

**1 Name & Rank:** Maha Husain Faisal, Assistant Professor.

## 2 Education

Degree	Discipline	Institution	Year
Ph.D.	Computer Engineering	University of Colorado, U.S.A.	2005
M.Sc.	Computer Engineering	Kuwait University	2000
B.S.	Computer Engineering	Kuwait University	1997

## 3 Academic Experience

Institution	Designation	Year/Period	FT/PT
Kuwait University	Assistant Professor	2017-Present	FT
Kuwait University	Teacher Assistant	2006 - 2011	FT

**4 Non-Academic Experience:** None

**5 Certifications / professional registrations:** None

## 6 Membership in Professional Organization:

- IEEE Computer Society
- ACM.

## 7 Honors and Awards:

- Research grant, "Mobile Cloud Computing for Complex Mobile Web Services", KFAS, Col, 2014.
- Research grant, "Towards a Safe Social Networks Experience for Youth" EO 03/11, Kuwait University, PI, 2011 - 2012.

## 8 Service Activities:

- Ministry of Justice, Seconded expert, 2011-2012.
- Referee for College of Technological Studies, Public Authority for Applied Education, 2012-2013.
- Member of the Steering Committee for Kuwait eContent Award- season 6, The Kuwait Foundation for the Advancement of Science, 2015-2016.
- Coordinator of Software Engineering Group, 2005-2006.
- Coordinator of Ad-hoc Committee (capstone design reform) 2008-2010.
- Coordinator of Annual Report Committee 2008-2009, 2010-2011 and 2016-2017
- Coordinator of Assessment Committee, 2010-11, 2011-2012, 2012-2013, 2015-2016, 2021-2022, 2022-23, 2023-24
- Council Secretary, 2006-2008.
- Supervisor of Software Engineering Lab, 2005-2007
- Supervisor of Department's Website, 2005-2006.
- Member of Assessment Committee, 2007-2010, 2014-2015, 2016-2017, 2017-2018, 2018-2019.
- Member of Labs and budget Committee, 2007-2008, 2017-2018, 2018-2019.
- Member of UPC Committee, 2011-2012, 2012-2013, 2015-2016, 2021-2022, 2022-2023, 2023-2024
- Member of the Capstone Design Committee 2015-2016, 2018-2019, 2020-2021
- Member of students' affairs committee 2014-2015.
- Member of student thesis examination committee, 2011-2012.

## 9 Publications and Presentations (from past five years):

- a. **Faisal, M.**, & AlQouz, E. H. (2024). Utilizing Crowdsourced Heuristic Evaluation in the Assessment of User Experience for Online Tools. *Communications in Computer and Information Science, CCIS*, 132-137.
- b. Almutawa, S. S., & **Faisal, M.** (2023). Deep Learning for Digital Safety: Cyberbullying Detection in Arabic YouTube Content. *Proceedings - 2023 10th International Conference on Social Networks Analysis, Management and Security, SNAMS 2023*.
- c. Alabdulhadi, A., & **Faisal, M.** (2021). Systematic literature review of STEM self-study related ITSs. *Education and Information Technologies*, 26(2), 1549-1588.
- d. Alenezi, H. S., & **Faisal, M. H.** (2020). Utilizing crowdsourcing and machine learning in education: Literature review. *Education and Information Technologies*, 25(4), 2971-2986.
- e. **Faisal, M.**, Bourahma, A., & AlShahwan, F. (2021). Towards a reference model for sensor-supported learning systems. *Journal of King Saud University - Computer and Information Sciences*, 33(9), 1145-1157.
- f. Alshahwan, F., & **Faisal, M. H.** (2019). Security Building Blocks in Internet of Things (IoT) for Providing Adaptive Mobile Web Services. *BRAIN. Broad Research in Artificial Intelligence and Neuroscience*, 10(1), 30-42.
- g. Alshammari, A., Alsumait, A., & **Faisal, M.** (2018). Building an Interactive E-Learning Tool for Deaf Children: Interaction Design Process Framework. *2018 IEEE Conference on e-Learning, e-Management and e-Services, IC3e 2018*, 85-90.
- h. Alsumait, A., & **Faisal, M.** (2018). CLTD: Collaborative learning tool for Deaf. *ACM International Conference Proceeding Series*, 146-151.
- i. Karaata, M. H., Hamdan, A., **Faisal, M. H.**, & Alshawan, F. A. (2018). Fault Detection for Message Passing Systems. *Journal of Circuits, Systems and Computers*, 27(5).

## 10 Recent Professional Development Activities:

- a. "Workshop on Enhancing Online Courses Using E-Learning Tools" Workshop, Kuwait, 2007-2008.
- b. "Workshop on Dynamic Teaching in Science and Engineering" Workshop, Kuwait, 2009 - 2010.
- c. "Workshop on Outcome Based Teaching and Assessment" Workshop, Kuwait, 2010 - 2011.
- d. "Workshop on Scientific Writing and Publishing" Workshop, Kuwait, 2011 - 2012.
- e. Workshop on Engineering Professional Skills Assessment (EPSA) related to ABET Engineering Accreditation Commission's Criterion 3 Student Outcomes. May 2015
- f. UCB Teaching Excellence Program hosted by KFAS. March 2016.
- g. Workshop on Outcome Based Teaching and Assessment-professional skills" April 2016
- h. Workshop on Entrepreneurial Education, April 2016.
- i. Workshop on Learning by Design, March 2018.
- j. Workshop on Entering and manipulating Data Using Spss, February 2018.
- k. DISPLAY MATERIALS for ABET Visit, November 2022.
- l. Workshop on Assessment of Student Learning, ABET, March 2023.
- m. Workshop on Improving Student Learning using Effective Assessment within ABET Framework, November 2023.
- n. Workshop on Effective Use of Survey Data in ABET Accreditation. April 2024.