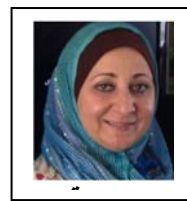


Curriculum Vitae



1-Personal Information

Name :JenanAbdulKaremAbdulRazak Al-Najar
Affiliation : University of Technology
(Included Phone and Email) Jenan_iraqi@yahoo.com
80170@uotechnology.edu.iq

Date of Birth : 01/09/1960
Place of Birth : Baghdad
Nationality :Iraqi
Marital Status : Single

2-Scientific Rank

Assist Prof. Ph.D. lecturer

3-Research Interests

- Research in the field of water and wastewater treatment.
- Desalination of water.
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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) in university of surrey/ UK

6-Management Posts(if available)

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

- No

7-Grants and Fellowships (if available)

- No
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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.

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.
- worked as a member of the exam committee for about 4 years.

10-License/Certification (if available)

- Iraqi Engineers Association
- Iraqi Society of Nanotechnology
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11-Honors and Distinctions (if available)

- number of Honors from Head of Department
- Two Honors from Head of the university

12-Skills and Qualifications (Language and computer)

- English Language
- Knowledge in the operating of computer programs.

13-Publications/ Books

1-Supervision

- Supervision of master students
- Supervision of undergraduate students

2-Research

Under publication

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Accepted Manuscripts

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Published

1. "Poly (phenyl sulfone) hollow fiber forward osmosis membrane for saline water desalination", 2020, قبول نشر
2. Tagreed Lutfee¹, Jenan A Al-Najar, and Firdos M Abdulla, "Removal of oil from produced water using biosorbent" 2020, IOP Conf. Series: Materials Science and Engineering 737 (2020) 012198 doi:10.1088/1757-899X/737/1/012198
3. Jenan A. A. (2017), "Removal of Dyes from Synthetic Wastewater by Agriculturalwaste" Iraqi Journal of Chemical and Petroleum Engineering, vol.18(3),31-48.
4. Jenan A.A., Sami A.A., Adel O.S. and Ghazi D., (2016), "Comparison the Kinetics of the Uptake of Sugars from the Draw Solution", Eng. & Tech. Journal, vol.34,(3), 441-451.
5. Sami A.A., Jenan A.A., Hamed B.M., Farideh H., (2015), "Kinetic Adsorption Study of Maltose Osmotic Agent onto Granular Activated Carbon in SET-MOD combined system", International Journal of Current Engineering and Technology, Vol.5 (2), 616-624.
6. Jenan A.A., Asawer A. K., Ramzi H. S. and Abbas H. S., (2014), "Study the feasibility of alumina for the adsorption of metal ions from aqueous solutions in single and binary component system", Iraqi Journal of Chemical and Petroleum Engineering, vol.15(3),37-50.
7. Sami A.A., Jenan A.A., Hamed B.M., Adel O.S. and Ghazi D., (2014), "Kinetic Adsorption Study of Glucose Osmotic Agent onto Granular Activated Carbon in SET Technique", Vol.1 (3), 34-43.
8. Sami A.A., Jenan A.A., Hamed B.M., Adel S. and Ghazi D., (2014), "Kinetic Adsorption Study of Sucrose Osmotic Agent onto Granular Activated Carbon in Manipulated Osmosis Desalination System (MOD) combined with a Solute Exchange Technique (SET)", Vol.1 (3), 44-55.
9. Abbas H. S., Thamer J.M., Jenan A. A., (2012), "Equilibrium and Kinetics Studied of Adsorption of Heavy metals onto Activated Carbon:", Canadian Journal on Chemical Engineering and Technology, vol.3 (4), 86-92.

10. Abbas H. S., Balasim A. A., Jenan A. A., (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.
11. Thamer J.M, Abdullah K.A. and Jenan A A., (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.
12. Thamer J.M, Abdullah K.A. and Jenan A A., (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.
13. Jenan A. A., 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.
14. 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).
15. Al-Najar J.A, (2009), "Removal of Heavy Metals by Adsorption Using Activated Carbon and Kaolinite" , Ph.D. Thesis, University of Technology, Baghdad, Iraq.
16. Jenan A.A., (1999), "Drag Coefficient of Air Bubble Rising in Non-Newtonian Liquids", B.Sc. Thesis, University of Technology, Baghdad, Iraq.

3-Books

- No
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14-Invited Lectures and Seminars* (if available)

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15-Conferences and Training (if available)

1. **First international conference on engineering and advanced technology. 11-12 February, 2020, University of Assuit, Egypt.**
2. **IOP Conference Series: Materials Science and Engineering, Volume 737, 4th International Conference on Buildings, Construction and Environmental Engineering 7-9 October 2019, Istanbul, Turkey**
3. **X th International Statistics Days Conference (ISDC'2016), Giresun, Turkey**

4. **Fourth International Scientific Conference on Environment and Sustainable Development - Cairo**
5. **Conference on Stem Cells in the Department of Applied Sciences / University of Technology in 11-13/2/2014.**
6. **Engineering Conference second control engineering, computers and Mechatronics in 25-27/2/2014.**
7. **Conference on "the development of chemical industries in Iraq" in the Department of Chemical Engineering / University of Baghdad on 07/04/2014.**
8. **Scientific seminar "Prospects integration between the oil industry and the petrochemical industry" in 05/05/2014.**
9. **A seminar on "the experience of building a silicon materials factory in Iraq" in the Department of Chemical Engineering/ University of Baghdad on 18/12/2014.**
10. **Scientific Symposium "Modern trends to plan the quality of the university scientific curriculum according to the needs of the labor market and to improve the quality of educational outputs" / Department of Control and Systems / University of Technology on 29/12/2014.**
11. **Symposium "Fitness and its relationship to human health" / Department of Chemical Engineering / University of Technology on 6/4/2016.**
12. **Scientific Symposium "Fiber Optics Key to Solving World Technical Problems" / Department of Control and Systems Engineering / University of Technology on 21/4/2016.**
13. **Training Course pbl / Department of Chemical Engineering / University of Technology on 1/11/2016.**
14. **Second Annual Conference of Chemical Engineers / Iraqi Engineers Association, on 14/12/2016.**
15. **Scientific symposium "Environmental treatment between reality and ambition" / Department of Chemical Engineering / University of Technology on 13/4/2017.**
16. **Second Conference of Graduate Studies, "Graduate Studies Research in Chemical Engineering and its Effects on the Development of Chemical and Petroleum Industry Tracks", Department of Chemical Engineering, University of Technology, 10-11 / 5/2017.**
17. **Scientific Symposium "Applications of Nanotechnology in Environmental Protection" / / Department of Chemical Engineering / University of Technology, on 12/12/2017.**
18. **Scientific symposium "the importance of electromechanical engineering as a basic tributary of the sectors of modern industries" / Department of Chemical Engineering / University of Technology, on 13/12/2017.**

19. Scientific symposium "modern technology used in the investment of associated natural gas in Iraq" / Department of Electrical Engineering / University of Technology, on 19/3/2018
20. Scientific Symposium "The reality of electric power in Iraq: Problems and solutions" / Department of Electrical Engineering / University of Technology, on 25/4/2018.
21. Training course "Basic course in the quality of testing and calibration laboratories in accordance with ISO 17025" / Department of Chemical Engineering / University of Technology, for the period from 30/9/2018 to 2/10/2018.
22. Fourth international Scientific conference on environmental and sustainable development (4th ISCESD), Cairo, Egypt on 24-28 November 2018.
23. 4th international conference on buildings, construction and environmental engineering, Istanbul-turkey, on 7-9 October 2019

*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