

# Curriculum Vitae



Name		: Khalid Hamid Rashid Abdul- Khalik		
Affiliation (Included Phone and Email)		: <a href="mailto:80053@uotechnology.edu.iq">80053@uotechnology.edu.iq</a> 07901823513		
Date of Birth		: 8 - Decamber-1965		
Place of Birth		: Baghdad / Rusafa		
Nationality		: Iraqi		
Marital Status		: Married, Three Children		
Education	Degree	Discipline	Institution	Year
	Ph.D.	Corrosion & its relation to the Transport Phenomena	Chemical Engineering Department / College of Engineering / University of Baghdad	2014
	M.Sc.	Anodizing and Chemical Conversion Coating	Chemical Engineering Department / College of Engineering / University of Baghdad	2004
	B.Sc.	Chemical Engineering	Chemical Engineering Department / College of Engineering / University of Baghdad	1988
Institution	Rank	Title	When	Full time or Part time
<ul style="list-style-type: none"> <li>• Chemical Eng. Dep.</li> <li>• Chemical Eng. Dep.</li> <li>• Chemical Eng. Dep.</li> </ul>	Lecturer, Doctor Lecturer Assistant Lecturer		4/9/2014-up to date (1/9/2012-3/9/2014) (□16/6/2005-31/8/2011)	FT FT FT
Company or entity	Title	Brief description of position	When	Full time or Part time
<ul style="list-style-type: none"> <li>• General Al-Sumood Company, Ministry of Industry and Minerals.</li> <li>• Training Central for Electrical Industries General Committee for Training of Apprenticeship, Al-Waziria, Ministry of Industry and Minerals.</li> <li>• Al-Nhrieyn Center for Specialist Printing, Ministry of</li> </ul>	Assistant Chief Engineer	Director of Production Department	(2001- 2004)	FT
	Chemical Engineer	Lecturer	(1995-2000)	FT
	Chemical Engineer	Head of Chemicals and Inks Division	(1992-1994)	FT

Industry and Minerals. • General Company of Electrical Industries, Ministry of Industry and Minerals.	Chemical Engineer	Head of Electroplating and Painting Division	(1988-1991)	FT
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Certifications or professional registrations

Certifications of Conference

No.	Name of Conference	Place to Convene	Period to Convene
1	The 1 <sup>st</sup> Scientific Conference for Chemical and Petrochemical Engineering	College of Engineering , University of Tikrit	28 - 29 November 2000
2	The Twenty Chemist Iraqi Conference Convene from Iraqi Chemists Union	Ishtar – Sheraton Hotel, Baghdad	8 - 10 October 2002
3	First Scientific Conference on Modern Technologies in Oil & Gas Refining	Chemical Eng. Department, University of Technology	25 - 27 April 2011

Certifications of Courses:

- Certification in English Language
- Certification in Computer Applications
- Consultative in Iraqi Engineers Union

No.	Course Name	Place to Convene	Period	Date	Result
1.	Industrial Safety and Application it	State Co. of Electrical Industries	7 - Days	2 - 8 January 1989	Contribution Only
2.	Paints Technology	Specialized Institute of Geometrical Industries	6 - Days	25 - 30 March 1995	Third on the course 89% Very Good
3.	Water Treatment Systems in Electrical Energy Generating Stations	General Committee For Training and Apprenticeship Al-Waziriya	14 - Days	1 - 15 July 1996	Contribution Only
4.	Methods of Studying and Training	General Committee For Training and Apprenticeship Al-Waziriya	6 - Days	1 - 6 August 1997	Contribution Only
5.	Apprenticeship to Qualification Examination / English Language	Languages College / University of Baghdad / The Consultant Office	30 - Days	7/8 - 9/9/1999	Successful in Succession 53 - 60
6.	Requirements of Administration Quality System ISO 9001-2000	State Co. 17-April	6 - Days	20 - 25 January 2001	1 <sup>st</sup> on Course 90% Excellent
7.	Methods of Training and Development for Workers	College of Engineering/ University of Baghdad/Continuous Education Center	6 - Days	7-12 July 2001	79% Good
8.	Apprenticeship for Higher Studies Students	University of Baghdad / Computer Center	15-Days	15/6 - 3/7 2002	Successful Only
9.	Apprenticeship for Higher Studies Students	University of Baghdad / Computer Center	15-Days	5/3 - 23/3 2005	Successful Only
10.	Methods of Studying	University of Technology /Continuous Education Center	15-Days	20/6 – 4/7 2010	Successful and appreciated Very Good

Current membership in professional organizations

Iraqi Engineers Union Consultative in Iraqi Engineers Union	نقابة المهندسين العراقية أستشاري في نقابة المهندسين العراقية منذ تأريخ 2015/10/4
<b>Honors and awards</b>	
<ul style="list-style-type: none"> <li>• Acknowledgment and Appraisalment in Accordance with Document 373 in 20/3/1997, Training Central for Electrical Industries, General Committee for Training and Apprenticeship, Al-Waziriya.</li> <li>• Acknowledgment and Appraisalment in Accordance with Document 8133 in 6/2/2001, General Al-Sumood Company.</li> <li>• Acknowledgment and Appraisalment in Accordance with Document 1794 in 28/9/2011, Department of Chemical Engineering (Head of Department Office).</li> <li>• Acknowledgment and Appraisalment in Accordance with Document 177 in 29/1/2012, Department of Chemical Engineering (Head of Department Office).</li> <li>• Acknowledgment and Appraisalment in Accordance with Document 860/8 in 22/5/2013, Ministry of Higher Education &amp; Scientific Research (Minister Office).</li> <li>• Acknowledgment and Appraisalment in Accordance with Document 4921 in 16/6/2015, Ministry of Higher Education &amp; Scientific Research (Research &amp; Development).</li> <li>• Acknowledgment and Appraisalment in Accordance with Document 1946 in 3/9/2015, Department of Chemical Engineering (Head of Department Office).</li> <li>• Acknowledgment and Appraisalment in Accordance with Document 711 in 18/10/2015, President of the University of Technology.</li> <li>• Acknowledgment and Appraisalment in Accordance with Document 3635 in 13/12/2015, Department of Chemical Engineering (Head of Department Office).</li> <li>• Acknowledgment and Appraisalment in Accordance with Document 3718 in 21/12/2015, Department of Chemical Engineering (Head of Department Office).</li> <li>• A certificate of Appreciation for the Efforts of the Summer Training through the Student Conference on Graduation Projects and Summer Training and Communication with Graduates from Department of Chemical Engineering (Head of Department Office). in 26/4/2016.</li> <li>• Acknowledgment and Appraisalment in Accordance with Document 1120 in 1/6/2016, Department of Chemical Engineering (Head of Department Office).</li> <li>• Acknowledgment and Appraisalment in Accordance with Document 7203 in 28/7/2016, President of the University of Technology.</li> </ul>	
<b>Service activities (within and outside of the institution)</b>	

### Conferences which Contributes inside Country

No.	Name of Conference	Place to Convene	Period to Convene
1.	The 1 <sup>st</sup> Scientific Conference for Chemical and Petrochemical Engineering	College of Engineering , University of Tikrit	28 - 29 November 2000
2.	The Twenty Chemist Iraqi Conference Convene from Iraqi Chemists Union	Ishtar – Sheraton Hotel, Baghdad	8 - 10 October 2002
3.	First Scientific Conference on Modern Technologies in Oil & Gas Refining	Chemical Eng. Department, University of Technology- Iraq	25 - 27 April 2011
4.	Second Scientific Conference on Modern Technologies in Oil Refining	University of Technology- Iraq	2013
5.	1 <sup>st</sup> Scientific conference of postgraduate students	University of Technology- Iraq	5 - 6 May 2015
6.	Participation in Student Conference Annual Scientific graduation Projects and Communication with Graduates for students of primary studies	University of Technology- Iraq	2015
7.	Participation in Student Conference Annual Scientific graduation Projects and Summer Training and Communication with Graduates for students of primary studies	University of Technology- Iraq	26-4-2016

### Courses which invasion inside Country

No.	Course Name	Place to Convene	Period	Date	Result
1.	Industrial Safety and Application it	State Co. of Electrical Industries	7 - Days	2 - 8 January 1989	Contribution Only
2.	Paints Technology	Specialized Institute of Geometrical Industries	6 - Days	25 - 30 March 1995	Third on the course 89% Very Good
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10.	Methods of Studying	University of Technology /Continuous Education	15-Days	20/6 – 4/7 2010	Successful and appreciated Very Good

		Centor			
11.	The role of the virtual library in the development of scientific research	University of Technology - Iraq	1-Day	2012	Contribution Only
12.	Catalyst Production Techniques in the field of Chemical Industry and Oil Refining	University of Baghdad-College of Engineering-Chemical Engineering Department	1-Day	28/5/2013	Contribution Only
13.	Heterogeneous Reactions and the Role of Catalyst in the Design of Chemical Reactors	University of Technology – Iraq	1-Day	2013	Contribution Only
14.	Seminar on the reality of the Iraqi cement industry and the prospects for its development	University of Technology – Iraq	1-Day	2013	Contribution Only
15.	Seminar on quality between reality and ambition	University of Technology – Iraq	1-Day	2013	Contribution Only
16.	Scientific seminar entitled (The role of scientific research in improving the quality of education and academic performance)	University of Technology – Iraq	1-Day	2013	Contribution Only
17.	Scientific seminar entitled (Chemistry and Chemical Engineering at the service of sustainable development)	University of Technology – Iraq	1-Day	2013	Contribution Only
18.	Seminar on Safety and security chemotherapy session	University of Technology – Iraq	1-Day	2014	Contribution Only
19.	Modern Trends in the Quality of the Planning of University Scientific Method in Accordance with the Needs of the Labor Market and to Improve the Quality of Educational Outcomes	University of Technology – Iraq	1-Day	29/12/2014	Contribution Only
20.	Future Prospects for the Development of the Oil Industry in Iraq	The Conference room at the Department of Control and Systems Engineering/ University of Technology/ Iraq	1-Day	6/4/2015	Contribution Only
21.	Evaluation of Scientific Research Plan for the Company Midland Refineries Path and Strengthened with the Academic Side	Training Department Hall/Midland Refineries Company/ Baghdad/Iraq	1-Day	16/4/2015	Contribution Only
22.	Intelligent Systems in Industry and Energy Sector	University of Technology -Electrical Engineering Department- Iraq	1-Day	20/4/2015	Contribution Only
23.	The impact of industrial pollutants on water activities and modern techniques in the treatment	University of Technology -Chemical Engineering Department- Iraq	1-Day	27/10/2015	Contribution Only
24.	Evaluating the Phases of the Development of the Academic Track of the Department of Chemical Engineering on the Occasion of the Fortieth Anniversary of its Foundation	University of Technology -Chemical Engineering Department- Iraq	1-Day	23/2/2016	Contribution Only

- Supervision of the projects of primary studies students

Permanent Committees

No.	Permanent Committee	Period
1.	Member of the Absences Committee in Chem. Eng. Dept.	2010
2.	Chairman of Committee of the Cultural and Extracurricular Activity	2011
3.	Member of Committee to Application and Operation of Modern Devices in Industrial Units Laboratory	2011
4.	Member of Committee to Receive and Determine the Technical Specifications of the Devices	9/2014
5.	Member of Committee and the Committee of the Hardware Inventory Laboratories	550 in 2/12/2014
6.	Chairman of Committee of the Summer Training	2016-2015

Temporary Committees

No.	Temporary Committee	Period
1.	Chairman of Committee of the Delivery and Receipt Edema of Industrial Units Laboratory	7/3/2011
2.	Member of Commission Assigning Exam Computer Efficiency for Applicants for Graduate Studies	From 9/9/- 10/9/2014
3.	Member of Committee for Valuing Donated Books to the Library Section	2015
4.	Member of the Committee Monitoring the Preparatory Exam for Admission to Medical Colleges Group	1938 in 3/9/2015
5.	Member of the Committee's Conference Annual Scientific graduation Projects and Summer Training and Communication with Graduates for students of primary studies	15/3/2016

Briefly list the most important publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation

Lecture by me:

No.	Lecture Name	Place to Convene	Period	Date
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1.	Corrosion Behavior of Carbon Steel in CO <sub>2</sub> -containing Oilfield Produced Water	Khwarizmi Hall/ Chemical Engineering Dep./University of Technology-Iraq	1- hour	13/11/2014
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**Research Published**

- Khalid H. Rashid, Aprael S. Yaro & Muslet Sh. Hussain, "Electrochemical behavior of Chemical Conversion Coated Aluminum ASA 6061 in Chromic Acid", Iraqi Journal of Chem. & Pet. Eng. ( I.J.C.P.E), Vol. 8, No. 3, (Sep. 2007), pp. 49-52.
- Khalid H. Rashid, "Electrochemical Behavior of Chemical Conversion of Coated Aluminum 1100Al in a Neutral Tartrate Solution" Iraqi Journal of Engineering & Technology (I.J.E.T.), Vol. 28, No.18, (2010), pp. 5640- 5650.
- Khalid H. Rashid & Talib M. Albayati, "Comparative Study for Anodizing Aluminum Alloy 1060 by Different Types of Electrolytes Solutions", Iraqi Journal of Engineering & Technology (I.J.E.T.), Special Number of First Scientific Conference on Modern Technologies in Oil & Gas Refining-Chemical Eng. Dept., University of Technology and Midland Refineries Company, (April 2011) 25-27.
- Khalid H. Rashid & Aprael S. Yaro, "Modelling and Optimization of Carbon Steel Corrosion in CO<sub>2</sub> Containing Oilfield Produced Water in Presence of HAc", Iraqi Journal of Chem. & Pet. Eng. (I.J.C.P.E.), Vol. 16, No. 2, (June 2015), pp. 1-8.
- Khalid H. Rashid, Aprael S. Yaro and Anees A. Khadom, "Effect of CO<sub>2</sub> corrosion behavior of mild steel in oilfield produced water", Journal of Loss Prevention in the Process Industries, Vol. 38, (2015), pp. 24-38.
- Khalid H. Rashid, "Determination of the Optimum Conditions in Evaluation of Kiwi Juice as Green Corrosion Inhibitor of Steel in Hydrochloric Acid", Iraqi Journal of Eng. & Engineering (I.J.E.E.), Vol. 21, No. 8, (Aug. 2015), pp. 22-39.
- Khalid H. Rashid, "Effect of Acetic Acid on Electrochemical Behavior of Sealed AA2319-T3 Al-Alloys Anodized in Phosphoric Acid Electrolytes", Iraqi Journal of Al-Khwarizmi Eng. (I.J.Kh.E.), Vol. 11, No. 4, (Dec. 2015), pp. 1-7.

Briefly list the most recent professional development activities

**Research to be Published:**

- Khalid H. Rashid and Anees A. Khadom, "Adsorption and Kinetics Behavior of Kiwi Juice as a friendly Corrosion Inhibitor of Steel in Acidic Media ", to be published.
- Khalid H. Rashid and Zaidoon Mohsin Shakor, "Application of Taguchi Experimental Design for Optimization of Inhibition Effect of Red Pomegranate Peel on Mild Steel Corrosion ", to be published.