

# Dr. Esraa Khamis Abdullah

PhD in Analytical Chemistry | Lecturer

Wasit University – College of Science, Department of Chemistry

## Professional Profile

Analytical Chemistry lecturer at Wasit University with extensive experience in university teaching and laboratory work. Specialized in separation techniques, electrochemical methods, nanomaterial synthesis, and molecularly imprinted polymers (MIP). Actively involved in academic committees, scientific activities, and community engagement, with strong instrumental and computer skills.

## Academic Qualifications

- PhD in Analytical Chemistry – Wasit University
- MSc in Analytical Chemistry – Wasit University (Appointed 2023)
- BSc in Chemistry – Wasit University

## Academic Employment

- External Lecturer, College of Science, Wasit University (2013–2019)
- Contract Lecturer, Wasit University (2019–2023)
- Lecturer (MSc Holder), Wasit University (2023–Present)

## Teaching Experience

- College of Science – Wasit University
- Faculty of Basic Education
- Department of Physics
- Department of Education for Pure Sciences

## Laboratory Experience

- Analytical Chemistry Laboratory
- Physical Chemistry Laboratory
- Organic Chemistry Laboratory
- Inorganic Chemistry Laboratory
- Life Sciences Laboratory
- Diagnostic Chemistry Laboratory
- Harmonic and Mechanical Analysis Laboratories

## Research Interests

- Separation Techniques
- Electrochemical Methods
- Nanomaterials Preparation
- Molecularly Imprinted Polymers (MIP)
- Green Analytical Chemistry

## Publications

Three research articles published in international Scopus-indexed journals (Q1): Two as first author and one as second author.

## Laboratory & Technical Skills

- HPLC
- FTIR
- UV–Visible Spectrophotometry

- Operation of advanced laboratory instruments
- Computer and data analysis skills

#### Languages

- Arabic – Native
- English – Very Good
- Persian – Very Good

#### Workshops & Seminars

- Workshop: Green Chemistry
- Seminar: Digital Violence Against Women

#### Committees & Memberships

- Women Empowerment Unit
- Educational Guidance Unit
- Annual Academic Performance Evaluation Committee
- Laboratory Equipment Calibration Committee
- SIS Program Committee
- Examination Committee
- Student Affairs Committee