



# FARAH GHAZI FAHAD

**Profile:** Female, Single, and Iraqi

**Career:** Chemical Engineer.

**Location and date of birthday:**  
Baghdad – Iraq / 1994.

## CONTACT

PHONE:

07727900548

EMAIL:

[ghazifarah341@gmail.com](mailto:ghazifarah341@gmail.com)

Experienced Chemical Engineering instructor with expertise in Fluid Mechanics, Heat Transfer, Combustion, and Corrosion. Passionate about teaching, mentoring students, and promoting innovative engineering solutions.

### **Educational Qualifications:**

-Bachelor of Chemical Engineering-Diyala University /College of Engineering - 2016.

- Master of Chemical Engineering- University of Technology College of Engineering / 2024.

### **Published works**

1- I published a paper with title (Advancements in Liquid Desiccant Technologies: A Comprehensive Review of Materials, Systems, and Applications) sustainability journal (MDPI)/ 2023.

2- I published a paper with title (Dehumidification Using LiCl, CdCl<sub>2</sub>, And NaCl Inorganic Liquid Desiccant Materials With Cellulose And Plastic Packing) jstec.taylors journal.

3- I published a paper with title Equilibrium and Thermodynamics Analysis of Moisture Capturing by Solid Desiccant for Environmental Issues.

4- I published a paper with title A response surface technique to optimize dehumidification by liquid desiccant in hot, humid areas.

### **Conferences:**

1- I attended and participated in the following conference (1<sup>st</sup> international Conference of The Future Sustainable Energy).

2- I attended and participated in the following conference (International Conference on Sustainability Systems Development (IGSSD 2024)).

3- I attended and participated in the following conference (The Fifth International Conference on (Geotechnical Engineering - Iraq (Sicge-Iraq)).

### **Experiences:**

- Lecturer at Al-Turath University / College of Engineering / Department of Petroleum & Gas Refining Engineering (from 1/9/2024 to now).

- Womens Affairs liaison- College of Engineering at AL-Turath University (2024-2025).

- Liaison Member for the International Erasmus Mundus Program, Faculty of Engineering, AL-Turath University (2025-2026).

- Head of Quality Assurance Division, College of Engineering, Al-Turath University

- Department Coordinator, Petroleum Refining and Gas Engineering Department, College of Engineering, Al-Turath University

### **Research and Academic interests:**

- Dehumidification of air using desiccant systems.

- Heat transfer and thermodynamic systems.

- Taught a range of Chemical Engineering Subject, including (Fluid Flow, Heat Transfer, Refinery Management & Engineering Ethics, Corrosion, Computer Science, and Combustion).

### **Training and certificates:**

- I have a certificate of completion (Microsoft Power point 2019) online course on 13/4/2020 from Udemy.

- I have a certificate of completion (IT training) from Terre des hommes.

### **IT Skills:**

- Operating systems: Windows XP, 7, 10.
- Programs: Office Tools.
- Internet: very good.
- Design of experiments statistical analysis, Mendely, Design Expert.
- Chemical Engineering Programs.
- AI tools.
- Bologna Process System.

### **Strength and Skills**

- Excellent communication skills.
- Volunteer.

### **Languages:**

- Arabic: Mother's tongue.
- English: Fluent in reading, writing, and speaking.