

Academic Curriculum Vitae

Walaa A. Abd AL-rada

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Personal Information

- Name: Walaa A. Abd Alrada
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- Affiliation: Department of Chemistry, College of Science, Mustansiriyah University, Baghdad, Iraq

Education

- M.Sc. in Chemistry, College of Education Ibn Al-Haytham, 2022.
- Thesis Title: Spectrophotometric Study for the Determination of Metoclopramide Hydrochloride and Carvedilol Hydrochloride Drugs in Pure and Pharmaceutical Preparation.
- B.Sc. in Chemistry, College of Education Ibn Al-Haytham, Baghdad, Iraq, 2014.

Academic Experience

- Assistant Lecturer at Al-Esraa University (2020–2022).
- Lecturer at Mustansiriyah University (2023–Present).

Courses Taught

- General Chemistry
- Practical Chemistry
- Theoretical Chemistry for First-Year Students

Published Research

- Determination of Metoclopramide Hydrochloride by Spectrophotometric Method Using Diazotized p-Nitroaniline Reagent – International Journal of Drug Delivery Technology (2020).
- Automated Chemical Equation Balancing Using the Apriori Algorithm – Journal La Multiapp, Vol. 4, Issue 3 (2023).

- Advanced Machine Learning for Automated Chemical Reaction Balancing: A Systematic Review – AIP Conference Proceedings (2024).
- Development and Validation of a Green DLLME-Spectrophotometric Method for Simultaneous Determination of Loratadine and Desloratadine – Results in Chemistry (2025).
- Sustainable Green Spectrophotometric Determination of Bisoprolol and Amlodipine via Diazotization–Coupling Approach in Pharmaceutical and Biological Matrices – Results in Chemistry (2026).

Skills

- Spectrophotometric Analysis
- Analytical Chemistry
- Scientific Research Writing
- Laboratory and Statistical Software
- Theoretical and Practical Teaching

Languages

- Arabic
- English