

Fahad Bin Sultan University  
Faculty of Engineering  
Electrical Engineering Department

**Prof. Ali A. Eyadeh**

**Education**

<b>Degree</b>	<b>Discipline</b>	<b>Institution</b>	<b>Year</b>
Ph.D.	Data Communications	University of Wales/Swansea	1997
MSC	Data Communications	University of Wales/Swansea	1995
BSC	Electrical Engineering	Technical University of Iasi	1986

**Academic experience**

<b>Institution</b>	<b>Rank</b>	<b>Title</b>	<b>Dates</b>	<b>Full Time or Part Time</b>
Fahad Bin Sultan University (KSA)	Professor	Faculty Member	2019-Now	Full time
Yarmouk University (Jordan)	Associate Prof	Vice Dean	Sep. 2018-Sep. 2019	Full time
Yarmouk University	Associate Prof	Faculty Member	2016-2018	Full time
Yarmouk University	Associate Prof	Head of Department	2014-2016	Full time
Al-Jouf University (KSA)	Associate Prof	Faculty Member	2009-2014	Full time
Yarmouk University	Associate Prof	Head of Department	2007-2009	Full time
Yarmouk University	Assistant Prof.	Faculty Member	2005-2007	Full time
AUST University (UAE)	Assistant Prof.	Faculty Member	2002-2005	Full time
Yarmouk University	Assistant Prof.	Faculty Member	1997-2005	Full time

**Non-Academic Experience**

<b>Company or Entity</b>	<b>Title</b>	<b>Brief Description of Position</b>	<b>Dates</b>	<b>Full Time or Part Time</b>
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**Subjects taught over the past two academic years**

<b>Course code</b>	<b>Course Name</b>	<b>Institution</b>	<b>Credits</b>
ELEE 550	Wireless Power Transfer	Fahad Bin Sultan	3 c.h
ELEE 501	Linear Systems	Fahad Bin Sultan	3 c.h
ELEE 508	Advanced Digital Communications	Fahad Bin Sultan	3 c.h
ELEE 476	Digital Communications	Fahad Bin Sultan	3 c.h
ELEE 470	Communication Systems	Fahad Bin Sultan	3 c.h
ELEE 371	Principles of Data Communications and Networking	Fahad Bin Sultan	3 c.h
ELEE 350	Signals and Systems	Fahad Bin Sultan	3 c.h
ELEE 399L	MATLAB for Engineers	Fahad Bin Sultan	1 c.h

### **Certifications or professional registrations**

- Jordanian Engineering Association

### **Current membership in professional organizations**

- Institute of Electronics and Electrical Engineers (IEEE)

### **Honors and Awards**

A scholarship for higher education (MPhil and PhD in UK) granted from Yarmouk University-Irbid-Jordan, 1993-1997.

### **Service Activities**

### **Principal Publications and Presentations of the Last Five Years**

- 1- Energy-aware spectrum coordination with intelligent frequency-hopping for software defined networks, HB Salameh, E Al Jarrah, M Aloqaily, A Eyadeh, Sustainable Computing: Informatics and Systems, Vol. 35, pp. 10714, 2022.
- 2- A Collocation-Based Algorithm For Analyzing Bifurcations in Phase Locked Loops with Tanlock and Sawtooth Phase Detectors, Bassam Harb, Ahmad Al-Ajluni and Ali Eyadeh, Mathematical Problems in Engineering Journal, Vol. 2018, Article ID 8532546, <https://doi.org/10.1155/2018/8532546>.
- 3- Discrete OFDM-Based Channel Assignment Scheme for Agile Networks, Ali A. Eyadeh, Mohammad al-Nairat, International Journal on Electrical Engineering and Informatics, Vol. 11, No. 4, pp. 809-821, 2019.
- 4- Performance Study of Switch and Stay Combining Diversity over Fading Channels, Ali A. Eyadeh, Mohammad Al-Taani, International Journal of Recent Technology and Engineering (IJRTE), Vol. 8, No. 4, pp. 5575-5580, 2019.
- 5- Modeling and Simulation of Performance Limits in IEEE 802.11 Point Coordination Function, Ali Eyadeh, Mohammad Jarrah, Ahmad Aljumaili, International Journal of Recent Technology and Engineering (IJRTE), Vol. 8, No. 4, pp. 5575-5580, 2019.
- 6- Ferry-Based Directional Forwarding Mechanism for Improved Network Life-Time in Cluster-Based Wireless Sensor Network, Ali A. Eyadeh, Mohammad Bani Amara, International Journal of Communication Networks and Information Security, Vol. 10, No. 2, 2018.
- 7- Adaptive Quorum-based Channel-Hopping Distributed Coordination Scheme for Cognitive Radio Networks, Isra Aljarrah, Haythem Bany Salama, Ali Eyadeh, The 10th Jordan International Electrical and Electronics Engineering Conference (JIEEEEC), Amman , Jordan, 16-17 May, 2017.

### **Most Recent Professional Development Activities**

- IET Communications
- Organizing Committee Member:WCASET-2019,Jakarta,Indonesia
- Editorial board member, International Journal of Electronics, Communication and Instrumentation Engineering Research and Development (IJEIERD)