

## C.V

**Name:** Dunya Edan Mohammed

**Date of Birth:** 1/7/1963

**Religion:** Muslim

**Martial statues:** married

**No. of children:**four

**Specialization:** Chemistry/ Physical Chemistry  
(Surface Chemistry)

**Position:** Prof.

**Scientific Degree:** prof.

**Work Address:** Baghdad University / college of science/Department  
of chemistry

**Work Phone:**

**Mobile:**

**E-mail:** dn\_almamar@yahoo.com

Photo

### **First, Scientific Certification:**

Date	College	University	Degree science
31/6/1984	Science	Baghdad	B.Sc.
17/3/1990	Science	Baghdad	M.Sc.
			Ph.D.
			Any other
From -To	Workplace	Career	No.

1984-1987	University of Baghdad,	Chemical assistant	1
1990-1997	University of Baghdad,	Assistant lecturer	2
1997-2002	University of Baghdad,	Lecturer	3
2002-2014	University of Baghdad	Assistant Prof.	4
2016-2019	University of Baghdad	Prof.	5
			6

Second, Career:

Third, University Teaching.

From -To	The (Institute / College)	University	No.
1984-2019	Science	Baghdad	1
			2
			3
			4
			5
			6
			7

**Fourth, Courses Which You Teach:**

Year	Subject	Department	No .
2002-2010	general chemistry	geology	1
	physical chemistry	chemistry	2
	analytical chemistry	chemistry	3
2009-2010	chemistry of colloids	chemistry	4
2010-2011	Radiation chemistry	Chemistry	5
2011-2012	Organic chemistry	chemistry	6
2009-2014	physical chemistry	chemistry	7
2016-2019	Surface chemistry and catalysis ( Ms.c)	chemistry	8
			9

**Fifth, Thesis which was supervised by :**

Year	Department	Thesis Title	N o.
			1

			2
			3
			4
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**Sixth, Conferences which you participated:**

Type of Participation	Place	Year	Conferences Title	No.
Researcher	BAGHDAD	1986	Scientific research council	1
Researcher	Basrah	2014	The second international conference of Chemistry	2
Attendance	Baghdad	2012	1 <sup>st</sup> Conference on dust storms and environmental effect	3
Attendance	Baghdad	2013	Studies In Iraqi Oil Conference	4
Researcher	Baghdad	2015	The second National conference of Chemistry	5
Researcher	Baghdad	2016	Third Woman Conference	6
Attendance	Baghdad	2016	First Specialized Scientific Conference of The graduated Students	7
Researcher	Samawa	2018	2nd International Conference Technichal Institute	8
Attendance	Baghdad	2017 Nov	10th Scientific Conference for agricultural Research	9
Attendance	Al-Nahrain University	Nov 2017	1st International Scientific Conference Of College Science	10

## Seventh, Scientific Activities:

Outside the College	Within the College
	Member in anovel instrumental groups

## Eighth, Research Projects in The Felid of Specialization to The Environment and Society or the Development of Education:

Published work

Title of research

1.اعتمادية ثابت عزل مخاليط الفنيل بايروليدون مع بعض الكحولات الاعتيادية على تركيب المزيج درجة الحرارة منشور في المؤتمر العلمي الرابع لمجلس البحث العلمي.بغداد-تشرين الاول,1986.

2- Specific surface and porosity of Aluminum oxide powders by Gravimetric sorption measurements of Nitrogen. Iraq J. of chem... vol.24. No(2) 1998.P(215-219).

3-Potentiometric Determination of Nicotine in Iraq Tobacco, Al-Qadisy Journal Vol.11 No.1,1996.P(33-37).

4-Analysis of Nitrogen sorption isotherm on Aluminum metal before and after surface oxidation using BET methods, J. Coll. Edue for women, Univ.Baghdad vol. 10(1), 1999.P.(173-179).

5-Analysis of Nitrogen sorption isotherm on Aluminum metal before surface oxidation using T and as methods, J. coll.Edu for women,Univ.Baghdad vol. 11(1), 2000.P.(243-249).

6-Thermodynamic Activation parameters for the viscous flow in urea-water mono chloro acitic acid system,Iraqi J.Sci, vol 39A, No.3.1998.P(1-12)

7-Determination of the Dissociation constants of mono chloro acitic acid in urea-water mixtures

Iraqi, J.Sci, vol 40A, No.3,1999, P(14-24)

- 8-Dissociation constants and Related Thermodynamic Quantities of chloro acitic acid ureawater mixtures from conductance measurements, Iraqi Journal of chemistry vol.26, No(3)2000,P(642-650).
- 9-Using phosphate Salts as Inhibitors for corrosion of carbon steel in tapwater J.Sci,vol 28,No.2,2002. P(335-342).
- 10-Effect of(1.4)phenylene diamine on the corrosion of lead in 1M hydrochloric acid Solution J.of Um-salama Science Vol.4(2)2007, PP(290-297).
- 11-Adsorption of Dye Rhodamine B by Iraqi Bentonite clay.J. of Al-Nahrain university Science vol.11(1),April,2008,P.P(34-43).
- 12-study the volumetric behaviors and viscosity of dibromo Acitic Acid in Thiourea-water mixtures. The Iraqi Journal for Mechanical and Material Engineering, Vol.9, No.9, 2009
- 13-Using Methyl urea as inhibitor for the corrosion of carbon steel in 1 M hydrochloric acid medium.Iraqi J.Sci. vol.49 No.2,2008,P(21-30).
- 14-Adsorption characteristics of ferro-fol drug with bentonite clay, kinetic and thermodynamic Diala,Journal, vol,42, No.5 ,2010,P(99-115).
- 15- Characteristics of azo-dye onto surfactant modified chromium contained leather waste *IOSR Journal of Applied Chemistry (IOSR-JAC)*  
e-ISSN: 2278-5736. Volume 7, Issue 2 Ver. I. (Mar-Apr. 2014), PP 01-00
- 
- 16- Removal of Brilliant Green Dye From Aqueous Solution by Adsorption Onto Modified Clay Ibn Al-Haitham Journal for Pure & Appl. Sci, Vol. 26(2) 2013
- 17- Enhanced adsorption of orange II from aqueous solutions by chromium contained leather waste modified with cationic surfactant.  
Online International Interdisciplinary Research Journal, Volume-IV, Issue-III, May-June 2014
- 18- Decolorization of the wastewater using Thuja orientalis as biosorbent/ Iraqi journal of Science Vol. 55, N. 3A, 2014, PP 886-898
- 19- The decolorization of a chemical industry effluent through adsorption over waste materials/ IOSR-JAC V. 8, Issue 6, Ver.I (Jun 2015), PP 16-26
- 20- Removal Of Lead II ions from aqueous solution by (Phargmites australis) Iraqi plant 2017)1(Baghdad science journal Vol.14
- 21- Equilibrium, thermodynamic and Kinetic study for the adsorption of a new azo dye onto a neutral Iraqi dye. . journal of global Pharma Technology 10(05) : 102-109
- 22- Kinetic And Thermodynamic Study For The Adsorption Of Different Type Of Dyes Onto Waste Materials. . transactions on engineering and sciences, 2016 , vol 4 , no:4 , pp:2,3,4,7
- 23- Application Of Surfactant for enhancing the adsorption of Azo Dye Onto buckthorn Tree Wood Surface Journal Of Science 2017, Vol 58, 4A, 1780-1789
- 24- Using natural materials as corrosion inhibitors for carbon steel on phosphoric acid medium, Iraqi Journal of Science, 2019, 60, 40/45

25- Using Tobacco leaves as adsorbent for the orange-G dye removal from its aqueous solutions, 2019, 11, 3, 273-280.

26- Study the antibacterial activity and inhibition effect of reactive red 31 dye for the corrosion of carbon steel in corrosive media, 2019, 1, 11, 123-130

### nnology

No	Research Title	Place of Publication	Year
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1			

### Ninth, Membership:

### Tenth, Awards and Certificates of Appreciation:

Year	Donor	Name of Awards and Certificates	No
1995	Baghdad University	Thanks	1
2004	Baghdad University	Thanks	2
2011	Baghdad University	Thanks	3
2012	Baghdad University	Thanks	4
2013	Baghdad University	Thanks	5

2014	Baghdad University	Thanks	6
2014	Baghdad University	Thanks	7
2014	Al-Basrah University	Thanks	8

Eleventh, Scientific literature:

Year of The Publication	Scientific Literature Title	No
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		1
		2
		3

Twelfth, languages: English



**Note: - Make a copy on CD.**

