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**Academic Curriculum Vitae**

**Personal Information**  

Full Name: Lawen Abdulstar Esmail

Academic Title: lecture

Email: lawen.esmail@su.edu.krd

Mobile: +9647504556581

**Education:**

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| From- To | Degree | College-University | Country |
| 2020 - 2023 | PhD in Analytical Chemistry, Department of Chemistry | College of Science- University of Salahaddin | Iraq |
| 2007-2009 | M. Sc. in physical Chemistry, Department of Chemistry | College of Science- University of Salahaddin | Iraq |
| 2000-2004 | B.Sc. Chemistry, Department of Chemistry, | College of Science- University of Salahaddin | Iraq |

**Employment:**

*Assignments and Posts:*

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| From- To | Post | Department -College | University |
| 2023-to date | Lecture | Chemistry Department-College of Science | Salahaddin University |
| 2010-2022 | Assistant Lecture | Chemistry Department-College of Science | Salahaddin University |
| 2004-2007 | Reporter in Chemistry  Department | Chemistry Department-College of Science | Salahaddin University |

**Teaching experience:**

1. *Teaching Activities*

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| From- To | Subject | Stage-College | University |
| 2023 to date | Instrumental Analysis | 4rd- year students / Chemistry Department-College of Science | Salahaddin University |
| 2022 to 2023 | General chemistry | 2nd- year students/physical Department | Salahaddin University |
| 2015-2022 | Physical chemistry | 3rd- year students / Chemistry Department-College of Science | Salahaddin University |
| 2010-2015 | physical Chemistry | 2nd- year students/Chemistry Department | salahaddin University |

**Research and publications**

Published articles, papers and researches:

* + - 1. ADSORPTION- DESORPTION FOR SOME HEAVY METALS IN THE PRESENCE OF SURFACTANT ON SIX AGRICULTURAL SOILS.( international **Journal** of Recent Research and Applied Studies (**IJRRAS**) Vol.(12) No. (3) 2012).
      2. Kinetic studies of bioethanol production from wheat straw. (ZANCO Journal of Pure and Applied Sciences. (ZJPAS) Vol.( 28) No.(3) 2016).
      3. Effect of storage temperature and sunlight exposure on the physicochemical properties of bottled water in Kurdistan region-Iraq.( J. Appl. Sci. Environ. Manage. Vol. 15 No.(1) 2011).
      4. Violuric acid carbon dots as a highly fluorescence probe for ultrasensitive determination of Zn (II) in tomato paste.( Food Chemistry. Vol(413).2023).

**5.** Small carbon dots from Crocus cancellatus as a highly fluorescence probe for synthetic Ponceau 4R dye sensing in food samples. (Diamond & Related Materials 139 (2023) 110334).

**6**. Encapsulation of amaranth CDs at ZIF-7 MOFs as a novel adsorbent for ultrasonic-assisted dispersive nano-solid-phase microextraction and ultrasensitive determination of allura red in food samples.( Microchemical Journal 195 (2023) 109474).

**7**-Synthesis of a new carbon dot magnetic nanocomposite (CDs@Fe3O4) from Crocus Cancellatus: Characterization and its photocatalytic degradation of fluorescein dye.( Inorganic Chemistry Communications 159 (2024) 111823).

**Conferences and courses attended**

1-Training workshop on bologna process Organized by college of engineering, salahadin university- erbil on 3th-4th, November ,2019.

2-Organized committee of 6th International Conference and Workshop on Basic and Applied Sciences (6thICOWOBAS, 18th – 19th March 2017.

3-International Workshop Advanced Analytical instruments in chemistry and physics, august 24th-26th august ,2019.

**Professional memberships**

* From 2004 to date member in Kurdistan chemistry syndicate

**Professional Social Network Accounts:**

**ORCID ID**: https: https://orcid.org/0000-0002-7190-7131

**Academic Profile:** https://academics.su.edu.krd/lawen.esmail/

**LinkedIn:** https://www.linkedin.com/in/lawen-abdulsatar-781339122/

**Scholar Account:** <https://scholar.google.com/citations?hl=en&user=d4yS41wAAAAJ&view_op=list_works&gmla=AJsN> F5BqMwKNZRZH0tYHrUwcz3yQTXDSRzTZrGbJgKHt8F3IJLjmCFcEPlCRxS7UJmm\_c4I0MDIAhgupguv7ykhgPrlTdZ6Odnuj9pLMwvHNQ\_tSBefUNg

Research gate: https://www.researchgate.net/profile/Lawen-Esmail