

# Curriculum Vitae



## Personal data

180500306	<b>Job No.</b>	Zainab Abdulmaged Kalaf	<b>Name</b>
Teacher Doctor	<b>Scientific title</b>	1988-8-8	<b>Newborns</b>
Engineering/Electromechanical Department	<b>College/Department College</b>	University of Samarra	<b>Workplace</b>
Phenomena Transmission	<b>Specialization</b>	Chemical Engineering	<b>General specialty</b>
Zainab.abd@uosamarra.edu.iq	<b>Email</b>	-	<b>Telephone No.</b>
Edmodo , Word , Excel , Power point , Class room ,Google meet, Zoom, FCC, MATLAB , Photoshop , Assessment system			<b>Experience</b>
IREX , T.O.T	<b>Other certificates</b>	Arabic and English	<b>Languages</b>
<a href="https://scholar.google.com/citations?user=V-oYrLEAAAAJ&amp;hl=ar&amp;authuser=1">https://scholar.google.com/citations?user=V-oYrLEAAAAJ&amp;hl=ar&amp;authuser=1</a>		Scholar google	<b>Accounts</b>
<a href="https://www.researchgate.net/profile/Zainab-Alsamarraie?ev=hdr_xprf&amp;sg=yIsTuHLOxZpjDRZDcmjaZjAPjrFxGHVcV_Lm36Qwdgh2tX2TJ1j39IMSGIGJVNWDwi81YQPZI5erVr6bEaIE6gzT">https://www.researchgate.net/profile/Zainab-Alsamarraie?ev=hdr_xprf&amp;sg=yIsTuHLOxZpjDRZDcmjaZjAPjrFxGHVcV_Lm36Qwdgh2tX2TJ1j39IMSGIGJVNWDwi81YQPZI5erVr6bEaIE6gzT</a>		Research gate	
<a href="https://www.scopus.com/authid/detail.uri?authorId=57220574555">https://www.scopus.com/authid/detail.uri?authorId=57220574555</a>		Scopus	
<a href="https://orcid.org/my-orcid?orcid=0000-0002-4331-9172">https://orcid.org/my-orcid?orcid=0000-0002-4331-9172</a>		Orcid	
<a href="https://publons.com/researcher/1755671/zainab-alsamarraie">https://publons.com/researcher/1755671/zainab-alsamarraie</a>		Publons	

## Academic qualifications

Degree	University	Major Graduation	date
Bachelor	Tikrit	chemical engineering	2010
Master	Tikrit	industrial process control	2014
PhD	Baghdad	Transmission of phenomena	2021

### Academic Rank:

Academic rank the body	Date of obtaining	The awarding
Assistant Lecturer	24/01/2016	Samarra University
Teacher	13/12/2020	Samarra University

### Administrative positions:

Job	Employer
Responsible for Quality Assurance Division	College of Archeology
Member of the E-Learning Committee	College of Archeology
Responsible for the Scientific Products Division	The Presidency of the University
Electromechanical Department	College of Engineering
Responsible for Quality Assurance Division	College of Engineering
Member of the National Classification Committee for Universities	College of Engineering
Member of the QS Ranking Committee	The Presidency of the University

### Conferences:

Conference name	Conference venue	Date
The first scientific conference of the Faculty of Archeology	University of Samarra	2020
The Third International Conference on Engineering Sciences and Advanced Technologies (IICESAT)	University of Babylon	2021
4th International Conference on Materials Engineering & Science (IConMEAS 2021)	University of Dohuk	2021
The International Scientific Conference for E-Learning at the Ministry of Higher Education and Scientific Research	the Ministry	2021
The Fifth International Scientific Conference of the College of Education	Samarra University -Erbil	2022

### Supervision of undergraduate students:

Research title	Number of students	Date
The effect of oil pollution on archaeological monuments	2	2016
Maintenance and cleaning of antique copper tools	2	2017
The difference between natural tar and synthetic tar	2	2020
Simulation of Heat Exchanger Dynamics and Its Control Study By Using MATLAB	2	2021

## Scientific production (published):

- 1- تأثير التلوث النفطي على المعالم الأثرية
- 2- استخدام تقنية النانو في عمليات ترميم الآثار
- 3- Using Of Ultrasound Waves To Desulphurization Of Commercial Kirkuk Diesel
- 4- Novel Routes For Heterogenizing Gold Nanoparticles For Catalytic Oxidation Using Molecular Oxygen
- 5- Improved Carbon Dioxide Capture By Nanofluids Containing Inorganic Nanoparticles And Binding Organic Liquid
- 6- Improving A New Binding Organic Liquid Of Nonaqueous Alkanolamine For Capturing Carbon Dioxide Using Saturated Cell
- 7- Intelligent Controllers Of Multiple Effect Evaporators Via Simulation
- 8- Artificial Neural Network Control Of A Multiple Effect Evaporators Via Simulation
- 9- Studying Of The Effect Of Many Parameters On A Bulk Liquid Membrane And Its Opposition In Cd(Ii) Removal From Wastewater
- 10- An Enhancement Concentrate On Bulk Liquid Membrane And Its Opposition In Copper Ion Expulsion And Recovery From Wastewater
- 11- Simulation Of Low-Concentration Heavy Metal Removal From Industrial Effluents With A Bulk Liquid Membrane Using Matlab
- 12- Simulation And Control Of Evaporator: Caustic Soda Concentrate
- 13- Absorption Of Oil From Uncleaned Waters By Using Aerogel Systems

## Courses (subjects):

<b>Course name (subject)</b>	<b>Academic year</b>	<b>Place of teaching</b>
Engineering drawing	2013	College of Engineering / Tikrit University
Analytical Chemistry Laboratory	2013	College of Engineering / Tikrit University
Organic Chemistry Laboratory	2013	College of Engineering / Tikrit University
Heat Transfer	2014	College of Petroleum and Mineral Engineering / Tikrit University
Control Laboratory	2014	College of Petroleum and Mineral Engineering / Tikrit University
Corrosion of archaeological minerals	2015	College of Archeology / University of Samarra
Environment and Pollution	2015	College of Archeology / University of Samarra
Metal corrosion	2016	College of Archeology / University of Samarra
Engineering drawing	2016	College of Archeology / University of Samarra
Building Maintenance	2017	College of Archeology / University of Samarra
Equipment Control	2018	College of Engineering / University of Anbar
Reactor Design	2018	College of Engineering / University of Anbar
Engineering drawing and surveying	2020	College of Archeology / University of Samarra
Heat transfer	2021	College of Engineering / University of Samarra
Engineering Mechanics	2022	College of Engineering / University of Samarra