Curriculum Vitae _ Mohammed Hamzah Msaed

Objective

To earn a position of responsibility in the fields of Chemical Engineering (Reactor design, petrochemicals processes and principles of chemical engineering) that enables me to utilize my skills and theoretical expertise to serve university teaching and working.

Personal Information

Full name:	Mohammed Hamzah Msaed
Academic degree:	**Lecturer**
Birth Date & Place:	April , 4 , 1978 – Iraq
Nationality:	Iraqi
Marital Status:	Married – Three children
Mobile:	Iraq\00964 7719679137
Email:	moh.petro_78@yahoo.com
Postal address:	College of Engineering, Diyala University, Baquba City, Diyala Governorate, Iraq.

Professional Strength and Skills

- Effective in silica production, especially fumed silica.
- Theoretical knowledge in most subject of chemical engineering such as mass transfer, heat transfer, fluid flow, thermodynamics, rector design, mathematics, petrochemicals and petroleum properties.

Educational Qualifications

- **Ph. D.** Chemical Engineering 2015-2021 College of Engineering – Sheffield University- United Kingdom.
- **Ms. C.** Chemical Engineering 2000-2004 College of Engineering – Baghdad University-Iraq.
- **B.Sc.** Chemical Engineering 1997-2000 College of Engineering – Baghdad University-Iraq.

Memberships and Academic positions

- Member of Iraqi Engineers Union (IEU) since 2007 till now.
- Coordinator – Chemistry Department - College of Science – Diyala University 2009 - 2011.
- Coordinator of Postgraduate – Chemical Engineering Department - College of Engineering – Diyala University 2021 till now.

Training and Courses

- Training course for one month in Reading University – United Kingdom - 2011.
- English Language Workshop in College of Engineering – Salah Al-Dean University – Iraq - 2013.
- Methods of Teaching Course for one month in College of Education– Diyala University – Iraq - 2006.

Languages

- English: Written and spoken (moderate with 4.5 ILTS).
- Arabic: Mother tongue.

Employment History (Academic & Technical)

Diyala University – College of Engineering **(2011 – till now)**

Location: Diyala – Iraq

Position: Lecturer in Chemical Engineering Department.

Academic degree: Lecturer .

Description: Teaching Mathematics (Engineering Calculus I) for the first stages, petroleum properties for the second stage.

Diyala University – College of Science **(2007 – 2011)**

Location: Diyala – Iraq

Position: Lecturer in Chemistry Science Department.

Academic degree: Ass. Lecturer.

Description: Teaching Mathematics (Engineering Calculus II) for the second stage, petroleum and Polymer Science for fourth stage.

Published Research Papers

No	Title of research	Journal name	Publisher	ISSN
1	Preparation of fumed silica using tetraethyl ortho silicate/ Effect of reaction temperature on its physical properties.	Diyala Journal for pure Sciences Vol: 7 No: 3, July 2011	Published by Diyala University, College of Science, Iraq.	2222-8373
2	Study the Chemical and Physical properties for Raw and Clean water of Baladruze city.	Diyala Journal for Engineering Sciences, Vol: 5 No: 1, pp. 138–146, July 2012	Published by Diyala University, College of Engineering, Iraq.	1999 – 8716

Conferences

No	Conference	Paper title	Proceeding or journal name
1	Second Scientific Conference, College of Sciences, Diyala University, College of Sciences, Iraq, April 19 -20, 2011.	Preparation of fumed silica using tetraethyl ortho silicate/ Effect of reaction temperature on its physical properties.	Diyala Journal for pure Sciences Vol7, No. 3
2	First Iraqi Student Conference, University of Sheffield, UK, 2017	Control of temperature non-uniformity in the small-scale reactors.	Participation only.
3	The 12th EUROPEAN CONGRESS OF CHEMICAL ENGINEERING, Florence University, Italy, 2019.	Control of Temperature Uniformity for Exothermic Liquid Reaction in Structured Passages.	Participation only.