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**Academic Curriculum Vitae**



**Personal Information:**

Full Name: KARZAN KHALEEL HAMEED

Academic Title: Lecturer

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**Education:**

**2000 – 2004**: **BSc. Degree**

Graduated in chemistry department-College of Science at Salahaddin University-Erbil-Iraq

**2006 – 2008:** I worked as assist. Lab. In Chemistry department.

**October 2008 – November 2010**. **Master’s degree** at Salahaddin University –College of Science - Department of Chemistry – Oragnic Lab. In Erbil/Iraq, the titile of thesis; Synthesis and Spectroscopic Studies of Some New 3,4-dihydropyrimidine- 2(1H)-one Derivatives, under supervission prof. Dr. Faiq HS. Hussain

**March 2017 – July 2020 PhD Degree** (PhD student with Split site-scholarship)

Between Salahaddin University –College of Science - Department of Chemistry, and University of Pavia – Department of Chemistry – Organic lab B1

I have spent three years as PhD student/ researcher in Pavia University-Chemistry department (supervisor: Prof. Paolo Quadrelli). The PhD project is focused on the synthesis and study of new organic molecules, with reference to the development of nucleoside as antiviral chemotherapy, and the title of dissertation is *Design and characterization of Heterosubstituted-Cyclopentenones, N-Hydroxy-N-Cycloalkenyl Amides, and Isoxazolidine Nucleoside analogs.*

**Employment:**

* I was an assist. chemist for a year 2005-2006 at Central Laboratory in ministry of health
* **2020 to date** Lecturer (PhD ) at Salahaddin University, college of science, Chemistry department

**Qualifications**

**2007** Computer training

Word, Excel, chemoffice draw-Salahaddin Univerity-Erbil/Iraq

**2011** Teaching methods course

**2013** Chemical safety and security Officer Training, Salahaddin University-sponsored by the United States of dept. of state

**2013** TOT Session on Health and Safety European Technology and Training Center in Erbil/ Iraq, the training course covered: Why Health and Safety important? Risk Asse4ssment, Risk Control, Identifying Hazards, establishing a Safety Policy; Implementing the Safety Policy; Emergency Procedure; Designing a Training Program

**2013** Personal Strategic Planning International Academy for PT and LD

**LANGUAGES**

**Kurdish**  Native langauge

**English** All skills B2

**Italy** All skills B2

**Arabic**  Medium

**Teaching experience:**

* **2011-2012** Soran Technical institute/ nursing department- 1st year- Biochemistry lecturer
* **2012-2013** Salahaddin University/ College of Science/Chem. dept. –3rd year- Practic Organic chemistry lecturer.
* **2013-2015** Salahaddin University/ College of Science/Chem. dept. –2nd year- Practic Organic chemistry lecturer.
* **2014-2015** Hawler Institute private- 1st year-Refinary Dept. - General Chemistry lecturer.
* **2015-2017** Hawler Institute private- 1st year-Refinary Dept. – as **HSE** lecturer.
* **2015-2017** Salahaddin University/ College of Science/Chem. dept. –3rd year- Practic Organic chemistry lecturer.
* **2016-2017** Soran University/ College of Science/Chem. dept. –1st year- **Organic**

**chemistry** lecturer.

Balla school private-grade 10 and 11-high school – as a chemistry teacher.

Salahaddin University/ College of Science/Biology. dept. –1st year- Organic chemistry lecturer.

**2020-2021** Salahaddin University/ College of Science/Chem. dept. –1st year- **safety and chemical hazard** lecturer.

Shqlawa technical college/ MLT dept.- 1st year- **General Chemistry** lecturer.

Rwandz Private Technical Institute/ pharmacy dept- 2nd year- **Pharmaceutical chemistry** lecturer.

Salahaddin University/ College of Education/Biology. dept. –1st year- **General chemistry** lecturer.

**2021-2022** Salahaddin University/ College of Science/Chem. dept. –1st year- **Organic chemistry** lecturer-first semester.

Salahaddin University/ College of Science/Chem. dept. –3rd year- **Organic chemistry** lecturer-second semester.

Paitaxt Technical Institute/ pharmacy dept- 2nd year- **Pharmacognosy** lecturer. Rwandz Private Technical Institute/ pharmacy dept- 2nd year- **Pharmaceutical chemistry** lecturer

**2022-2023** Salahaddin University/ College of Science/Chem. dept. –4th year- **Heterocyclic Compounds** lecturer-first semester.

Salahaddin University/ College of Science/Chem. dept. –2nd year- **Practical** **Organic chemistry** lecturer

**Research and publications**

* Hameed, K.K., Dezaye, A.A., Hussain, F.H., Basile, T., Memeo, M.G. and Quadrelli, P., 2018. Synthesis of 2-heterosubstituted cyclopent-2-en-1-ones: a preliminary study of the strategic design of antiviral compounds. *Organic Chemistry*, (part vii), pp.201-213.
* Hameed, K.K., Amin, A.A., Hussain, F.H., Memeo, M.G., Moiola, M. and Quadrelli, P., 2019. The Easy Approach to N-Hydroxy-N-cycloalkenylamides through Nitrosocarbonyl ENE Reactions to Cycloalkenes: Valuable Compounds for Antiviral Syntheses*. SYNTHESIS-STUTTGART*, 51(6), pp.1383-1390.
* Aljaf, K.K., Amin, A.A., Hussain, F.H. and Quadrelli, P., 2020. DEAE-cellulose-catalyzed synthesis of 5-hydroxy-isoxazolidines and their synthetic uses towards nucleoside analogues. *Organic Chemistry*, (part vi), pp.73-83.
* Aljaf, K.K., Amin, A.A., Hussain, F.H. and Quadrelli, P., 2020. Diethylaminoethyl cellulose (DEAE-C): applications in chromatography and organic synthesis. *ARKIVOC: Journal of Organic Chemistry,* 2020.
* K Hameed, K. and HS Hussain, F., 2018. Ultrasound-Assisted Synthesis of Some New N-(Substituted Carboxylic Acid-2-yl)-6-Methyl-4-Substituted Phenyl-3, 4-Dihydropyrimidine-2 (1H)-One Carboxamides. *Eurasian Journal of Science and Engineering,* 4(2).

**Conferences and courses attended.**

**28-30th June-2017** 4th International Workshop on Pericyclic Reactions and Synthesis of Hetero- and Carbocyclic System-**Milan**/Italy

**23rd june-2017** Design and Synthesis of Two-Proton Responsive Chromophore for uncage reactions-Prof. MANABU ABE from Hiroshima University-Pavia/Italy

**11th October-2017** Organic Chemistry Day in Pavia- Pavia/**Italy**

**11th October-2018** Organic Chemistry Day in Pavia- Pavia/**Italy**

**10th july-2018** Sicurezza e salute nei luoghi di lavoro ai sensi del D.Lgs.81/08: Sicurezza nei laboratori chimici-safey and security in the chemical laboratory-( in italian language)- Pavia

**26 November-2018** New Orientation in Organic synthesis-Milan/ Italy

**16-18th september-2019** 5th Edition of Global Conference on Catalysis, Chemical Engineering and Technology (CAT-2019)- **London/UK**

**16-18th November-2019** XVII Annual Meeting of the Pericyclic Reaction Center-Collegio Fratelli Cairoli-PV-IT

**20-21th Feb. 2020** XIX CINMPIS Days at the University of Pavia-italy

**Funding and academic awards**

**-2017-2018** international collaboration ( PhD student-split site ) at Chimica Organica/Lab B1 in pavia University-italy

**-16-18th september-2019** 5th Edition of Global **Conference** on Catalysis, Chemical Engineering and Technology (CAT-2019)- **London/UK**.

**Professional memberships**

* Royal Society of Chemistry- member
* Kurdistan Chemist’s Syndicate

**Professional Social Network Accounts:**

 [Karzan Khaleel Hameed (researchgate.net)](https://www.researchgate.net/profile/Karzan-Hameed)

Scholar account

[karzan Khaleel | LinkedIn](https://www.linkedin.com/in/karzan-khaleel-9b9b2868/) [karzan Khaleel | LinkedIn](https://www.linkedin.com/in/karzan-khaleel-9b9b2868/)

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