

Ola Al-Shalash

Lecturer of Mechanical Engineering

Education

May. 2019- Aug. 2020	University of Texas at Tyler, UT Tyler Master of Science in Mechanical Engineering (Transferred from UTRGV)	Houston-Texas, United States
Aug. 2018- May 2019	University of Texas Rio Grande Valley, UTRGV Graduate Certificate in Thermal Fluid Science Master of Science in Mechanical Engineering (Transferred to UT Tyler)	Edinburg- Texas, United States
Oct. 2010- May 2015	The American University of Iraq, Sulaimani, AUIS Bachelor of Science in Mechanical Engineering, five years program.	Sulaimani, Iraq

Professional Experiences

Jan. 2021- Present	University of Texas at Tyler • Mechanical Engineering Lecturer - Mechanical Engineering Department.	Work	Houston-Texas, United States
Aug. 2019- Aug. 2020	University of Texas at Tyler • Mechanical Engineering Instructor of record - Mechanical Engineering Department.	Work	Houston-Texas, United States
Sep. 2018- May 2019	University of Texas Rio Grande Valley • Graduate Teaching Assistant in the Analysis labs- Mechanical Engineering Department	Work	Edinburg-Texas, United States
Nov. 2015- Aug. 2018	Korek Engineering Systems, KES KES is a System Integrator of Schneider Electric, Alerton/ Honeywell, Wonderware, & OMRON • QHSE Manager (Quality, Health, Safety and Environmental), Jan.2018 - Aug. 2018: • Head of QMS (Quality Management System), Mar. 2017 - Jan. 2018: ❖ Established the Integrated Management Systems (IMS) that includes the below ISO standards: 1. ISO 9001: 2015 - Quality Management System (QMS) 2. ISO 14001: 2015 - Environmental Management System (EMS) 3. OHSAS 18001: 2007 - Occupational Health & Safety Management System • Training Program Manager, Sep. 2016 - Aug. 2018 • Mechanical Engineer, Nov. 2015 - Sep. 2016 , at the Engineering and Document Control Department.	Work	Sulaimani, Iraq
Aug. 2015	Lafarge Holcim (execution, inspection, & planning dept.)	Intern	Tasluja, Iraq
Jun. & Jul. 2014	Korek Engineering Systems (HMI, BMS, & SCADA sys.)	Intern	Sulaimani, Iraq
Jan. & Feb. 2014	Schlumberger (wireline segment)	Intern	Erbil, Iraq
Sep. 2013- May 2014	AUIS Math and Science Center/ Laboratory	Tutor / Lab Assistant	Sulaimani, Iraq

Leadership and Activities

Mar. 2022 – Mar. 2023	American Society for Engineering Education	Member	USA
Nov. 2016- Feb. 2018	AUIS Five Years Strategic Planning Committee	Member	Sulaimani, Iraq
Mar. 2016- Mar. 2017	AUIS Alumni Association	President	Sulaimani, Iraq

Training Programs and Further Education Courses

Sep. 2021 – May 2022	Association of College and University Educators (ACUE) • Got accepted to join the 2021-2022 ACUE Fellows Cohort/ ACUE Effective Teaching Practices. It is an eight-month Effective Teaching Course contains the following five units: designing an effective course, establishing a productive learning environment, using active learning strategies, promoting higher order thinking, and assessing to inform instruction & promote learning.	Online
July 2021	National Effective Teaching Institute (NETI 2A) • Intensive training course to develop participants' ability to adopt inquiry-based learning strategies.	Online
July 2020	National Effective Teaching Institute (NETI 3B) • Intensive training course to implement effective teaching methods in a virtual or online environment.	Online
Oct. 2017	IMS Lead Auditor Training Course by Lloyd's Register (LRQA Training Services) • Intensive training course of the Integrated Management Systems (IMS) focused on: ISO 9001:2015, ISO 14001:2015, and OHSAS 18001:2007's standard requirements, clauses and implementation. Certificate Number MEA/ 177147 from LRQA , a world's wide certification body.	Dubai, UAE
Jun. & Jul. 2013	Saint Mary's College (Study of the United States Institute on Women's Leadership) • Intensive academic program focused on human rights, the history of women's leadership and the participation of women in the public sphere in the United States.	Indiana, United States

Publications

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| 1. Sustainability assessment of wind turbines using fuzzy logic | Heat Transfer | Published/ Summer 2020 |
| 2. Remote Laboratory-Based Learning in A Thermal Fluid Course | In ASEE Annual Conference and Exposition | Accepted/ Spring 2022 |
| 3. Early Detection of Metacognition Disparity Using a Fuzzy-Logic Based Model | In IEEE Frontiers in Education Conference (FIE) | Accepted/ Spring 2022 |

Honors & Awards

August 2018	Dean's New Graduate Student Scholarship	UTRGV
Spring 2015	Dean's List of Honor	AUIS
May 2015	Best Capstone Project Award	AUIS (Department of Engineering)
Spring 2009	Full Academic Sponsorship Awarded	AUIS