

"Curriculum vitae"

Name: Ali Abd Alhassan Kidhim

DOB: 20 March 1989

Marital status: Married

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

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Education:

- **M.Sc. degree** (2018) Chemical Engineering , University of Al-Nahrain, Baghdad, Iraq.
- **B.Sc. degree** (2012) Chemical Engineering, University of Al-Muthanna, Al-Muthanna, Iraq.

Skills:

- 2012-2020 work as teacher in College of Engineering University Al-Muthanna-Samawah/Al-Muthanna/ IRAQ

Publications:

- [1] Ali A. Hassan and Khalid M. Mousa Al-zobai, "Chemical Oxidation for Oil Separation from Oilfield Produced Water under UV Irradiation Using Titanium Dioxide as a Nano-Photocatalyst by Batch and Continuous Techniques," 2019.
- [2] Ali A. Hassan, Haider T. Naeem, and Raid T. Hadi, "DEGRADATION OF OILY WASTE WATER IN AQUEOUS PHASE USING SOLAR (ZnO, TiO₂ and Al₂O₃) CATALYSTS," *Pak. J. Biotechnol*, 15, pp. 909–916, 2018.
- [3] Ali A. Hassan, Raid T. Hadi, ADIL H. RASHID, and AHMED SAMIR NAJE, "CHEMICAL MODIFICATION OF CASTOR OIL AS ADSORBENT MATERIAL FOR OIL CONTENT REMOVAL FROM OILFIELD PRODUCED WATER," *EM International*, 4, pp. 892–900, 2020.
- [4] Ali Saleh Jafer, Ali A. Hassan, and Zahraa Tawfiq Naeem, "A STUDY ON THE POTENTIAL OF MORINGA SEEDS IN ADSORPTION OF ORGANIC CONTENT FROM WATER COLLECTED FROM OILFIELD REFINERY," 16, 2019.
- [5] I. H. Ahmed, A. A. Hassan, and H. K. Sultan, "Study of Electro-Fenton Oxidation for the Removal of oil content in refinery wastewater," in *IOP Conference Series: Materials Science and Engineering*, 2021, vol. 1090, p. 12005.
- [6] K. A. Alakoul, A. S. Atiyah, M. Z. Azeez, and A. A. Hassan, "Photovoltaic cell Electro-Oxidation for Oil Removal in oil field produced H₂O," in *IOP Conference Series: Materials Science and Engineering*, 2021, vol. 1090, p. 12072.
- [7] F. Y. AlJaberi, B. A. Abdulmajeed, A. A. Hassan, and M. L. Ghadban, "Assessment of an electrocoagulation reactor for the removal of oil content and turbidity from real oily wastewater using response surface method," *Recent Innov. Chem. Eng. Former. Recent Pat. Chem. Eng.*, vol. 13, no. 1, pp. 55–71, 2020.
- [8] S. F. Alturki, A. H. Ghareeb, R. T. Hadi, and A. A. Hassan, "Evaluation of Using Photovoltaic Cell in the Electro-Fenton Oxidation for the Removal of Oil Content in Refinery Wastewater," in *IOP Conference Series: Materials Science and Engineering*, 2021, vol. 1090, p. 12012.

- [9] K. M. M. Al-zobai, A. A. Hassan, and N. O. Kariem, "Removal of amoxicillin from polluted water using UV/TiO₂, UV/ZnO/TiO₂, and UV/ZnO," *Solid State Technol.*, vol. 63, no. 3, pp. 3567–3575, 2020.
- [10] A. S. Atiyah, A. A. A. Al-Samawi, and A. A. Hassan, "Photovoltaic cell electro-Fenton oxidation for treatment oily wastewater," in *AIP Conference Proceedings*, 2020, vol. 2235, p. 20009.
- [11] Khalid M. Mousa and Ali. A. Al-Hasan, "Oilfield Produced Water Treatment by Coagulation /Flocculation Processes," *Second Conf. Post Grad. Res. CPGR2017 Coll. Eng. Al-Nahrain Univ Baghdad Iraq*, 2017.
- [12] Haider T. Naeem and Ali A. Hassan, "EFFECTIVENESS & ECONOMY OF SAWDUST WOOD ADSORBENTS IN REMOVING ANIONIC DYES OF AQUEOUS SOLUTIONS," *Pak. J. Biotechnol*, 15, pp. 311–320, 2018.
- [13] H. K. Sultan, H. Yousif Aziz, B. Hussain Maula, A. A. Hasan, and W. A. Hatem, "Evaluation of Contaminated Water Treatment on the Durability of Steel Piles," *Adv. Civ. Eng.*, vol. 2020, 2020.
- [14] A. H. Rashid, A. A. Hassan, R. T. Hadi, and A. S. Naje, "Treatment of oil content in oilfield produced water using chemically modified waste Sawdust as Biosorbent".
- [15] M. K. Ibrahim, A. A. Al-Hassan, and A. S. Naje, "Utilisation of Cassia surattensis Seeds as Natural Adsorbent for Oil Content Removal in Oilfield Produced Water".
- [16] Haider T. Naeem, Ali A. Hassan, and Raid T. Al-khateeb, "Wastewater-(Direct Red Dye) Treatment-Using Solar Fenton Process," *J. Pharm. Sci. & Res*, 10, pp. 2309–2313, 2018.

Academic Teaching:

- **Analytical Chemistry** : 1 th-stage, undergraduate students of Chemical Engineering Department/Al-Muthanna University **(2018 till Now)**.
- **Graduation project**: 4th-stage, undergraduate student of Chemical Engineering Department/Al-Muthanna University **(2020 till Now)**.
- **Organic Chemistry**: 1st-stage, undergraduate students of Chemical Engineering Department/Al-Muthanna University **(2018-2020)**.