

Academic Curriculum Vitae



Personal Information:



Full Name: Dr. Heman A.Smail
Academic Title: Assistant Professor
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Mobile: +9647504553777

Education:

From- To	Degree	College-University	Country
2017 to date	PhD in Physical NanoChemistry, Department of Chemistry	UTM-Malaysia and College of Science- University of Salahaddin	Iraq and Malaysia
2009-2017	M. Sc. in Physical Chemistry, Department of Chemistry	College of Science- University of Salahaddin	Iraq
2004-2005	B.Sc. Chemistry, Department of Chemistry,	College of Science- University of Salahaddin	Iraq

Employment:

Assignments and Posts:

From- To	Post	Department -College	University
2021 to date	Assistant Professor	Chemistry Department- College of Science	Salahaddin University
2017 to 2020	Lecture	Chemistry Department- College of Science	Salahaddin University
2009-2017	Assistant Lecture	Chemistry Department- College of Science	Salahaddin University
2010-2011	Member of Examination Committee	Chemistry Department- College of Science	Salahaddin University
2017-2020	Member of Examination Committee	Chemistry Department- College of Science	Salahaddin University
2017-2018	Quality Assurance member	Chemistry Department- College of Science	Salahaddin University

Teaching experience:

1- Teaching Activities

From- To	Subject	Stage-College	University
2017-2019	Physical Chemistry	3 rd and 2 nd - year students / Chemistry Department-College of Science	Raparin University
2017- to date	Physical Chemistry	2 nd - year students/Chemistry Department	Salahaddin University
2010-2015	Practical Physical Chemistry	2 nd and 3 rd – year students/ Chemistry Department-College of Science	Salahaddin University
2012-2013	Physical Chemistry	3 rd - year students / Chemistry Department-College of Science	Koya University

Research and publications

[Published articles, papers and researches:](#)

1. Synthesis of uniform mesoporous zeolite ZSM-5 catalyst for friedel-crafts acylation
[ChemEngineering 3 \(2\), 35](#)
2. Thermal adsorption and catalytic photodegradation studies of carbendazim fungicide in natural soil and water. [International Journal of Chemistry 3 \(2\), 218](#)
3. Isotherm studies of adsorption of cadmium (II) ion from aqueous solution onto zeolite: Effects of time, temperature and pH. [ZANCO Journal of Pure and Applied Sciences 30 \(1\), 23-33](#)
4. An eco-friendly process for removal of lead from aqueous solution
[Modern Applied Science 11 \(5\), 47-51](#)
5. New Routes for the Synthesis of Zeolites and Their Modified
[ZANCO Journal of Pure and Applied Sciences 28 \(1\)](#)
6. Potential contribution of low cost materials in clean technology
[AIP Conference Proceedings 1718 \(1\), 050006](#)
7. Sorption Equilibrium and Thermodynamics of Triton X-100 Removal from Aqueous Solutions
[2011 International Conference on Biology, Environment and Chemistry IPCBEE](#)
8. Synthesis and characterizations of zeolite catalyst from natural quartz in Kurdistan Region-Iraq. [Journal of Zankoy Sulaimani – Part A For Pure and Applied Sciences Vol. 23 \(No. 1\): 2020](#)
9. Synthesis and Characterization of the Nano Particle Crystals of Sodalite Zeolite from agricultural waste. [ZANCO Journal of Pure and Applied Sciences \(2017\), 29 \(6\); 68-74.](#)

Professional memberships

- From 2005 to date member in Kurdistan chemistry syndicate

Professional Social Network Accounts:

ORCID ID: 0000-0002-5486-2410

Academic Profile: <https://academics.su.edu.krd/heman.smail>

LinkedIn: <https://www.linkedin.com/in/heman-smail-48b50611a/>

Scholar Account: <https://scholar.google.com/citations?user=G0foh3kAAAAJ&hl=en>

Research gate: <https://www.researchgate.net/profile/Heman-Smail>