



# Ashraf Ismail Saleem

Assistant Professor, Department of Electrical and Computer Engineering  
College of Engineering, Sultan Qaboos University  
P.O. Box 33, Al-Khod 123, Muscat, Sultanate of Oman  
Telephone: (968) 24142537  
Fax: (968) 24413454, E-mail:asaleem@squ.edu.om

## Education

Ph.D., Mechatronics Engineering, DeMontfort University, Leicester, UK, August 2006.  
MSc., Mechatronics Engineering, DeMontfort University, Leicester, UK, Sep. 2003.  
BSc., Electrical Engineering/computer, Philadelphia University, Amman, Jordan, Sep. 2000.

## Academic Experience

Assistant Professor (Sep. 2013- on going), Department of Electrical and Computer Engineering, College of Engineering, Sultan Qaboos University, Muscat, Oman.  
Associate Professor (Sep. 2012- Sep. 2013), Department of Mechanical Engineering, College of Engineering, Taibah University, Al Madinah Al Munawara, KSA.  
Associate Professor (May 2012- Sep. 2012), Department of Mechatronics Engineering, College of Engineering, Philadelphia University, Amman, Jordan.  
Assistant Professor (Sep. 2006- May 2012), Department of Mechatronics Engineering, College of Engineering, Philadelphia University, Amman, Jordan.  
Demonstrator, (Sep. 2000-Sep 2002), Department of Electrical Engineering, College of Engineering, Philadelphia University, Amman, Jordan.

## Non-Academic Experience

N/A

## Certifications or Professional Registrations

N/A

## Current Membership in Professional Organizations

- 1- Member, Institute of Electrical and Electronics Engineering, IEEE (USA).
- 2- Member, IEEE-Oman section executive board (2015- ongoing)
- 3- Officer, IEEE-Oman section students activities (2016-2017)
- 4- Officer, IEEE-Oman section technical activities (2017- ongoing)

## Honors and Awards

- 1- Distinguished Teacher Award (2017), Sultan Qaboos University.
- 2- Distinguished Achievements Award (2016), Sultan Qaboos University, in recognition of distinguished performance in scientific and research achievements during year 2015-2016.
- 3- Distinguished Volunteer (2015), IEEE Oman Section.
- 4- PhD scholarship Award (2003), Philadelphia University, 2003-2006.
- 5- MSc scholarship Award (2002), Philadelphia University, 2002-2003.



### **Service Activities**

- 1- Steering Committee for Mechatronics Engineering Program (2013- on going)
- 2- Engineering Society Advisors and Social Activities committee (2015-on going)
- 3- ABET Accreditation Committee (2016- on going)
- 4- Final Year Project Committee (2013-on going)
- 5- Student Society Committee, (2014- on going)
- 6- Curriculum Development Committee, (2013-on going)
- 7- National Committee of the cognition development program for the students' scientific innovations, robotics, and artificial intelligence

### **Selected Publications**

- [J1] Mohammed Shafiq, Ashraf Saleem, Mostefa Mesbah, Model-free data driven control for trajectory tracking of an amplified piezoelectric actuator, *Sensors and Actuators: Physical A*, Volume 279, Pages 27–35, August 2018.
- [J2] Ashraf Saleem, Hisham Soliman, Serein Al-Ratrout, Mostefa Mesbah, Design of fractional order PID controller with application to induction motor drive, *Turkish Journal of Electrical Engineering and Computer Science*, accepted for publication, 2018.
- [J3] Mahmoud Masoud, Ashraf Saleem, AL-Abri Rashid, Real-time Gating Signal Generation and Performance Analysis for Fully Controlled Five-phase, 10-pulse, Line-commutated Rectifier, *IET Power Electronics*, Volume: 11, Issue: 4, pp 744 – 754, 2018.
- [J4] Ashraf Saleem, Hisham Soliman, Serein Al-Ratrout, Mahmoud Masoud, Robust speed control design for electric motors using the Kharitonov theorem and Genetic Algorithms: An experimental study, *International Journal of Modelling Identification and Control*, Vol. 30, No. 3, 2018.
- [J5] Hisham M Soliman, Ashraf Saleem, Tarek A Tutunji, Serein Al Ratrout, Robust digital pole-placer for electric drives based on uncertain Diophantine equation and interval mathematics, *Transactions of the Institute of Measurement and Control*, Vol. 40(8) 2546–2559, 2018.

### **Professional Development Activities**

- 1- 1st International Conference on Unmanned Vehicle Systems (UVS-Oman 2019), TPC Co-Chair & publication chair, Sultan Qaboos University, Oman.
- 2- The 4th MEC International Conference on Big Data and Smart City, TPC Co-Chair, Middle East College, Oman.
- 3- 10th IEEE GCC Conference and Exhibition 2019, TPC member, Kuwait
- 4- The International Conference on Smart Computing and Informatics (ICSCIT 2019), TPC member, Al Buraimi University, Oman.
- 5- 8th IEEE GCC Conference and Exhibition 2015, TPC Co-chair & Publication chair, SQU, Oman.
- 6- Public Lecture: Robotics, mechatronics, and their applications, 8th Feb 2016, Modern college of business and science, Oman.