

Faculty C.V.

1. **Name:** Dr. Mohammed El-Abd

2. Education

- PhD, ECE department, University of Waterloo, Canada, 2008.
- M.Sc., Computer Engineering department, Ain Shams University, Egypt, 2003.
- B.Eng., Computer Engineering department, Ain Shams University, Egypt, 1998.

3. Academic Experience

- American University of Kuwait, Associate Professor of Computer Engineering, 2016 – Present, Full-time.
- American University of Kuwait, Assistant Professor of Computer Engineering, 2010 – 2016, Full-time.
- Ain Shams University, Assistant Professor of Computer Engineering, 2009 – Full-time.

4. Certificates

- Certificate of University Teaching (CUT) provided by the Centre of Teaching Excellence (CTE) at the University of Waterloo (Fall 2009).

5. Current Membership in Professional Organizations

- IEEE, senior member.
- Egyptian Syndicate of Engineers.

6. Honors and Awards

- Research Initiation, AUK, 2016.
- Best Paper Award, IEE EDUCON, 2015.
- Most Supportive Faculty Member, AUK, 2013.
- AUK-Dartmouth Fellowship, 2012.
- Professional Development, AUK, (8 times) 2010-Present.
- Project Supervision Awards:
 - Harvesting Robot, Second place winner at the 2017 Kuwait Maker Faire – KD1500.

- Kinect Smart Home, Third place winner at the 2016 Smart Kuwait Competition – Smart Home Category.
- Waiter Robot, Fourth place winner at the 2015 IEEE Kuwait event for Women in Engineering.
- Mine Detection Robot, Third place winner at 2015 workshop on Assistive Robotics – KD300.
- Cooperative Garbage Collecting Robots, First place winner at the 2015 IEEE Kuwait event for Women in Engineering.
- Gardening Robot, Best Poster Presentation Award at URC 2015.

7. Service Activities to the University

- **Chair**, College Curriculum Committee (CCC), AUK, 2016 – 2017,
- **Member**, University Curriculum Committee (UCC), AUK, 2016 – 2017,
- **Member**, ECE Budget Committee, 2016 – 2017,
- **Member**, ECE Research Committee, 2016 – 2017, 2015 – 2016,
- **Member**, ECE Internship ad hoc Committee, 2015 – 2016,
- **Coordinator**, ECE Advising ad hoc Committee, 2015 – 2016.
- **Supervisor**, The Robotics IEEE technical team, 2016 – 2017, 2015 – 2016,
- **Faculty member**, The FABLAB IEEE technical team, 2016 – 2017, 2015 – 2016,
- **Co-Chair**, Student Code of Conduct and Grievance Board, AUK, 2014 – 2015,
- **Chair**, ECE Exhibition Organization Committee, 2014,
- **Chair**, ECE Seminar Series Committee, 2014,
- **Chair**, ABET accreditation Data Collection subcommittee, computer engineering program, American University of Kuwait, 2016 – 2017, 2015 – 2016, 2014 – 2015, 2013 – 2014, 2012 - 2013, 2011 – 2012,
- **Member**, ECE Exhibition Organization Committee, 2015,
- **Member**, College Grade Appeal Committee, 2013 – 2014,
- **Member**, AUK-AHELO (Assessment of Higher Education Learning Outcomes) committee, 2012.
- **Member**, ECE Assessment and Curriculum Committee (ACC), 2016 – 2017, 2015 – 2016, 2014 – 2015, 2013 – 2014,
- **Member**, ABET Accreditation Executive Committee, computer engineering program, American University of Kuwait, 2016 – 2017, 2015 – 2016, 2014 – 2015, 2013 – 2014, 2012 - 2013, 2011 – 2012,
- **Member**, Grade Appeal Committee, division of sciences and engineering in the American University of Kuwait, 2012 – 2013, 2011 – 2012, 2010 – 2011,
- **Member**, Professional Development Committee (PDC), AUK, 2013 – 2014, 2012 – 2013, 2010 – 2011,

8. Service Activities to the Profession

- **Associate editor**, Swarm and Evolutionary Computation (Elsevier) – (2016 – Present).
- **Technical reviewer**, IEEE Transactions on Evolutionary Computation, Information Sciences, Swarm Intelligence, Neural Computing and Applications, Memetic Computing, Applied Soft Computing, Journal of Heuristics, Digital Signal Processing, Soft Computing, Inverse Problems in Science & Engineering, International Journal of Robotics and Automation,
- **Program committee member**, IEEE-CEC, IEEE-SSCI, IEEE-GCC, IEEE-EDUCON, GECCO, ANTS, ICINCO, ICNC.