

Curriculum Vitae



A) <u>Personal Details:</u>	
First Name	<i>Mohammed</i>
Second Name	<i>Faiq</i>
Last Name	<i>Mohammed</i>
Surname	<i>AL-Kharkhi</i>
Birth Date	<i>27/08/1977</i>
Place of Birth	<i>AL-Adamiyah – Baghdad – Iraq</i>
Nationality	<i>Iraqi</i>
Gender	<i>Male</i>
Address	<i>H. No. 15 Reg. 102 Lane 57 AL-Jihad Q. Baqubah Diyala Iraq 32001</i>
E-mail	<i>mscchemengmfm1977@gmail.com</i>
Job Title and Position	<i>- Lecturer - Member of Chemical Engineering Department - College of Engineering - University of Diyala.</i>
B) <u>Qualifications (Education):</u>	
1995-1999	<i>B.Sc. in Chemical Engineering from Chemical Engineering Department, College of Engineering, Baghdad University, Baghdad, IRAQ.</i>
1999-2003	<i>M.Sc. in Chemical Engineering from Chemical Engineering Department, College of Engineering, Baghdad University, Baghdad, IRAQ.</i>
The Courses of Master	
The First Course	<i>Mass Transfer , Catalyst, Corrosion, Material Properties</i>
The Second Course	<i>Heat Transfer, Fluid, Thermodynamic, Advanced Mathematics</i>

<i>The Final Project</i>	<i>Thesis with Title: “Gasoline Engine Lubricating Oil Formulation”</i>
<i>2016-2020</i>	<i>PhD in Chemical and Biological Engineering Department, Sheffield University, Sheffield, United Kingdom.</i>
<i>The Final Project</i>	<i>Thesis with Title: “An Electrodynamic, Non-Equilibrium Theory for Transport Phenomena in Hot Microbubble Distillation”</i>
<u>C) Experiences</u>	
<i>Skills & Abilities</i>	<ul style="list-style-type: none"> - <i>Computer Networks (Excellent)</i> - <i>DOS and Windows (95, 98, Win Me, 2000, XP, vista and win7) (Installation and Maintenance) (Excellent)</i> - <i>Maintenance of Computer Hardware (Excellent)</i> - <i>Basic and QBasic (Very Good)</i> - <i>Office (Word, Excel, PowerPoint) (Excellent)</i> - <i>Using Softwares such as MATLAB and COMSOL (Very Good)</i> - <i>Internet (Excellent)</i> - <i>Departmental Management Works (Excellent)</i> - <i>Archive Works (Excellent)</i> - <i>Teaching Various Subjects in Different Engineering Fields (Computers, Chemical, and Physics) (Good)</i> - <i>Working in Team with High Experiences (Good)</i> - <i>Design in the Field of Specialty (Good)</i> - <i>Thinking About New Ideas and Find Suitable Solutions for Difficult Industrial Problems (Very Good)</i> - <i>Experiences for Choosing the Suitable Methods for Solving Different Problems in Mathematics, Chemical, and Physics (Very Good)</i>
<u>D) Languages:</u>	
<i>Native Language</i>	<i>Arabic</i>
<i>Second Language</i>	<i>English (Very Good)</i>
<u>E) Subjects Taught:</u>	
<i>Computers Eng. Dept. 2005-2011</i>	<i>Software Mathematics, Computer Science Principles, Data Structures, Computing Engineering, and Projects of Graduation</i>
<i>Chemical Eng. Dept. 2011-2021</i>	<i>Organic Chemistry, Computer Science Principles, Programming Languages, MATLAB, Process Control I & II, Chemical Engineering Equipment Design, Numerical and Engineering Analysis, and Projects of Graduation.</i>

List of Publications

<u>Year</u>	<u>Journals</u>	<u>Papers</u>
2002-2003	<i>Journal of Chem. Eng. Dept. – University of Baghdad</i>	<u>Two Papers with Titles:</u> 1) “The Viscosity Change of Iraqi Lubricating Oil in Gasoline Engines” 2) “The Examination of Various Additives for Iraqi Lubricating Oil”
2003	<i>Conference of Chem. Eng. Dept. – University of Baghdad</i>	<u>One Paper with Title:</u> 1) “The Study of Different Properties of Iraqi Lubricating Oil in Gasoline Engines”
2012	<i>Diyala Journal of Eng. Sciences – University of Diyala</i>	<u>One Paper with Title:</u> 1) “Effect of Temperature on Lubricating Oil and Poly (Methyl Methacrylate) Additive”.
2015	<i>Diyala Journal of Eng. Sciences – University of Diyala</i>	<u>One Paper with Title:</u> 1) “Solar Water Distillation (Reproduction Fresh Water from Dirty Water)”.
2019	<i>The COMSOL Conference 2019 Cambridge, UK</i>	<u>One Paper with Title:</u> 1) “Electrode-Electrolyte Interface Simulation in Microbubble Distillation: Role of (DDLs) as Electrochemical Cell”.