

**Ministry of Higher Education and Scientific Research
University of Basrah for Oil and Gas
College of Oil and Gas Engineering**



CURRICULUM VITAE

General Information	
Full Name	Emad Hassan Ridha Hameed Al-Khersan
Place and birth day	Basrah, 1960
Title	Professor
University	University of Basrah for Oil and Gas
College	College of Oil and Gas Engineering
Department	Department of Oil and Gas Engineering
Official E-mail	emad.alkhersan@sa-uc.edu.iq , emad.alkhersan@gmail.com
Current Address	Iraq, Basrah, Al-Kharbatlyia Region, Province-2, House No. 350/65
Mobile No.	009647713777742

Academic qualification

Thesis Title	Geology		General specialization	
	Geophysics		Exact specialization	
	Country	University	Year	Degree
Geology / Geophysics	Iraq	Baghdad	1983-1984	B.Sc.
Cretaceous main seismic sequences properties study between the wells (Nassriya-1) and (Shawiya-1)	Iraq	Baghdad	1999	MSc
Paleomagnetic study of some outcropping rocks northeastern Iraq and its tectonic applications	Iraq	Baghdad	2007	PhD

Administrative duties

Employment records		From	To
Junior Geologists	Field Development and Reservoir Engineering Department, South Oil Company	1990	1993
Geologist		1993	1995
Assistant Researcher	Department of Geology, College of Science, Basrah University	1995	1999
Assistant Lecturer		1999	2001
Lecturer		2001	2005
Assistant Professor		2005	2013
Professor	Basrah University and Basrah University for Oil and Gas	2013 - 2025	
Professor	Shatt Al-Arab University	2025	

Supervision of students

Supervision Details	University Name
MSc. Student, 2009, Determination of ground water table and its intruded zones with the saline water in Dibddiba aquifer at Basrah Governorate \ southern Al-Zubair distinct using Vertical Electrical Sounding technique	Basrah University
MSc. Student, 2009, Using Ultrasonic waves technique to study the geotechnical and physical properties of the calcareous rocks in Kufa plant- Bahar Al-Najaf area / Middle of Iraq	
MSc. Student, 2010, Applicant of Gravity Interpretation and Remote Sensing Techniques to Choose the Suitable Sites Used for Disposal of Solid and Toxic Chemical Wastes in Iraqi Southern Desert with the Assistance of Geologic Information	
MSc. Student, 2012, Geophysical Study for Both Hilla-2 and Karbala-2 Gas Power Plants / Central Iraq with the Assistance of Engineering Information	
MSc. Student, 2012, Application Of Ground Penetration Radar Technique To Explore Such Basrah Low Resistivity Soils, Southern Iraq	
PhD. Student, 2012, The Identification of Subsurface Archaeological Structures in selected sites inside Basrah Governorate, Southern Iraq Using Ground Penetration Radar and 2D Electrical Imaging	University of Baghdad
MSc. Student, 2015, Study of boundaries of the tectonic zones southern latitude 32° of Iraq using potential information	Basrah University
MSc. Student, 2016, Radioactive Geology Of Southern Desert Region of Iraq	
MSc. Student, 2012, Geophysical Study for Both Hilla-2 and Karbala-2 Gas Power Plants / Central Iraq with the Assistance of Engineering Information	
MSc. Student, 2012, Marine geophysical study to map the sub-bottom of Al-Faw Grand Port corridor, southern Iraq	

PhD. Student, 2018, Crustal Structure and Seismic Active Faults of Northern Iraq	
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Administrative positions		
Deputy	Geology Department / College of Science- Univ. of Basrah	1999-2001
Head of Geology Dept.		2015-2017
Head of Postgraduate Dept.	Basrah University for Oil and Gas	28/1/2018-28/3/2019
Head of the Students Affairs and Registration Department		28/3/2019-1/7/2019
Vice-Chancellor for Scientific Affairs		30/1/2018-21/6/2023
Head of the Oil and Gas Department	Shatt Al-Arab University	24/12/2025

Teaching activity		
Undergraduate Studies		
	Course code	Course name
	G103	Physical geology
	G207	Geophysics
	G209	Structural geology
	G403	Subsurface geology and well logging
	G404	Geotectonic
	G405	Exploration geophysics
	PGEO109	General Geology 1
	PGEO110	General Geology 2
	PGEO303	Exploration Geophysics
	PGEO311	Research Methodology

Postgraduate	
	Course name
	Advanced gravity interpretation / MSc.
	Advanced Seismic Reflection / MSc.
	Advanced Paleomagnetic / MSc.
	Advanced Structural Geology / PhD.
	Potential methods / MSc.
	Advanced Seismic methods / MSc.

Integrated Geophysical Studies / PhD.
Seismic Stratigraphy / MSc. and PhD.
Applied Geophysics / MSc. and PhD.
Advanced Refraction method / MSc.
Engineering geophysics / MSc.
Morphotectonic / PhD.
Advanced electrical method / MSc. and PhD.
Advanced Seismic Reflection / PhD.

Published Researches

No.	Published articles and researches
1	Al-Khersan, E.H., and Al-Shahwan, M.F., 2000. Analytical statistic study to delineate variation effect of chemical composition upon mechanical properties of produced Iron in State Company of Iron, unpublished, In Arabic, (Internal report)
2	Al-Khersan, E.H., 2002. Applying statistical techniques to determine influential petrophysical properties in production behavior of (mA, mB1) units, Mishrif Formation, Zubair field, J. Basrah Researches. Vol. 30, Part 2, PP 1-30, https://buog.edu.iq/repository/files/Petrophysical%20properties%2002%20-%20Emad%20Alkhersan.pdf
3	Al-Khersan, E.H., Al-Din, T.S., 1999. Structural and stratigraphic variations study of the Cretaceous main seismic sequences between the wells (Nassriya-1) and (Shawiya-1), unpublished, (Internal report)
4	Al-Khersan, E.H., 2000. Uses of (EPT) log as an aid in enhancing oil saturation calculation for carbonate reservoirs, Basrah Journal of Science, No. 231A, 9P. https://buog.edu.iq/repository/files/EPT%20001%20-%20Emad%20Alkhersan.pdf
5	Al-Khersan, E.H., 2003. Theoretical approach to the Arab homeland tectonics and other adjacent countries using paleomagnetic information, J. Basrah Researches. Vol. 28, Part 4, PP 63-75, https://buog.edu.iq/repository/files/Theoretical%20Approach%20003%20-%20Emad%20Alkhersan.pdf
6	Al-Khersan, E.H., 2004. Detection of cavities and soil settlements in an industrial site using electrical resistivity method, southern Iraq, http://buog.edu.iq/repository/files/Elec.%20cavities%20004%20-%20Emad%20Alkhersan.pdf , J. Basrah Researches, Vol.29, Part2, PP 1-17.
7	Al-Khersan, E.H., Khorshid, S.Z. and Al-Kashan, A.Z., 2006. P and S-waves evaluation for engineering site investigation at a hostel complex inside Basrah University, southern Iraq, Basrah J. of Science. http://buog.edu.iq/repository/files/P%20and%20S%20waves%20-%20Emad%20Alkhersan.pdf , Vol. 24, Part 2, PP 27-37.
8	Al-Khersan, E.H., Al-Yasi, A.I. and Al-Kashan, A.Z., 2006. Construction of basement depth map in Al-Jezira area, northwestern Iraq using two-dimensional spectral analysis technique, Basrah J. of Science. Vol. 24, Part 1, PP 82-91.
9	Al-Khersan, E.H., Hijab, B.R. and Baban, E.N., 2010. Uses of Paleomagnetic Evidences for Some Tectonic Implications of Aqra Limestone Outcrops Northern Iraq.

	https://ijs.uobaghdad.edu.iq/index.php/eijs/article/view/13785 , Vol. 51, Iraqi Journal of Science, Baghdad University, Vo. 51, No. 1, PP 123-144.
10	Al-Khersan, E.H., Khorshid, S.Z. and Faraj, H.H. 2012. Determination of Some Physical and Geotechnical Properties of the Calcareous Rocks in Kufa Quarry – Bahar Al-Najaf Area / Middle of Iraq. Iraqi National Journal of Earth Sciences, Vol. 11, No. 2, pp. 11-36.
11	Al-Khersan, E.H., 2012. Geoelectric monitoring of saline water intrusion in Dibddiba aquifer at Zubair-Safwan area / southern Iraq. Marsh Bulletin, https://www.iasj.net/iasj/article/65994 , Vol. 7, No. 1, PP: 48-68.
12	Al-Khersan, E.H., 2013. VES and GPR investigations to delineate buried objects, cavities and weak zones inside an oil establishment southern Iraq, with the assistance of hydrogeological and geotechnical information. Yanbu Journal of Engineering and Science, Vol.7, (1434H), ISSN: 1658-5321, PP: 75-88.
13	Al-Khersan, E. H, Al-Khalidy, A. A. and Al-Shimaree, A. A., 2014, Geophysical Study for Both HILLA-2 and KARBALA-2 Gas Power Plants / Central IRAQ with the Assistance of the Engineering Information. International Journal of Emerging Technology and Advanced Engineering Website: www.ijetae.com (ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 4, Issue 6, June.
14	Al-Khersan, E.H., Al-Ani, J.M.T. and Ibrahim, S. N., 2015, Integrated GPR and ERT as Enhanced Detection for Subsurface Historical Structures Inside Babylonia in Houses Site, Uruk City, Southern Iraq, Pure and Applied Geophysics. 2015 Springer Basel DOI 10.1007/s00024-015-1162-2.
15	Alani, J.M. Thabit, Al-Khersan, E.H. Ibrahim, S.N., 2016, Investigation of Subsurface Archaeological Structures Using 2D Electrical Imaging in Babylonian Houses District, Uruk Site, Iraq. Almuthanna Journal of Pure Science (MJPS) Vol. 2, No.1.
16	Alani, J.M. Thabit, Al-Khersan, E.H. Abraham, S.N., 2016, Comparison of 2D Resistivity Imaging Survey Using Wenner, Wenner-Schlumberger and Dipole-dipole Electrode Arrays in Uruk Archaeological Site, Iraq. Almuthanna Journal of Pure Science (MJPS) Vol.3, No.2.
17	Al-Khersan, E.H., and Chlaib, H. K., 2020; Geophysical seismic reflection method application to detect subsurface faults and structures between Nuhr Bin-Umr and Zubair Oil Fields, Southern Iraq. Indian Journal of Ecology, 47 Special Issue (10): PP 1-4.
18	Al-Khersan, E.H., Hijab, B. R. and Al-Khazali, I. A. B, 2021; Integrated Ground Penetrating Radar and Electrical Resistivity Study to Explore Such Basrah Low Resistivity Soils for Engineering Purposes, Southern Iraq, Iraqi Geological Journal, Vol. 54, No. 2E, ISSN: 2414-6064, https://www.igi-iraq.org , PP 104-121.
19	Al-Khersan, E.H., Al-Taei, S.A. and Al-Zubaidi, A. A., 2022; Marine Geophysical Study to Explore the Seafloor Bathymetry and Geological Features at the Iraqi Corridors, Northwestern Arabian Gulf, Journal of Pure and Applied Geophysics. Springer Nature Switzerland AG, https://doi.org/10.1007/s00024-021-02930-9 , PP 1-18.
20	Al-Khersan, E.H., Al-Marhoon, S. M. and Al-Yasi, A. I; 2022; Environmental geophysical study for ideal locations of landfill within Iraqi Southern Desert, Journal of Applied Geophysics, 204, 104678, journal homepage: www.elsevier.com/locate/jappgeo , PP 1-16.
21	Aljizani, B. T., Al-Khersan, E.H. and Al-Banna, A. S; 2023; Determination the Boundaries of the Tectonic Zones Southern Iraq, Using Trend Surface Analysis Method. Journal of Petroleum Research and Studies, ISSN: 2710-1096, DOI: http://doi.org/10.52716/jprs.v13i1.650 , PP. 1-15.

22	Fakher, A.J., Al-Khersan, E.H., and Ataa, A. L., 2023; Geophysical-Engineering Study in Landfill Site Al-Kifl District-Babylon Governorate, Middle of Iraq. University of Thi-Qar Journal, ISSN (print): 2706-6908, ISSN (online): 2706-6894, Vol. 18, No.1, PP: 64-75, The research was published online in: https://www.jutq.utq.edu.iq/index.php/main/article/view/332/265
23	Jaafar, Eman M., Shalih, Anmar H., Al-Khalidy, A. A. and Al-Khersan, E.H., 2024; Engineering Site Investigation inside Basrah City, Southern Iraq using Cross-hole Seismic Refraction Technique (A Case Study), Iraqi Geological Journal, Journal homepage: https://www.igj-iraq.org 57 (1E), PP: 52-71 , https://igj-iraq.org/igj/index.php/igj/article/view/2136/1973
24	Al-Khersan, E.H., Al-Dabbagh, H. A. and Al-Kanaan E. M., 2025; Radioactivity of Outcropping Rock Formations / Iraqi Southern Desert. Journal of Applied Geophysics, 234, 105646, Contents lists available at ScienceDirect, journal homepage: www.elsevier.com/locate/jappgeo
25	Almayahi, A.Z., Al-Khalidy A. A. and Al-Khersan, E.H. 2025; Geotechnical and Geophysical Investigations of Electrical Power Plant Proposed Site in Al-Shamiyah City, Al-Qadisiya Governorate. Iraqi Geological Journal, Journal homepage: https://igj-iraq.org/igj/index.php/igj/article/view/2943/2274 , Vol.58, No.2A, PP: 16-238.
26	Jaafer, I. M., Al-Khersan, E. H., Al-Khalidy, A. A. and Al-Khafaji, A., 2026; Integrating Geophysical and Geotechnical Methods to Optimize Foundation Design of a Power Station Site in Basrah, Iraq. Iraqi National Journal of Earth Science (INLES), Vol. 26, No. 1, (34-47), DOI: 10.33899/injes.v26i1.60177 http://creativecommons.org/licenses/by/4.0/
27	Ali, S. M., Al-Khersan, E.H. and Mohammed, H.A., 2026, Crustal structure of Sulaymaniyah, NE Iraq: Joint analysis of receiver functions and surface wave dispersion. Journal of Asian Earth Sciences 298, 106920, https://doi.org/10.1016/j.jseaes.2025.106920
28	Al-Khersan, E.H, Al-Khalidy, A. A., Alwan, A.J., Homod, R.Z., and Al-Shareeda, M.A., 2026, Integrated geophysical-geotechnical investigation for foundation design at Al-Hilla2 gas power plant, Iraq, Journal of Applied Geophysics, journal homepage: www.elsevier.com/locate/jappgeo , 247, 106134, https://doi.org/10.1016/j.jappgeo.2026.106134
29	Emad H. Al-Khersan, Suad Mohammed Ali and Dr. Hayder I. Mohammed, 2026, Determination of Active Fault Systems of the Zagros Fold-Thrust Belt: A Case Study from Sulaimaniyah City and its Surroundings, NE Iraq Using Focal Mechanism Method,
30	Emad H. Al-Khersan, Amer A. Al-khalidy and Kadhim N. Kadhim, 2026, A Comparative Analysis of Subsurface Conditions Using Down-hole, Cross-hole Seismic and Standard Penetration Tests for Port Infrastructure Development in Basra, Iraq (in press)
31	Hayder A. Al-Dabbagh, Hala Ahmed Dawood and Emad H. Al-Khersan, 2026, Structural Lineaments Detection in the Western Iraqi Desert: Insights from Natural Radiometric Anomalies (in press)
32	Emad H. Al-Khersan, Amer A. Al-khalidy, 2026, Petrophysical Analysis and Integrated Reservoir Characterization for Enhanced Evaluation of the East Baghdad Oilfield, Central area (in press)

33	Hayder A. Al-Dabbagh, Hala A. Daud, Firas Subhi Hameed, Emad H. Al-Khersan, Raad Z. Homod, Hayder I. Mohammed and Farhan L. Rashid, 2025, Challenges in Subsurface Anomaly Discrimination: Interpreting 2D Electrical Resistivity Data for Potential Graves Beneath Existing Infrastructure (in press)
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Standing and temporary committees

Year	Committee	Items
2011	Chairman of the procurement committee of the College of Science / Basrah University	1
2011	Member of the committee for reviewing and preparing the curricula of the prescribed textbooks for students of the Geology Department / College of Science / Basrah University	2
2012-2020	Chairman and member of more than one committee to evaluate the projects of the fourth stage students in the Geology Department / College of Science / Basrah University as well as the Department of Oil and Gas Engineering / Basrah University for Oil and Gas	3
2013-2017	Chairman and board member of the Geology Department /College of Science / Basrah University and the Department of Oil and Gas Engineering / Basrah University for Oil and Gas for more than one time	4
2013	Member of the ministerial committee for granting the higher education prize for pure sciences	5
2015	Member of a special committee for appointments at the College of Science / Basrah University	6
1999-2020	Chairman and member of the committees for the acquisition of research and scientific theses in the Geology Department / College of Science / Basrah University for more than once	7
2015	Member of the maintenance committee for the buildings of the College of Science / Basrah University	8
2015	Member of a committee in the administrative structure of the scientific consulting office of the College of Science / Basrah University	9
1999-2017	Chairman of the discussion committees for postgraduate students' seminars in the Geology Department / College of Science / Basrah University more than once	10
2016	Member of a committee to develop an annual plan for the need of the College of Science / Basrah University for scientific cadres with higher degrees of competencies and middle cadres applying for appointment in the college	11
2017	Member of the ministerial audit committee for the national classification of the universities of Thi-Qar, Misan, Southern Technical University and Basrah University for Oil and Gas	12
2017	Member of the committee for reviewing and preparing curricula for books for students of the Department of Oil and Gas Engineering / Basrah University and Basrah University of Oil and Gas	13
2017	Chairman of the special committee of the conference on good leadership and social reform at Basrah University of Oil and Gas	14

2018	Chairman of the committee to assess potential risks to state institutions / Basrah University for Oil and Gas	15
2018	Chairman of the audit committee for the transactions of applicants for postgraduate studies for employees at Basrah University for Oil and Gas	16
2018	Chairman of the committee for determining study fees for students of special morning studies and for humanitarian cases exclusively	17
2018	Chairman of a special committee to evaluate and receive the site of the building of the Vocational Training Center / Abu Al-Khasib to Basrah University for Oil and Gas	18
2018	Chairman of the working committee on the fourth goal of the sustainable development goals for the year 2030 / Basrah University for Oil and Gas	19
2018	Chairman of the governmental program committee of Basrah University for Oil and Gas and a member of the ministerial committee on the same subject	20
2018	Chairman of the committee for the administrative electronic archiving system and to update the affiliate database of Basrah University for Oil and Gas	21
2018	Member of an advisory ministerial committee that handles the work related to the qualification and employment program for graduate students	22
2018	Member of a ministerial committee to work on the national classification of the quality of Iraqi universities	23
2018	Member of the crisis cell committee at Basrah University for Oil and Gas	24
2018	Member of a committee to develop the strategic plan for Basrah University for Oil and Gas for the period from 2019/2023 to improve the scientific, academic and administrative reality of Basrah University for Oil and Gas	25
2019-2021	Chairman of a special committee for postgraduate candidates inside and outside Iraq / Basrah University for Oil and Gas	26
2020	Vice President of the operations room for the supplementary and final electronic examinations for the academic year 2019/2020 at Basrah University for Oil and Gas	27
2020	Member of the committee for preparing the university's strategic plan for the period (2021-2026)	28
2020	Chairman of the scientific committee of Basrah University for Oil and Gas conference entitled (The importance of the national strategy to address the phenomenon of the spread of domestic violence)	29
2020	Chairman of the e-learning project quality assessment committee	30
2020	Member of the committee to supervise evening studies at Basrah University for Oil and Gas	31
2020	Member of the quality assurance and academic accreditation council committee at Basrah University for Oil and Gas	32
2020	Chairman of a committee to set the controls for accepting applications for employees applying for evening studies in various specializations	33
2020	Chairman of the voluntary hope team committee for the purpose of instilling the values of love and tolerance	34

2020	Chairman of the e-learning quality assessment committee	35
2020	Chairman of the committee for the development of Teaching and Training Methodology Center	36
2020	Member of the strategic committee for institutional accreditation for the years 2018-2022	37
2020	Chairman of the committee to introduce the College of Science at Basrah University for Oil and Gas	38
2020	Chairman of the scientific research application committee	39
2020	Chairman of the research fellowships committee at Basrah University for Oil and Gas	40
2020	Chairman of the follow-up committee for postgraduate appointments in universities / private colleges	41
2021	Chairman of the operations room committee to supervise the audit of documents for the high electoral commission	42
2021	Chairman of the central follow-up room for final exams at Basrah University for Oil and Gas, first semester / 2021	43
2021	Chairman of the scientific committee of the second annual conference on graduation projects for students of the Department of Oil and Gas Engineering	44
2021	Member of the quality assurance board committee (re-formation of the committee)	45
2021	Member of the committee for writing the self-assessment report of universities for institutional accreditation 2017/2018	46
2021	Member of the committee to audit the institutional performance evaluation data for the classification of Iraqi universities	47
2021	Member of a central committee for assessing institutional performance according to the criteria of the European Excellence Model	48
2021	Chairman of the committee for developing digital transformation strategies through the SIS program	49
2021	Chairman of the organizing committee for the university students graduation ceremony 2020/2021	50
2021	Member of the committee setting standards and controls for studying at private expense inside and outside Iraq	51
2022	Chairman of the ISO Energy Committee for the Implementation of International Standards	52
2022	Member of the committee for writing the conformity report for institutional accreditation	53
2022	Chairman of the data entry committee in the digital transformation form for government institutions	54
2022	Chairman of the Central Follow-up Chamber Committee for Final Examinations Semester 2 / 2022	55

2022	Member of the Legislation Study Committee (Laws of the Dissolved Revolutionary Command Council)	56
2023	Head of the Central Follow-up Room Committee for Final Examinations, First Semester, 2022-2023	57
2023	Head of Audit Committee / Mona Tawfiq Hussein	58
2023	Chairman of the Committee for Granting No-Objection and Calculating Certificates According to Law No. 20 of 2020	59
2023	Member of the Ministerial Committee for Approving the Curriculum System / Bologna Process	60
2023	Chairman of the Scientific Committee for the Fourth Annual Graduation Projects Conference 2022-2023	61
2023	Chairman of the Global Classifications Committee	62
2023	Member of the University's Industrial Advisory Council	63
2024	Member of the Scientific Committee in the Department of Oil and Gas Engineering	64
2024	Head of the Scientific Committee in the Department of Oil and Gas Engineering	65
2024	Chairman of the Scientific Promotions Sub-Committee at the College of Petroleum and Gas Engineering	66
2024	Chairman of the Scientific Subcommittee for Reviewing Accredited Sources in Universities	67

Conferences, Training Courses, and Development Workshops

Date / Duration	Country	Participation	Organizing Body	Course / Workshop / Conference	No.
1991/10/10-5	Iraq	Trainee	South Oil Company	Iraqi Oil Fields Geology Course	1
1992/2/27-22				Water Injection Course	2
1992/4/15-13			Arab Company for Well Logging	Electrical Logging Interpretation Course	3
1993/2/25-20			South Oil Company	MS-Windows Operating System Course	4
1993/2/23-14				Oil Well Drilling Technology Course	5
1994/1/13-8				Commercial Water Injection Evaluation Course	6

1994/4/8-3				Hydraulic Calculations Course	7
1994/3/31-26				Windows Introductory Course	8
1994/6/16-11				Windows Applications Course	9
-10 1994/12/15				Norton 7 Utilities Course	10
-10 2000/12/13			University of Basrah – Teaching & Training Center	Teaching Development Course	11
2003/4/8	Turkey – Istanbul	Committee Member	University of Basrah – College of Science	4th Annual Conference for Distinguished Graduation Research	12
2009/5/15-11		Trainee	TOTAL (TPA)	Petroleum Geology and Seismics Course	13
2013/5/12-8				Risk Assessment Course	14
2017/4/27-26	Iraq	Preparatory Committee Member	Iraqi Geologists Union	16th Geological Conference	15
2022/11/10-8	Turkey	Head of Scientific Committee	Istanbul Gedik University	7th International Conference for Pure, Applied & Technological Sciences	16
11994/18-8	Iraq	Trainee	Baghdad Oil Training Institute	Hydraulic Calculations Course	17
-10 1994/12/15				Norton 7 Utility Programs Course	18
1994/3/31-26				Windows Introductory Course	19
2022/4/18-17	Iraq	Trainee	University of Diyala	Modern Methods of Quality & Productivity Management Workshop	20
2022/2/18			Ministry of Higher Education	Structure of Scientific Research Workshop	21
-8/15 2021/8/31				Publishing in High-Impact Clarivate Journals Workshop	22
2020/8/19-18				National Strategy to Combat Domestic Violence Workshop	23
2022/3/11				Journal Classification Criteria Workshop	24

2020/ 5 /7			Al-Karkh University	National Conference on Evaluating E-learning Experience	25
2022/4/28			Ministry of Higher Education	Open Science & UNESCO Global Trends Workshop	26
2022/4/29				Scientific Research and Institutional Accreditation Workshop	27
2022/4/1				Systematic Review Methodology Workshop	28
2022/3/4				Scientific Writing Terminology & Journal Ranking Workshop	29
2022/3/25				Guidelines for Writing a First Research Paper Workshop	30
2022/4/19-18			University of Al-Qadisiyah	Knowledge Integration for Community Development Workshop	31
2020/4/20			Ministry of Higher Education	Online Exams using Easy class Platform Workshop	32
2020/9/25			University of Baghdad	Hydro Policies of Tigris and Euphrates Basins Workshop	33
2020/9/11				Advancement of Iraqi Universities Education Workshop	34
2021/4/15-14			Middle East University – Amman, Jordan	2021 12 th International Renewable Engineering Conference IREC	35
2009/5/15-11			University of Basrah – Geology Dept.	Petroleum Geology and Seismics Workshop	36
2022/4/13				Antimicrobial Resistant Bacteria Workshop	37
– 2020/5 2020/6			Ministry of Higher Education	HAS COMPLETED THE IRAQ E-LEARNING PROFESSIONAL TRAINING PROGRAM Workshop	38
2020/7/3	Iraq	Trainee	Southern Technical University	Digital transformation in the provision of services the Department of Rehabilitation, employment, and Follow-up Workshop	39

2022/4/20			University of Basrah – Chemistry Dept.	Nano & Catalysis. from Synthesis to Applications Workshop	40
2023/2/10			Ministry of Higher Education	Bologna Process and Credit Hour System Workshop	41
2021/5/27			University of Baghdad – Earth Sciences Dept.	Problems of drilling wells, geological and drilling mud properties reasons, what are the expectations from well logging interpretations, prevention of the problems and the solutions Workshop	42
2023/3/3			Ministry of Higher Education	Umbrella Reviews Workshop	43
2023/28-27		Attendance		Introductory Workshop on Bologna Process Implementation	44

Computer Skills

General Software		No.
Microsoft Office Suite		1
Internet & Research Tools		2
Specialized Software		3
Antivirus programs, Statistica, Grapher, Acrobat Reader	Utility Software	
Surfer, Mapinfo-5, ABEM 2D-electrical, Geotectonics, Paleomagnetic, Refraction, RadExplorer 1.42Gx, Stereographic, etc....	Specialized Software	

Letters of Appreciation and Acknowledgment

Number of Letters		Granting Authority		No.
For Academics	1	Prime Minister		1
For Geologists	1			
8		Letters of Thanks and Appreciation	Minister of Higher Education and Scientific Research	2
1		Commendation of Efforts		
1		Member of Parliament		3
25		University President		4
31		Director General / College Dean		5

Scientific Activities

1. Additional development and observed changes in well drilling locations within the Mishrif Formation, North Rumaila Oil Field (1991).
2. Preparation of a software program to calculate the final monthly oil production report and water injection quantities using an HP-9868 computer system (1991).
3. Updating drilling results of Mishrif Formation wells in West Qurna Oil Field for the period from 1/1/1990 to 1/1/1993.
4. Recalculation of average reservoir pressure using the volumetric method for the Mishrif Formation, North Rumaila Field (1993).
5. Preparation and evaluation of commercial water injection operations in the Third Pay Reservoir, Zubair Oil Field (1994).
6. Development study of the Yamama Reservoir, West Qurna Oil Field (1995).
7. Preparation of required data and tables to accomplish a drilling and well rehabilitation plan to reach a production capacity of 3.5 million barrels/day (1992).
8. Preparation of essential data to complete an optimal oil production plan targeting 3 million barrels/day (1992).
9. Head of numerous consultancy team projects at the University of Basrah / College of Science related to engineering projects, petroleum geology, archaeological investigations, groundwater reservoirs, and oil exploration studies.

10. Member of an academic delegation from the Ministry of Higher Education and Scientific Research, representing 28 Iraqi universities, visiting the Kingdom of Saudi Arabia under a scientific memorandum of understanding for academic collaboration and exchange of expertise.
11. Participation in three meetings as a member of a ministerial delegation to Italy within the INSPIRE organization, representing 11 Iraqi universities, aimed at staff development, capacity building, postgraduate programs enhancement, and e-governance.
12. Evaluation of numerous scientific papers, MSc theses, and PhD dissertations, in addition to assessing plagiarism reports and academic promotion research files.