
Dr. Suliman Alqalaf

1. Name and contact information

Name: Suliman Alqalaf
Rank: Assistant Professor
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2. Education

Degree	Field	Institution	Year
PhD.	Chemical Engineering	University of Florida	2020
M.S.	Chemical Engineering	University of Florida	2017
B.S.	Chemical Engineering	Kuwait University	2011

3. Academic experience

Institution	Designation	Year
Kuwait University	Assistant Professor	2021 - present

4. Non-academic experience

Organization	Designation	Year
Kuwait National Petroleum Company (KNPC)	Process Engineer	2012-2015

5. Honors and awards

- Kuwait University Fellowship For overseas MS and PhD education (2015).
- Kuwait National Petroleum Company Attachment Program To attend The Petrofac Academy, Sharjah, UAE (2014)

6. Publications and Presentations

- GRACE Symposium, “Offset Free Incremental Model Predictive Control” Graduate Association of Chemical Engineers, November 2019.
- KNPC SOJT Workshop, “Improving the structured on-job training,” Kuwait National Petroleum Company under development engineers’ workshop, March 2013.

4. Funded Research

- Improving the control scheme of the direct methanol fuel cells (DMFC) with Incremental Model Predictive Controllers (IMPC).
 - The development of Proportional Integral Observers with Factored Integral Gains to produce biased free estimations.

5. Supervised Thesis

- Dissertation: “Offset Free Model Predictive Control Design, Analysis and State Estimation” Committee: Oscar Crisalle (chair), Peng Jiang, Anil Rao, Jason Weaver. University of Florida, December 2020.

6. Training Courses (taught by faculty for Engineers)

- Petrofac Academy Certification, Petrofac, UAE, March 2015
Description: Intensive course in chemical engineering principles.
- Norman Lieberman Process Troubleshooting Intensive Course, December 2013