

Dr. Yousef Easa Al-Shamlan

1. Name and contact information

Name: Yousef Easa Al-Shamlan

Rank: Assistant Professor

Address: Office Room Number: S03D1138, Chemical Engineering Department, College of Engineering and Petroleum, Kuwait University (Al-Shadadiya)

E mail: yousef.alshamlan@ku.edu.kw

2. Education

Degree	Field	Institution	Year
PhD.	Chemical and Biomolecular Engineering	Rice University	2019-2022
M.S.	Chemical and Biomolecular Engineering	Rice University	2017-2019
B.S.	Chemical Engineering	Kuwait University	2011-2016

3. Academic Experience

Institution	Designation	Year/period
Rice University	Teaching Assistant	2018
Rice University	Teaching Assistant	2019
Rice University	Teaching Assistant	2020
Rice University	Teaching Assistant	2022
Rice University	Lab Technician/Assistant	2019-2022
ENNOVA LLC	Research & Development Intern	2020-2022
American Institute for Chemical Engineers	Student Chapter- Faculty Advisor	2023-2025
Kuwait University	Professional Society & Training Committee Head	2023-2024
Kuwait University	Course Scheduling Committee Member	2023-2024
Kuwait University	Departments Appointments Committee Member	2024-Present
Kuwait University	Course Scheduling Committee Head	2024-Present

4. Non-academic experience

Organization	Designation	Year
Kuwait National Petroleum Company	Depots Engineer	2016-2017

Enertec Oil and Gas	Consultant	2020-Present
Gulf Downstream Association	Technical Committee Member	2023-Present

5. Membership in professional organization

- American Institute for Chemical Engineers
- Gulf Downstream Association

6. Recent honors and awards

- Kuwait Science Club Competition Judge Award
- Engineering Admissions Exhibition Reward

7. Publications and Presentations

- On the Development of a New Range of Asphaltene Deposition Inhibitors (**Paper awaiting approval**)
- Mechanistic Investigation of Asphaltene Precipitation and Deposition in Heat Exchangers (**Paper awaiting approval**)
- Mechanistic Investigation of Asphaltene-Induced Fouling in Preheat Trains of Refinery Crude Distillation Units (**Paper under review**)
- Mechanistic Investigation of Asphaltene-Induced Fouling of Heat Exchangers – Heat Exchanger Fouling and Cleaning Conference – Wagram, Austria – June 5-10, 2022
- Mechanistic Investigation of Asphaltene-Induced Fouling of Heat Exchangers – AIChE Annual Meeting – Phoenix, AZ – November 14, 2022

8. Recent professional development activities

- New Faculty Training – Kuwait University
- Preparation of Assessment Data – ICEF and Student Outcome Evidence