



## ***Curriculum Vitae***

### **Personal Details:**

**Name:** Jalil Hussein

**Family Name:** Kareem

**Date and Place of Birth:** 12 May 1978- Shaqlawa-Erbil/ Iraq

**Marital Status:** Married, Three children

**Scientific Rank:** Assistant Professor

**Home Address:** Street 120, Kirkuk Road, New Zanko Village, House No.125A, Erbil, Iraq

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02/08/2021 The scientific title of mine became assistant professor in petroleum chemistry.

30-6-2017 Awarded **PhD** in Chemistry (*Petroleum Chemistry*), Department of Chemistry, College of Science and Engineering, University of Leicester, Leicester, Midland, UK.

### **Ph.D. Thesis:**

**Supervisor:** Professor Andrew A. Abbott,

**Title:** Sulfur Extraction from Oil Using Ionic Liquids.

18-06-2008 achieved **M.Sc.** in Chemistry (Petroleum Chemistry), Faculty of Chemistry, Dagestan State University, Makhachkala, South of Russia, Russia.

### **M.Sc. Thesis:**

**Supervisor:** Professor Ramazanov Arsen Shamsutdinovich

**Title:** Converting LPG mixture to Benzene using catalysts and temperature.

28-6-2001 Awarded **B.Sc.** in Chemistry, Department of Chemistry, College of Science, University of Salahaddin/ Erbil, Iraq.

1996-1997 Awarded **Baccalaureate**, Safin Secondary School, Erbil, Iraq.

### **History of Employment:**

1/11/2019 to 10/01/2023 was head of Petroleum Technology Department at Erbil Technology College/ Erbil Polytechnic University.

1/9/2008 to 1/9/2012 was head of department of medical analysis technology.

1/9/2002 to 1/7/2004 was head of Sport unit in the institute.

2/7/2004 to 30/10/2005 was head of Library unit in the Institute.

I was taken part in many committees in the institute during 2002- 2012. During 2008 to 2012, I taught a subject named General Chemistry (first class) and in Erbil Technology Institute I taught students of second class named Petroleum Organic Chemistry in 2017-2018.

From 20<sup>th</sup> of November 2019 to 2<sup>nd</sup> of November 2020, I have worked as head department of Mechanics and Energy department at Erbil Technology Institute at Erbil Polytechnic University (EPU).

Currently, I am Lecturer of Organic chemistry and petroleum chemistry at Petroleum Technology Department at Erbil Technology College in EPU.

### **Publications**

#### A) Papers:

- 1- Ramazanov Arsen Shamsutdinovich, M Gadje and Jalil H. Kareem. *Actual problems of renewable energy resources development*, Makhachkala, Russia, 2008.  
Джалиль Хусейн Карим, АКТУАЛЬНЫЕ ПРОБЛЕМЫ ОСВОЕНИЯ ВОЗОБНОВЛЯЕМЫХ ЭНЕРГОРЕСУРСОВ.
- 2- Andrew P. Abbott, Azhar Y. M. Al-Murshedi, Odeh A.O. Alshammari, Robert C. Harris, Jalil H. Kareem and Idrees B. Qader, Karl S Ryder, *Fluid-Phase-Equilibria*, 2017.
- 3- Kareem, Jalil H., Andrew P. Abbott, and Karl S. Ryder. "Shifting Desulfurization Equilibria in Ionic Liquid–Oil Mixtures." *Energy & Fuels* 33.2 (2019): 1106-1113.
- 4- Ismail, H. K., Alesary, H. F., Al-Murshedi, A. Y., & Kareem, J. H. Ion and solvent transfer of polyaniline films electrodeposited from deep eutectic solvents via EQCM. *Journal of Solid State Electrochemistry*, 23(11), 3107-3121 (2019).

- 5- Idrees Bakr Qader, Jalil H Kareem, Hani K Ismail, Hawbash K Mahmood. "Novel phenolic deep eutectic solvents for desulfurisation of petrodiesel" *Karbala International Journal of Modern Science* 7(1) 12 (2021).
- 6- Kareem, J.H., 2021. Oxidative Desulfurization of Diesel Fuel Using Three Kinds of Carboxylic Acids Supported by Iron (III) Chloride. *Polytechnic Journal*, 11(1), pp.104-111.
- 7- Ismail, H. K., Qader, I. B., Alesary, H. F., Kareem, J. H., & Ballantyne, A. D. (2022). Effect of Graphene Oxide and Temperature on Electrochemical Polymerization of Pyrrole and Its Stability Performance in a Novel Eutectic Solvent (Choline Chloride–Phenol) for Supercapacitor Applications. *ACS omega*, 7(38), 34326-34340.

B) Conference:

1- Talk

Jalil H. Kareem, Andrew P. Abbott and Karl S. Ryder, Extraction and electrocatalytic polymerisation of thiophene from oil using ionic liquids, Leicester University for the 21st meeting of the ELECTROCHEM conference series, 17th-19th August 2016, University of Leicester, Leicester, UK.

2- Poster:

Jalil H. Kareem, A. P. Abbott and K. S. Ryder, Extraction & polymerisation of thiophene in oil using DESs & imidazolium cation, *Midlands Electrochemistry Group Meeting (MEG) 2015*, 22<sup>nd</sup> June 2015, WMG International Digital Laboratory University of Warwick Coventry, University of Warwick, Coventry, UK.