

"Curriculum vitae"



Name: Ihsan Habib Dakhil

DOB: 11 March 1978

Marital status: Married

Nationality: Iraqi

Scientific Title: Professor (15-6-2021)

Affiliation: Al-Muthanna University, Engineering College, Chemical Engineering Department

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Education:

- **M.Sc. degree** (2004) Chemical Engineering (Units Operation), University of Technology, Baghdad, Iraq.
- **B.Sc. degree** (1999) Chemical Engineering, University of Technology, Baghdad, Iraq.

Membership of national Organization:

- Iraq Association of Engineers, License Degree, Association No. 90983

Membership of international Scientific Journals:

- I have good experience in reviewing and editing of scientific papers for many international scientific journals.
- **Certificates** of editor board membership for the international journals (i.e SCIREA Journal of Chemical Engineering , International Journal of Scientific Research in Science and Technology, Global Journal of Energy and Environment).
- **Certificates** of reviewer membership for many international scientific journals.

Professional Positions & Experiences:

- **2021 till Now:** Professor of Chemical Engineering Department /Al-Muthanna University.
- **2020 till Now:** Head of Chemical Engineering Department / Al-Muthanna University.
- **2016 -2021:** Assistant Professor in Chemical Engineering Department Engineering College, Al Muthanna University.
- **2014 - 2019:** Administrator of quality assurance and university performance section of Engineering College, Al Muthanna University.
- **2013-2016:** Lecturer in Chemical Engineering Department, Engineering College, Al Muthanna University.
- **2008-2013:** Assistant Lecturer in Chemical Engineering Department, Engineering College, Al Muthanna University.
- **2007-2008:** Director of storage and distribution products section of Al-Samawa Refinery, Middle Refineries Company, Ministry of Iraqi Oil.
- **2006-2007:** Director of units operation section in Al Samawa Refinery, Middle Refineries Company, Ministry of Iraqi Oil.
- **2005-2008:** Process engineer in Al Samawa Refinery, Middle Refineries Company, Ministry of Iraqi Oil.

Skills:

- **Language:** I have good experience in English language (Certificate of IBT TOEFL).
- **PC skills:** Statistical Analysis, SPSS, Mini-Tab, Windows, Microsoft Office, Photoshop.

Awards:

- 1- The first prize of the Festival honoring the creators of Al-Muthanna University for reviewing research published in Scopus & Clarivate.
- 2- A second prize for distinguished teaching in E-learning for scientific disciplines of Al-Muthanna University.

Publications:

- 1- Ihsan H. Dakhil, Ahmed H. Ali, "Photocatalytic Decolorization of Methyl Red Dye Under Solar Light", *Journal of Kerbala Univ.*, vol. 10, No. 3 scientific, (2012).
- 2- Ihsan H. Dakhil, "Removal of Phenol From Industrial Wastewater Using Sawdust", *International Journal of Engineering and Science*, vol. 3, No. 1, (2013).
- 3- Ihsan H. Dakhil, "Adsorption of Methylene Blue Dye from Wastewater By Spent Tea Leaves", *Journal of Kerbala Univ.*, vol. 11, No. 3 Scientific, (2013).
- 4- Ihsan H. Dakhil, "Adsorption of Chromium (VI) from Aqueous Solutions using Low-Cost Adsorbent: Equilibrium and Regeneration Studies", *Journal of Engineering, Baghdad*, vol. 19, No.11, (2013).
- 5- Ihsan H. Dakhil, "Adsorption of Lead from Industrial Effluents Using Rice Husk", *International Journal of Engineering and Management Research (IJEMR)*, vol. 5, No. 1, (2015).
- 6- Mahmood M. Barbooti, Neran K. Ibrahim, Ihsan H. Dakhil, "Method and Apparatus for the Removal of SO₂ from Air", *Iraqi Patent*, No. 369/2014, National Classification B01D53/50 and B01D53/34, (2015).
- 7- Ihsan H. Dakhil, "Effect of Adding Zinc Oxide on Waste Rubber Tire Powder for Increasing Adsorption of Cadmium (II) from Wastewater", *Iraqi Journal for Mech. Eng. And Mat. Eng.*, Special Issue, (2016).
- 8- Ihsan H. Dakhil, "A comparative Study for Removal of Dyes from Textile Effluents by Low-Cost Adsorbents", *Mesopotamia Environ. J.*, proceeding of 6th Int. Conf., pp.1-9, (2016).
- 9- Ihsan H. Dakhil, "Improvement of Asphalt Binder by Recycling of Waste Tire Rubber", *International Journal of Advanced Research (IJAR)*, Volume 4, Issue 5, (2016).
- 10- Ihsan H. Dakhil, "Removal of Kerosene from Wastewater Using Locally Sawdust", *Conference Proceeding of Southern Technical University*, Special Issue, (2016).
- 11- Ihsan H. Dakhil, "A comparative Study of the National Classification Criteria for the Quality of Iraqi Universities and the Criteria Adopted in the International Classifications", *Revue du Laboratoire de Societe & Problemes du Developpement Local en Algerie*, special issue, No. (9), pp. (553-564), (2018).
- 12- Ihsan H. Dakhil, "Degradation High Concentration of Eosin Yellowish Dye in Heterogeneous Catalyst Solution", *Journal of Global Pharma Technology*, vol. 10, No. 11, (2018).
- 13- Ihsan H. Dakhil, "Electrodialysis Desalination for Water and Wastewater: A Review", *Chemical Engineering Journal*, vol. 380, 15 Jan. 2020.
(DOI: <https://doi.org/10.1016/j.cej.2019.122231>)
- 14- Ihsan H. Dakhil, "Recycling of Agriculture Wastes for Efficient Removal of Methyl Orange Dye Using Batch Adsorption Unit", *IOP Conf. Ser.: Mater. Sci. Eng.*, vol. 881 012186, (2020).
- 15- Sajjad Al-Amshawee, Mohd Yusri Bin Mohd Yunus, Joan G. Lynam, Woo Hyoung Lee, Fei Dai,

- Ihsan Habib Dakhil, "Roughness and wettability of biofilm carriers: A systematic review", *Environmental Technology & Innovation*, Vol. 21, 101233, February 2021.
- 16- Ihsan H. Dakhil, " Adsorption of methylene blue dye from industrial wastewater using activated carbon prepared from agriculture wastes", *Desalination and Water Treatment*, vol. 216,372-378, (2021).
- 17- Ihsan H. Dakhil, Ghazi F. Naser, Ahmed H. Ali, "Response Surface Modeling of Arsenic Adsorption by Modified Spent Tea Leaves", *IOP Conf. Ser.: Mater. Sci. Eng.*, vol. 1090, 012129, (2021).
- 18- Ghazi F. Naser, Ihsan H. Dakhil, Ahmed H. Ali, "Methylene Violet Dye Adsorption Using Onion Skins: Kinetics and Isotherm Studies", *IOP Conf. Ser.: Mater. Sci. Eng.*, vol. 1090, 012147, (2021).
- 19- Sundus S. Al azawiey, Ihsan H. Dakhil, Ghazi F. Naser, Ahmed H. Ali, "Photocatalytic Decolorization Simulated Textile Dye bath Effluent under Solar Light and Reuse it for Industrial Purposes", *IOP Conf. Ser.: Mater. Sci. Eng.*, vol. 1090, 012126, (2021).
- 20- Ihsan H. Dakhil, Ghazi F. Naser, Ahmed H. Ali, "Assessment of Modified Rice Husks for Removal of Aniline in Batch Adsorption Process: Optimization and Isotherm Study", *Journal of Ecological Engineering*, vol. 22, No. 7, (2021).

Academic Teaching:

- **Equipment design:** 4th-stage, undergraduate students of Chemical Engineering Department/Al-Muthanna University (**2015 till Now**).
- **Graduation project:** 4th-stage, undergraduate student of Chemical Engineering Department/Al-Muthanna University (**2011 till Now**).
- **Thermodynamics:** 3rd-stage, undergraduate students of Chemical Engineering Department/Al-Muthanna University (**2010-2018**).
- **Analytical Chemistry:** 1st-stage, undergraduate students of Chemical Engineering Department/Al-Muthanna University (**2008-2014**).

Training Courses:

I have been managed several training courses for Al-Muthanna province employees and for Al-Muthanna University students:

- **(Projects Management)** for the employments of distribution oil products company/Al-Muthanna branch which is held at Al-Muthanna University in 2011.
- **(Advance Projects Management)** for Al-Muthanna province employments which is held at Al-Muthanna University in 2012.
- **(Methods for Increasing Benzene Octane Number)** for the employments of distribution oil products company/Al-Muthanna branch which is held at Al-Muthanna University in 2017.
- **(Safety and Health Occupational Administration)** for the graduated engineering students which is held at Al-Muthanna University in 2017.
- **(Methods for the Applications of Good Criteria Laboratory GLP and Occupational Safety in Educational Laboratory)** for the faculty of Engineering College which is held at Al-Muthanna University in 2018.

Training Courses & Workshops:

- **CERTIFICATE (PROJECTS MANAGEMENT)/USAID**, Bagdad, Iraq, 2008.
- **CERTIFICATE (EVALUATION OF EMPLOYMENTS)/Beirut**, Lebanon, 2008.
- **CERTIFICATE (QUALITY IMPROVEMENT OF ENGINEERING PROGRAMS)**, Amman, Jordan,

2015.

- **CERTIFICATE (METHODOLOGY FOR CONTINUOUS IMPROVEMENT IN OVERALL QUALITY))/Al-Muthanna University, 2017.**

Scientific Conferences:

1. The First Scientific Conference of Engineering College/Al-Muthanna University, 20-21 April 2011.
2. The First International Scientific Conference of Engineering College/Al- Basra University, 8-9 April 2013.
3. The Third International Scientific Conference of Material Engineering, University of Babylon, 20-21 May 2015.
4. The Sixth International Scientific Conference for Environmental Science, Environmental Research Center/University of Babylon, 15-16 December 2015.
5. The First International Scientific Conference of Southern Technical University, Basra, 14-16 March 2016.
6. Conference on Promotion of Higher Education in Iraq, Baghdad, 2016.
7. The First Evaluation Conference for Engineering College of Al-Muthanna University, April 2017.
8. The First Conference on Quality in Education and Higher Education in Iraq, Sulaymaniyah University, 13-14 December 2017.
9. The Second International scientific Conference of Al-Mustafa College, Baghdad-Iraq, 17-18 March 2018.
10. The Seventh International Conference for Quality Assurance, Kufa University-Najaf, 3 May 2019.
11. The Second International Conference in Middle Technical University, Baghdad-Iraq, 15-16 April 2020.
12. The First Scientific Conference of Engineering College/Al-Muthanna University, ICEST 2020, Iraq, 23-24 Dec. 2020.

Seminars & Workshop:

I have been managed several seminars and workshops in my specialize field that were held in Al-Muthanna University:

- 1- **(Modern Techniques for Crude Oil Refinery)** held in Engineering College of Al-Muthanna University in 2015.
- 2- **(Planning of Improving Engineering Programs Quality)** held in Engineering College of Al-Muthanna University in 2016.
- 3- **(Enhancement of Teaching Skills for Improving Education Reality)** held in Engineering College of Al-Muthanna University in 2017.
- 4- **(A fast Steps Toward the National Classification of Iraqi University Quality)** held in Engineering College of Al-Muthanna University in 2017.
- 5- **(National Classification for Universities Quality between reality and ambition)** held in Engineering College of Al-Muthanna University in 2017.