

Faculty Vitae

1. Name.

Huda mohammed Selman

2. Education: degree, discipline, institution, year.

PhD. Environmental engineering. Baghdad university.2019

3. Academic experience: institution, rank, title (chair, coordinator, etc. if appropriate), when (ex. 2015-2017), full time or part time.

Al-muthanna university.2011-2015 full time as lecturer (water and sanitary engineering ,Hydrology, geology, water resources, Industrial pollution, principal of computer and fluid mechanics)

2015-2019 studying PhD (part time)

2019-2023 as lecturer

4. Non-academic experience: company or entity, title, brief description of position, when (ex. 2005-2007), full time or part time.

Consultations in water and sewage treatment plants and environmental impact reports.

5. Certifications or professional registrations.

Certificates from national and international conferences.

6. Current membership in professional organizations.

Member of the Iraqi Engineers Syndicate

7. Honors and awards.

Letters of thanks and appreciation from the Dean of the College and from the Minister of Higher Education and Scientific Research.

8. Service activities (within and outside of the institution).

9. Briefly list the most important publications and presentations from the past five years: title, co-authors (if any), where published and/or presented, date of publication or presentation.

- Extraction of lead ions from aqueous solution by co-stabilization mechanisms of magnetic Fe₂O₃ particles and nonionic surfactants in emulsion liquid membrane (<https://doi.org/10.1016/j.colsurfa.2019.02.018>)
- Liquid surfactant membrane for lead separation from aqueous solution: Studies on emulsion stability and extraction efficiency (<https://doi.org/10.1016/j.jece.2018.10.021>).
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- A Laboratory Investigation To Remove The Responsible For Clogging In Filtration Process (<https://doi.org/10.1016/j.eti.2020.101345>)
- Removal of Copper Ions from Aqueous Solution Using Liquid Surfactant Membrane Technique DOI: 10.5772/intechopen.95093 ,2021
- Heavy Metal Pollution from Hospital Waste Incinerators: A Case Study from Al-Muthanna Province, Iraq(DOI:10.1088/1757-899X/1090/1/012036, 2021)
- Properties of concrete containing municipal sludge of wastewater treatment plant (<https://doi.org/10.1063/5.0135992>)

10. Briefly list the most recent professional development activities.