

# Academic Curriculum Vitae



## Personal Information:

Full Name: **Aveen Faidhalla Jalal**

Academic Title: **Lecturer**

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## Education:

- 2019-2023: (Ph.D in Analytical Chemistry). The title of the thesis is (Synthesis and Characterization of New Modified Magnetized Nanomaterials and Macrocyclic Compound to Remove Some Cationic Dyes in Textile Fiber Samples.). Department of Chemistry, College of Education, University of Salahaddin-Erbil.
- 2008-2011: (M.Sc. in Analytical Chemistry). Department of Chemistry, College of Education, University of Salahaddin-Erbil.
- 2001-2005: (B.Sc. in Chemistry). Department of Chemistry, College of Education, University of Salahaddin-Erbil.

## Employment:

- 2023 Lecturer of Analytical Chemistry, Department of Chemistry, College of Education/ University of Salahaddin-Erbil.
- 2012 Assist. Lecturer of Analytical Chemistry, Department of Chemistry, College of Education/ University of Salahaddin-Erbil.
- Supervised fourth year under graduation projects.
- 2005-2008 Assist. Chemist, Department of Chemistry, College of Education/ University of Salahaddin-Erbil.

## Qualifications

- Teaching Method course-Salahaddin University.
- IT qualifications: Operating systems (All windows versions) Microsoft Office Packet (2003, 2007, 2010 & so on).
- Language qualifications: IELTS (Overall Band Score 5.5) and Language and Translation Center/University of Salahaddin-Erbil.

## Teaching experience:

- Analytical Chemistry.

## Research and publications

- New ion-imprinted polymer for selective removal of Cu<sup>2+</sup> ion in aqueous solution using extracted Aloe vera leaves as a monomer.  
Huda Y. Sharef, **Aveen F. Jalal**, Bnar M. Ibrahim, Nabil A. Fakhre, Ibrahim N. Qader. International Journal of Biological Macromolecules, 2023, Volume 239, 124318. <https://doi.org/10.1016/j.ijbiomac.2023.124318>.
- Removal of dyes (BG, MG, and SA) from aqueous solution using a novel adsorbent macrocyclic compound.  
Aveen F. Jalal and Nabil A. Fakhre. PLoS ONE 17(10): e0275330. <https://doi.org/10.1371/journal.pone.0275330>.
- Removal of dyes from aqueous solution using Bis [Hg (2-Apt)]-modified Fe<sub>3</sub>O<sub>4</sub> magnetic nanoparticles  
**AF Jalal**, NA Fakhre. 2022, DESALINATION AND WATER TREATMENT 278, 226-238. [Doi: 10.5004/dwt.2022.29050](https://doi.org/10.5004/dwt.2022.29050).
- Removal of lead ions from aqueous solutions by modified cellulose.  
Bnar M. Ibrahim, Nabil A. Fakhre, Moayyed G. Jalhoom, Ibrahim Nazem Qader, Huda Y. Shareef & **Aveen F. Jalal**. 2022, Environmental Technology. <https://doi.org/10.1080/09593330.2022.2056086>.
- Preparation and Characterization of Green Fe<sub>3</sub>O<sub>4</sub> Nanoparticle Using the Aqueous Plant Extract of Gundelia Tournefortii L.  
**Jalal, Aveen F.** and Fakhre, Nabil A. (2021). ARO-THE SCIENTIFIC JOURNAL OF KOYA UNIVERSITY, 9 (2). pp. 58-63. ISSN 2410-9355. <http://dx.doi.org/10.14500/aro.10843>.
- Determination of Some Heavy Metals in Environment of Bakery and Samoon Furnaces at Erbil City, Kurdistan Region, Iraq.

Hawraz Sami Khalid, **Aveen Faidhalla Jalal**, Khaled Wale Khdr, Maylan Omar Ahmad. ZJPAS (2020), 32(3); 176-186. <http://dx.doi.org/10.21271/ZJPAS.32.3.18>

- Estimation of Some Metals in Children's Colorful Modeling Clay Sold in the Markets of Erbil City, Kurdistan Region, Iraq.  
**Aveen Faidhalla Jalal**, Hawraz Sami Khalid, Iman Tayib Yasin, Mhabat Rashid Xanamir. ZJPAS (2020), 32(5); 134-145. <http://dx.doi.org/10.21271/ZJPAS.32.5.13>.
- Essential Constituents of Truffle in Kurdistan Region.  
Pshtiwan Abdullah Yousif, **Aveen Faidhalla Jalal**, Kaeuis Aziz Faraj. ZJPAS (2020), 32(5); 158-166. <http://dx.doi.org/10.21271/ZJPAS.32.5.15>.
- Determination of Nitrite in Meat by Azo Dye Formation.  
Tamathir Abbas Hamoudi, **Aveen Faidhalla Jalal** and Nabil Adel Fakhre. Sys Rev Pharm 2020; 11(6): 535 542. <http://dx.doi.org/10.5530/srp.2019.2.04>.
- Evaluation of antioxidant activity, phenolic, flavonoid and ascorbic acid contents of three edible plants from Erbil/Kurdistan  
Gulzar Ismeal Ibrahim, **Aveen Faidhalla Jalal**, and Banar Mahmed Ibrahim. Tikrit Journal of Pure Science 18 (3) 2013, ISSN: 1813 – 1662.
- Optimization of Chitin Extraction from Chicken Feet.  
**Aveen Faidhalla Jalal**, Chinar Mohammed Rasheed and Bnar Mahmud Ibrahim. J Anal Bioanal Techniques 2012, 3:5. <http://dx.doi.org/10.4172/2155-9872.1000145>

## Conferences and courses attended

- International Conference and Exhibition for Science (ICES2023), held in Riyadh, Saudi Arabia, on February 06-08, 2023, New Ion-Imprinted Polymer for Selective Separation of Cu (II) Ion in Real Samples using Extracted Olivera Leaves as a Monomer
- International Conference on applied chemistry and biotechnology, held in AL Salt, Jordon, on May 10-12, 2022, Removal of Dyes from Aqueous Solution Using a Novel Adsorbent Macrocyclic Compound.

## Funding and academic awards

## Professional memberships

- Chemistry Syndicate: 2006.
- Kurdistan Teaching Union: 2015.
- Salahaddin University- Culture Center: 2015.

## Professional Social Network Accounts:

- **Academic Profile:** <https://academics.su.edu.krd/aveen.jalal>.
- **LinkedIn:** <https://www.linkedin.com/in/aveen-faidhalla-83284a127/>.
- **ORCID ID:** <https://orcid.org/0000-0001-7938-7575>.
- **Research gate:** <https://www.researchgate.net/profile/Aveen-Jalal-2>.
- **Scholar Account:**  
[https://scholar.google.com/citations?user=cBJMy\\_oAAAAJ&hl=ar](https://scholar.google.com/citations?user=cBJMy_oAAAAJ&hl=ar).