**C.V**



Photo

**Name: Sawsan Abd Muslim Mohammed Albasri**

**Date of Birth: 07 – 30 - 1960**

**Religion: Muslim**

**Marital statues: Married**

**No. of children: 3**

**Specialization: Chemical Engineering**

**Position: Professor of Chemical Engineering/Faculty of Engineering/University of Baghdad**

**Scientific Degree: Professor**

**Work Address: College of Engineering-University of Baghdad**

**Mobile: +9647902368263**

**E-mail:** sawsan.albasri@fulbrightmail.org

* **First, Scientific Certification:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **College** | **University** | **Degree science** |
| 1981 | Engineering | Baghdad | **B.Sc.** |
| 1996 | Engineering | Baghdad | **M.Sc.** |
| 2006 | Engineering | Baghdad | **Ph.D.** |

|  |  |  |  |
| --- | --- | --- | --- |
| **From -To** | **Workplace** | **Career** | **No.** |
| 1981-1996 | College of Engineering | Asst. engineer | 1 |
| 1996- till now | College of Engineering | Member of teaching staff | 2 |

* **Second, Career:**
* **Third, University Teaching.**

|  |  |  |  |
| --- | --- | --- | --- |
| **From -To** | **The (Institute / College)** | **University** | **No.** |
| 1996-till now | College of Engineering | Baghdad | 1 |

* **Fourth, Courses taught:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Subject** | **Department**  | **No.** |
| 1996-1998 | Physical Chemistry | Chem. Eng. Dept. | 1 |
| 1998-2002 | Environmental Pollution and Industrial Safety  | Chem. Eng. Dept. | 2 |
| 2006-till now | Reactor Design | Chem. Eng. Dept. | 3 |
| 2011- till now nownow | Interfacial Phenomena-PhD | Chem. Eng. Dept. | 4 |
| 1981-1996 | Tutorials in physical chemistry, plant design, engineering drawing, labs of physical chemistry, unit operations, properties of petroleum, properties of engineering materials, control. | Chem. Eng. Dept. | 5 |
| 1996- till now | Supervision of graduation projects of undergraduate students | Chem. Eng. Dept. | 6 |

* **Fifth, Thesis supervision:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Department** | **Thesis Title – M. Sc.** | **No.** |
| 2009 | Chem. Eng. Dept. | Extraction of medicinal compounds from botanicals using bulk liquid membrane in rotating film contactor By Raheeq B. Alsaadi | 1 |
| 2010 | Chem. Eng. Dept. | The Application of Microwave technology in Demulsification of Water-in-Oil Emulsion for Missan oilfields By Mortatha Saadoon Mohammed | 2 |
| 2013 | Chem. Eng. Dept. | Microwave Assisted Demulsification of Crude Oil Emulsions Using Organic Additives and Ionic Liquids ByWatheq Kareem Salih | 3 |
| 2014 | Chem. Eng. Dept. | Treatment of Oilfield Produced Water Using Ionic Liquids in a Dissolved Air Flotation System ByAws Abbas Fadhil | 4 |
| 2015 | Chem. Eng. Dept. | The Effect of Asphaltene on the Stability of Iraqi Water in Crude Oil Emulsion By Sally Duraid Maan | 5 |
| **Year** | **Department** | **Thesis Title – Ph. D.** | **No.** |
| 2015 | Chem. Eng. Dept | Characterization of a flow -by fixed bed electrochemical reactor composed of a vertical stack of screens for the removal of heavy metals from waste waters ByAli Hussain Abbar | 1 |
| 2015 | Chem. Eng. Dept | Extraction of Phenol and substituted Phenols from aqueous solutions using bulk ionic liquid membranes ByMohammed Saadi Hameed | 2 |

* **Sixth, Conferences participation:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Type of Participation** | **Place** | **Year** | **Conferences Title** | **No. ( بحث / بوستر حضور)** |
| Paper | Amman-Jordan | 2014 | **The Seventh Jordan International Chemical Engineering Conference** | 1 |
| Lecture | Beirut - Lebanon | 2011 | **Treatment of produced water** | 2 |
| Lecture | Beirut - Lebanon | 2011 | **Treatment of wastewater** | 3 |

* **Seventh, Scientific Activities:**

|  |  |
| --- | --- |
| **Outside the College** | **Within the College** |
| Iraqi Visiting Fulbright Scholar in US | Iraqi Scholar lecture series **(**IIE) |
| Higher Education Faculty and Staff Training Program in Germany | Seminars committee of undergraduate students |
| Committee with Ministry of Higher Education and Sci. Res. | Seminars committee of postgraduate students |
| Sabbatical leave at Missouri University of Science and Technology |  |

* **Eighth, Research Projects in The Felid of Specialization to The Environment and Society or the Development of Education:**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Research Title** | **Place of Publication** | **Year** |
| 1 | Removal of Phenolic Compounds from Synthesized Produced Water by Emulsion Liquid Membrane Stabilized by the Combination of Surfactant and Ionic Liquid | **Desalination and Water Treatment, Vol.110, pp. 168–179** | **2018** |
| 2 | Cadmium removal from simulated chloride wastewater using a novel flow-by fixed bed electrochemical reactor: Taguchi approach | **Desalination and Water Treatment, Vol. 74, pp. 197-206** | **2017** |
| 3 | Removal of Benzoic Acid from Wastewater by Pickering Emulsion Liquid Membrane Stabilized by Magnetic Fe2O3 Nanoparticles | **Desalination and Water Treatment, Vol. 68, pp. 114–121** | **2017** |
| 4 | Investigating the Performance of ELM Systems in Separating Organic Pollutants from Industrial Wastewater | **Journal of Water Process Engineering, Vol. 13, pp. 79-87** | **2016** |
| 5 | The Effect of Asphaltene on the Stability of Iraqi Water in Crude Oil Emulsions  | **IJCPE, Vol.17 No.2, pp. 37- 45** | **2016** |
| 6 | Extraction of 4-Nitrophenol from Aqueous Solutions Using Bulk ionic Liquid Membranes | **International Journal of Current Engineering and Technology,** **Vol.6, No.2** | **2016** |
| 7 | Extraction of Phenol from Aqueous Solutions Using Bulk ionic Liquid Membranes | **IJCPE, Vol.17 No.1, pp.83- 97** | **2016** |
| 8 | **Electrolytic removal of zinc from simulated chloride wastewaters using a novel flow-by fixed bed electrochemical reactor** | **IJCPE, Vol.16 No.4, pp. 31- 43** | **2015** |
| 9 | **Galvanostatic Removal of Lead from Simulated Chloride Wastewaters using a Flow-by Fixed Bed Electrochemical Cell: Taguchi approach** | **IJSER Vol. 6, Issue 10, October** | **2015** |
| 10 | **Improving Treatment Performance of Dissolved Air Flotation System by Using Ionic Liquids as Surfactants** | **IJCPE, Vol.16 No.2, pp. 31- 37** | **2015** |
| 11 | **“Performance Enhancing of Blended Ionic Liquids as Demulsfiers for Water in Oil Enulsions”** | **The Seventh Jordan International Chemical Engineering (JICHE07) Conference, 4-6 Nov, 2, Amman – Jordan, pp.96-102.** | **2014** |
| 12 | **“Preparation and Characterization electrodeposited Cadmium+ Lead thin films from a diluted chloride solution”** | **J. Electrochem. Sci. Technol. 5(4), 115-127**  | **2014** |
| 13 | **“Microwave Assisted Demulsification of Iraqi Crude Oil Emulsions Using Tri-octyl Methyl Ammonium Chloride (TOMAC) Ionic Liquid"** | **IJCPE, Vol.15 No.3, pp.27-35** | **2014** |
| 14 | **“Characterization and electrochemical preparation of thin films of binary heavy metals (Cu-Pb,Cu-Cd,Cu-Zn)from simulated chloride wastewaters”** | **Int. J. Electrochem. Sci.,Vol. 9 pp.6328 - 6351** | **2014** |
| 15 | **"The Application of Microwave Technology in Demulsification of Water- in-Oil Emulsion for Missan oil fields"** | **IJCPE, Vol 14, No.2.** | **2013** |
| 16 | **"Oily Wastewater Treatment Using Expanded Beds of Activated Carbon and Zeolite** | **IJCPE, Vol.12, No. 1** | **2011** |
| 17 | **“Treatment of a High Strength Acidic Industrial Chemical Wastewater”,** | **J. of Eng., Vol. 17,No.1** | **2011** |
| 18 | **“Hydrodynamic Interaction between Two Spheres in Newtonian and non Newtonian fluids”** | **Journal of Applied Sciences Research, Vol. 7 No. 7** | **2011** |
| 19 | **“Hydrodynamic Study of Bed Expansion in Liquid Solid Fluidized Bed”** | **J. of Eng., Vol. 3,No.16** | **2010** |
| 20 | **“Phosphorus Removal from Water and Wastewater by Chemical Precipitation Using Alum and Calcium Chloride”** | **IJCPE, Vol.13,No.2** | **2009** |
| 21 | **“Extraction of Medicinal Compounds from Botanicals using Bulk Liquid Membrane in Rotating Film Contactor: Recovery of Vinblastine from Catharanthus Roseus”** | **IJCPE, Vol.10, No.3**  | **2009** |
| 22 | **“Interference Drag between Cylindrical Particles in Stokes Flow”**  | **Eng. and Technology J,Vol.27,No.8** | **2009** |
| 23 | **“Drag Forces under Longitudinal Interaction of Two Spheres”** | **IJCPE, Vol.8, No.2** | **2007** |
| 24 | **“Experimental Evaluation of the Virtual Mass of Two Solid Spheres Accelerating in Fluids”** | **Experimental Thermal and Fluid Science, Vol. 31** | **2007** |
| 25 | **“Study of Performance of Air Filters in Public Shelters”**  | **IJCPE, Vol.2, No.1** | **2001** |

 **Ninth, Membership:**

* Scientific Committee in the department
* Examination committee in the department
* Different committees in the department

* **Tenth, Awards and Certificates of Appreciation:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Donor** | **Name of Awards and Certificates** | **No.** |
| 2002 | Dean of College of Engineering | **Award** | 1 |
| 2002 | Dean of College of Engineering | **Award** | 2 |
| 2002 | Dean of College of Engineering | **Award** | 3 |
| 2002 | President of Baghdad University | **Award** | 4 |
| 2003 | Dean of College of Engineering | **Award** | 5 |
| 2009 | President of Koya University | **Award** | 6 |
| 2011 | US department of state | **Certificate (Fulbright Scholarship Program)**  | 7 |
| 2011 | Dean of College of Engineering/Michigan State University | **Award** | 8 |
| 2011 | Dean of College of Engineering | **Award** | 9 |
| 2012 | Dean of College of Engineering/Al-Nahrain Univ. | **Award** | 10 |
| 2012 | State Alumni University | **Certificate (Project Design and Management)** | 11 |
| 2012 | State Alumni University | **Certificate(Debate and Public Speaking)** | 12 |
| 2012 | State Alumni University | **Certificate(Women’s Rights in Iraq)** | 13 |
| 2012 | State Alumni University | **Certificate(Resume Writing and Interviewing Skills)** | 14 |
| 2012 | State Alumni University | **Certificate(How to Apply for Study Abroad, Exchanges and Grants)** | 15 |
| 2012 | State Alumni University | **Certificate(Volunteerism in the US and Iraq)** | 16 |
| 2013 | Dean of College of Engineering | **Award** | 17 |
| 2014 | Minister of Higher Education and Scientific Research | **Award** | 18 |
| 2015 | Dean of College of Engineering | **Award** | 19 |
| 2015 | President of Tikrit University | **Award** | 20 |
| 2016 | President of The University of Baghdad | **Award** | 21 |
| 2017 | President of The University of Baghdad | **Award** | 22 |
| 2017 | Minister of Higher Education and Scientific Research | **Award** | 23 |
| 2017 | Dean of College of Engineering/Al-Nahrain University | **Award** | 24 |
| 2017 | Dean of College of Engineering/University of Baghdad | **Award** | 25 |
| 2017 | Dean of College of Engineering/University of Baghdad | **Award** | 26 |
| 2018 | Dean of University of Babylon | **Award** | 27 |
| 2108 | Head of Building and Construction Department/University of Technology | **Award** | 28 |
| 2018 | Head of Building and Construction Department/University of Technology | **Award** | 29 |
| 2018 | President of The University of Baghdad | **Award** | 30 |

* **Eleventh, languages:**
* Arabic
* English