

CURRICULUM VITAE

PERSONAL INFORMATION

Name Omar Al-Ayasrah



Nationality Jordanian

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EDUCATION

1987-1991 B.Sc. in Electrical Engineering/Communications, Mutah University, Jordan.

2002-2003 MSc in Electronics (Digital Systems), University of Hertfordshire, UK.

2003-2006 PhD in Electronics (Digital Systems), University of Hertfordshire, UK.

ACADEMIC EXPERIENCE

2021- Now Associate Professor @ Electrical Engineering Dept, Mutah University, Jordan. [Full Time]

2019- 2021 Associate Professor @ ECE Dept, Al-Ahliyya Amman University, Jordan [Full Time]

2013-2019 Associate Professor @ Electrical Engineering Dept, Mutah University, Jordan. [Full Time]

2007-2013 Assistant Professor @ Electrical Engineering Dept, Mutah University, Jordan. [Full Time]

NONE-ACADEMIC EXPERIENC

1991-2014 Jordan Armed Forces - Officer/Communications Engineer. [Full Time]

MEMBERSHIPS

1991-Now Jordan Engineers Association.

HONORS & AWARDS

1. University Studentship, Awarded by Mutah University in Jordan to study for MSc and PhD degrees in Electronics Engineering (Digital Systems) in University of Hertfordshire, UK, Sept.2002 – Sept.2006.
2. The first prize of the Environment and Renewable Energy theme, awarded by the 4th National Technology Parade (9 –10 May 2011 Philadelphia Uni.)
3. The first prize of the Education theme, awarded by the 4th National Technology Parade (9 – 10 May 2011 Philadelphia University)
4. The first prize of the Intelligent Systems theme, awarded by the 6th National Technology Parade (7-8 May 2013 Mutah University).

SERVICE ACTIVITIES

2021-Now	Vice Dean of Faculty of Engineering, Mutah University, Jordan
2020-2021	Head of CE Dept, Al-Ahliyya Amman University, Jordan
2011-2017	Vice Dean of Faculty of Engineering, Mutah University, Jordan
2010-2011	Head of EE Dept, Mutah University, Jordan
2008-2010	Faculty of Engineering Assistant Dean for students' affairs, Mutah University, Jordan

IMPORTANT PUBLICATIONS

1. **Omar Al-Ayasrah**, “(DSP-FPGA) Based Multiple Motors Control System”, RECENT ADVANCES IN SYSTEMS, COMMUNICATIONS & COMPUTERS, Book, WSEAS, 2008, (pp290-298), ISBN: 978-960-6766-61-9, ISSN: 1790-5117.
2. **Omar Al-Ayasrah**, Ayman Al-Lawama, “DSP-Based Two-Synchronized Motors Control System Using External FPGA Design”, WSEAS TRANSACTIONS on SYSTEMS and CONTROL, Issue 4, Volume 3, April 2008, (pp279-288),ISSN: 1991-8763.
3. Ayman Al-Lawama, Abdel-Rahman Al-Qawasmi, **Omar Al-Ayasrah**, “Optimum Control Using Signal Processing in Integrated Aerospace navigation systems”, WSEAS TRANSACTIONS on COMMUNICATIONS, Issue 11, Volume 7, November 2008, (pp1081-1090), ISSN: 1109-2742.
4. Abdel-Rahman Al-Qawasmi, **Omar Al-Ayasrah**, Ayman Al-Lawama, “Forward Transmission over a Multipath Faded Channel in a DS CDMA System” WSEAS TRANSACTIONS on

PROFESSIONAL
DEVELOPMENT
ACTIVITIES

CIRCUITS AND SYSTEMS, Issue 2, Volume 8, February 2009, (pp256-267), ISSN: 1109-2734.

5. Omar Al-Ayasrah, “DSP-Based Current/Torque Control System with Fault prognostic Algorithm for Brushless DC Motor Drive System”, Mu'tah Journal for Research & Studies (MJRS), Natural and Applied Sciences Series, Mu'tah Lil-Buhuth wad-Dirasat, Vol.27 . No. 1, 2012, (pp 111-132), ISSN: 1022-6812

6. Omar Al-Ayasrah, “Speed Control System with Synchronization Algorithm for Two-Cooperating BLDC Motors”, Mu'tah Journal for Research & Studies (MJRS), Natural and Applied Sciences Series, Mu'tah Lil-Buhuth wad-Dirasat, 2013, ISSN: 1022-6812.

- Has an experience in ABET Accreditation.
- Attended a training workshop during 1st semester 2021\2022 about E-Learning\Online Learning.