



CV



Name: Raed H. Allawi

Date of birthday: 24\2\1980

Religion: Islam

Marital Status Married: Yes

No. of Children: Four

Position: University Lecturer

Specialization: Dilling Engineering

Scientific degree: Assistant lecturer

Work Address: College of Engineering - Alayen Iraqi University

Work Phone:

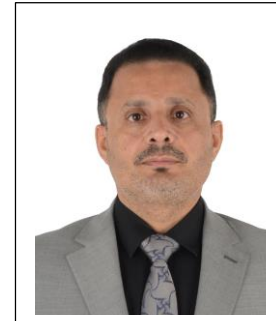
Mobile/ +9647826448291

Personal Email: raedallawi80@gmail.com

university Email: raed.Allawi@alayen.edu.iq

First, Scientific Certification:

Degree Science	University	College	Date
B.Sc.	Baghdad	Engineering	2005
M.Sc.	Baghdad	Engineering	2017
Ph.D.	Baghdad	Engineering	2022



No.	Career	Workplace	From-To
-----	--------	-----------	---------

1	Drilling engineer	South Oil Company	2006-2008
2	Supervisor Drilling Eng.	South Oil Company	2008-2012
3	Reservoir Engineer	South Oil Company	2012-2014
4	Well design Eng.	South Oil Company	2017-2018
5	Well design Eng.	Thi-Qar Oil Company	2018-2019
6	Lecture	Thi-Qar University	2017-2023
7	Head of Training and Development	Thi-Qar Oil Company	2023-Now
8	Lecture	Alayen Iraqi University	2022-Now

Second, Career:

Third, University Teaching:

No.	University	The Institute/College	From-To
1.	Thi-Qar University	College of Eng.\ Oil and Gas Department	2017-2023
2.	Alayen Iraqi University	College of Eng.\ Petroleum Department	2022-Now

Fourth, Courses Which You Teach:

No.	Department	Subject	Year
1	Oil and Gas	Dilling Eng. II	2017-2019
2	Oil and Gas	Well Logging	2017-2023
3	Oil and Gas	Formation Evaluation	2018-2023
4	Oil and Gas	Well Testing	2020-2023
5	Oil and Gas	Reservoir Management	2020-2023
6	Petroleum	Secondary Oil Recovery	2022-2023
7	Petroleum	Drilling Eng. I	2022-Now
8	Petroleum	Dilling Eng. II	2023-Now

Fifth, Thesis which was supervised by:

No.	Thesis Title	Department	Year
------------	---------------------	-------------------	-------------

1.	Experimental Study of Hole Cleaning in Directional Wells	Petroleum	2017
2.	Geomechanical Modelling of Garraf Oilfield	Petroleum	2022

Sixth, Conferences which you participated:

No.	Conferences Title	Year	Place	Type of Participation
1	7th Engineering and 2nd International Conference for College of Engineering - University of Baghdad COEC7-2017	2017	Baghdad	Author
2	1st International Conference on Petroleum Technology and Petrochemicals 10–11 April 2019, University of Technology Campus, Baghdad, Republic of Iraq	2019	Baghdad	Author
3	First International Scientific Conference Al-Ayen University	2019	Thi-Qar	Author
4	8th Engineering and 2nd International Conference for College of Engineering -	2021	Baghdad	Author

	University of Baghdad COEC8-2021			
5	first conference of Thi-Qar Oil Company	2018	Thi-Qar	Chairman of the conference
6	SPE Western Regional Meeting, Anchorage	2023	Alaska, USA	Author

Seventh, Scientific Activities:

Within The College	Outside the college
SPE Judge	
SPE Lecture	

Eighth, Research Projects in The field of Specializations to The Environment and Society or The Development of Education:

No.	Research Title	Place of Publication	Year
1.	Wellbore instability management using geomechanical modeling and wellbore stability analysis for Zubair shale formation in Southern Iraq	Germany	2021
2.	4D Finite element modeling of stress distribution in depleted reservoir of south Iraq oilfield	Germany	2022
3.	An empirical correlations to predict shear wave velocity at southern Iraq oilfield	Iraq	2022
4.	Effect of temperature on drilling mud	UK	2019
5.	Better hole cleaning in highly deviated wellbores	UK	2019
6.	Chemical and mechanical model to analysis wellbore stability	USA	2023

7.	New empirical equation to predict the pore pressure in oil reservoirs	Germany	2023
8.	Ensemble Machine Learning for Data-Driven Predictive Analytics of Drilling Rate of Penetration (ROP) Modeling: A Case Study in a Southern Iraqi Oil Field	USA	2023
9.	Wellbore stability analysis and selecting safe mud weight window for Mishrif reservoir in Southern Iraq	Germany	2023
10.	Prediction of pore and fracture pressure using well logs in Mishrif reservoir in an Iraqi oilfield	UK	2023
11.	Preparation of new nanocomposites and evaluation of their efficiency as corrosion inhibitors in the oil industry	Switzerland	2023
12.	A New Approach to Predicting Vertical Permeability for Carbonate Rocks in the Southern Mesopotamian Basin	Switzerland	2023
13.	A novel semi-analytical model for pore volume compressibility in oil-bearing sandstone formations	UK	2023
14.	Modeling hole cleaning in deviated and horizontal wells using artificial neural network	UK	2023
15.	Wellbore stability analysis using shear wave correlation	Germany	2022

Ninth, Membership

***SPE**

***IEEE**

Tenth, Awards and Certificates of Appreciation:

No.	Name of Awards and Certificates	Donor	Year
1.	SPE Judge	USA	2023
2.	IWCF	UK	2018
3.	IADC	USA	2023

Eleventh, Scientific literature

No.	Scientific literature title	Year of the publication
1.	Assistant lecturer	2017

Twelfth, Languages:

- Arabic
- English