

CURRICULUM VITAE

1- Personal Info

- Full Name: Ibrahim Omar Saeed Malko Al-Hamdany
- Date and place of Birth: 1977 Nienevah
- Marital Status: Married
- Number of Children: 4
- Academic Attainment: Doctorate
- Major: General: Biology
Specific: Ecology/Plant Environment
- Job Title: University Professor
- Scientific Rank: Professor
- Current Position: instructor
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• Scientifi qualifications:

No.	Degree	Specialty	Universi ty	Countr y	Evaluati on	Date
1	B. Sc.	Biology	Mosul	Iraq	Good	1999
2	M. sc.	Plant physiology	Mosul	Iraq	Very good	2002
3	PH.D.	Plant environment	Tikrit	Iraq	Very good	2010

• Second: Scientifi qualifications:

No.	Scientific title	Date title acquired
1	Assistant lecturer	2003
2	Lecturer	2006
3	Assistant professor	2011
4	Professor	2016

• Third: University Teaching

No.	Institute or college	University	Period from-to
1	College of sciences – dept. of Biology	Tikrit University	2003- until now

• Fourth: Subjects he taught

No.	Primary studies	Higher studies
1	General biology	Plant physiology (Advanced for M.Sc.)
2	Plant anatomy	Plant environment (for M.Sc.)
3	Plant classification	Growth and تكشف (for M.Sc.)
4	Plant physiology	Plant environment (Advanced for Ph.D.)
5	Plant environment	Plant extracts (for Ph.D.)

6	Environment and pollution	Plant metabolism (for Ph.D.)
7	Biological control	Animal environment (for M.Sc.)
8		Pollution Science (for M.Sc.)
9		Dynamics of جماعة

• Fifth: Theses and dissertations he supervized:

No.	Title of thesis or dissertation	Dept.	Grade	Year
1	Treatment of waste water using physical techniques and studying their morphological, physiological and anatomical effects in <i>Raphanussativus</i> L. and <i>Apiumgraveolens</i> L.	Biology	Master	2013
2	A study of لمنولوجية upper Zab and identifying its effect on Tigris river.	Biology	Master	2014
3	Environmental and bacteriological study of AlWand river and its effect on Deyala river.	Biology	Master	2016
4	Treatment of waste water using certain types of algae	Biology	Master	2017
5	Pollution of roads edges with a group of heavy elements.	Biology	Master	2017
6	A comparative study of algae variety in variant water sites in Mosul city.	Biology	Master	2017
7	Evaluation of the qualitative reality of well waters in some of Mosul neighborhoods using (WQI)	Biology	Master	2017
8	Evaluation of efficiency of four water purification station in Salah AlDeen governorate.	Biology	Master	2018
9	Evaluation of the generators waste water quality in some areas in Salah AlDeen governorate and its impact on environment.	Biology	Master	2019
10	A physical, chemical and biological study of AlWand dam water in Khaniqueen city in Deyala governorate.	Biology	Ph. D.	2019
11	Aleophathical الاليوباثي effect of جت on the growth of حلبه under various levels of moisture	Biology	Master	2019
12	Studying the effect of irrigation with different types of well waters on growth and some physiological processes for لوبيا and beans.	Biology	Master	2019
13	The role of soil in transmission of resistant pathogenic bacteria	Biology	Master	2019
14	Evaluation of water quality in Sherqat old water station and Sherqat unified water project in	Biology	Master	2019

	Sherqat district.			
15	Biological treatment of the soil contaminated with hydrocarbons and some heavy elements in some areas of Nineveh and Salah AlDeen Governorates.	Biology	Master	2020
16	An environmental study of plants هائمات growing in Tigris river within Nineveh governorate	Biology	Master	2020
17	The biological anti-bacterial of four plant extracts against bacteria species isolated from cutaneous incidences	Biology	Ph. D.	2020

- **Sixth: Conferences, symposiums and workshops he participated in:**

No.	Title	Year	venue	Type of participation
1	First agricultural - scientific conference / under the sloagan: towards self-sufficiency of agricultural products in Iraq Kurdistan region.	2012	Duhok University/ College of Agriculture	Researcher
2	First scientifoic conference of biology.	2012	Baghdad University, College of Sciences	Researcher
3	second scientifoic conference of of environmental researches.	2012	Science city university college/Baghdad	Researcher
4	Our environment is the legacy of grandfathers and a trust to the grandchildren	2012	Mosul University/ College of Environment	
5	The second scientific conference of Biology department	2012	Mosul University/ College of Education	Participated with a research
6	The second scientific conference of colleges of pure sciences / under the sloagan (pure sciences are innovation regenerated and building take roots.	2012	AlAnbar University/ College of Sciences	Participated with a research
7	Second internation scientific conference/ under the sloagan Agricultural scientific research is a strategic course to achieve food security.	2013	Kirkuk University/ College of Agriculture	Participated with a research
8	Seventh internaitonal scientific	2014	Tikrit	Participat

	conference of the College of Education for pure sciences.		University/ College of Education for pure sciences	ed with a research
9	Fourth students' scientific conference to discuss the graduation projects	2014-2015	Tikrit University/ College of sciences	chairman
10	The second scientific conference of Kermian University/Under the slogan: science is for serving and developing the society.	2015	Kermian University	Participated with a research
11	Environmental pollution	2014	Tikrit University/ College of Education for girls	Participated with a research
12	Studying the environmental pollution is a basic polar for development	2016	Tikrit University/ College of sciences	Attendance
13	The eighth international scientific conference for biological sciences in partnership with the 21 st conference of the Egyptian – German Association for zoology.	2016	Tanta University/Conference center / Egypt	Participated with a research
14	The annual international scientific conference of the southern technical university	2017	southern technical university/Basra	Participated with a research
15	The sixth scientific conference for agricultural researches 28-29/3/2017	2017	College of agriculture/Tikrit University	Attendance
16	First national symposium for managing plant diseases and fungi poisons	2017	College of agriculture/Baghdad University	Attendance
17	The thirteenth international scientific conference for environment and محيط @@science	2017	Trakia University/Turkey	Participated with a research
18	Seminar (Awareness in terms of excessive use of antibiotics.	2017	AlKhawarizmi hall/ college of sciences/ Tikrit university	Chairman
19	Environmental and climate changes in Iraq and the world	2017	AlKhawarizmi hall/ college of sciences/ Tikrit university	Participated with a research

20	Awareness in terms of excessive use of antibiotics.	2017	Tikrit university/College of Engineering/ AlKhawarizmi hall	Head of the scientific committee
21	Scientific symposium entitled: managing plant diseases and fungi poisons	2017	Dept. of plant protection/college of agriculture/ Baghdad university	Attendant
22	Sixth scientific conference for agricultural researches	2017	College of agriculture/ Tikrit University	attendant
23	Eighth international conference for Sciences and Arts: Towards a sober scientific researches, 7-7 Mar. 2018 at Babil University	2018	Babil university	Participated with a research
24	Scientific symposium entitled: A new vision to recycle the wastes.	2018	College of sciences/ dept. of Biology	Chairman
25	Fifth international conference for environment and genetics	2018	Baghdad	Member of media committee
26	sixth international conference for environment and genetics	2019	Baghdad	Member of scientific committee
27	Second international conference and the fourth scientific conference of college of sciences / Tikrit University 2020	2020	Tikrit	Member of scientific committee
28	International scientific conference of college of sciences / AlMuthanna University	2021	AlMuthanna	Participated with a research
29	Judi's American Conference and competition for international invention	2021	Amman/Jordan	Member of scientific committee

• **Seventh: Committees he participated in:**

No.	Type of committee	Position
1.	Committee for visiting the dormitory of college of sciences	Chairman

2.	Procurement committee	Chairman
3.	Study leaves committee for the academic year 2014-2017	Chairman
4.	Committee of distributing the student to the scientific departments, 2014-2017	Chairman
5.	Committee of psychological and educational guidance	Chairman
6.	Committee of receiving the scientific and cultural activities at the college 2014-2015	Chairman
7.	Committee of auditing the enrolled students documents for the academic year 2014-2015	Chairman
8.	Preparatory Committee of the student fourth conference at college of sciences 2014-2017	Chairman
9.	Committee of college of sciences payroll for September 2014	Member
10.	Committee of monitoring and supervision of complementary examinations of higher studies for the academic year 2013-2014.	Member
11.	Committee of researches taken from M.Sc. and Ph.D. theses of Botany, biology and bacteriology at the dept. of Biology in 10/12/2014	Member
12.	Committee of the competitive exam for the higher studies 2015-2016	Member
13.	Committee of distributing the first grade students in the scientific departments, 2015-2017	Chairman
14.	Committee of registers inventory and lost marks.	Chairman
15.	Committee of disposing the old examination documents and sheets.	Chairman
16.	Committee of identification of annual inventory for college of sciences.	Chairman
17.	Committee of checking the examination sheets and books and reviewing the higher studies applicants' objections	Chairman
18.	Committee of issuing a book that involves all the regulations and instructions of the ministry of higher education until 2016	Chairman
19.	Committee of checking the the higher studies students' objections for all the scientific departments.	Chairman
20.	Student discipline committee at the college, academic years 2014-2017	Chairman
21.	Student discipline committee biology dept., academic years 2017-2018	Chairman
22.	Committee of preparing folders and the website of the higher studies researches.	Chairman
23.	Promotion researches checking committee at the department	Member
24.	Central committee of supervising the final examinations for the academic year 2014-2017.	Member
25.	Committee of uniform for the academic year 2015.	Chairman
26.	Committee of developing the labs in the scientific departments.	Member
27.	Committee of discussion of graduation researches	Member

	2014-2019	
28.	Central committee of handling the hazardous chemical and biological materials.	Member
29.	The scientific committee of the students' conference	Member
30.	The examination committee in the department	Member
31.	Committee of checking the M.Sc. and Ph.D. theses.	Member
32.	Committee of following up the students' dormitory for the academic year 2014-2017.	Member
33.	Committee of scientific promotions at the college	Member
34.	The central committee for checking the first three graduation researches for the academic year 2015-2017.	Member
35.	Committee of graduation parties at the college of sciences / Tikrit university.	Chairman
36.	Committee of supervision and follow up of competition examination and submitting to the higher studies for the academic year 2015-2018	Member
37.	Committee of national classification of Iraqi universities.	Member
38.	Students' seventh conference to discuss the graduation for the academic year 2015-2016.	Chairman
39.	Committee of preparing folders and the website for the first conference of the higher students 3-4/10/2017.	Chairman
40.	Investigation committees headed by the University chancellorship	Member
	Committee of investigating the university status concerning the symmetric specialties in colleges and scientific departments.	Member
	Committee of formulation and unification of formal frameworks of theses and dissertations.	Member
	Committee of preparing and forming the branch committees for the University anniversary day.	Member
	Committee of the comprehensive examination for Ph.D. at the colleges of sciences and agriculture for the academic year 2016-2017	Member
	The scientific committee at the department of biology 2017-2018	Member
	Committee of interviewing the applicants for higher studies 2018-2019	Member
	Committee of selection curricula and textbooks.	Member
	Committee of experts for biologists specialization in Iraq 2019.	Member
	Committee of comprehensive oral exams for the second group Ph.D. students / second attempt for the academic year 2017-2018	Member
	Committee of educational guidance at dept. of biology/ Tikrit University 2019.	Member
	Committee of comprehensive oral exam for Ph.H. student (Bushra Esam) 25/2/2019	Chairman & supervisor
	Committee of comprehensive oral exam for Ph.H.	Chairman &

	student (Raghad Zeyad Sulaiman) 10/11/2019	supervisor
	Committee of evaluating the competitive exam sheets for the applicants' for higher studies 2019-2020.	Member
	Committee of master sheet auditing for the academic year 2016-2017	Member

- **Eighth: Researche projects to serve the environment, society or developing the education:**

No.	Research	Publication in	Year
1.	The effect of Endol biotric acid on the growth and production of wheat <i>Triticum aestivum</i> L.	Tikrit journal for pure science	2005
2.	The effect various concentrations of Endolic acid (IBA) on the growth and components of barley <i>Hordeum Vulgar</i> L. within different periods if irrigation	Tikrit journal for pure science (No.2)	2005
3.	The effect various concentrations of the growth regulator (ANA) on the yield of two species of cotton <i>Gosspium Hirsutum</i> L.	Tikrit journal for agricultural sciences	2006
4.	Testing the efficiency of <i>Convolvulus sp</i> in the plant treatment of waste water.	Tikrit journal for agricultural sciences	2010
5.	The effect of some heavy element on the growth of wheat <i>Triticum aestivum</i> L.	AlAnbar university journal for pure sciences	2011
6.	A study of the pureness of water of newly-digged wells in Rabee'a subdistrict.	Tikrit university journal for pure sciences	2012
7.	Efficiency evaluation of (<u>Phragmites Australis</u>) as initial treatment for some of sewage water of Alkaraze valley course in Mosul city.	First scientific conference of biology department 6-6//3/2012	2012
8.	Pureness of water of some wells in villages and districts of Salah AlDeen governorate.	Tikrit journal for pure science, No. 25	2012
9.	Efficiency testing of (Phragmites Australis) as phytoremedation the sewage water of AlKaraze valley course in Mosul city.	Journal of University of Duhok, vol. 15, No.1	2012
10.	Effect of lead, cadmium and zinc on germination and seedling growth of wheat (<i>Triticum aestivum</i> L.)	Seventh scientific conference of college of Education 6-7/2012	2012
11.	Study of the groundwater of some Muhalabeyyah wells and their water freshness for houses consumption.	second scientific conference of pure sciences 20-22 Nov.	2012
12.	The efficiency of Lemna L. species in withdrawing the pollutants and cleaning the sewage water from	Fourth scientific conference of college of Education, Tikrit	2012

	heavy elements.	University/ Samaraa	
13.	Studying the effect of various waters on the morphological, anatomical and physiological characteristics of wheat (<i>Triticum aestivum</i> L.)	Eighth scientific conference of college of Education for pure sciences / biology, 2-3/4/2014	2014
14.	The study of the quality and the treatment of water with plants for Sobashi spring in Talafar district.	AlRafedain Sciences Journal	2014
15.	Studying the effect of sewage water treated with sedimentation and filtration on the accumulation of @نزرة elements in celery <i>Apium graveolens</i> L.	Kirkuk Journal for scientific studies	2015
16.	Evaluation of using some chemical fertilizers on some physiological and genetic characteristics and some effective materials of celery <i>Apium graveolens</i> L.	Tikrit journal for pure sciences	2015
17.	The study of evaluating some water stations in Samaraa district/Iraq.	Second international scientific conference of agricultural researches.	2014
18.	Biological accumulation of some heavy elements in <i>Lycium shawii</i> and <i>Tamarix arabica</i> collected from the lower Zab river in Kirkuk / Iraq.	AlZaqaziq journal for horticultural sciences/ AlZaqaziq university / Egypt.	2016
19.	The effect of the lower Zab river pollutants on the Tigris.	First scientific conference of college of Education for pure sciences / Kirkuk university.	2015
20.	Studying the physical and chemical characteristics for some water sites of the Tigris in Mosul/Iraq.	Environmental conservation and biodiversity XIII. Congress of ecology and environment with international participation. 12-15 Sept. 2017, Edirne.	2017
21.	Treatment of Dairy factory wastes using two types of algae <i>Chlorella</i> and <i>Lyngbia</i> .	AlMuthana journal for engineering and technology.	2017
22.	The environmental effect on the quality of tigris river, for several estuaries with liquid wastes in Mosul city.	The first international conference of AlKitab university college in cooperation with the LUND Swedish university.	2017
23.	Studying some physical and chemical characteristics of AlWand river and	Kermyan university journal	2017

	their impact on Deyala governorate.		
24.	Evaluation of AlWand river water in Khaniqueen city and its impact on Deyala governorate.	Second international scientific conference 1-2/3/2017	2017
25.	Treatment of waste water of the dairy factory using two types of algae Chlorella and Lyngebia. two types of algae Chlorella and Lyngebia.	AlMuthanna journal for engineering and technology.	2017
26.	Measuring the concentrations of lead, manganese and nickel elements in the edges of the roads in Erbil.	AlOtrooha journal for pure sciences	2018
27.	Measuring the E.coli in four main water stations in Salah AlDeen governorate.	AlOtrooha journal for pure sciences	2018
28.	Application of the Canadian Model CCMEWQI to evaluate the well water for irrigation and livestock, a case study: Well waters at Alseddiq and AlHadbba neighborhoods in Mosul city.	first international scientific conference of college of sciences, Tikrit Journal for pure sciences.	2018
29.	The Elyopathic effect of <i>medicago sativa</i> L. plant wastes on the growth of two speices of <i>Trigonella foenum-graecum</i> growing in various levels of moisture.	Journal of educationala and scientific studies.	2019
30.	Studying some heavy elements in AlWand lake in Khaniqueen in Deyala governorate.	Arab journal for sciences and researches publication.	2019
31.	A bacteriological study of AlWand lake in Khaniqueen.	Scientific journal of Kermyan university.	2020
32.	Effect of irrigation with various well waters on the on the growth and some physiological processes of <i>vigna unguiculate</i> and <i>Phaseolus vulgaris</i>	AlOtrooha journal for pure sciences	2020
33.	Isolation and diagnosis of several secondary and effective compounds in السعد Iraqi plant.	AlOtrooha journal for pure sciences	2021
34.	Bioremediation of contaminated soil with crude oil using two different bacteria	ICARPAS 2021 AIP Conf. Proc	
35.	ESTIMATION OF SOME HEAVY METALS IN SOIL AND Phragmites australis (PHYTOREMEDIATION) IN FATHA AND QAYYARAH AREAS IN SALAH AL-DIN AND NINAVA GOVERNORATES- IRAQ	Journal of Global Ecology and Environment	:(1)12 ,49-44 2021 ISSN: 2454-2644

• Position he occupied

No.	Position	Place	Date
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1	Dean assistant for scientific affairs	College of sciences	2014-2017
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• **Theses discussions he participated in:**

No.	University	College	Type of committee	No. of discussions	Membership
1.	Mosul university	Environment	Master	4	Chairman
2.	Mosul university	Education	Master	3	Chairman
3.	Tikrit university	Agriculture	Master	1	Chairman
4.	Tikrit university	Education	Doctorate	2	Member
5.	Mosul university	Education	Master	4	Member
6.	AlAnbar university	Sciences	Master	1	Member
7.	Tikrit university	Sciences	Master	23	Member
8.	Tikrit university	Sciences	Doctorate	1	Member
9.	Mosul university	Sciences	Master	2	Member
10.	Tikrit university	Sciences	Master	5	Chairman
11.	Salah AlDeen university/ Erbil	Environment	Doctorate	1	Member
12.	Mosul university	Sciences	Doctorate	1	Member
13.	Tikrit university	Sciences	Master	11	Member & supervisor
14.	Tikrit university	Sciences	Doctorate	2	Member & supervisor
15.	Deyala university	Education for pure sciences	Doctorate	3	Member
16.	AlAnbar university	Education for pure sciences	Master	1	Chairman
17.	Deyala university	Education for pure sciences	Master	4	Member
18.	Baghdad university	Education for girls Ibn Alhaitham	Master	1	Chairman
19.	Baghdad university	Sciences	Master	1	Member

• **Scientific Evaluation of researches, master and doctorate theses and promotion researches:**

No.	Scientific journals	M. Sc. & Ph.D. theses	Promotion researches
1.	Tikrit journal for pure sciences, Ref. 22 in 5/2/2015	College of Education/Biology dept., Tikrit University, ref. 3/7/0627 in	Promotion researches for lecturer title, ref. 6/10 TA in 12/12/2016.

		21/5/2015, Master thesis.	
2.	Tikrit journal for pure sciences, Ref. 645 in 14/9/2015	College of Education for pure sciences /Biology dept., Tikrit University, ref. 3/7/0627 in 21/5/2015, Master thesis.	Samaraa university/College of engineering / committee of researches consolidation, ref. 49/2017 in 18/12/2017.
3.	Tikrit journal for pure sciences, Ref. 303 in 9/6/2015	College of Education for pure sciences /Biology dept., Mosul University, ref. 3/7/0627 in 21/5/2015, Master thesis.	Promotion researches for professor title, ref. 15 S promotions 1143 in 14/11/2018.
4.	AlAnbar university journal for pure sciences, ref. / in 29/4/2018	College of Education /Biology dept., Mosul University, ref. 3/7/6339 in 22/7/2012, Master thesis.	Promotion researches/Northern Technical University / Technical Institute/ Mosul, ref. 861 in 13/11/2019
5.	Kirkuk university journal, ref. 3716 in 22/4/2015	College of Agriculture, Tikrit University, ref. 216 in 22/12/2013, master thesis.	Promotion researches/Mosul University/ scintific promotion affairs in 15 S/promotions/340 in 22/7/2020.
6.	Tikrit journal for pure sciences, ref. 108 in 29/1/2013	College of Education for pure sciences/Biology dept., Tikrit University, ref. 3/7/78.	Scientific promotion, ref. ... / scientific promotions.
7.	Tikrit journal for pure sciences, ref. 336 in 16/4/2013	College of Education for pure sciences/Biology dept., Tikrit University, ref. 13/12.	
8.	Tikrit journal for pure sciences, ref. 418 in 9/4/2014	College of Education for pure sciences/Biology dept., Tikrit University, ref. 3/7/2787, Master thesis.	
9.	Tikrit journal for pure sciences, ref. 17 in 5/2/2015	College of agriculture, Tikrit University, ref.	

		/S/216	
10	Tikrit journal for pure sciences, ref. 303	College of Education for pure sciences/Biology dept., Tikrit University, ref. 3/7/2067, Master thesis.	
11	Tikrit journal for pure sciences, ref. 645	College of Education for pure sciences/Biology dept., Tikrit University, ref. 14/11/2017.	
12	Tikrit journal for pure sciences, ref. 215	College of Science /Biology dept., Tikrit University, ref. 7/18/174 in 9/1/2108.	
13	Tikrit journal for pure sciences, ref. 120 in 29/3/2015	College of Education for pure sciences/Biology dept., Mosul University, ref. 5/2/5/3 in 7/11/2018.	
14	Tikrit journal for pure sciences, ref. 75 in 15/3/2015	College of environment sciences and its thchnolgies, higher studies / Mosul University, ref. 7S/67 in 7/6/2020, Master thesis.	
15	Tikrit journal for pure sciences, ref. 235 in 15/5/2017	College of Education for girls /Biology dept., AlAnbar University, ref. 86 in 30/2/2021.	
16	Research evaluation for the sixth scientific conference for agricultural researches in 19/2/2017	College of Science /Biology dept., AlMuthanna University, ref. 64/S in 11/4/2021.	
17	Research evaluation of the sixth scientific conference for agricultural researches in 22/2/2017.		
18	Tikrit journal for pure sciences, ref. 75 in		

	20/10/2016		
19	Kirkuk university journal for scientific studies ref. 3716		
20	Tikrit journal for pure sciences, ref. 1011 in 4/7/2018		
21	Journal of environmental studies, Sohaj University, Egypt, ref. 124-2014.		
22	Tikrit journal for pure sciences, ref. 73/4/15		
23	Tikrit journal for pure sciences, ref. 761 in 4/5/2017		
24	Tikrit university journal for agricultural sciences, ref. 81/35 in 4/1/2016.		
25	Tikrit university journal for agricultural sciences, ref. 590 in 22/1/2018.		
26	Research evaluation for the fifth conference genetics and environment) for the association of genetic sources preservation and the Iraqi environment in 10/2/2018.		
27	Research evaluation for the fifth conference genetics and environment) for the association of genetic sources preservation and the Iraqi environment in 11/2/2018.		
28	Research evaluation for the fifth conference genetics and environment) for the association of genetic sources preservation and the Iraqi environment in 11/3/2018.		

29	Research evaluation for six researches for the second international of college of sciences/ Tikrit University in 24-25/Nov. 2020.		
30	Tikrit journal for Agricultural Sciences, Ref. 470/E10 in 5/5/2021		

• **Membership in Associations:**

1	The Egyptian association for experimental biology	Registered with No. 801	2004
2	The Egyptian association for environmental sciences	Registered with No. 353	2004
3	The Egyptian botanical association.	Registered with No. 733	2004
4	Association of preserving the genetic and environmental sources.	Authorized by the ministry of higher education and scientific research, ref. 11583 in 16/10/2004.	2018
5	Iraqi Association of biology	Founded in 1955	2019

• **Participation in workshops:**

No.	Title	Venue	Type of participation	Year
1.	Strategies of asking questions and test construction	College of Education for girls / Tikrit University.	Participant	2013
2.	Quality of chemistry labs according to GLP standards	College of Sciences/ Tikrit University.	Participant	2017
3.	Quality standards and academic reliance of pharmaceutical teaching.	Kitab University College/Dept. of pharmaceuticals in Baghdad, Sheraton Hotel, 13-14/12/2017.	Attendee	2017
4.	New electronic statistical design in chromatography and flow injection analysis.	Jabir Elaiwi Hall/ Collge of Science.	Participant	2018
5.	Requirements of business quality	Unit of rehabilitation and employment and	Participant	2018

	management in higher education and state various institutions.	followup 15/1/2018.		
6.	The relationship of the environment with the arts and heritage artifacts.	Association of preserving the Iraqi genetic and environmental sources and the directorate of promenades/Baghdad secretariat.	Attendant	2018
7.	Sound future planning	Unit of rehabilitation and employment and followup 15/1/2019.	Attendant	2019
8.	Our talented students are our bright future	The third directorate of education (AlKarkh)/Ministry of Education and AlNakhla Environmental organization.	Attendant	2019
9.	Preparation of groups, exams and marks calculation using Google Classroom package.	Continuous electronic teaching unit/College of Education/ AlMustansireyyah University	Attendant	2020
10.	Lab tests of rubber products.	College of engineering/AlQadis eyyah University.	Participant	2020
11.	Health and work safety in the work site.	Ab'aad AlTanmeya Institution in Iraq/Wasit Branch	Attendant	2020
12.	Neural system and the denotations of some functional measurements.	Institution of Badan Academy	Participant	2020
13.	How to prevent cheating in the electronic test.	Baghdad University/College of Languages/ Ibn Sina center in cooperation with the continuous teaching.	Participant	2020
14.	Training Course Management	Dept. of food sciences/College of Agriculture/ Kufa university	Participant	2020
15.	Interaction of electronic teaching system using Google Slide	Institute of technology/Central University of Technology.	Attendant	2020

16	Glassroom Teaching platform and dealing with its various tools.	AlA'yan organization for economic development.	Attendant	2020
17	Space Internet Networks VAST	Institute of technology/Central University of Technology.	Attendant	2020
18	Google Classroom	Tikrit University/ Center of continuous teaching/Training section	Attendant	2020

- **Scientific journals:**

- Editor of Alutroha journal for environmental sciences (ISSN/2518-0606), <http://www.alutroha.com>
- Editor and member of board of Judi American Journal for scientific researches in Amman, Jordan.
- A member of edition faculty and scientific proofreader at the international Swedish journal "Lond".

Sustainable resources management Journal (ISSN 2002-6145).

- Editor and proofreader of AlArabia journal for sciences and publication of researches in Ghaza, Palestine and a member of edition of AlElmeyya Journal for researches.

*** Letters , Award and certificates of appreciation:**

No.	Letters , Award and certificates of appreciation	Awarded by	No.	Year
1	Letter of appreciation	Minister of higher education & scientific research	1	2007
			1	2013
			1	2014
			3	2019
			3	2020
			1	2021
2	Letter of appreciation	University chancellor	1	2008
			1	2011
			1	2012
			1	2013
			4	2014
			7	2015
			8	2016
			12	2017
			6	2018
			3	2019
			6	2020
			3	2021
3	Letter of appreciation	Dean of the collage	1	2006
			1	2007
			1	2011
			4	2013
			2	2015
			5	2016
			9	2017
			3	2018
			2	2019
			1	2020
			1	2021