

## Personal Information

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Academic degree: **Lecturer**  
 Birth Date & Place: February, 14, 1968 – Iraq  
 Nationality: Iraqi  
 Marital Status: Married  
 Mobile: Iraq\+964 7707899500  
 Email: [muwafaq8@uodiyala.edu.iq](mailto:muwafaq8@uodiyala.edu.iq) // [muwafaq68@gmail.com](mailto:muwafaq68@gmail.com)  
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Postal address: College of Engineering, Daiyla University, New Baqubah City, Daiyla  
 Provence, ZIP 32001, Iraq.

## Professional Strength and Skills:

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- J Design and Implementation of pilot systems in field of Chemical and Electrochemical Industries.
- J Research & Design Chemical Systems Equipment, Cells, Electrodes, materials Selection.
- J Electroplating, electrodeposition & Metal Powder Preparation by electrochemical techniques.
- J Theoretical knowledge in most subject of chemical engineering such as, heat transfer, fluid flow, thermodynamics, Analytical Chemistry, mathematics.
- J Non-thermal plasms in activate CO<sub>2</sub> reaction in aqueous ammonia solution.

## Educational Qualifications

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- J **M.Sc.** Chemical Engineering 2000-2003 University of Technology – Baghdad -Iraq. (English Curriculum).
- J **B.Sc.** Chemical Engineering 1989 -1993 University of Technology– Baghdad- Iraq. (English Curriculum)
- J **PhD** Chemical Engineering, Fluid flow (2021) / The University of Sheffield / UK

## Memberships and Academic positions

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- J Chemical Engineer 1993-1999
- J Graduate Student to Master Degree 2000 - 2003
- J Head of the electro-chemical techniques Department in Ibn-Sina company / Ministry of Industrial and Mining 2004-2005
- J Moving into the Ministry of Higher Education &Scientific Research 2006
- J Academic member in college of engineering as an assistant lecturer 2006-2009
- J An official of R & D Division in College of Engineering 2010 – 2011
- J Under graduate coordinator of Civil Engineering Department 2011- 2012
- J Under graduate coordinator of chemical engineering Department 2012- 2014
- J Getting PhD in University of Sheffield, UK, 2015-2021
- J Academic member in college of engineering as an assistant lecturer 2021-2022
- J An official of Scholarships and Cultural Relations in College of Engineering 2022

## Training and Courses

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- J Computer Programming Course - Two weeks in Programming Centre– University of Diyala – Iraq - 2006.
- J Methods of Teaching Course for one month in College of Education – Diyala University – Iraq - 2006.
- J English Language Certificate - International English Testing system-British Council – Iraq - 2013.
- J English language courses (2015) // ELTC – The University of Sheffield.
- J English Language Certification (2015) // ELTC – The University of Sheffield.
- J A number of courses at The University of Sheffield related with the Engineering skills.

## Languages

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- J English: reading, writing and speaking (good).
- J Arabic: (native speakers)

## Employment History (Academic & Technical)

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### Diyala University – College of Engineering

(Since 2006 – 2021)

Location: Diyala – Iraq

Position: Teaching member in Chemical Engineering Department

Department. Academic degree: Lecturer.

Description: Teaching Mathematics, Pollution of Environment and, Thermodynamics, Unit Operation, and Natural gas processing.

### Ministry of Industrial and Mining – Ibin Sena (General State) (1993 – 2006)

Location: Baghdad – Iraq

Position: Assist. Chief Chemical Engineer

Description: Working in the Department of Electrochemical Industries for Research and Development.

## Published Research Papers

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No	Title of research	Journal name	Publisher	ISSN
1	Effect of temperature on lubricating oil and poly (Methyl Metacrylate) additive	Diyala Journal of Engineering Science,	Vol.1, No. 05 (2012)	1999-8716
2	Experimental study of Zinc powder preparation by electrochemical method	Diyala Journal of Engineering Science	Vol. 07, No. 02, pp. 1-15, June 2014	1999-8716

*Muwafaq M. Abd*  
*Chemical Engineering Department*  
*College of Engineering*  
*University Of Diyala*