

CURRICULUM VITAE

جامعة الأزهر
Al-Azhar University-Gaza



Mohammad O. A. Aqel

Last Update:05/02/2019

PERSONAL DETAILS

Date Of Birth	6/12/1979	Place Of Birth	Jordan
Nationality	Palestinian		
Marital Status	Married	Gender	Male
Designation	Assistant Professor		
Department	Engineering		
Faculty	Engineering and Information Technology		
Tel. No. (Office)			
Fax No.			
Mobile No.			
E-mail Address	m.aqel@alazhar.edu.ps aqel2001@hotmail.com		
Address(Office)	Faculty of Engineering and IT, Alazhar University-Gaza		
Address (Home)	Gaza		

HURL

ACADEMIC QUALIFICATIONS

(YEAR , QUALIFICATION , INSTITUTION , TITLE)

2016	Doctoral Degree, PHD,Universiti Putra Malaysia (UPM) (Control and Automation Engineering)
2006	Master Degree, MSC,Univirsiti Putra Malaysia (Manufacturing Systems Engineering)
2002	Bachelor Degree, BSC,The Islamic University of Gaza (Computer Engineering)

ADMINISTRATIVE DUTIES

(START DATE - END DATE , ROLE , LEVEL)

2016 , till now	Deputy Dean of Planning and Quality Affairs ,University
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PROFESSIONAL AFFILIATION / MEMBERSHIP

(YEAR , ORGANISATION , ROLE , LEVEL)

2006	Al-Azhar Univ., Gaza, Palestine.,Assistant Professor,University
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SELECTED PUBLICATIONS

- Article in Academic Journal

- 1 Mohammad O.A. Aqel, Hamiruce Marhaban, Iqbal Saripan, Napsiah Ismail (2017) . Estimation of Image Scale Variations in Monocular Visual Odometry Systems,IEEEJ Transactions on Electrical and Electronic Engineering,12(2) ,228–243. (ISI Cited Publication)
- 2 Mohammad O.A. Aqel, Hamiruce Marhaban, Iqbal Saripan, Napsiah Ismail (2016) . Review of Visual Odometry: Types, Approaches, Challenges, and Applications,SpringerPlus.,5(1) ,1897. (ISI Cited Publication)
- 3 Asem Khmag, Abd Rahman Ramli, S.A.R Al-haddad, N.H. Kamarudin, Mohammad Aqel, (2016) . Robust Natural Image Denoising in Wavelet Domain using Hidden Markov Models,Indian Journal of Science and Technology,8(32) ,. (SCOUPS Cited Publication)
- 4 Mohammad OA Aqel, Mohammad H Marhaban, M Iqbal Saripan, Napsiah Bt Ismail (2016) . Adaptive-search template matching technique based on vehicle acceleration for monocular visual odometry system,IEEEJ Transactions on Electrical and Electronic Engineering,11((6)) ,739-752. (ISI Cited Publication)
- 5 Mohammad O.A. Aqel, Hamiruce Marhaban, Iqbal Saripan, Napsiah Ismail, Asem Khmag (2016) . Optimal Configuration of a Downward-Facing Monocular Camera for Visual Odometry,Indian Journal of Science and Technology,8(32) ,. (SCOUPS Cited Publication)

- Proceedings

- 1 Ahmed Issa, Mohammed El Shorafa, Mohammad OA Aqel, Dermot Brabazon, Paul Young (2018) . Remote Computer Based Learning System for Inverted Pendulum Lab Experiment, International Conference on Promising Electronic Technologies (ICPET), 3-4 October 2018, Gaza, Palestine, 113-117. (SCOUPS Cited Publication)
- 2 Mohammad OA Aqel, Ahmed Issa, Eman Qasem, Wessal El-Khatib (2018) . Hydroelectric Generation from Water Pipelines of Buildings, International Conference on Promising Electronic Technologies (ICPET), 3-4 October 2018, Gaza, Palestine, 63-68. (SCOUPS Cited Publication)
- 3 Mohammad OA Aqel, Ahmed Issa, Doaa Abu Nada, Saher Draz (2018) . Development of Smart Masjid Display Using Raspberry Pi, International Conference on Promising Electronic Technologies (ICPET), 3-4 October 2018, Gaza, Palestine, 118-123. (SCOUPS Cited Publication)
- 4 Ahmed Issa, Mohammad OA Aqel, Mahmoud M Albelbeisi, Majd O Elaila, Malek A Mortaja (2017) . Palletizing Manipulator Design and Control Using Arduino and MATLAB, International Conference on Promising Electronic Technologies (ICPET), 2017, 16-17 October, 2017, GAZA-Palestine, 60-65. (SCOUPS Cited Publication)
- 5 Mohammad OA Aqel, Ahmed Issa, Mohammed Khdair, Majde ElHabbash, Mohammed AbuBaker, Mohammed Massoud (2017) . Intelligent Maze Solving Robot Based on Image Processing and Graph Theory Algorithms, International Conference on Promising Electronic Technologies (ICPET), 2017, 16-17 October, 2017, GAZA-Palestine, 48-53. (SCOUPS Cited Publication)
- 6 Ahmed Issa, Mohammad O.A. Aqel, Ali Tubail, Yaser Alkayyali, Abdelkareem Alay, Mosab Ferwana (2017) . Vision Assisted SCARA Manipulator Design and Control Using Arduino and LabVIEW, International Conference on Promising Electronic Technologies (ICPET), 2017, 16-17 October, 2017, GAZA-Palestine, 54-59. (SCOUPS Cited Publication)
- 7 Mohammad O.A. Aqel, Hamiruce Marhaban, Iqbal Saripan, Napsiah Ismail, Asem Khmag (2015) . Optimal Configuration of a Downward-Facing Monocular Camera for Visual Odometry, The 4th International Conference on Computer Engineering & Mathematical Sciences (ICCEMS 2015), Langkawi, Malaysia, 10th -11th December 2015,
- 8 Y Ali Sai'd, Hamiruce Marhaban, Abd Rahman Ramli, Siti Ahmad, Mohammed Reza Khammar, Mohammad Aqel, Norhayati Suaib and Reza Shoorangiz (2013) . A Framework for Feature Based Map Building, Image Processing, Image Analysis and Real-Time Imaging (IP- IARTI) Symposium, University Nasional Tenaga (UNITEN), Malaysia, 09 May 2013, pp.13
- 9 Mohammad Aqel, Said Alsherafy, Hamdan Hejazi, Ahmed Ahmed (2012) . Development of Propeller RGB LED Display, Fifteenth Creative Forum for Students, Riyadh, Saudi Arabia, 17-21 November 2012, pp. 83-101
- 10 Mohammad O.A. Aqel and N. Ismail (2005) . Development of Programmable Logic Controllers Training Kit, International Advanced Technology Congress: Conference on Intelligent Systems and Robotics, 6-8 December 2005, Putrajaya, Malaysia.,

TEACHING

(LEVEL , COURSE)

First Degree

- * ITCE 3306 Microprocessors & Interfacing
 - * ITME 5310 Mechatronic Design (1)
 - * ITME 4308 Mechatronic Components
 - * ITCE 5319 Programmable Logic Controllers
 - * ITCE 5360 Telecommunication Network Engineering
 - * ITME 5311 Mechatronic Design (2)
 - * ITSN 1303 Electricity
 - * ITME 5314 Graduation Project Requirement
 - * ITSE 4316 Embedded System Design
 - * ITME 5413 Graduation Project
 - * ITME 3305 Mechanical & Manufacturing Engineering
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