

Curriculum Vitae



1-Personal Information

Name : Jenan A. AbdulRazak Al-Najar
Affiliation : University of Technology
(Included Phone and Email) Jenan_iraqi@Yahoo.com
Date of Birth :01/09/1960
Place of Birth :Baghdad
Nationality :Arabic
Marital Status :Single

2-Scientific Rank

Senior lecturer

3-Research Interests

- Research in the field of water and wastewater treatment.
- Desalination of water.
- Participating in scientific conferences inside and outside the country
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4-Education

(List your academic background, including undergraduate and graduate institutions attended)

Date	Discipline	Degree	Institution	Thesis Title
10/07/1996	Chemical Engineering	B.Sc.	University of Technology	
05/10/1999	Chemical Engineering	M.Sc.	University of Technology	Drag Coefficient of Air Bubbles Rising in Non-Newtonian Liquids
10/03/2009	Chemical Engineering	PhD	University of Technology	Removal of Heavy Metals by Adsorption Using Activated Carbon and Kaolinite

5-Postdoctoral Training (if available)

- Sabbatical leave for one year (6/1/2013-6/1/2014)
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6-Management Posts (if available)

(List in chronological order, included position details and dates)

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7-Grants and Fellowships (if available)

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8-Academic Experience

1-Undergraduate Level

- Chemical engineering
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2-Postgraduate Level

- Master in fluid flow
- Ph.D. in mass transfer and removal of pollution from water.
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9-Employment History (if available)

(Including experience, institution, and data)

- Worked in the field of chemistry research and chemical analyses in Iraqi Atomic Energy
- Worked in the area of equipment design and industrial consultancy in the General Company for Industrial Design and consulting
- worked in the field of teaching at the University of Technology
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10-License/Certification (if available)

- Iraqi engineers Union
- Iraqi Society of Nanotechnology
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11-Honors and Distinctions (if available)

- **No. of Honors from Head of Department**
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12-Skills and Qualifications (Language and computer)

- English Language
- Knowledge in the operating of computer programs.
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13-Publications/ Books

1- Supervision

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2-Research

Under publication

1. "Study the feasibility of alumina for the adsorption of metal ions from aqueous solutions in single and binary component system" Jenan A.Alnajjar, Asawer A. Kwaeri, Ramzi H. Sayhood, Abbas H. Slaymon.
2. Osmotic Pressure of Binary and Ternary solutions of Magnesium Chloride, Sodium Chloride, Sucrose, Fructose and Maltose
3. Kinetic Adsorption Study of Glucose Osmotic Agent onto Granular Activated Carbon in SET Technique.
4. Kinetic Adsorption Study of Sucrose Osmotic Agent onto Granular Activated Carbon in SET-MOD combined system
5. Kinetic Adsorption Study of Maltose Osmotic Agent onto Granular Activated Carbon in SET-MOD combined system

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Accepted Manuscripts

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Published

- Abbas H. Sulaymona, Balasim A. Abidb, Jenan A. Al-Najarb, 2009, "Removal of lead copper chromium and cobalt ions onto granular activated carbon in batch and fixed-bed adsorbers", Chem. Eng. J, vol. 155, pp. 647-653. (بحث)
(مستل)
- Thamer J.M, Abdullah K.A. and Jenan A Al-Najjar, 2001," Experimental Studies on the Drag Coefficient of Bubbles Moving in Non-Newtonian Liquid Multibubble", First

International Chemical Engineering Conference, University of Jordan, 17-19 September 2001/ Amman-Jordan.

- Thamer J.M, Abdullah K.A. and Jenan A Al-Najar, 2001, "Experimental Studies on the Drag Coefficient of Bubbles Moving in Non-Newtonian Liquid Single Bubble", First International Chemical Engineering Conference, University of Jordan, 17-19 September 2001/ Amman-Jordan.
- Jenan A. Al-Najar, Ramzy, S.H., and Zaydoon M.S., 2010, "Removal of cadmium(II) onto granular activated carbon and kaolinite using batch adsorber", Eng. and Tech. J. Vol. 28(10), pp.2070-2080.
- Adel A.S., Jenan A. Al-Najar, and Zaydoon M., 2010, "Modeling of single monolithic reactor with single pass operation system", Eng. Tech. J., Vol.28(11).
- Al-Najar J.A, 2009, "Removal of Heavy Metals by Adsorption Using Activated Carbon and Kaolinite" , Ph.D. Thesis, University of Technology, Baghdad, Iraq.
- Jenan A.A., 1999, "Drag Coefficient of Air Bubble Rising in Non-Newtonian Liquids", B.Sc. Thesis, University of Technology, Baghdad, Iraq.

3-Books

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14-Invited Lectures and Seminars* (if available)

- Seminars about the sabbatical leave to the University of Surrey/UK (17/4/2014)
- Discuss student Master
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15-Conferences and Training (if available)

- **Conference on Stem Cells in the Department of Applied Sciences / University of Technology in 11-13/2/2014.**
- **Engineering Conference second control engineering, computers and Mechatronics in 25-27/2/2014.**
- **Conference on "the development of chemical industries in Iraq" in the Department of Chemical Engineering / University of Baghdad on 07/04/2014.**

- • Scientific seminar "Prospects integration between the oil industry and the petrochemical industry" in 05/05/2014.
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*تملى الاستماره بحسب التسلسل الزمني من الحديث ثم الاقدم
* كذلك تتضمن جميع دورات التعليم المستمر كمقرر او محاضر او مشارك
* Skills and Qualifications تتضمن الاهتمامات والمهارات الاخرى الغير المذكوره بالاستماره
* License/Certification تتضمن اعضاء اتحاد ونقابات، جمعيات محليه ودوليه
*الكتب تتضمن المؤلفه والمترجمة