

**Salahaddin University  
College of Science  
Dept. Of chemistry**



<b>Full name</b>	Dr.Hemn Abdulqadr Smail					
<b>Home address( Optional)</b>	Erbil – mhabad.					
<b>Postal Address</b>	College of Science					
<b>E-mail</b>	<a href="mailto:hemn8181@yahoo.co.uk">hemn8181@yahoo.co.uk</a> Or <a href="mailto:heman.smail@su.edu.krd">heman.smail@su.edu.krd</a>					
<b>Tel. No. (Optional)</b>	009647504553777					
<b>Date of birth</b>	01/01/1980	<b>Place of birth</b>	Erbil			
<b>Preparatory graduated from</b>	Karwan Secondary school	Governorate	Erbil	<b>Year</b>	1994 - 1997	
	Azade Preparatory School	Governorate	Erbil	<b>Year</b>	1997 - 2000	
<b>Date of first assignment in University</b>	03/10/2005	<b>Place of recent work</b>	College of medicine/Dept. of bio chemistry		<b>Job title</b>	Assistant chemistry
		<b>Academic title</b>	Assistant chemist		<b>Tel. No</b>	
<b>Researcher's academic attainments</b>	<b>Type of diploma</b>	<b>University</b>	<b>College</b>	<b>Department</b>	<b>Graduation year</b>	<b>Country\ Governorate</b>
	B.Sc.	salahaddin	science	chemistry	2005	Iraq
	M.Sc.	salahaddin	science	chemistry	2010	Iraq
	Ph.D.	Malaysia+Salahaddin	science	chemistry	2017	
<b>General specialization</b>	chemistry					
<b>Specific specialization</b>	Physical chemistry					
<b>Academic attainments</b>	<b>Academic title</b>				<b>Date of attainment</b>	
	Assistant chemist				03/10/2005	
	Assistant lecturer				2010	
	Lecturer				2017	
	Asst.Prof.				2021	
	Participating in following labs/Phsical,Organic, Inorganic , Biochemistry and Analytical chemistry .					

**Researches**

- 1-Thermal Adsorption and Catalytic Photodegradation Studies of Carbendazim Fungicide in Natural Soil and Water, International Journal of Chemistry, 2011.
- 2-Potential contribution of low cost materials in clean technology, 2016.
- 3-An Eco-Friendly Process for Removal of Lead from Aqueous Solution, 2017.
- 4-Environmental Friendly conversion of locally available low-cost materials to zeolite, 2017.
- 5-New Routes for the Synthesis of Zeolites and Their Modified, 2017.
- 6-Synthesis of Mesoporous Mordenite Zeolite by Different Natural Raw Materials.
- 7- Isotherm Studies of Adsorption of Cadmium (II) ion from Aqueous Solution onto Zeolite: Effects of Time, Temperature and pH. ZJPAS (2018), 30 (1); 23-33.
- 8-Synthesis and characterization of the nano particle crystal of sodalite zeolite from agricultural waste.2018, 29(6).p 68-74.
- 9-ArticleSynthesis of Uniform Mesoporous Zeolite ZSM-5Catalyst for Friedel-Crafts Acylation. ChemEngineering 2019, 3, 35; doi:10.3390/chemengineering3020035.
- 10- Synthesis and characterizations of zeolite catalyst from natural quartz in Kurdistan Region-Iraq.2021.  
DOI link: <https://doi.org/10.17656/jzs.10840>