

## Curriculum Vitae



**Name: khulood abid salih**

**Date of Birth: 1961**

**Religion : muslim**

**Martial statues: married**

**No. of children: four**

**Specialization: physical chemistry**

**Position: professor**

**Scientific Degree: professor**

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**■ First, Scientific Certification:**

Degree science	University	College	Date
B.Sc.	Baghdad	science	1983
M.Sc.	Baghdad	science	1986
Ph.D.	Baghdad	science	1997
Any other			

■ **Second, Career:**

No.	Career	Workplace	From -To
1	Assistant instructor	Baghdad university	1987-1996
2	Instructor	Baghdad university	1996-2001
3	Assistant prof.	Baghdad university	2001
4	Professor	Baghdad university	2009

■ **Third, University Teaching.**

No.	University	The (Institute / College)	From -To
1	Baghdad	Science	1986 until now
4	Al-Nahran university	Science	2005 -2006
5			
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■ **Fourth, Courses Which You Teach:**

No.	Department	Subject	Year
1	Geology	General chem.	2000-2002

2	Astronomy	General chem.	2003
3	Chemistry	Corrosion chem..	2002-2004
4	Chemistry	Electrochem.	2004
5	Chemistry	Kinetic chem..	2005-2010
6	Chemistry	Thermodynamic chem..	2001-2003
7	Chemistry	Advance physical chem.. MSc	2005-2009
8	Chemistry	Advance physical chem.. Ph.D	2007
9	Chemistry	Modern Electrochemistry.. Ph.D	2011-2019

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

No.	Thesis Title	Department	Year
1	Adsorption study of lead on the surfaces of ion exchange resin & some Iraqi clays M.Sc	Chemistry	2006
2	Adsorption study of LAS on Iraqi bentonite clays M.Sc	Chemistry	2007
3	Sorption study of some organic pollutants on TiO <sub>2</sub> M.Sc	Al-nahran university	2009
4	Study about removal of Cr <sup>6+</sup> from aqueous solutions & its effect on metallic conta M.Sc	Chemistry	2009
5	Potentiostatic study for the corrosion ,corrosion inhibitor of Galvanized steel in acidic,basic and salty solution M.Sc	Chemistry	2011
6	Synthesis and characterization of som special organic compounds as a corrosion inhibitor for used in pettoleum industry ph.D	Chemistry	2013
7	Corrosion inhibition measurement of zinc in acidic media by different techniques. M.Sc	Chemistry	2014
8	Corrosion and corrosion protection of carbon steel in saline water by ZrO <sub>2</sub> , SiC and Al <sub>2</sub> O <sub>3</sub> nanoparticales M.Sc	Chemistry	2014
9	Removal of organic pollutants from aqueous solution by using Iraqi clays , modified clays , and applied semi-empirical program to theoretical adsorption study. Ph.D	College of science for women	2014
10	Kinetic and theoretical studies of the photodegradation for same organic pollutoants by nano materials. Ph.D	Chemistry	-

■ **Sixth, Conferences which you participated:**

No.	Conferences Title	Year	Place	Type of Participation
1	3 <sup>rd</sup> Baghdad science	2008	Baghdad	1 <sup>st</sup> researcher
2	Baghdad women science	2010	Baghdad	1 <sup>st</sup> researcher
3	Tikrit univ.	2009	Tikrit	1 <sup>st</sup> researcher
4	Wasit univ.	2010	Wasi t	1 <sup>st</sup> researcher
5	Al-qadisea univ.	Kuala	Qadisea	1 <sup>st</sup> researcher
6	ICBEC 2011-Dubay	2011	Dubay	1 <sup>st</sup> researcher
7	ICCCP2012	2012	Malysia	1 <sup>st</sup> researcher

■ **Seventh, Scientific Activities:**

Within the College	Outside the College
Comprehensive exam	Training in Alberta _Canada 2007
Promotion Committee	Training in Georgia institute , USA, 2014
Subscribe to two sessions of the computer	
Evaluation of more than seventy research	
Discussion of more than thirty student M.sc and	

## **■ Eighth, Research Projects in The Field of Specialization to**

### **The Environment and Society or the Development of Education:**

#### **Published Researches performed:**

1. Patent no. 2000- preparation and identification of 12 dye and study and its application on fibers by using spectrophotometric methods, no.906, in 13-2-1995.
2. Kinetic study for the corrosion of Zinc in HCl media, Iraqi. J. of Sci., 1996, Vol.37.
3. Corrosion of stainless steel in HCl solution, accepted in Ibn-Al-Haitham Journal., 1996.
4. M.Sc. thesis, Potentiostatic study for the corrosion inhibition of stainless steel in H<sub>2</sub>SO<sub>4</sub>, 1986.
5. Ph.D. thesis, Electrochemical study for corrosion and corrosion inhibition of some iron alloys in acidic and basic medium, 1997.
6. Inhibition effect for the corrosion of low carbon steel 304L in H<sub>2</sub>SO<sub>4</sub> solution by using thiourea, Iraqi. J.Sc., Vol.36, no.3, 1995.
7. The effect of amino compounds on the corrosion inhibition of Zinc in HCl solution, Iraqi. J. of Chem., Vol.27(3), 2001.
8. Inhibition effect of diethylamine on the corrosion of carbon steel in 1M HCl, Iraqi. J.of Chem., Vol.21(1), 2001.
9. Corrosion of some iron alloys in acidic and basic medium, Iraqi. J. of Chem., 2003.
10. Effect of LAS (Linear Alkylbenzene Sulfonate) on the corrosion of Al, Zn, and Pb in 1M HCl, National Journal of chemistry, Vol.29, p.76-86, 2008 .
11. kinetics study for the dissociation of substituted benzenediazonium salts, National J. of Chem., Vol.25, p.195-205, 2007,
12. Thermodynamic study for the adsorption of Lead ions on Iraqi bentonite clay, Tikrit for Pure Sciences. J., Vol.11(2), p.229-232, 2006.
13. Corrosion inhibition of Zn in acidic media by using urea as an inhibitor, accepted in Al-Nahrain J., , Vol.10(2), p.31-38, 2007.
14. Adsorption study of Lead ions on a number of ion-exchangers and some Iraqi clays., Al-Nahrain j., Vol.9 (1), p. 5-11, 2006.
15. Effect of 1,4-diphynel amine for the corrosion rate of lead in HCl solution, Um-Salama, J. of Sciences, Vol.4(2), p.290-296, 2007.
16. Adsorption of Rhodamin B (dye) on the Iraqi bentonite, accepted in Al-Nahrain J. of Sci., Vol.11(1), p.34-43, 2008.
17. Corrosion inhibition of Zinc by using urea, thiourea, and guanidine in HCl solution, Iraqi Journa of Science, Vol.49 No.1, 2008, pp.29-34.
18. Theoretical study of the adsorption of LAS on bentonite which modified by three surface active materials. Accepted in Journal of Al-Nahrain University, Vol.12(3) September 2009, pp.8-15
19. Sorption study of brilliant blue dye on Titanium dioxide, first scientific conference college of science, University of Tikreet.
20. Adsorption studies of linear alkylbenzene sulfonate by using Iraqi bentonite clays , Iraqi journal of Science, Vol.50, No.2, 2009, pp.144-151
21. Effect of sodium dodecyl sulfate (SDS) on the corrosion of Aluminum (6061) proceeding of 3<sup>rd</sup> scientific conference of the collage of science, University of Baghdad, 24 to 26 March 2009

22. Potentiostatic study for the effect of LAS on the corrosion of pure zinc in 0.01 M HCl solution, Ibn al-Haitham journal for pure & appl. Sci.Vol.24(2)2011,pp.179-192
23. Adsorption of Iron on Iraqi Bentonite..Accepted in Al-qadesea conference 2011.
24. Adsorption study for Chromium (VI) on Iraqi bentonite, Baghdad Science Journal, Vol.7(1)2010, pp 745-756
25. Study about the electrochemical removal of chromium VI from aqueous solution and its effect on metallic container . The first scientific conference for the college of science 28-29 November 2010, pp.34-50
26. K. Al-Saade, Studying the effect of some organic acids (food canning additives industry) on the corrosion of metallic container, ICCP conference, Kualampor, Malaysia, Science Direct, Elsevier, 2012.
27. K. Al-Saade, U.Al-Jeilawi, S.Al-Majidi, Corrosion Inhibition Effect of Some New Synthesized N-Aroyl-N-Aryl Thiourea Derivatives for Carbon Steel in Sulphuric media, Al-Nahrain University Journal For Science , Vol.16,(4),pp.80-93, 2013 .
28. K. Al-Saade, U.Al-Jeilawi, S.Al-Majidi, Synthesis and Characterization of Some 2-Sulphonyl benzimidazole derivatives and study of effect as corrosion inhibitors for carbon steel in sulfuric acid solution, Iraq J.Sc., Vol.54, No.4, 2013.
29. K. Al-Saade, I. Saman, S.Dhahir, Congo red Adsorption on Bentonite and modified Bentonite , Online International Interdisciplinary Research Journal, Vol.3, No.5, Sep-Oct, 2013 .
30. K. Al-Saade, H.Al-Mashhdani, Corrosion and Corrosion Protection studies of Carbon Steel alloys in saline water using; Zirconium oxide, Silicon carbide and Alumina Nanparticales, Online International Interdisciplinary Research Journal, Vol.4, No.2, Mar-Apr, 2014.
31. K. Al-Saade, I.Salman, S-Dhahir, Adsorption Study of Rhodamin B dye on Iraqi Bentonite and modified Bentonite by Nano Compounds TiO<sub>2</sub>, ZrO, Al<sub>2</sub>O<sub>3</sub> and sodium Dodacyl Sulfate , American Journal of Environmental Sciences Vol.9, No.3, pp.269-279, 2013.
32. K. Al-Saade, U.Al-Jeilawi, S.Al-Majidi, Synthesis Characterization and Evaluation the Corrosion Inhibition for Carbon Steel in H<sub>2</sub>SO<sub>4</sub> solution of Several New Thiourea Derivatives, University of Thi-Qar A Scientific and Refereed Journal, Accepted, 2013.
33. K. Al-Saade, U.Al-Jeilawi, S.Al-Majidi, Synthesis and Evaluation of Some Organic Corrosion Inhibitors in Petroleum Industry, 2<sup>nd</sup> international Conference on Iraqi Oli Studies, Dec,2013.
34. K. Al-Saade, S.Al-Safi, Z.Al-Asadi, Determination The Effect of ZnO on Iraqi Bentonite Surface Properties, J.Baghdad for Sci., Vol.10, No.3, 2013.
35. K. Al-Saade, H.Al-Ani, Theoretical study for the adsorption of some organic pollutant on modified bentonite, Fondazione Giorgio Ronchi, ANNO LXVIII, No.1, 2013.
36. K. Al-Saade, K.Khalil, Corrosion Inhibition of Zinc in Hydrochloric acid Solution Using Ampicilline, J .Baghdad for Sci., Vol.55, No.2, 2014.
37. K. Al-Saade, K.Khalil, Corrosion Study of Zinc in 0.1M HNO<sub>3</sub> by Diphenylcarbazine and Caffeine (under publishing).
38. K. Al-Saade, A. Al-Sammarraie, M. Al-Ammeri, Synthesis and characterization of benzothiazol derivative as a corrosion inhibitor for carbon steel in sea water, Accept in European Journal of Applied engineering & Scientific Research ,2014.

39. Mayasa I. Ali and Khulood A. Saleh, Electropolymerization of N-Salicyly tetrahydro phthalamic acid for anticorrosion and antibacterial action applications, 2019 IOP Conf. Ser.: Mater. Sci. Eng. 571 012072
40. Sana A. habeeb and Khulood A. saleh, A Study of poly4-oxo-4-(4-sulfamoylphenylamino) but-2-enoic acid as a good anti – Corrosion of 316L stainless steel in 0.2M hydrochloric acid solution, 2019 IOP Conf. Ser.: Mater. Sci. Eng. 571 012075.
41. Haider Abdulkareem AlMashhadani and Khulood Abed saleh, Corrosion Protection of Pure Titanium Implant by Electrochemical Deposition of Hydroxyapatite Post-Anodizing. ,2019 IOP Conf. Ser.: Mater. Sci. Eng. 571 012071.
42. Hayfaa Abdulameer Abbas, Khulood Abid Saleh Alsaade, Haider Abdulkareem Yousif, Study the Effect of Cyperus Rotundus Extracted as Mouthwash on the Corrosion of Dental Amalgam, 2019 IOP Conf. Ser.: Mater. Sci. Eng. 571 012074.
43. Sana A. Habeeb; Khulood A. Saleh, Corrosion Protection Of Stainless Steel By Electro Polymerization Of 4-(2- Hydroxy Benzamido )-4-Oxobut-2-Enoicacid And Study Its Biological Activity, Journal Of Global Pharma Technology, Vol:12 (Suppl. No. 02-03) To Get Release In 2020.
44. Haider Abdulkareem Yousif Almashhdania, Khulood Abid Al-Saadie, Corrosion Protection of Carbon Steel in seawater by alumina nanoparticles with poly (acrylic acid) as charging agent, Mor. J. Chem. 6 N°3 (2018) 455-465.
45. Mayasa I. Ali and Khulood A. Saleh, Electropolymerization for (N—Tyraminoyl Tetrahydrophthalamic Acid) for anti-corrosion and Biological activity Application, Iraq journal of science, Vol. 61, No.1, 2020.
46. Mayasa I. Ali and Khulood A. Saleh, Corrosion protection and Biological activity studies for Electrochemical polymerized poly(N-benzothiozoyl tetrahydrophthalamic acid) on stainless steel alloy, Journal Of Global Pharma Technology, Vol:11 (Suppl. No. 09-10) To Get Release In October 2019.
47. Mayasa I. Ali and Khulood A. Saleh, Corrosion protection studies of stainless steel alloy in hydrochloric acid by using electropolymerized poly(N-imidazolyl tetrahydrophthalamic acid), inter. J. of Eng. And Tech, 7(4)(2018), 5821-5828.

### ■ **Ninth, Membership:**

, A member of the Department

- Member of Promotion Co
- Member of the APCBEES(Asia-Pacific chemical,Biological&Environmental Engineering Society

### ➤ **Tenth, Awards and Certificates of Appreciation:**

No.	Name of Awards and Certificates	Donor	Year
1	2 certification	Industry ministry	1986
		Collage of science	2001
2	3 appreciation	2Collage of science	2009
		Alanbar university	2010

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■ **Eleventh, Scientific literature:**

No.	Scientific Literature Title	Year of The Publication
1		
2		
3		

■ **Twelfth, languages:**

- ✓ Arabic
- ✓ English

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