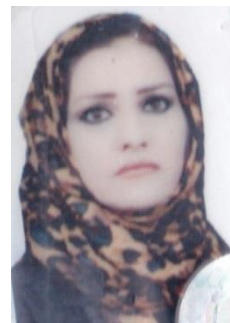


CURRICULUM-VITAE

Samira.N.Abdullaha Glaf



Chemical and Process Engineering, Ph.D

PERSONAL INFORMATION:

Passport Number: A20069057
Address: Iraq - Baghdad
Nationality: Iraqi
Marital Status: Single
Sex: Female
Religion: Muslim
Language: Arabic, English
Mobile: 07903709460
E-Mail: Samira.N.abdullaha@uotechnology.edu.iq

Orcid ID: <https://orcid.org/my-orcid?orcid=0000-0001-7521-591X&justRegistered>
Web of Science <https://publons.com/dashboard/summary/>
Scopus <https://www.scopus.com/home.uri>

EDUCATION:

PhD, Chemical Engineering, wastewater treatment Engineering.

Department of Chemical Engineering, collage Engineering, University of Baghdad (2019).

Research Topic: Removal of Oil and Phenol from Wastewater by combining Ultrasound and Ion Exchange Technique

Advisors: Prof.Dr. Najwa S.Majeed.

MSc, Chemical Engineering

Chemical Engineering Department/University of Technology [2005]

Research Topic: Study Experimentally the Efficiency of Desalination using Reverse Osmosis & Theoretically the Combination of Reverse Osmosis & Vapor Compression .

Advisors: Prof. Dr. Thamer J.Mohammed

BSc, Chemical Engineering

Department of Chemical Engineering, Faculty of Engineering, University of Technology, Baghdad, Iraq [1994-1995]

Research Topic: Production of acetylene gas

Advisors: Dr. Aroub Nafa

WORK EXPERIENCE:

Nature of Employment

- ❖ Creating research proposals.
- ❖ Planning and conducting experiments.
- ❖ Prepare and Presentation of research reports.
- ❖ Supervising junior and senior students.
 - ❖ Monitoring experiments.
 - ❖ Analyzing data.
 - ❖ Develop new techniques and products.
- ❖ Administrative duties (e.g. purchase of chemicals and equipment and Coordinate collaborations).

Lecturer in Chemical Engineering & petroleum pollution Branch, Department of Chemical Engineering, Technology University, Iraq-Baghdad [2020-2024].

Nature of Employment

Teaching undergraduate students in addition to planning lessons and activities, moreover, carrying out research and administrative tasks.

Director of Technology Incubator and Ecosystem Unit -Technology Incubator and Ecosystem Unit, Department of Chemical Engineering, Technology University, Iraq-Baghdad [October 2024 - Present].

Head of Quality Assurance Unit– Division of Quality and University Performance, Department of Chemical Engineering, Technology University, Iraq-Baghdad [February 2023 - Present]

Nature of Employment

The task of the head of the quality assurance unit is to apply and follow - policies and practices that ensure the quality of higher education and new education programs, including the

development, validation, modification, and continuous monitoring of subjects, programs, and modules. These arrangements include program validation and modification, periodic review of courses, module evaluation & student feedback, and performance analysis at module and program level.

Ts (Professional Technologist) – Malaysia Board of Technologists (MBOT), Putrajaya, Selangor – Malaysia [July 2023 – July 2025]

Nature of Employment

Perform the functions of a Technician, Scientist, Students, or some limited functions of a Professional Engineer. In addition to planning lessons and activities, carrying out research and administrative tasks.

Researcher and Teaching Fellow – Department of Chemical & Process Engineering and Research Center for Sustainable Process Technology (CESPRO), Faculty of Engineering and Built Environment , Universiti Kebangsaan Malaysia , Bangi , Malaysia [November 2019 - December 2021]

Nature of Employment

- ❖ Carry out teaching, researching, and administrative tasks.
- ❖ Creating research proposals.
- ❖ Planning and conducting experiments.
- ❖ Prepare and Presentation of research reports.
- ❖ Supervising junior and senior students.
 - ❖ Monitoring experiments.
 - ❖ Analyzing data.
 - ❖ Develop new techniques and products.
- ❖ Administrative duties (e.g. purchase of chemicals and equipment and Coordinate collaborations).

Postgraduate Research Fellow - Department of Chemical & Process Engineering and Research Center for Sustainable Process Technology (CESPRO), Faculty of Engineering and Built Environment , Universiti Kebangsaan Malaysia , Bangi , Malaysia [August 2015 - October 2019]

Nature of Employment

- ❖ Carry out teaching, researching, and administrative tasks.
- ❖ Supervise students and junior research staff.
- ❖ Write scientific articles and grant proposals.
- ❖ Prepare and Presentation of research reports.
- ❖ Administrative duties (e.g. purchase of chemicals and equipment and Coordinate collaborations).

Researches Achieved

Removal of Organic Material Contaminants from Wastewater of Petroleum refinery ❖
by Employing Ultrasound,

Removal of dissolved organic compounds from wastewater of a petroleum refinery by ion exchange. ❖

Nature of Employment

- ❖ Write scientific articles and grant proposals.
- ❖ Prepare and Presentation of research reports.
- ❖ Administrative duties (e.g. purchase of chemicals and equipment and Coordinate collaborations)

Researches Achieved

- ❖ Applications of Nano-composites in Industrial Systems.
 - ❖ Gasoline Diffusivity of Polypropylene-Polycarbonate Composites.
 - ❖ Evaluation of Different Materials for Biodiesel Production.

Teaching Assistant & Lab Demonstrator - Chemical Industries Department, Institute of Technology, MBOT, Malaysia [November 2007 - February 2009]

Nature of Employment

- ❖ Teaching Units Operations for undergraduate students.
- ❖ Planning lessons and activities that facilitate students acquisition of basic and advanced research skills.
- ❖ Instructing in a manner that develops students' confidence in their abilities.
- ❖ Observing and managing classroom dynamics.
- ❖ Invigilating and grading projects, quizzes, and examinations.
- ❖ Tracking and communicating students advancement throughout the course.
- ❖ Attending institute conferences.

TEACHING INTERESSETS:

I am well equipped to instruct introductory and advanced courses on the:

- ❖ Chemical and Process Engineering
- ❖ Renewable Energy
- ❖ Equipment Design
- ❖ Air Pollution
- ❖ Material and Energy Balance
- ❖ Wastewater treatment engineering
- ❖ Transport Phenomenon
- ❖ Fluid Flow
- ❖ Reactor Design
- ❖ Fuel Technology
- ❖ Separation Process

- ❖ Management and Engineering economic
- ❖ Nanotechnology
- ❖ Applied Mathematics.
- ❖ Training.

RESEARCH SKILLS

OTHER SKILLS:

- ❖ Capable of carrying out both independent and collaborative research.
- ❖ Good interpersonal and communication skills along with the management skill.
- ❖ Good experience in writing and editing technical papers, presentations and reports.
- ❖ Supervision of PhD, masters and bachelor's students for their research works.
- ❖ High level of drive and flexibility to work in a rapidly development environment.