

## Curriculum Vitae

# Associated Prof. Dr. Zainab Talib Abidzaid Al-Sharify

*Mustansiriyah University – College of Engineering, Environmental Engineering department  
Director of the Division of Missions and Cultural Relations at the Faculty of Engineering, Mustansiriyah University,  
Baghdad, Iraq.*

**Mobile:** +9647740584009

**Email:** [z.t.alsharify@uomustansiriyah.edu.iq](mailto:z.t.alsharify@uomustansiriyah.edu.iq)  
[zainab\\_talib2009@yahoo.com](mailto:zainab_talib2009@yahoo.com)  
[zta011@alumni.bham.ac.uk](mailto:zta011@alumni.bham.ac.uk)

### PERSONAL SUMMARY:

A highly motivated, dedicated and enthusiastic leader researcher with over ten years experience in different aspects of chemical engineering, having excellent potential to contribute to the research project target and confident with the ability to work in a team. Experience in reviewing papers in journals and in editing papers for reviewed journals, in addition to supervising PhD, masters and undergraduate students. Assisting PhD students with their research projects.

### EDUCATION:

- **Ph.D.:** in Chemical Engineering, Birmingham University, UK, 2017.
- **M.Sc.:** in Chemical Engineering, Nahrain University, Baghdad, Iraq, 2007.
- **B.Sc.:** in Chemical Engineering, Nahrain University, Baghdad, Iraq, 2005.

### ACADEMIC HONORS AND AWARDS:

- Ranked as one of the best 2% scientist in the world according to the AD Rankings for scientist, World Scientist And University Rankings 2023
- The first prize winner in the 5<sup>th</sup> Birmingham Environment for Academic Research Conference, 2014, Birmingham, UK.
- More than 50 prizes from conferences and scientific work

### ACADEMIC /TEACHING EXPERIENCE:

- **2021 – present: Mustansiriyah University, college of Engineering – Associated Professor**
  - Director of the Division of Missions and Cultural Relations at the college of Engineering, Mustansiriyah University
  - Al-Mustansiriyah University, Environmental Engineering Department – Associated Professor in chemical Engineering/ Fluid flow (13/12/2021).
- **2021 – present: Birmingham University, School of Chemical Engineering – Staff Researcher**
- **2019 – present: Al-Mustansiriyah University, Environmental Engineering Department- Director**
  - Director of the Division of Missions and Cultural Relations at the Faculty of Engineering, Mustansiriyah University
- **2017 – present: Birmingham University, School of Chemical Engineering – Academic visitor**
  - Carrying on a research studies to investigate "Complex flows of complex fluids".
- **2017 – present: Al-Mustansiriyah University, Environmental Engineering Department – Lecturer**
  - Delivering lectures for environmental engineering students.
- **2010 – 2011: Al-Mustansiriyah University, Environmental Engineering Department – Lecturer**
  - Delivering lectures for environmental engineering students on Hydraulics, Thermodynamics and Environmental Protection modules. Supporting tutorial sessions for environmental and civil engineering 2nd year students for Fluid Mechanics modules. Appointed Lab Supervisor on Hydraulic, Thermodynamics and Environmental Unit operations.
  - Supervising final year students for individual projects.
- **2008 – 2010: Al-Mustansiriyah University, Environmental Engineering Department – Assistant Lecturer**



الأستاذة المساعد الدكتور  
زينة طالب عبد زيد الشاريفي



الأستاذة المساعد الدكتور  
داود عيسى ساجعت  
رئيس قسم هندسة البيئة



## COURSES TAUGHT:

Undergraduate	Postgraduate
Flow in pipes	Advanced Fluid mechanics
Hydraulic applications in fluid mechanics	Supervising Masters students
Hydraulic	
Flow in open channel	
Awareness and environmental culture	
Environmental Protection modules	
Hydraulics lap	
Thermodynamics	
Fluid Flow	
Mass and Heat transfer Lab	
MatLab	
Modelling concepts and tools (MCT)	

## PROFESSIONAL AFFILIATIONS:

- **2021 – Present:** Guest Editor, AIP conference proceeding, ICEAT 2022, Istanbul, Turkey.
- **2021 – Present:** Editor, Tikrit Journal of Engineering Sciences, Iraq
- **2019- Present:** Co-President and Finder of Nabda Society Of Medical Engineering, Iraq.
- **2019 - 2022:** Guest Editor for the Special issue: ICEAT 2020, Journal of Engineering Research (JER), Kuwait.
- **2019 – 2020:** Guest Editor for the Special issue: ICEAT 2020, IOP Conference Series: Materials Science and Engineering, UK.
- **2018 – Present:** Editor, Journal of Engineering and Sustainable Development, Mustansiriyah University, Iraq.
- **2018 – Present:** Reviewer for the International Journal of Environmental Engineering (IJEE), <http://www.inderscience.com/ijee>, Inderscience Publishers, UK.
- **2018 – Present:** Reviewer for the International journal of Engineering, [www.ije.ir](http://www.ije.ir), Scopus Journal, Iran.
- **2018 – Present:** Member of the organizing committee of the Tigris and Euphrates River consultation, Baghdad, Iraq.
- **2018 – Present:** Member of Iraqi Women's Society (IQS), Iraq.
- **2015 – Present:** Associated Member (AMIChemE) of the Chemical Engineering Institution (IChemE), UK
- **2015 – Present:** Member of Al-Kindi Society for Engineers, UK.
- **2015 – Present:** Member of Mind Health, UK.
- **2014 – Present:** Member of Women's Engineering Society (WES), UK
- **2013 – 2015:** Member of the organizing committee of the 4<sup>th</sup> and the 5<sup>th</sup> Birmingham environment for academic research (BEAR) postgraduate conference, Birmingham UK
- **2012 – Present:** Member of the British society of Rheology, UK
- **2010- Present:** Reviewer in more than 100 journal, including, Chemical Engineering Research and Design, Journal of Industrial and Engineering Chemistry, Ain Shams Engineering Journal, Alexandria Engineering Journal, Materials Today, ..... etc.
- **2009 – Present:** Associate Editor, International Journal of Environmental Studies (JES), Sohag University, Egypt

## PUBLICATIONS:

More than 90 published papers, 44 Scopus indexed, and more than 50 papers in international and notational peer reviewed journals and conferences (some publications are listed below)

### Published in Scopus and Clarivate indexed journals

- 1- Ghosh, S., Falyouna, O., Onyeaka, H., Malloum, A., Bornman, C., AlKafaas, S. S., **Al-Sharify Z. T.**, Ahmadi S., Dehghani M. H., Mahvi A. H., Nasserri S., Tyagi I., Mousazadeh M., Koduru J. R., Khan, A. H., Suhas (2023). Recent progress on the remediation of metronidazole antibiotic as emerging contaminant from water environments using sustainable adsorbents: A review. Journal of Water Process Engineering, 51, 103405. <https://doi.org/10.1016/j.jwpe.2022.103405>.
- 2- Agbugba, Ikechi K., Agbagwa, Sunday K., Anumudu, Christian K., Ekwebelem, Osmond C., **Al-Sharify, Zainab T.**, Isaac-Bamgboye, Fodayemi J. and Onyeaka, Helen. "The evolving state of food security in Nigeria amidst the COVID-19 pandemic – A review" Open Agriculture, vol. 7, no. 1, 2022, pp. 899-909. <https://doi.org/10.1515/opag-2022-0149>.

الأستاذ المساعد الدكتور  
بغداد محمد الجبوري

الأستاذ المساعد الدكتور  
داود عيسى ساجد  
رئيس قسم هندسة البيئة



- 3- Hadi, A. M. M., Mohammed, A., Jumaah, H. J., Ameen, M. H., Kalantar, B., Rizcei, H. M., & **Al-Sharify, Z. T. A.** (2022). GIS-Based Rainfall Analysis Using Remotely Sensed Data in Kirkuk Province, Iraq: Rainfall Analysis. *Tikrit Journal of Engineering Sciences*, 29(4), 48–55. <https://doi.org/10.25130/tjes.29.4.6>
- 4- Ugwa, C., Nnaji, N. D., Miri, T., Onyeaka, H., & **Al-Sharify, Z. T.** (2022, November). Advances in groundwater pollution by heavy metal. In *AIP Conference Proceedings* (Vol. 2660, No. 1, p. 020117). AIP Publishing LLC. <https://doi.org/10.1063/5.0110658>
- 5- Aalhashem, N. A., Naser, Z. A., Al-Sharify, T. A., **Al-Sharify, Z. T.**, Al-sharify, M. T., Al-Hamd, R. K. S., & Onyeaka, H. (2022, November). Environmental impact of using geothermal clean energy (heating and cooling systems) in economic sustainable modern buildings architecture design in Iraq: A review. In *AIP Conference Proceedings* (Vol. 2660, No. 1, p. 020119). AIP Publishing LLC. <https://doi.org/10.1063/5.0109553>
- 6- **Al-Sharify, Z. T.**, Jaaf, H. J. M. A., Naser, Z. A. R., Alshrefy, Z. A. I., Al-Sharify, N. T., Al-Sharify, T. A., ... & Miri, T. (2022, November). Validating sustainable water resources and fluid flow by studying phosphorus concentration of Tigris River water in Baghdad. In *AIP Conference Proceedings* (Vol. 2660, No. 1, p. 020127). AIP Publishing LLC. <https://doi.org/10.1063/5.0109481>
- 7- Ghosh, S., Othmani, A., Malloum, A., Ke Christ, O., Onyeaka, H., AlKafaas, S.S., Nnaji, N.D., Bornman, C., **Al-Sharify, Z.T.**, Ahmadi, S., Dehghani, M.H., Mubarak, N.M., Tyagi, I., Karri, R.R., Koduru, J.R., Suhas. Removal of mercury from industrial effluents by adsorption and advanced oxidation processes: A comprehensive review (2022) *Journal of Molecular Liquids*, 367, art. no. 120491. DOI: 10.1016/j.molliq.2022.120491
- 8- Onyeaka, H., Passaretti, P., Miri, T., & Al-Sharify, Z. T. (2022). The safety of nanomaterials in food production and packaging. *Current Research in Food Science*. Vol.5, pp. 763-774, ISSN 2665-9271. <https://doi.org/10.1016/j.crfcs.2022.04.005>. (<https://www.sciencedirect.com/science/article/pii/S2665927122000636>)
- 9- Obileke, K., Onyeaka, H., Miri, T., Nwabor, O.F., Hart, A., Al-Sharify, Z.T., Al-Najjar, S., Anumudu, C. (2022). Recent advances in radio frequency, pulsed light, and cold plasma technologies for food safety. *Journal of Food Process Engineering*, 45 (10), art. no. e14138. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135467793&doi=10.1111%2fjfp.14138&partnerID=40&md5=fa5fd622aa53d7bad4f2b4442b678e4c> DOI: 10.1111/jfp.14138
- 10- Ghosh, S., Al-Sharify, Z.T., Maleka, M.F., Onyeaka, H., Maleke, M., Maolloum, A., Godoy, L., Meskini, M., Rami, M.R., Ahmadi, S., Al-Najjar, S.Z., Al-Sharify, N.T., Ahmed, S.M., Dehghani, M.H. (2022). Propolis efficacy on SARS-COV viruses: a review on antimicrobial activities and molecular simulations. *Environmental Science and Pollution Research*, 29, 58628–58647, . <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133616080&doi=10.1007%2fs11356-022-21652-6&partnerID=40&md5=cd1a95335a8c42f891c58f1108046182> DOI: 10.1007/s11356-022-21652-6. <https://doi.org/10.1007/s11356-022-21652-6>
- 11- Almhana, N., Naser, Z., Al-Najjar, S., Al-Sharify, Z., & Nail, T. (2022). Photocatalytic Degradation of Textile Dye from Wastewater by using ZnS/TiO<sub>2</sub> Nanocomposites Material. *Egyptian Journal of Chemistry*, 65(13), -. <https://doi.org/10.21608/ejchem.2022.125852.5588>
- 12- Al-Sharify, T.A., Alshrefy, Z.A., Hussein, H.A., Al-Sharify, Z.T., Onyeaka, H., Al-Sharify, M.T., Ghosh, S. (2022). IoT and E-learning with the Impact of COVID 19 Pandemic Lockdown on the Undergraduate University Student Blood Pressure Levels. *CEUR Workshop Proceedings*, 3149, pp. 73-86. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132276934&partnerID=40&md5=3a87512f23f86da8939d889f5737d461>
- 13- Al-Sharify, N., Hussein, H., Ahmed, S., Al-Sharify, T., Al-sharify, Z., Onyeaka, H., Naser, Z., Miri, T., Ghosh, S. (2022). 'Polymer Resin Modelling for Chemical and Biomedical Purposes', *Egyptian Journal of Chemistry*, 65(10), pp. 523-529. doi: 10.21608/ejchem.2022.117967.5314
- 14- Soumya Ghosh, Omar Falyouna, Alhadi Malloum, Amina Othmani, Charné Bornman, Heba Bedair, Helen Onyeaka, Zainab T. Al-Sharify, AJALA Oluwaseun Jacob, Taghi Miri, Christian Osagie, Shabnam Ahmadi, (2022). A general review on the use of advance oxidation and adsorption processes for the removal of furfural from industrial effluents. *Microporous and Mesoporous Materials*, Volume 331,2022, 111638, ISSN 1387-1811, <https://doi.org/10.1016/j.micromeso.2021.111638> .
- 15- Shahad, F. H., Salih R, Al-Sharify, Z. T. A Taguchi Approach for optimization of mass transfer coefficient in metronidazole drug delivery process and activated carbon as a carrier. (2021). *Journal of Engineering Research*, Vol.9 No. (4A) pp. 25-38. <https://doi.org/10.36909/jer.10405>
- 16- Nagam Obaid Kariem, Mohammed Ali Rasheed and Al-Sharify, Z.T. Performance of a Cooling Tower with the Use of a New Kind of High-density Polyethylene (HDPE) Packing. (2021). *Journal of Engineering Research*, <https://doi.org/10.36909/jer.10409>
- 17- Muhsun, S. S., Al-Sharify, Z. T. CFD simulated model and experimental tests for critical depth and flowrate estimation over a broad-crested weir under the longitudinal slope effect, (2021) *International Journal of Environment and Waste Management*, 28 (1), pp. 41-60. <https://doi.org/10.1504/IJEW.2021.117006>
- 18- Hussein, N.Q., Muhsun, S.S., Al-Sharify, Z.T., Hamad, H.T. Unsteady state contaminants transport in sandy mediums using CFD model (2021) *IOP Conference Series: Earth and Environmental Science*, 779 (1), art. no. 012069. <https://doi.org/10.1088/1755-1315/779/1/012069>
- 19- Onyeaka, H., Anumudu, C. K., Al-Sharify, Z. T., Egele-Godswill, E., & Mbaegbu, P. (2021). COVID-19 pandemic: A review of the global lockdown and its far-reaching effects. *Science progress*, 104(2), 368504211019854. <https://doi.org/10.1177/00368504211019854>
- 20- Onyeaka H, Al-Sharify ZT, Ghadhban MY, Al-Najjar SZ. A review on the advancements in the development of vaccines to combat coronavirus disease 2019. *Clin Exp Vaccine Res.* 2021 Jan;10(1):6-12. <https://doi.org/10.7774/cevr.2021.10.1.6>
- 21- Al-Sharify, Z. T., Nussrat, H. H., Al-Najjar, S. Z., Onyeaka, H., Al-Sharify, N. T. (2021). The Emergence Of COVID-19 And Its Pandemic Potential as A Global Health Security Threat And Its Effect On Future Life Strategy. *Systematic Reviews in Pharmacy*, 12(3), 259-269.
- 22- Alshrefy, Z.A., Alahmady, K.K., Sedeeq, L.J., Al-Sharify, Z.T., Moualli, N. Physico-chemical survey of bottled and tap water in Iraq.(2021) *Journal of Green Engineering*, 11 (1), pp. 349-365. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100045914&partnerID=40&md5=89df697168067792ed9afd9b18d74f1f> .
- 23- Almhana, N.M., Ali, S.A.K., Al-Najjar, S.Z., Al-Sharify, Z.T. Assessment of cobalt ions removal in synthetic wastewater using broad bean peels (2020) *Journal of Green Engineering*, 10 (11), pp. 10157-10173. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098449112&partnerID=40&md5=6124fbbcc27a5d1b8eda20d236cb2b7>

  
 الأستاذ المساعد الدكتور  
 زياد الجرار  
 رئيس قسم هندسة البيئة

  
 الأستاذ المساعد الدكتور  
 داود عيسى حسين  
 رئيس قسم هندسة البيئة

  
 قسم هندسة البيئة  
 جامعة تكريت

- 24- Lahieb Faisal M., Seroor Atalah Khaleef Ali, Al-Sharify, Z. T., Azaldeen Ali Abdulhussein, 2020. The Effect of Smoke from Factories, Electricity Generator and Vehicles on Human Health and Environment. A Review. Solid State Technology, 63(6), 201390-201398. <http://solidstatetechnology.us/index.php/JSSST/article/view/8768>
- 25- Lahieb Faisal, M., Al-Najjar, S.Z., Al-Sharify, Z.T. Modified orange peel as sorbent in removing of heavy metals from aqueous solution (2020) Journal of Green Engineering, 10 (11), pp. 10600-10615. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098447281&partnerID=40&md5=9b5ec8d3e1aac851115c7c8312968b9f>
- 26- Razak, Z.A., Rushdi, S., Gadhban, M.Y., Al-Najjar, S.Z., Al-Sharify, Z.T. Possibility of utilizing the lemon peels in removing of red reactive (RR) dye from simulated aqueous solution (2020) Journal of Green Engineering, 10 (10), pp. 7343-7359. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096547662&partnerID=40&md5=689968c1573d2617a2a4f64a5b527682>
- 27- Rushdi, S., Hameed, K.K., Janna, H., Al-Sharify, Z.T. Investigation on production of sustainable activated carbon from walnuts shell to be used in protection from COVID-19 disease (2020) Journal of Green Engineering, 10 (10), pp. 7517-7526. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096513484&partnerID=40&md5=916c96e572caa3335d48fb835753ced2>
- 28- Kariem, N.O., Mousa Al-Zobai, K.M., Al-Sharify, Z.T. Performance of cooling tower using sustainable polymers packing (2020) Journal of Green Engineering, 10 (9), pp. 6871-6884. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094607065&partnerID=40&md5=589abb5792d8439133c8ce3275e6d198>
- 29- Majid, Z., Al-Sharify, N.T., Al-Sharify, Z.T. Measurement of muscle activity using arduino advanced software for sustainable aid (2020) Journal of Green Engineering, 10 (9), pp. 4965-4976. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093968330&partnerID=40&md5=32993d9278eb4e68e089e985633cf848>
- 30- Muhsun, S.S., Al-Madhachi, A.-S.T., Al-Sharify, Z.T. Prediction and CFD Simulation of the Flow over a Curved Crump Weir Under Different Longitudinal Slopes (2020) International Journal of Civil Engineering, 18 (9), pp. 1067-1076. Springer. <https://doi.org/10.1007/s40999-020-00527-2>
- 31- Al Jaaf, H.J.M., Al-Ubaidy, M.I.B., Al-Sharify, Z.T. Removal of Cd(II) from polluted water by filtration using iron oxide coated sand media (2020) IOP Conference Series: Materials Science and Engineering, 870 (1), art. no. 012077, <https://doi.org/10.1088/1757-899X/870/1/012077>
- 32- Gadhban, M.Y., RiadhAbdulmajed, Y., Ali, F.D., Al-Sharify, Z.T. Preparation of nano zeolite and its application in water treatment (2020) IOP Conference Series: Materials Science and Engineering, 870 (1), art. no. 012054, . <https://doi.org/10.1088/1757-899X/870/1/012054>
- 33- Rzaiz, D.R., Al-Jaaf, H.J., Al-Najjar, S.Z., Al-Sharify, Z.T., Al-Moameri, H.H., Mohammed, N.A. Studying the concentrations of nitrite and nitrate of Tigris river water in Baghdad and their suitability to the conditions permitted internationally (2020) IOP Conference Series: Materials Science and Engineering, 870 (1), art. no. 012025. <https://doi.org/10.1088/1757-899X/870/1/012025>
- 34- Al-Sharify, Z.T., Lahieb Faisal, M., Hamad, L.B., Jabbar, H.A. A review of hydrate formation in oil and gas transition pipes (2020) IOP Conference Series: Materials Science and Engineering, 870 (1), art. no. 012039. <https://doi.org/10.1088/1757-899X/870/1/012039>
- 35- Murtadah, I., Al-Sharify, Z.T., Hasan, M.B. Atmospheric concentration saturated and aromatic hydrocarbons around dura refinery (2020) IOP Conference Series: Materials Science and Engineering, 870 (1), art. no. 012033. <https://doi.org/10.1088/1757-899X/870/1/012033>
- 36- Al-Sharify, Z.T., Al-Sharify, T.A., Al-Obaidy, B.W., Al-Azawi, A.M. Investigative study on the interaction and applications of plasma activated water(PAW) (2020) IOP Conference Series: Materials Science and Engineering, 870 (1), art. no. 012042. <https://doi.org/10.1088/1757-899X/870/1/012042>
- 37- Al-Sharify, Z.T., Al-Sharify, T.A., Al-Sharify, N.T., Naser, H.Y. A critical review on medical imaging techniques (CT and PET scans) in the medical field (2020) IOP Conference Series: Materials Science and Engineering, 870 (1), art. no. 012043. <https://doi.org/10.1088/1757-899X/870/1/012043>
- 38- Hamad, H.T., Al-Sharify, Z.T., Al-Najjar, S.Z., Gadoo, Z.A. A review on nanotechnology and its applications on fluid flow in agriculture and water recourses (2020) IOP Conference Series: Materials Science and Engineering, 870 (1), art. no. 012038. <https://doi.org/10.1088/1757-899X/870/1/012038>
- 39- Al-Sharify, N.T., Rzaiz, D.R., Nahi, Z.M., Al-Sharify, Z.T. An experimental investigation to redesign a pacemaker training board for educational purposes (2020) IOP Conference Series: Materials Science and Engineering, 870 (1), art. no. 012020. <https://doi.org/10.1088/1757-899X/870/1/012020>
- 40- Lahieb Faisal, M., Al-Sharify, Z.T., Farah Faisal, M. Role of rice husk as natural sorbent in paracetamol sorption equilibrium and kinetics (2020) IOP Conference Series: Materials Science and Engineering, 870 (1), art. no. 012053. <https://doi.org/10.1088/1757-899X/870/1/012053>
- 41- Muhsun, S.S., Al-Sharify, Z.T., Bahiya, H.M. Simulation of two-phase flow contaminates transport in pipe flow under transient laminar flow condition (2020) Journal of Green Engineering, 10 (7), pp. 3861-3883. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090611001&partnerID=40&md5=54a62c3f41964cedf4a3981ff3277af0>
- 42- Al-Moameri, H.H., Al-Sharify, N.T., Abdulrehman, M.A., Al-Sharify, Z.T. Impact of nanoparticles on polyurethane resin's final properties (2020) Journal of Green Engineering, 10 (6), pp. 3114-3126. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088951170&partnerID=40&md5=d5347225010346a6f73806a5b0e8498c>
- 43- Al-Sharify, N.T., Al-Sharify, Z.T., Al-Sharify, T.A., Al-Sharify, M.T., Al-Sharify, A.T. A technical overview and comparison between PET and MRI scanning (2020) Systematic Reviews in Pharmacy, 11 (1), pp. 35-41. <https://doi.org/10.5530/srp.2020.1.06>  
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078139186&doi=10.5530%2fsrp.2020.1.06&partnerID=40&md5=57f064d7fb2abf6013b77ac80a1d591a>
- 44- Muhsun, S.S., Talab Al-Osmay, S.A., Al-Hashimi, S.A.M., Al-Sharify, Z.T. Theoretical, CFD Simulation and Experimental Study to Predict the Flowrate Across a Square Edge Broad Crested Weir Depending on the End Depth as a Control Section, (2020) Lecture Notes in Civil Engineering, 53, pp. 15-34. Springer, Cham. [https://doi.org/10.1007/978-3-030-32816-0\\_2](https://doi.org/10.1007/978-3-030-32816-0_2)
- 45- In AWAM International Conference on Civil Engineering (pp. 15-34). Springer, Cham. [https://doi.org/10.1007/978-3-030-32816-0\\_2](https://doi.org/10.1007/978-3-030-32816-0_2)  
[https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077558303&doi=10.1007%2f978-3-030-32816-0\\_2&partnerID=40&md5=99bb8a7368a5c871c577c038fde0830e](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077558303&doi=10.1007%2f978-3-030-32816-0_2&partnerID=40&md5=99bb8a7368a5c871c577c038fde0830e)

  
الأستاذ المساعد الدكتور  
فaisal Lahieb

  
الأستاذ المساعد الدكتور  
داود حميد هادي  
رئيس قسم هندسة البيئة



- 46- Al-Sharify, Z.T., Faisal, L.M.A., Al-Sharif, T.A., Al-Sharify, N.T., Faisal, F.M.A. Removal of analgesic paracetamol from wastewater using dried olive stone (2018) International Journal of Mechanical Engineering and Technology, 9 (13), pp. 293-299. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059748958&partnerID=40&md5=7df653567beaeb9375592a10210448e>
- 47- Muhsun, S.S., Al-Sharify, Z.T. Experimental work and CFD model for flowrate estimating over ogee spillway under longitudinal slope effect (2018) International Journal of Civil Engineering and Technology, 9 (13), pp. 430-439. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059567365&partnerID=40&md5=4f87d7f2db2b09fa35c89374cc48c3b0>
- 48- Al-Qaisi, M.Q., Lahieb Faisal, M.A., Al-Sharify, Z.T., Al-Sharify, T.A. Possibility of utilizing from lemon peel as a sorbent in removing of contaminant such as copper ions from simulated aqueous solution (2018) International Journal of Civil Engineering and Technology, 9 (11), pp. 571-579. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057809050&partnerID=40&md5=ed59218acb3597e9c6cffa056e41c4ee>

#### **Published in International and Local Journals**

- Zaid, H., Al-sharify, Z., Hamzah, M. H., & Rushdi, S. (2022). Optimization Of Different Chemical Processes Using Response Surface Methodology-A Review: Response Surface Methodology. Journal of Engineering and Sustainable Development, 26(6), 1-12. <https://doi.org/10.31272/jeasd.26.6.1>
- Onyeaka, H., Miri, T., Obileke, K., Hart, A., Anumudu, C., & Al-Sharify, Z. T. (2021). Minimizing carbon footprint via microalgae as a biological capture. Carbon Capture Science & Technology, 1, 100007.
- Hussein, N. Q., Muhsun, S. S., Al-Sharify, Z. T., & Hamed, H. T. (2021). EXPERIMENTAL AND CFD-SIMULATION OF POLLUTANT TRANSPORT IN POROUS MEDIA. Journal of Engineering and Sustainable Development (JEASD), 25(4).
  - <https://www.iasj.net/iasj/download/2118362caf8183b9>
  - <https://doi.org/10.31272/jeasd.25.4.3>
- Alnsrawy, N., Muhsun, S. S., & **Al-Sharify, Z. T.** (2021). A LABORATORY MODEL FOR THE ADSORPTION AND LOSS OF THE SULFATE TRANSPORT IN MULTI POROUS MEDIA OF SOIL. Journal of Engineering and Sustainable Development (JEASD), 25(Special\_Issue\_2021).
  - <https://www.iasj.net/iasj/download/4461fb6c031ec40f>
- Al-Mashhadani, S. H., **Al-Sharify, Z. T.**, & Kariem, N. O., 2020. Investigating The Spread Of Coronavirus (Covid-19) At Airports And Methods Of Protection. Journal of Engineering and Sustainable Development, (Special), 38-44.
  - <https://www.iasj.net/iasj/download/2f118dc047568ecc>
- Mousa, H. M., Muhsun, S. S. & **Al-Sharify, Z. T.**, 2020. Two Phase Flow Experimental Detection Method and CFD models—A review. Journal of Engineering and Sustainable Development.
  - <https://www.iasj.net/iasj/article/186516>
- Safaa Hussein, **Al-Sharify, Z.T.**, Nadia Almhana, 2020. "Community Of Pathogenic Fungi Which Contaminating Agricultural Soil In Iraq, a review" Journal of Engineering and Sustainable Development. DOI:10.31272/jeasd.23
- Alatabe, M. J. A., & **Al-Sharify, Z. T.**, 2019. Utilization of low cost adsorbents for the adsorption process of lead ions. . International Journal of Modern Research in Engineering and Technology. Vol 4 (11), 29-48.
- Sadiq, S. M., Gubashi, K. R., Chyad R. F., & **Al-Sharify, Z. T.** (2018). Removal of Inorganic Contaminants Using Manufacturing Porous Media. International Journal of Engineering & Technology, 7(4), 142-145.
- Faiza Ez. Gharib, Talib A. Al-Sarify, Ali F. Atshan, Zainab Talib Al-Sharify, MunaAbed Jaffar, 2012. "Improve Thermal Insulation And Physical Properties of The Iraqi Plaster Using Natural Additives". Journal of Environmental Studies, JES, vol., IX: 21-28.
- Sagida Abass Hussain, Muna Mahmud, **Zainab Talib Abidzaid al-Sharify**, Muna Abed Jaffar, Alia Hussain, 2012, "Effect of Separation Methods on Identification and Determination of Concentrations the Bioactive Compounds". Journal of Environmental Studies, JES, Vol., 8: 25-29.
- **Zainab T. A. Al-Sharify**, S. A. H. al-juboori, 2012, "Effect of Separation Methods on Identification and Determination of Concentrations the Bioactive Compounds". Journal of Environmental studies, Sohag University, Egypt, Vol. 8, pp.25-29.
- **Zainab Talib Al-Sharify**, Ali S. Abdulameer, Munther M. Al-Mukhtar, Abdul R., Hassan A. and Ali H. Al-Mousawi, 2012, "Effect of Time factor, Potassium and Cobalt on Rhizobium Efficiency in the Silt Clay loam Soil". Journal of Environmental studies, Sohag University, Egypt, Vol.8, pp.17-23.
- **Zainab Talib Abidzaid**, TalibAbidzaid, Faiza Ez. Gharib, Ali F. Atshan, 2012, "Improve Thermal Insulation And Physical Properties Of The Iraqi Plaster Using Natural Additives". Journal of Environmental studies[JES], Sohag University, Egypt, Vol.9, pp.21-28.
- **Zainab T. A. Al-Sharify**, Mohammed NasifLatiff, and Wekar. Abd Al-Wahed, "Modeling of fluid flow through packed beds of glass sphere packing". Thi-Qar Journal for Engineering Sciences, University of Thi-Qar, College of Engineering, Iraq, 2012.
- **Zainab Talib Al-sharify** and Ali S. Abdulameer, 2012, "Nodulation By Rhizobium And Yield Of White Bean Responding To Different Methods Of Phosphorus And Zinc Application". 3rd BEAR Postgraduate Conference, Birmingham, UK, page 16.
- **Zainab Talib Abidzaid**, Mohammed N. Latif and WekarAbd Al-Wahed, 2011, "Experimental Study Of Fluid Flow Through Packed Beds Of Glass Sphere Packing". Thi-Qar Journal for Engineering Sciences, University of Thi-Qar, College of Engineering, Iraq, Vol., 3: 32-47.
- **Zainab Talib Abidzaid Al-Sharify**, 2011, "Experimental and Theoretical Studies on Mechanical Properties of Composite Material". Thi-Qar Journal for Engineering Sciences, University of Thi-Qar, College of Engineering, Iraq, Vol. 2, No. 1, pp. 54-72.
- **Zainab TalibAbidzaid**, 2011, "Effect Of Ratios Of Down Comer To Riser Cross Sectional Area On Hydrodynamic Of Airlift Reactors". Gulf University Journal. Kingdom Of Bahrain, Vol. 3, Eng. Div, No. 1, pp. 20-35.
- **Z. T. A. Al-Sharify**, M. N. Abass and N. O. Kareem, 2010. "Modified Equations for Water Flow Through Packed Bed for Different Types of

الأستاذ المساعد الدكتور  
عبدالله جواد الزبيدي

الأستاذ المساعد الدكتور  
داود عيسى ساجيت  
رئيس قسم هندسة البيئة



- Packing Systems". Journal of Al-Rafidain University College for Sciences. Baghdad, Iraq. Vol. 26, pp. 35-53.
- **Z. T. A. Al-Sharify**, T. A. Al-Sharify, S. A. H. al-juboori, 2010, "Anti-Bacterial Properties of DaturaMetel Leaves Extract". Journal of Environmental studies [JES], Sohag University, Egypt, Vol. 4, pp. 69-76.
  - **Al-Sharify, Z.T**, M.N. Abbas and Farah Faisal, 2010. "Modification Of Millington And Quirk Equation For The Pore Size In Porous Media Of Mono Size Spherical Packing".The 2ndScientific Conference Of The College Of Engineering, Al-Qadisiya, Iraq
  - T. A. Al-Sharify, **Z. T. A. Al-Sharify**, M. N. Abass, 2009, "Modification of Porosity Equation for Water Flow through Porous Media". Journal of Environmental studies, Sohag University, Egypt. Vol. 2, pp. 65- 72.
  - Z. T. A. Al-Sharify, T. A. Al-Sharify, S. A. H. al-juboori, 2010, "Anti-Bacterial Properties of DaturaMetel Leaves Extract". Journal of Environmental studies [JES], Sohag University, Egypt, Vol. 4, pp. 69-76.
  - Zainab Talib Abidzaid, Mohammed N. Latif and WekarAbd Al-Wahed, 2011, "Experimental Study Of Fluid Flow Through Packed Beds Of Glass Sphere Packing". Thi-Qar Journal for Engineering Sciences, University of Thi-Qar, College of Engineering, Iraq, Vol., 3: 32-47.
  - Faiza Ez. Gharib, Talib A. Al-Sarify, Ali F. Atshan, ZainabTalib Al-Sharify, MunaAbedJaffar, 2012."Improve Thermal Insulation And Physical Properties of The IraqiPlaster Using Natural Additives". Journal of Environmental Studies, JES.
  - ZainabTalib Al-sharify and Ali SabeehAbdulameer, 2012, "Nodulation By Rhizobium And Yield Of White Bean Responding To Different Methods Of Phosphorus And Zinc Application".3rd BEAR Postgraduate Conference, Birmingham, UK, page 16.
  - ZainabTalibAbidzaid Al-Sharify, 2011, "Experimental and Theoretical Studies on Mechanical Properties of Composite Material". Thi-Qar Journal for Engineering Sciences, University of Thi-Qar, College of Engineering, Iraq , Vol. 2 , No. 1 , pp. 54-72.
  - ZainabTalibAbidzaid, 2011, "Effect Of Ratios Of Down Comer To Riser Cross Sectional Area On Hydrodynamic Of Airlift Reactors". Gulf University Journal. Kingdom Of Bahrain, Vol. 3, Eng. Div., No. 1, pp. 20-35.
  - Z. T. A. Al-Sharify, M. N. Abass and N. O. Kareem, 2010. "Modified Equations for Water Flow Through Packed Bed for Different Types of Packing Systems". Journal of Al-Rafidain University College for Sciences. Baghdad, Iraq. Vol. 26, pp. 35-53.
  - Z. T. A. Al-Sharify, T. A. Al-Sharify, S. A. H. al-juboori, 2010, "Anti-Bacterial Properties of DaturaMetel Leaves Extract". Journal of Environmental studies [JES], Sohag University, Egypt, Vol. 4, pp. 69-76.
  - T. A. Al-Sharify, Z. T. A. Al-Sharify, M. N. Abass, 2009, "Modification of Porosity Equation for Water Flow through Porous Media". Journal of Environmental studies,Sohag University, Egypt. Vol. 2, pp. 65- 72.
  - SagidaAbassHussain, Muna Mahmud, ZainabTalibAbidzaid al-Sharify, Muna Abed Jaffar, Alia Hussain, 2012, "Effect of Separation Methods on Identification and Determination of Concentrations the Bioactive Compounds". Journal of Environmental Studies, JES, Vol., 8: 25-29.
  - Zainab T. A. Al-Sharify, S. A. H. al-juboori, 2012, "Effect of Separation Methods on Identification and Determination of Concentrations the Bioactive Compounds". Journal of Environmental studies, Sohag University, Egypt, Vol. 8, pp.25-29.
  - ZainabTalib Al-Sharify, Ali S. Abdulameer, Munther M. Al-Mukhtar, Abdul R., Hassan A. and Ali H. Al-Mousawi, 2012,"Effect of Time factor, Potassium and Cobalt on Rhizobium Efficiency in the Silt Clay loam Soil". Journal of Environmental studies, Sohag University, Egypt, Vol.8, pp.17-23.
  - ZainabTalibAbidzaid, TalibAbidzaid, Faiza Ez. Gharib, Ali F. Atshan, 2012, "Improve Thermal Insulation And Physical Properties Of The Iraqi Plaster Using Natural Additives".". Journal of Environmental studies [JES], Sohag University, Egypt, Vol.9, pp.21-28.
  - Zainab T. A. Al-Sharify, Mohammed NasifLatiff, and Wekar. Abd Al-Wahed, "Modeling of fluid flow through packed beds of glass sphere packing". Thi-Qar Journal for Engineering Sciences, University of Thi-Qar, College of Engineering, Iraq, 2012.
  - Sadiq S. M. , Karim R. G., Rawaa F. C. and Zainab Talib Al-sharify, 2018, Removal of Inorganic Contaminants Using Manufactured Porous Media'. International Journal of Engineering & Technology, 7 (4.20) (2018) 142-145.
  - Zainab T. Al-Sharify, Lahieb Faisal M.A, Talib A. Al-Sharify, Noor T. Al-Sharify and Farah Faisal M.A, Removal of Analgesic Paracetamol From Wastewater Using Dried Olive Stone, International Journal of Mechanical Engineering and Technology, 9(13), 2018, pp. 293–299.
  - Sadiq Salman Muhsun, Zainab T. Al-Sharify, Experimental Work and CFD Model for Flowrate Estimating Over Ogee Spillway Under Longitudinal Slope Effect, International Journal of Civil Engineering and Technology (IJCIET) 9(13), 2018, pp. 430–439.
  - Maryam Q. Al-Qaisi, Lahieb Faisal M.A., Zainab T. Al-Sharify and Talib A. Al-Sharify, Possibility of Utilizing from Lemon Peel as a Sorbent in Removing of Contaminant Such as Copper Ions from Simulated Aqueous Solution, International Journal of Civil Engineering and Technology (IJCIET) 9(11), 2018, pp. 571–579.
  - Zainab T. al-sharify, Shahad al-najjar, Mostafa Barigou, 2018, "Study the Mixing of Floating Particles Suspended in Different Rheological Fluids using PEPT", April 2018 FMP-SIG, The Fluid Mixing Processes Special Interest Group of the IChemE, Manchester, UK.

## PROFESSIONAL DEVELOPMENT

### • CERTIFICATIONS.

More than 300 certificate from Minister of Higher Education and scientific research, The President of Mustansiriyah University, The dean of the college of Engineering and other universities and institutions.



الأستاذة الدكتورة  
زنايب تاليب الشاريفي



الأستاذ المساعد الدكتور  
داود عيسى الجبوري  
رئيس قسم هندسة البيئة



## • CONFERENCES.

### Conferences Organizing:

More than 15 conference organising and participate as scientific or organizing committee.

- 1- The second International Conference on Scientific Research and Innovation 2023, Oakland, 15-16 March 2023, USA.
- 2- 5th International Conference on Materials Engineering & Science, IConMEAS 2022, University of TopKapi, 622-23 August 2022, Turkey.
- 3- 5th Scientific Engineering conference and 2<sup>nd</sup> in Sustainable Engineering, Mustansiriyah University, 1-2 Jun 2022.
- 4- The 2<sup>nd</sup> International Conference on Engineering and Advanced Technology (ICEAT 2022), 28-29 March 2022, Turkey.
- 5- 4th International Conference on Materials Engineering & Science, IConMEAS 2021, University of Duhok, 6-7 October 2021.
- 6- The 2<sup>nd</sup> virtual scientific conference of the College of Engineering, 8 Jun 2021, Baghdad, Iraq.
- 7- The 1<sup>st</sup> virtual scientific conference of the College of Engineering, 8 Jun 2020, Baghdad, Iraq.
- 8- The 1<sup>st</sup> International Conference on Engineering and Advanced Technology (ICEAT 2020), 11-12 February 2020, Assiut, Egypt.
- 9- The 8<sup>th</sup> Birmingham Environment for Academic Research (BEAR) Postgraduate Conference, Feb 2018, Birmingham, UK
- 10- Research Poster Conference 2017, Birmingham, UK.
- 11- The 7<sup>th</sup> Birmingham Environment for Academic Research (BEAR) Postgraduate Conference, 2016, Birmingham, UK
- 12- The 5<sup>th</sup> Birmingham Environment for Academic Research (BEAR) Postgraduate Conference, 2014, Birmingham, UK
- 13- The 4<sup>th</sup> Birmingham Environment for Academic Research (BEAR) Postgraduate Conference, 2013, Birmingham, UK
- 14- The 3<sup>rd</sup> BEAR Postgraduate Conference, Birmingham, 2012, UK
- 15- Birmingham Environment for Academic Research (BEAR) Lunch Event, 2012, Birmingham, UK

### Conferences Attended:

Some of the conferences attended, more than 200 conferences attended

The 1<sup>st</sup> national virtual conference for sustainable development, held by the University of Basra, the Marine Science Center, and the South Refineries Company .2022

Participated as a speaker in the opening session of the Conference on Sustainable Development, Title of the speech (The role of global scientific research in finding solutions to protect and sustain environmental resources from the impact of climate change)

5<sup>th</sup> International Conference on Materials Engineering & Science, IConMEAS 2022, University of TopKapi, 22-23 August 2022.

Participated as a keynote speaker, chair of the session, and conference organizer.

5<sup>th</sup> Scientific Engineering conference and 2<sup>nd</sup> in Sustainable Engineering, Mustansiriyah University, 1-2 Jun 2022..

The 2<sup>nd</sup> International Conference on Engineering and Advanced Technology (ICEAT 2022), 28-29 March 2022, Turkey.

The 1<sup>st</sup> International Conference on Emerging Technology Trends on the Smart Industry and the Internet of Thing, 19-20 January 2022, Kiev, Ukraine.

IoT and E-learning with the impact of COVID 19 pandemic lockdown on the undergraduate university student blood pressure levels: educational paper

5<sup>th</sup> International Conference on Materials Engineering & Science, IConMEAS 2021, University of Duhok, 6-7 October 2021.

Publish 4 papers in this conference.

The 2<sup>nd</sup> virtual scientific conference of the College of Engineering (Scientific research in the time of the Corona pandemic for postgraduate students), 8 Jun 2021, Baghdad, Iraq.

The 1<sup>st</sup> virtual scientific conference of the College of Engineering (Scientific research in the time of the Corona pandemic for postgraduate students), 8 Jun 2020, Baghdad, Iraq.

International Conference on Computer Science and Software Engineering CSASE 2020, University of Duhok and IEEE, 16-17 April 2020, Online conference, Duhok Iraq.

The 1<sup>st</sup> International Conference on Engineering and Advanced Technology (ICEAT 2020), 11-12 February 2020, Assiut, Egypt.

Publish 15 papers in this conference.

AWAM international conference on civil engineering (AICCE '19), 20-21 August 2019, Malaysia.



الأستاذ المساعد الدكتور  
عبدالله محمد الجبوري



الأستاذ المساعد الدكتور  
داود عيسى ساميت  
رئيس قسم هندسة البيئة



- Theoretical, CFD simulation and Experimental study to predict the flow rate across a Sequar Edge Broad crested weir depending on the end depth as a control section.

**The 1st scientific international conference on the occasion of World Water Day, 18-20 March 2019, Iraq.**

**The 1st International Conference for Civil Engineering Science (ICCES-2018), 14-15 November 2018, Iraq**

- Removal of Inorganic Contaminants Using Manufacturing Porous Media.

**Fluid Mixing Processes, special interest group of the IChemE, 13 April 2018, Manchester, UK.**

- Study the Mixing of Thixotropic Fluid using Particle Image Velocimetry.

**The 4<sup>th</sup> scientific engineering and first sustainable engineering conference, 4<sup>th</sup> SE 1<sup>st</sup> EC18, March 2018, Mustansiriyah University, Baghdad, Iraq.**

**6<sup>th</sup> Annual Research in Development Network (RiDNet) Conference, University of Leeds, March 2018, Leeds, UK**

- “Measuring, Evaluating and Documenting Development: Linking Academia and Practice”

**The 8<sup>th</sup> Birmingham Environment for Academic Research (BEAR) Postgraduate Conference, Feb 2018, Birmingham, UK**

- Study the Mixing of non-Newtonian Fluids Using Positron Emission Particle Tracking

**The International Symposium on Mixing in Industrial Processes IX (ISMIP), 2017, Birmingham, UK**

- “PEPT Measurements of Solid–Liquid Flow Field of Floating Particles in a Stirred Vessel“.

**UK Particle Technology Forum 2017, IChemE, University of Birmingham, UK.**

**The ChemEngDayUK2017, Birmingham, UK**

- “Draw Down Of Floating Particles In A Stirred Vessel Using Different Rheological Fluids“

**Research Poster Conference 2017, Birmingham, UK.**

- “Study Of Fluid Flow Through Packed Beds Of Glass Sphere Packing “.

**The 7<sup>th</sup> Birmingham Environment for Academic Research (BEAR) Postgraduate Conference, 2016, Birmingham, UK**

- “Using CFD simulations and Positron Emission Particle Tracking to Study the Mixing of Shear Thickening Fluids in a Stirred Tank“.

**The ChemEngDayUK2015, Sheffield, UK**

- “Positron Emission Particle Tracking Inside Caverns Formed During Mixing Of Viscoplastic Fluids Of Shear Thinning And Shear-Thickening Rheology“

**The 5<sup>th</sup> Birmingham Environment for Academic Research (BEAR) Postgraduate Conference, 2014, Birmingham, UK**

- The Poster win the first prize: “Comparing the Performance of Different Impellers In Mixing Viscoplastic Fluids: CFD, Theory And Experiment”
- 2<sup>nd</sup> poster presented in the conference: “Effected VOIP Service By Means Subjective Method Using MOS In LTE Network”

**The 7<sup>th</sup> International Conference on Computational and Experimental Methods in Multiphase and Complex Flow, 3-5 July 2013, LA Coruña, Spain**

- "Particle Tracking In Complex Flows Of Complex Fluids".

**The 4<sup>th</sup> Birmingham Environment for Academic Research (BEAR) Postgraduate Conference, 2013, Birmingham, UK**

- “Numerical Modelling Of Solid-liquid Suspensions In A Mechanically Agitated Vessel: CFD And Experiment”
- “Adaptive Equalizers In LTE Technology”

**The 3<sup>rd</sup> BEAR Postgraduate Conference, Birmingham, 2012, UK**

- “Nodulation By Rhizobium And Yield Of White Bean Responding To Different Methods Of Phosphorus And Zinc Application”

**Birmingham Environment for Academic Research (BEAR) Lunch Event, 2012, Birmingham, UK**

**The 3<sup>rd</sup> Syrian International Chemical Conference, Aleppo –University, Syria**

- “Extraction and Analysis of Some Phenolic Acids in Teucrium polium and Studying the Biological Activity of the Extracts”

الأستاذ المساعد الدكتور  
عبدالله جواد الحنايني

الأستاذ المساعد الدكتور  
داود عيسى ساجست  
رئيس قسم هندسة البيئة





### The 2<sup>nd</sup> International Chemical Engineering Conference, University of Jordan, Amman, Jordan

- “Zeolite Catalyst For The Production Of Phenol By Reactive Distillation”

### The 15<sup>th</sup> Arab Chemistry Conference (ACC-15), Syria

- "Improving the properties of plaster Iraqi by using of natural additives"

### The 2<sup>nd</sup> Scientific Engineering Conference, Babylon University, Iraq

- “A Computational Fluid Dynamics (CFD) Model Simulation of An Airlift Reactor Using ANSYS-CFX Euler-Euler Model”

### The 1<sup>st</sup> Conference for Women Science In Iraq, Baghdad, Iraq

- “Study Of The Impact Of Pesticide Dichlorvos in the Metabolism Of Different Types Of Moadalmaiip”

### The 6<sup>th</sup> Scientific Conference Of The College Of Sciences, al-Mustansiriya University, Baghdad, Iraq

- “Extraction and Identification of Alkaloids Atropine and Scopolamine in Different Organs of *Daturametele*”

### The 1<sup>st</sup> Scientific Conference of Center Of Desert Studies, Anbar, Iraq

- “Study the using of porous rock (Limestone) instead of Coarse Aggregate in the concrete”

### The 3<sup>rd</sup> annual scientific conference of the College of Political Science, Al-Mustansiriyah University, Baghdad, Iraq

- “The University In Community Service, The Role Of Iraqi Universities In The Dissemination Of The Culture Of Dialogue And The Consolidation Of National Unity”.

### The 2<sup>nd</sup> Scientific Conference of The College Of Engineering, Al-Qadisiya, Iraq

## • **WORKSHOPS:**

(More than 500 attended and presented, some of them listed below)

- Jan 2022: Colloquium of Empowerment of women in society, Iraqi Council of Experts, Baghdad, Iraq.
- August 2018: Severn Trent's Coleshill food waste AD plant, IChemE's Clean Energy Special Interest Group invite you to a tour and a talk at Severn Trent's state of the art anaerobic digestion facility, Severn Trent Green Power Coleshill, Marconi Way, Off Edison Road, Hams Hall Distribution Park, Coleshill, UK.
- April 2018: Update on the Demonstration of the Allam Cycle, Clean Energy Special Interest Group, IChemE Event, London, UK.
- April 2018: Chemical Engineering for scientists, IChemE course, Rugby, UK.
- March 2018: Colloquium of Empowerment of women in society, Iraqi Council of Experts, Baghdad, Iraq.
- March 2017: Get Chartered, to gain Chartered Chemical Engineer status in the foreseeable future, IChemE, Aston University, UK.
- **March 2017:** Get Chartered, to gain Chartered Chemical Engineer status in the foreseeable future, IChemE, Aston University, UK.
- **May 2014:** Non-Newtonian Club/British Society of Rheology meeting RSSL, Reading, UK
- **May 2014:** 3MT competition, present your PhD thesis in 3 minutes  
Presenting 'Complex Flows Of Complex Fluids'
- **November 2010:** Environmental Symposium for Biodiversity, Baghdad, Iraq.
- **November 2009:** Establishment Colloquium on the swine flu, Baghdad, Iraq.
- **November 2010:** TOEFL ITP
- **January 2009:** Certificate of qualifying session in educational teaching methods.
- **June 2009:** Colloquium of the Ministry of Health, Baghdad, Iraq.
- **June 2009:** Colloquium of the Water established in the Municipality of Baghdad, Baghdad, Iraq.
- **November 2008:** Environmental Symposium held, Baghdad, Iraq.

## **TRAINING COURSES.**

More than 200 official training courses for different aspects (some listed below)

- Coronavirus in the US: Facts, Fictions and Practical Tips, Harvard Medical School, USA, online courses, 18 -4- 2020.
- E-learning breaking time, space and pandemic, University of Kufa, Iraq. 16-4-2020.
- Writing Systemic Literature Review Papers, Malaysia, 16-4-2020.
- Electronic education in Mustansiriya university, Baghdad, Iraq, 12-4-2020.
- Training of Trainers - TOT, Training course, carried out by BCI Egypt certification body, June 2019, Certificate No: BCI / 1738.
- Basic Radiation Awareness, Radiation (ionising and non-ionising) training sessions, Public Health England, Birmingham university, UK, will be



الدكتور الأستاذ المساعد الدكتور  
علي السيد الخضير



الأستاذ المساعد الدكتور  
داود عيسى  
رئيس قسم هندسة البيئة



attended in 8-5-2017.

- Basic Laser Training, Public Health England, Birmingham university, UK, will be attended in 23-5-2017.
- **Introduction to Linux**, held in the Murray Learning Centre, Birmingham university, UK, 13-4-2017.
- **BEAR Necessities course**, held in the Murray Learning Centre, Birmingham university, UK, 27-4-2017.
- **How to Write a Great Research Paper and Get it Accepted by a Good Journal**, Elsevier Publishing, held in Birmingham University, UK, 5-04-2017.
- Laser Safety Awareness, Birmingham university, UK, 28-4-2016.
- ANSYS **CFX** course, held in the Main Library Training Room (MLTR), Birmingham university, UK, 2016.
- ANSYS **ICEM-CFD** and **CFX** course, held in the Main Library Training Room (MLTR), Birmingham university, UK, 2014.
- 3MT course, 2014.
- **EndNote** course, Birmingham University, UK, 6-2-2013.
- **ILT001**, held in CLAD, Birmingham University, UK, 6-12-2012.
- **PIV course** in chemical engineering department, center of formulation technology, Birmingham University, UK, 2012.
- **PEPT training course**, Birmingham University, UK, 2011-2012.
- **ANSYS ICEM-CFD** and **CFX** course, held in the **Main Library Training Room (MLTR)**, Birmingham University, UK, 2012.
- Advanced ANSYS ICEM-CFD and CFX course, held in the **Main Library Training Room (MLTR)**, Birmingham university, UK, 2012.
- Excel (**XL0703, XL0704 and XL0705**) course held in the **Learning Centre**, Birmingham University, UK, 2012.
- Basic MatLab course, held in the training center, Birmingham University, UK, 2012.
- Advanced MatLab course (Matlab programming), held in the training centre, Birmingham University, UK, 2012.
- MatLab course, **Cluster, chemical engineering**, center of formulation technology, Birmingham University, UK, 2012.
- Presentation skill course, held in Aston web building, Birmingham University, UK, 2012.
- Office skill course, held in the training center, Birmingham University, UK, 2012.
- Health and safety skill course, held in chemical engineering, center of formulation technology, Birmingham University, UK, 2011.
- Information Skills for Engineering Researchers, held in the Main Library Training Room, Birmingham University, UK, 2012.
- Introduction to the Library for Engineering and Physical Science DRs. , held in the Main Library Training Room, Birmingham university, UK, 2012.
- Open access English classes, held by English for international students unit in Birmingham University, UK, 2011 and 2012.
- Fire safety course, held in chemical engineering, center of formulation technology, Birmingham University, UK, 2011.
- A course in **human resources**, al-Mustansiryia University College of Engineering 2010
- A course Test for the validity of computer programming, al-Mustansiryia University College of Engineering 2009.
- A course Test for the validity of teaching, al-Mustansiryia University College of Engineering 2009.

  
الأستاذ المساعد الدكتور  
داود عيسى حسين  
رئيس قسم هندسة البيئة

  
الأستاذ المساعد الدكتور  
داود عيسى حسين  
رئيس قسم هندسة البيئة



## السيرة الذاتية

### ا.م. د. زينب طالب عبدزيد الشريفي

الجامعة المستنصرية - كلية الهندسة، قسم هندسة البيئة  
مديرة شعبة البعثات والعلاقات الثقافية، كلية الهندسة، الجامعة المستنصرية  
هاتف: 009647740584539

ايميل : [z.t.alsharify@uomustansiriyah.edu.iq](mailto:z.t.alsharify@uomustansiriyah.edu.iq)  
[zainab\\_talib2009@yahoo.com](mailto:zainab_talib2009@yahoo.com); [zta011@alumni.bham.ac.uk](mailto:zta011@alumni.bham.ac.uk)

#### ملخص تعريفي:

تدريسية وباحثة متفانية بالعمل تتمتع بخبرة تزيد عن خمسة عشر سنوات في جوانب مختلفة من الهندسة الكيميائية، ولديها إمكانات ممتازة للمساهمة في بحوث ومشاريع مختلفة وذات مقدرة على العمل ضمن فرق بحثية كبيرة. خبيرة في مراجعة الأبحاث الرصينة وتحرير البحوث للمجلات التي تمت مراجعتها، بالإضافة إلى الإشراف على طلبة الدكتوراه والماجستير وطلبة البكالوريوس. مساعدة طلاب الدكتوراه في مشاريعهم البحثية.

#### الشهادات الدراسية:

2017: شهادة دكتوراه في الهندسة الكيماوية، جامعة برمنكهام، بريطانيا  
2007: شهادة ماجستير في الهندسة الكيماوية، جامعة النهرين، بغداد، عراق.  
2005: شهادة بكالوريوس في الهندسة الكيماوية، جامعة النهرين، بغداد، عراق

#### الجوائز والتكريم الأكاديمي

- تم اختيارها من ضمن قائمة أفضل 2% من علماء العالم بموجب قائمة جامعة ستانفورد الامريكية 2023
- حاصلة على جائزة أفضل بحث علمي من جامعة برمنكهام، بريطانيا
- حاصلة على العديد من الدروع والجوائز والاسومة العلمية ومن مختلف دول العالم اخرها (الجوائز -درع ووسام الجامعة الأردنية/درع جامعة أسيوط، درع جامعة عين شمس، درع جامعة القادسية، درع الجامعة المستنصرية، درع الابداع والتميز في مؤتمر جامعة الامام الكاظم، درع الابداع والتميز في مؤتمر جامعة بابل، جائزة افضل بحث عن جائحة كورونا، درع الابداع والتميز في مؤتمر الهندسة والتقنيات المتقدمة، درع التميز من جمعية نبضة للهندسة الطبية للمساهمات في خدمة المجتمع، درع من منظمة التقى للأيتام، للمساهمة في خدمة المجتمع، درع مؤتمر الطب بعين هندسية، جائزة افضل باحث في مؤتمر الدراسات العليا في بريطانيا... والعديد غيرها

#### الخبرة الأكاديمية والتدريس:

- 2019-الوقت الحالي: مديرة شعبة البعثات ولعلاقات الثقافية الجامعة المستنصرية، كلية الهندسة
- 2017-الوقت الحالي: تدريسية في الجامعة المستنصرية، كلية الهندسة، قسم هندسة البيئة، العراق.
- 2012 - الوقت الحالي: مدرس تشريفي في كلية الهندسة جامعة برمنكهام، بريطانيا.
- 2008-2011: تدريسية في الجامعة المستنصرية، كلية الهندسة، قسم هندسة البيئة، العراق.

#### المقررات الدراسية التي تم تدريسها:

الدراسات الأولية	الدراسات العليا
جريان موائع	ميكانيك جريان موائع متقدم
انتقال كتلة	الاشرف على طلبة الدراسات العليا
انتقال حرارة	هيدروليك
ماتلاب	الجران في القنوات المفتوحة
نمذجة	وعي وثقافة بيئية

الأستاذ المساعد الدكتور  
عنازة جواد الخليلي

الأستاذ المساعد الدكتور  
داود عيسى ساجست  
رئيس قسم هندسة البيئة



## الأنتساب المهني او الجمعيات:

- 2021- الآن: محرر ضيف ، إجراء مؤتمر AIP ، ICEAT 2022 ، اسطنبول ، تركيا .  
- 2021 • حتى الآن: محرر ، مجلة تكريت للعلوم الهندسية ، العراق  
- 2019- حتى الآن: الرئيس المشارك والباحث عن جمعية نبدا للهندسة الطبية ، العراق.  
- 2022: 2019 • محرر ضيف للعدد الخاص ICEAT 2020 : ، مجلة البحوث الهندسية (JER) ، الكويت.  
- 2019-2020: 2019 • محرر ضيف للعدد الخاص ICEAT 2020 : ، سلسلة مؤتمرات IOP علوم وهندسة المواد ، المملكة المتحدة.  
- 2018 • حتى الآن: محرر ، مجلة الهندسة والتنمية المستدامة ، الجامعة المستنصرية ، العراق.  
- 2018 • حتى الآن: محكم في المجلة الدولية للهندسة  
- 2012- الوقت الحالي: عضوة فعالة مساهمة في مؤسسة الهندسة الكيماوية IChemE، منظمة عالمية معتمدة تضم أكبر خبراء الهندسة الكيماوية، المملكة المتحدة.  
2020: رئيس المنتدى الدولي للبيئة وتغير المناخ (IFECC) ، السويد.  
- 2019- الوقت الحالي: عضو مجلس إدارة جمعية نبضة للهندسة الطبية، العراق  
- 2019-: عضو هيئة تحرير العدد الخاص بمجلة IOP البريطانية للعدد الخاص بالمؤتمر الدولي للهندسة والتقنيات المتقدمة، مصر  
- 2018- الوقت الحالي: عضو هيئة تحرير مجلة الهندسة والتنمية المستدامة، الجامعة المستنصرية، العراق.  
- 2018- الوقت الحالي: مقيم بالعديد من المجالات العالمية  
- 2018- الوقت الحالي: عضو في جمعية المرأة العراقية (IQS) ، العراق.  
- 2015 – الوقت الحالي: عضو مشارك (AMICHEM) في معهد الهندسة الكيماوية (ICHEM) ، المملكة المتحدة  
- 2015- الوقت الحالي: عضوة فعالة في مؤسسة الهندسة الكيماوية ، المملكة المتحدة  
- 2015- الوقت الحالي: عضوة في جمعية الكندي الهندسية ، المملكة المتحدة  
- 2014- الوقت الحالي: عضوة في الجمعية الهندسية النسائية (ويس)، المملكة المتحدة  
- 2013 - 2015: عضوة في اللجنة المنظمة لمؤتمرات الدراسات العليا في جامعة برمنكهام، المملكة المتحدة  
- 2013 - حتى الآن: عضو في Mind health ، الجمعية الخيرية للصحة العقلية ، من أجل صحة نفسية أفضل ، جمعية خيرية في إنجلترا (رقم 219830) وشركة مسجلة (رقم 424348) في إنجلترا وويلز المملكة المتحدة  
- 2012 - الوقت الحالي: عضوة في الجمعية البريطانية للريولوجيا، المملكة المتحدة  
- 2009 - الوقت الحالي: مساعد رئيس تحرير، المجلة الدولية للدراسات البيئية، جامعة سوهاج  
- 2006 - الآن: عضو نقابة المهندسين في العراق.  
بعض الاعمال التطوعية المشارك بها

- 2019- الوقت الحالي: المساهمة في العمل التطوعي مع جمعية نبضة للهندسة الطبية لخدمة المجتمع واسناد الفرق الطبية والإنسانية والتوعوية وتوفير المستلزمات الأساسية لدور المسنين والمعاقين بالإضافة للفرق التوعوية من خطر الجائحة  
- 2017-2011: ممثلة شؤون الطلبة العراقيين في جامعة برمنكهام ومسؤولة التواصل الاجتماعية بين الطلبة العراقيين.  
- 2017-2012: العمل كمتطوعة في يوم الصحة العالمي في جامعة برمنكهام  
- 2014: العمل كمتطوعة بمساعدة الطلبة الدوليين وتمثيلهم داخل جامعه برمنكهام، بريطانيا  
بالإضافة لذلك **أثناء فترة جائحة كورونا covid 19** وفي ظل الظروف الراهنة الاستثنائية الذي يمر به بلدنا والعالم بسبب اجتياح جائحة كورونا العالم واستكمالاً لمسيرة الحياة في بلدنا العزيز رغم الظروف الراهنة ولخدمنا مجتمعنا تمت الاستجابة المباشرة لتوجيهات الكلية والجامعة والوزارة وساهمت بالعديد من النشاطات لخدمة المجتمع خلال هذه الفترة من خدمات طبية وإنسانية وعلمية وتوعوية أيضاً بالإضافة الى الاسهام بالبحث العلمي والعمل الدؤوب لإيجاد حلول حديثة للوقاية من الفيروس وطرق تعقيم حديثة ممكن استخدامها على المدى البعيد وكذلك نشر دراسات حديثة عن أحدث أنواع اللقاحات والمقارنة بينها وبالاشتراك مع فريق علمي عالمي من بريطانيا مما يصب في خدمة للمجتمع للتخلص من هذا الوباء الخطير وإيجاد الحلول للحد من انتشاره وارفق لحضرتكم موجز عن بعض اعمالنا أثناء فترة الجائحة.

## المنشورات العلمية

- الكثير من النتاجات العلمية والفكرية والمشاركة بالعديد من المؤتمرات الدولية والمحلية  
أ- أكثر من 90 بحث علمي منشور منها 44 بحثاً علمياً منشوراً في مستوعبات سكوبس وكلاريفيت (9 ربيع اول – 7 ربيع ثاني - 23 ربيع ثالث ---  
وعدة بحث ربيع الرابع) أكثر من 30 بحث مع باحثين أجانب من 20 دولة  
ب- عمل دراسات مختلفة من ضمنها دراسة عن تلوث الهواء داخل الجامعة، ودراسة عن مخاطر الكوارث والحد منها  
ت- الاشراف على طلبة الدراسات العليا والاولية.  
ث- التعاون مع فرق بحثية من اكثر من 20 دولة ونشر البحوث العلمية المشتركة والتي تقع ضمن الربع الأول Q1

الأستاذ المساعد الدكتور  
داود عيسى ساجست  
رئيس قسم هندسة نيبية

الأستاذ المساعد الدكتور  
داود عيسى ساجست  
رئيس قسم هندسة نيبية



## تطوير المهارات:

- حاصلة على أكثر من 300 شهادة شكر وتقدير من وزير التعليم العالي والبحث العلمي ، رئيس الجامعة المستنصرية ، عميد كلية الهندسة الجامعة المستنصرية بالإضافة الى شهادات شكر وشهادة تقديرية ودروع وجوائز من الجامعات والمؤسسات الأخرى.
- المساهمة بعمل المؤتمرات العلمية العالمية أكثر من 15 مؤتمرا علميا وبالإشتراك مع جامعه برمنكهام البريطانية وجامعة كيب الوطنيه وجامعة أسيوط والأردن وجامعة حجة تبة لعمل تعاون علمي معهم لرفع تصنيف الكلية والجامعة.
- المشاركة بالعديد من الندوات والدورات وورش العمل في دول مختلفة ( أكثر من 500 ندوة وورشة ودورة)

الأستاذ المساعد الدكتور  
عناوة جبالديناوي

الأستاذ المساعد الدكتور  
داود عيسى ساجست  
رئيس قسم هندسة البيئة

