

C.V



Full Name: Rafid Kadhim Abbas Al-Hilali

College: Engineering

Date of Birth: 17-10-1972

Marital Status: Married

Specialization: Petroleum Engineering

Academic rank: Assistant Professor

Work address: University of Al-Qadisiyah, Faculty of Engineering

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Occupation

NO.	Occupation	<u>Date obtaining Job</u>	note
1	Secretary of the college council- College of Science	2001-2003	
2	In charge of quality unit in college of	2003-2005	
3	In charge of Engineering unit in college of Science	2007-2008	

Academic Qualifications (Cetificates)

Academic qualification	College	University	Date obtained
Bachelor's degree	Engineering	Baghdad University	1994
Master's degree	Engineering	Baghdad University	1997
Doctorate	Engineering	University of Leeds , UK	2016
Other			

Academic rank:

NO.	Academic rank	Date
1	Assistant lecturer	2001
2	Lecturer	2005
3	Assistant professor	2016
	Professor	

Scientific researches

NO.	Research Title	Date published
1	A review on the wear of oil drill bits (conventional and the state of the art approaches for wear reduction and quantification)	2018
2	Using Raman shift and FT-IR spectra as quality indices of oil bit PDC cutters	2018
3	Evaluating the Wear of Polycrystalline Diamond Compact Drill Bit Cutters using Indentation and Scratch	2018
4	Superintendence of Bit Dullness Using a New Technique for Nasriya Oil Wells	2017
5	Estimation of Lifting Capacity for Selected Wells in	2017
6	Urea finishing process: Prilling versus granulation	2015
7	Analysis of the wear of oil wells drill bits	2015
8	Instantaneous Monitoring of Drill Bit Wear and Specific	2014
9	Using an optimum bit selection method for determined wells in Northern Iraq	2009
10	Effect of salt series behavior on drilling selected deep	2009
11	Bit Dullness Evaluation For Three Drilled Wells	2007
12	Using SPE Technique for studying bit	2005
13	Contamination between petroleum products	2005

Published and Translated Books:

No.	Book Title	Published Date

Number of Theses

NO.	Supervision	Number
	Higher diploma	
	Masters	1
	Ph.D	

Academic Conference, seminars and workshops attended

NO.	Title	Kind of participation	place	Date
1	Fifth Scientific conference of University of Al-Qadisyah	Research participation	University of Al-Qadisyah	Nov. 2005
2	First Scientific conference of college of Engineering	Research participation	Faculty of engineering Al-Qadisyah University	Nov. 2008
3	Member of discussion committee in the second scientific conference	Participation as a member of discussion committee	Faculty of engineering Al-Qadisyah University	Oct. 2009
4	Poster presentation in the 13th European User Meeting	Research participation	University of Oxford, UK	12 December 2013
5	Oral Presentation in the 2 nd International Conference on Abrasive Processes- ICAP 2014,	Research participation	University of Cambridge , UK.	
6	Annual Caspian Technical Conference and Exhibition	Research participation	Astana, Kazakhstan	12-14 November 2014
7	Fourth Oil and Gas Conference	Research participation	Basrah, Iraq	12-13 December 2017
8	Seminar on existence crude oil in Al-Diwaniyah province	Participation	Conference hall , faculty of engineering Al-Qadisyah University	2010

9	Seminar on sulphur removal from crude oil	Participation	Conference hall , faculty of engineering Al-Qadisyiah University	2016
10	Multiple seminars and workshops	Attendance	Continuous lab. Faculty of engineering	2016-2019

Permanent and temporary committees

NO.	Committee	Permanent or temporary	Date
1	Examination committee in college of science	temporary	2004-2008
2	Examination committee in college of Engineering Examination committee in college of science	temporary	2008-2011 , 2016-2018
3	Chemical engineering department committee	Permanent	2016 onward
4	Students results objection committee	temporary	2018-2019
5	Audit committee in civil engineering department	temporary	2017-2018
6	Audit committee on thesis and researches plagiarism	temporary	2016-2019
7	Committee to create Master studies in chemical engineering to preserve the environment	temporary	2019
8	Student Complaints Committee	temporary	2017 onward
9	Promotion committee in faculty of engineering	temporary	2018 onward

Other Scientific activities

NO.	Kind of activity
1	Evaluating Scientific Research (10) international researches and (10) local researches
2	Scientific Initiatives
3	Evaluate Theses (2) Master thesis
4	Patent
5	Contracting with State Institutions

Course Taught

NO.	Undergraduate	postgraduate (Master,PhD)
	Computer programming	Drilling engineering at University of Technology
	Engineering analysis	
	Mathematics	
	English language	
	Numerical analysis	
	Petroleum technology	

Voluntary initiatives and actions

NO.	Voluntary initiatives and actions	Date

Awards, Certificates and Letters of appreciation

NO.	Awards, Certificates and Letters of appreciation	Institution Awarded	Date obtained
1	Certificate	Computer centre in University of Al-Qadisiyah	2008
2	Certificate	Petroleum and gas technology conference at University of Technology, Iraq	2019
3	Certificate	Tofel centre in University of Al-Qadisiyah	2019
4	Certificate	Fourth Oil and Gas Conference in Basrah , Iraq	2017
5	Acknowledgment (1)	Minister of higher education and scientific research	2006
6	Acknowledgments (6)	President of University of Al-Qadisiyah	2008 , 2010 , 2006 , 2017 and 2018
7	Acknowledgments (10)	Deans of colleges of Science and Engineering	2006 , 2007 , 2008 , 2016 , 2017 and 2018

Languages skills

NO.	Language	Level (Beginner,Intermediate,Advance)
	Arabic	Advance
	English	Advance
	other	-----