

## CURRICULUM VITAE



### PERSONAL DATA

**Name:** Prof. Dr. Mohanad Jawad Kadhim  
**Date of Birth:** 1975      **Place of Birth:** Basrah-Iraq      **Nationality:** Iraqi      **Marital Status:** Married  
**Number of children:** /  
**Current Address:** Chemistry Department-Education College for Pure Sciences-Basrah University  
**Mobil Number:** ///      **E-Mail:** //////////////////////////////////////

**Academic Affiliation:**  
**Current University:** Basrah      **Faculty:** Education for Pure Sciences      **Department:** Chemistry  
**General Specialization:** Chemistry      **Final Specialization:** Physical Chemistry

### ACADEMIC QUALIFICATIONS

**First University Degree: B.Sc.**      **Date awarded:** 1998      **College:** Sciences  
**Name and place of University:** Basrah-Iraq

**First University Degree: M.Sc.**      **Date awarded:** 2001      **College:** Sciences  
**Name and place of University:** Basrah-Iraq  
**Thesis Title:** Synthesis and Evaluation of New Demulsiferis for Using them in the Fields of Southern Petroleum Company.

**First University Degree: Ph.D**      **Date awarded:** 2007      **College:** Education for Pure Sciences  
**Name and place of University:** Basrah-Iraq  
**Thesis Title:** Preparation of Some Peripherally Polymerized Metallophthalocynines and Study of their Spectroscopic and Electrical Properties.

## EMPLOYMENT HISTORY

<b>Institution</b> (place of work)	<b>Period</b> To From		<b>Job Title</b> (Academic rank)	<b>Nature of work</b>	<b>Type of work</b>
Basrah University Education College for Pure Sciences Chemistry Department	2002	2007	Assistant Teacher	Lecturer	Lecturer
Basrah University Education College for Pure Sciences Chemistry Department	2007	2010	Teacher	Lecturer	Lecturer
Basrah University Education College for Pure Sciences Chemistry Department	2010	2011	Assistant Professor	Lecturer	Lecturer
Basrah University Education College for Pure Sciences Chemistry Department	2011	2014	Assistant Professor	Lecturer	Vice-Head of the Department
Basrah University Education College for Pure Sciences Chemistry Department	2014	2020	Proferssor	Lecturer	Assistant Dean For Administrative Affairs and Vice Dean
Basrah University Education College for Pure Sciences Chemistry Department	2019	2019	Lecturer	Lecturer	I was assigned duties of Dean of the College to conduct business in addition to my duties as Assistant Dean for Administrative Affairs
Basrah University Education College for Pure Sciences Chemistry Department	2020	2023	Professor	Lecturer	Lecturer

## UNIVERSITY TEACHING

### 1. Course taught at undergraduate level

<b>Institution</b>	<b>Course Title</b>	<b>Language of Instruction</b>
Education College for Pure Sciences	Physical Chemistry-Thermodynamic	Arabic
Education College for Pure Sciences	Physical Chemistry- Kinetics	Arabic
Education College for Pure Sciences	Physical Chemistry- Electrical	Arabic
Education College for Pure Sciences	Practical Physical Chemistry	Arabic

## **2. Course taught at graduate level**

<b>Institution</b>	<b>Course Title</b>	<b>Language of Instruction</b>
Education College for Pure Sciences	Solid State- M.Sc. and Ph.D.	English
Education College for Pure Sciences	Oil Emulsions- Ph.D.	English
Education College for Pure Sciences	Surface Active Agents- Ph.D.	English
Education College for Pure Sciences	X-ray-Ph.D.	English
Education College for Pure Sciences	X-ray diffraction & IR Spectroscopy-M.Sc.	English
Education College for Pure Sciences	<sup>1</sup> H-NMR & IR Spectroscopy-M.Sc.	English

## **3. Course taught at graduate level**

<b>Degree</b>	<b>Number</b>
M.Sc.	(8)
Ph.D.	(4)

### **Letters of thanks and appreciation, investigative and audit committees, discussion committees and patents**

<b>No. of thank you books</b>	<b>The No. of investigative, auditing and discussion</b>	<b>No. of patents</b>
Minister (6), University's president (14), Dean (26)	In the ministry, university and college	1
The total = 46	The total = 141	The total = 1

### **CONFERENCES & SYMPOSIA ATTENDED**

<b>Conference &amp; Symposia attended</b>	<b>Date</b>	<b>Place</b>
First, Second and Third National Polymers	1997, 1999, 2001	Iraq
Iraqi Petrochemical Company	2002	Iraq
Iraqi Port Company	2002	Iraq
First International for Chemistry	2011	Iraq
Second International for Chemistry	2013	Iraq

**MEMBERSHIP OF LOCAL, REGIONAL AND INTERNATIONAL  
PROFESSIONAL ORGANIZATIONS AND NATURE OF MEMBERSHIP**

Name of organization or society	Membership period		Nature of membership
	From	To	
Iraqi Chemists Union	1998	2001	Member
Iraqi Polymer Society	2003	2015	Member

**SCIENTIFIC RESEARCH**

1. Synthesis, Characterization and Study of Electrical Conductivity of poly (4,4'-diazophenylene dibenzylthio diamine) and poly (3,3',5,5'-tetra azophenylene 4,4'-diamino dibenzylthio diamide). *J.Basrah Research (Sciences) Vol.33, No. "152-160" (2007).*
2. Synthesis and Characterization of Some Copper(II) and Nickel(II) Complexes of Schiff base. *J.Basrah Research (Sciences) Vol.35, No.5, "70-77" (2009).*
3. Synthesis, Characterization and Study of Biological Activities to the Anionic Surfactants. *Journal of Thi-Qar University Vol.5, No.1, "13-21" (2009).*
4. Synthesis, Characterization and Study of Electrical Properties of Some Al(III) and Fe(III) Chelates of Schiff base derived from 2,5-dihydroxy benzaldehyde and 2-amino phenol. *Uruk Scientific Journal Vol.3. No.1 "71-82" (2010).*
5. Synthesis, Characterization and Study of Surfactants Efficiency in the Dispersion (O/W) Emulsions. *Iraqi Journal of Science, Vol.4, No.2, "31-35" (2008).*
6. Synthesis of Some Anionic Surface-active agent Containing Hetero-Cyclic Moiety and Study of their Biological Activities. *Journal of Missan Research (2009).*
7. Synthesis and Study of New Surface-active agent in Foaming the Foam used in Fire-Extinguishing. *J.Basrah Research (Sciences) Vol.30, No.3, "42-48" (2004).*
8. Synthesis, Characterization and Study of Electrical properties of 1,4-diazophenylene-bridged Ni-phthalocyanine polymer. *J.Thi-Qar University (2005).*
9. Synthesis, Characterization and Study of Electrical Properties for some Metallopolymers derived from benzylidene acid. *J.Thi-Qar University, (2007).*
10. Synthesis of Anionic Surface-Active Agents from Fatty Acid Hydrazides Containing Heterocyclic Moiety. *J.College of Education-Al-Mustansaria-Bagdad (2005).*
11. Synthesis and Characterization of Ni<sup>2+</sup> and Cu<sup>2+</sup> Schiff-base Complexes and Their Study for Electrical Properties. *J.Basrah Research (Sciences), Vol. (37), No. 3A, (2011).*
12. THEORETICAL AND PRACTICAL STUDY OF SOME SURFACTANTS AND USE IN TREATMENT OF WATER IN OIL (W/O) EMULSIONS. *Iraqi Journal of Science, Vol. (53), No. (1), (2012).*
13. Copper (II) and Nickel (II) Chelates of Schiff base Derived from 1, 5-diglutraldehyde with *ortho*-phenylene diamine. *Journal of Missan Research, Vol. (8), No. (15), (2011).*
14. Synthesis and Study of Cationic Gemini Surfactants Solutions for Dispersing Oil/Water (O/W) Emulsions and Biological Activity. *Journal of Thi-Qar Science, (2012).*
15. The synthesis, Characterization and the Study of Optical Properties to Blends (4-NH<sub>2</sub>)<sub>4</sub>PCu Complexes with Fluorescence and Rhodamine-B. *J.Basrah Research (Sciences), Vol. (38), No. 3A, (2012).*
16. The Preparation, Characterization and the Study of Thermal Properties to Some Co-Phthalocyanine Polymer Derivative from Epichlorohydrin and Dichlorodimethyl Silane. *J.Basrah Research (Sciences), Vol. (39), No. 2A, (2013).*
17. Novel Cationic Gemini Surfactants: Preparation, Characterization and Breaking of Water in Crude Oil Emulsion. *International J. of Applied Chemical Sciences Research, Vol. (2), No. 3, (2014).*
18. Synthesis of Novel Cationic Gemini Surfactants and Used Their to Treatment (W/O) emulsions Which Formation in Heavy Crude Oil. *J. Pharmaceutical, Biological and Chemical Sciences, Vol. (5), No. 6, (2014).*
19. Synthesis of Non Ionic Gemini Surfactants and used As Demulsifier to Treatment Water in Crude Oil (W/O) Emulsions. *International J. of Engineering and Technical Research, Vol. (3), No. 3, (2015).*
20. Synthesis and Characterization of Cationic Gemini Surfactants and Study its Applications as Dispersions and Biological Activity. *International Journal of Science and Research (IJSR). Volume (7), No. 3, (2018).*
21. Synthesis, Characterization and Thermal Studies of Schiff Bases Derived from 2,4-Dihydroxy benzaldehyde and their Complexes with Co(II), Ni(II), Cu(II). *International Journal of Scientific Engineering and Research (IJSER). Volume (7) No. 1, (2019).*

22. Synthesis and Characterization of New Gemini Surfactants Derived From Imidazole and Indole and Study Their Efficiency as Dispersible and Biologically Effective Materials. *World Journal of Pharmaceutical Research*. Volume (9) No. 3, (2020).
23. Use of nano-magnetic materials for removal of lead (II) and cadmium (ii) ions from aqueous solutions. *Mesopot. J. Ma Sci.*, 36(1): 59 – 72, (2021).
24. Synthesis and Characterization of Spinel Ferrite  $MFe_2O_4$  (M=Co/Zn) Nanoparticles for Lead (II) Ions Removal from aqueous solution. *Indian Journal of Ecology*, 49 (18):675-683, (2022).
25. One-Pot Synthesis, Antibacterial Activity and Study the Inhibition Corrosion on Carbon Steel Alloy in Acid Media of 5-Phenyl-1,3,5-Dithiazinane & Cationic Surfactants. *Journal of Kufa for Chemical Sciences*, 2 (9): 211-224, (2022).

## السيرة الذاتية



## المعلومات الشخصية

الاسم: الاستاذ الدكتور مهند جواد كاظم			
تاريخ الولادة: 1975	محل الولادة: البصرة-العراق	الحالة الاجتماعية: متزوج	عدد الاولاد: ///
العنوان الحالي: قسم الكيمياء / كلية التربية للعلوم الصرفة / جامعة البصرة			
رقم الهاتف: //		البريد الالكتروني: //////////////////////////////////	

## الانتماء الاكاديمي

الجامعة: البصرة	الكلية: التربية للعلوم الصرفة	القسم: الكيمياء
التخصص العام: كيمياء	التخصص الدقيق: كيمياء فيزيائية	

## الشهادات الاكاديمية

الشهادة : البكالوريوس	الكلية: العلوم	الجامعة: البصرة	البلد : العراق	السنة: 1998
الشهادة : الماجستير	الكلية: العلوم	الجامعة: البصرة	البلد: العراق	السنة : 2001
عنوان الرسالة: تحضير المواد الكاسرة للاستحلاب الجديدة وتقييمها لغرض استخدامها في حقول شركة نفط الجنوب				
الشهادة: الدكتوراه	الكلية: التربية للعلوم الصرفة	الجامعة: البصرة	البلد: العراق	السنة: 2007
عنوان الاطروحة: تحضير بعض الفثالوسيانينات الفلزية ذات البلمرة الجانبية ودراسة خواصها الطيفية والكهربائية				

### التاريخ الوظيفي

مكان العمل	الفترة من وإلى	العنوان الوظيفي	طبيعة العمل	نوع العمل
جامعة البصرة-كلية التربية للعلوم الصرفة- قسم الكيمياء	2002	2007	مدرس مساعد	تدريسي
جامعة البصرة-كلية التربية للعلوم الصرفة- قسم الكيمياء	2007	2010	مدرس	تدريسي
جامعة البصرة-كلية التربية للعلوم الصرفة- قسم الكيمياء	2010	2011	استاذ مساعد	تدريسي
جامعة البصرة-كلية التربية للعلوم الصرفة- قسم الكيمياء	2011	2014	استاذ مساعد	مقرر قسم الكيمياء
جامعة البصرة-كلية التربية للعلوم الصرفة- قسم الكيمياء	2014	2020	استاذ	معاون العميد للشؤون الادارية و وكيل عميد الكلية
جامعة البصرة-كلية التربية للعلوم الصرفة- قسم الكيمياء	2019	2019	استاذ	تكلفي بمهام عميد الكلية تسيير اعمال اضافة الى مهام كمعاون عميد للشؤون الادارية
جامعة البصرة-كلية التربية للعلوم الصرفة- قسم الكيمياء	2020	2023	استاذ	تدريسي

### التدريس الجامعي

#### 1. التدريسات الاولى:

الكلية	عنوان المادة	اللغة
التربية للعلوم الصرفة	الكيمياء الفيزيائية-الثرموديناميك	العربية
التربية للعلوم الصرفة	الكيمياء الحركية	العربية
التربية للعلوم الصرفة	الكيمياء الكهربائية	العربية
التربية للعلوم الصرفة	الكيمياء الفيزيائية العملي	العربية

#### 2. الدراسات العليا:

المكان	عنوان المادة	اللغة
التربية للعلوم الصرفة	كيمياء الحالة الصلبة / دكتوراه - ماجستير	الانكليزي
التربية للعلوم الصرفة	المستحلبات النفطية / دكتوراه	الانكليزي
التربية للعلوم الصرفة	منشطات السطوح / دكتوراه	الانكليزي
التربية للعلوم الصرفة	الاشعة السينية وطيف تحت الحمراء / دكتوراه-ماجستير	الانكليزي
التربية للعلوم الصرفة	طيف تحت الحمراء وطيف الرنين النووي المغناطيسي / ماجستير	الانكليزي

### 3. الاشراف في الدراسات العليا

الشهادة	عدد الطلبة
الماجستير	8
الدكتوراه	4

### كتب الشكر والتقدير واللجان التحقيقية والتدقيقية ولجان المناقشة وبراءات الاختراع

عدد كتب الشكر	عدد اللجان التحقيقية والتدقيقية والمناقشة	عدد براءات الاختراع
الوزير (6) و رئيس الجامعة (14) والعميد (26)	في الوزارة والجامعة والكلية	1
المجموع = 46	المجموع = 141	المجموع = 1

### المؤتمرات والمشاركات العلمية

حضور المؤتمرات والندوات	السنة	المكان
المؤتمر الاول والثاني والثالث للبوليمرات	1997, 1999, 2001	العراق
مؤتمر شركة البتروكيمياويات العراقية	2002	العراق
المؤتمر الدولي الاول للكيمياء	2011	العراق
المؤتمر الدولي الثاني للكيمياء	2013	العراق

### الانتماء النقابي

اسم الجمعية او النقابة	العضوية للفترة	طبيعة العضوية
نقابة الكيميائيين العراقيين	من 1998 الى 2001	عضواً
جمعية البوليمر العراقية	2003 الى 2015	عضواً

### البحوث العلمية

1. Synthesis, Characterization and Study of Electrical Conductivity of poly (4,4'-diazophenylene dibenzylthio diamide) and poly (3,3',5,5'-tetra azophenylene 4,4'-diamino dibenzylthio diamide). *J.Basrah Research (Sciences) Vol.33, No.1 "152-160" (2007).*
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