 International Conference on Intelligent Techniques in Control, Optimization and Signal Processing (INCOS'17), India, 2017	link
4.	QA Al-Haija, MI Al Tarayrah, HM Enshasy	Time-Series Model for Forecasting Short-term Future Additions of Renewable Energy to Worldwide Capacity	2020 International Conference on Data Analytics for Business and Industry: Way Towards a Sustainable Economy (ICDABI), 2020	link
5.	HESHAM M ENSHASY, QASEM ABU AL-HAIJA, HASAN AL-AMRI, MOHAMED AL-NASHRI, SULTAN AL-MUHAISEN, MASHHOUR AL-TARAYRAH	A Comprehensive Construction of Hydrogen-Hydrogen-Oxygen (HHO) Cell as Renewable Energy Storage	Journal of Research in Engineering and Applied Sciences, JREAS, 2019	link
6.	Mashhoor AlTarayrah, Qasem Abu Al-Haija	Adaptive Channel Equalization for FBMC Based on Variable Length Step Size and Mean-Squared Error	International Journal of Digital Information and Wireless Communications (IJDWC), 2014	link

Language Proficiency:

1. Arabic (native language)
2. English (read, write, speak)