

Curriculum Vitae



1-Personal Information

Name : khitam Salim Shaker
Affiliation : University of Technology, Alsinaa Street No. 52,
(Included Phone and Email) B.O. 35010, Baghdad, Iraq
: 11331@uotechnology.edu.iq
:07802852072
Date of Birth : 1986
Place of Birth : Waste
Nationality : Iraqi
Marital Status : Married

2-Scientific Rank

Assistant lecturer

3-Research Interests

- Treatment of membrane
- Nanotechnology.

4-Education

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

Date	Discipline	Degree	Institution	Thesis Title
2011	Chemical Engineering	M.SC	University of Technology, Iraq	The Influence of Operating conditions on the Permeation Flux of PVC/PS Hollow Fiber Membrane
2008	Chemical Engineering	B.SC	University of Technology, Iraq	

5-Postdoctoral Training (if available)

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6-Management Posts (if available)

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

- Assigned to the position of Director of Advanced Laboratories at the Nanotechnology Center
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7-Grants and Fellowships (if available)

8-Academic Experience

1-Undergraduate Level

- Materials Lab, Fuel lab, Industrial Process Lab ,Experimentallab, Computer Lab, and Fluid Lab.
- Supervision of student's graduation projects.
- Assistant teacher of mathematics second stage.

2-Postgraduate Level

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9-Employment History (if available)

(Including experience, institution, and data)

- 28-12-2010: Department of internal departments in the University of Technology, Iraq.
- 6-7-2011: I got the scientific title
- 2012.: My placement in Nanotechnology and Advanced Materials Center
- 2019: Transferred to the Chemical Engineering Department

10-License/Certification (if available)

11-Honors and Distinctions (if available)

- Acknowledgement from dean Chemical Engineering Department and head of University of Technology – Iraq ,the Director of the Center for Nanotechnology and Advanced Materials and by the director of internal departments, by the director of physical education, by the administrative assistant to the head of the university.
- Honors by the Director of the Center for Nanotechnology and Advanced Materials dean, the Director of Physical Education and The Holy Hussaini Shrine.

12-Skills and Qualifications (Language and computer)

- Arabic (Mother tongue), English

- Matlab , Microsoft Office™ tools (Word, Excel, PowerPoint).

13-Publications/ Books

1- Supervision

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2-Research

Under publication

- Assessing the viscosity, thermal conductivity and heat transfer rate of an ethylene glycol-water nanofluid system using synthesized CuO nanoparticles
- Modification of Medical Gauze by Addition Propolis with Nanoparticles

Accepted Manuscripts

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Published

- Qussay F.Alsalhy, Jamal M. Ali and Khitam S. "**Effect of Operating Conditions on The Performance of (PVC/PS) Hollow Fiber Membrane**"; *Engineering and Technology Journal* ,Vol. 30, No.16, PP 2767 - 2772,(2012).
- Dr. Zainab Taha A, Khitam S. Shaker, Suaad S. Shaker, Raghdaa Hameed Hani, "**Behavior of A.C conductivity and Complex dielectric constant of ZnS Thin Films**", *Eng. & Tech. Journal*.Vol.33. Part (B). No4. ,pp.745-752, 2015.
- khitam S.S. (**Synthesis and Charactization of Silver Nano Particles using Chemical Reaction Method**), *Diyala Journal of Engineering Science*, Vol. 09, No. 01,ISSN 1999-8716, pp. 113-120, March 2016.
- Mohammed Salab Hamza, Suaad Salim Shaker and khitam Salim Shaker," **Preparation and Study of morphological properties of ZnO nano Powder**", *Journal of Engineering*, No. 4, Vol. 22, April 2016.
- K. S. Shaker and S. S. Shaker," **Preparation of ZnO like – nano flower by Hydrothermal Method**", *Engineering & Technology Journal*, Vol. 35, Part B, No. 2, pp. 178-181, 2017.
- A. J. Bohan , E.D Altheal, Kh. S. Shaker "**Synthesis Nano Zinc Oxide Materials and Their Activity on Fungus Growth**", *Engineering & Technology Journal*, Vol. 35, Part B, No. 1, pp. 27-84, 2017.

- K.S.Shaker, M.A. Muhi, M. Sh. Kalaf, H. L. Mansour, “**Preparation of Silver Nanoparticles by Chemical Reaction Method at Different Reaction Temperatures and the Study of their Antibacterial Activity**”, *Engineering and Technology Journal*, Vol. 35, Part B. No. 2, pp. 189-194, 2017.
- K.S. Shaker, S.S. Skaker,” **Study the Effect of Addition Silver Nanoparticle on Structure and Morphological Properties for PVDF Hollow fiber**,” *Engineering and Technology Journal*, Vol. 35, Part B, No. 1, pp. 33-36, 2017.
- Khitam S.S., Altheal E.D. and Azhar J.B.,” **Effect of Zinc Oxide nanoparticals preparation from Zinc Sulphate (ZnSo4) against gram negative or gram positive microorganisms *in vitro***”, *The Iraqi Journal of Veterinary Medicine*, 42(1):18-22. , 2018.
- Kh.S. Shaker and A.H. AbdAlsalm “**Synthesis and Characterization Nano Structure of MnO2 via Chemical Method**,” *Engineering and Technology Journal*, Vol. 36, Part A, No. 9, pp. 946-950, 2018.

3-Books

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14-Invited Lectures and Seminars (if available)

- A panel discussion entitled (Membrane Filtration) 2014
- (Center for Nanotechnology Research and Advanced Materials)
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15-Conferences and Training (if available)

- The Fourth Scientific Conference on Nanotechnology and Advanced Materials held at the Center for Nanotechnology and Advanced Materials University of Technology 2013 2013
- The first scientific conference on laser applications and advanced materials, which was held at the Department of Laser and Optics Engineering, University of Technology (16-18) December 2014
- The Third Scientific Conference of the Department of Materials Engineering, which was held in the Department of Material Engineering, University of Babylon (20-21) May 2015.

- Teaching Methods Course for the period from (9/18/2011 - 29/9/2011)
- Human and administrative development course
- English language course for the period from (1/4/2012 - 12/4/2012)
- Two sessions of first aid for two years (2012-2013)
- Four courses of the Holy Quran for the years (2011-2015)
- A Course in Chemicals Safety in the Department of Chemical Engineering
- A course on all devices of the Nanotechnology Research Center and advanced materials at the University of Technology
- Experience working on the scanning electron microscope (SEM), the zeta potential device, the atomic absorption device and the particle size at the Center for Nanotechnology Research and Advanced Materials at the University of Technology.