

Dr. Yousef E. Al-Shamlan

Name and contact information

Name: Yousef E. Al-Shamlan
Rank: Assistant Professor
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Education

Degree	Field	Institution	Country	Year
PhD.	Chemical Engineering	Rice University	USA	2022
M.S.	Chemical Engineering	Rice University	USA	2019
B.S.	Chemical Engineering	Kuwait University	Kuwait	2016

Academic Experience

Institution	Designation	Country	Year/period
Kuwait University	Assistant Professor	Kuwait	2023 – Now
Rice University	Teaching Assistant	USA	2018 – 2021
Kuwait University	Scholarship Teaching Assistant	Kuwait	2017 – 2023

Non-academic experience

Office/Organization	Designation	Year
Technical Committee / Gulf Downstream Association	Committee Member	2023 – Present
Enertec Oil & Gas	Consultant	2023 – Present
Local Marketing / Kuwait National Petroleum Company	Depots Engineer	2016 – 2017

Membership in professional organization

Society Name	Type of Membership	Year
AIChE - Kuwait University Student Chapter	Faculty Advisor	2023 – Present
AIChE	Member	2022 – Present

Honors and awards (Most Recent/Distinguished)

Honor/Award	Date
Kuwait Science Club Competition Judge Award	2024
Engineering Admissions Exhibition Reward	2024
Engineering Admissions Exhibition Reward	2023
Kuwait Science Club Competition Judge Award	2023

Journal Publications (Most Recent/Distinguished)

- On the Development of a New Range of Asphaltene Deposition Inhibitors (**Paper awaiting approval**)
- Mechanistic Investigation of Asphaltene Under High Operating Conditions (**Paper awaiting approval**)
- Mechanistic Investigation of Asphaltene-Induced Fouling in Preheat Trains of Refinery Crude Distillation Units (**Paper under review**)

Conference Publications and Presentations (Most Recent/Distinguished)

- Mechanistic Investigation of Asphaltene-Induced Fouling of Heat Exchangers – AIChE Annual Meeting – Phoenix, AZ – November 14, 2022
- Mechanistic Investigation of Asphaltene-Induced Fouling of Heat Exchangers – Heat Exchanger Fouling and Cleaning Conference – Wagrain, Austria – June 5-10, 2022

Recent professional development activities

Role in Service	Service Type	Surface Title / Description	Year
Lecturer	Training Course	Integrated Training Program for Gas Manufacturing Engineers	2024
Judging Committee Member	Scientific Competition and Fair	Kuwait Competition for Science and Engineering (10 th)	2024
Department Committee Chair	Exhibition for High School Students	Engineering Admissions Exhibition	2024
Department Committee Member	Exhibition for High School Students	Engineering Admissions Exhibition	2023
Judging Committee Member	Scientific Competition and Fair	Kuwait Competition for Science and Engineering (9 th)	2023

Supervision of graduate students (Most Recent/Distinguished)

Title	Type	Name of Student	Date of Completion
Predicting the Deposition Rate for Asphaltene Fouling in a Shell & Tube Heat Exchanger	Project	FATEMAH A A A M A MOHAMMED	July 2024