

CURRICULUM VITAE OF

Prof. Dr.

Hanaa Kaain Saleh Mehdi Al-Khafaji

Department of Chemistry /College of Science /University of Tikrit



1. Personal information

Name: Hanaa Kaain Saleh Mehdi Al-Khafaji

Date & place of birth: 01 / 11 / 1964 – Iraq –Salah Al-Din

Nationality: Iraqi

Gender: Female

General specialization: Industrial membership

Specific specialization: Liquid crystals and liquid crystalline polymers

Marital status: Married

Address: Iraq – Baghdad

Email: h_kaain@tu.edu.iq

Phone: 00964 7703044316

Language (spoken): Arabic (mother language) / English (good).

Language writing: Arabic (mother language) / English (good).

2. Academic & professional information

Establishment: Tikrit University – College of sciences – Chemistry department - Iraq

3. Academic qualifications (Certificates)

No.	Qualification	Major	Institute	Country	Grade	Date obtained
1	B.Sc. in chemistry.	Chemistry Science	Baghdad University	Iraq	Good	1985
2	M.Sc. in chemistry science	Chemistry Science	Baghdad University	Iraq	Good	1990
3	Ph.D. in chemistry science	Chemistry Science	Baghdad University	Iraq	Very good	1997

4. Academic rank

No.	Rank	Date obtained
1	Assistant of lecture	1 / 11 / 2003
2	Lecture	5 / 4 / 2006
3	Assistant prof.	4 / 3 / 2010
4	Professor	29 / 3 / 2016

5. Career Sites:

- Teaching in the College of Education for Women 1990 – 1993.
- Teaching in the College of Mixed Education 1993 – 2001.
- Associate Dean of the College of Science for Girls 2001 – 2003.
- Associate Dean of the College of Dentistry.
- Teaching in the College of Dentistry.
- Teaching in the College of Science.
- Associate Dean of the College of Science for Scientific Affairs 2013-2015
- Teaching in the College of Science.
- Distinguished Researcher in the College of Education for 1999.
- Representative of Tikrit University for Women Leadership Development with IREX.
- Patent No. 3172 International Classification CO8F8 / 14 / GO2F1 / 13 Iraqi Classification 4.
- Patent No. 4780 (51) ICS A61K47 / 06 (52) Iraqi Classification 6 on 8/12/2016 (Preparation of an accompanying drug of ibuprofen and glucose and study the release of the drug outside the body of the organism).
- Patented in Crimea 5200 (51) ICS CO1B17 / 02 (52) Iraqi Classification 4 on 15/1/2018 (recovery of sulfur from solid sulfur residues resulting from the purification of crude sulfur in Mashraq).
- Candidate of the University of Tikrit in international forums.
- Participation in a number of conferences inside Iraq.
- Supervision of a number of graduate students more than 20 students.

6. Subjects teaching

No.	Under graduate	Graduate
1	Organic	Advanced Organic
2	Industrial	Organic synthesis
3	Identification of organic	Re - arrange
4	Polymers	Identification of organic
5	Stereochemistry	Liquid crystals
6	Mechanism in organic chemistry	Polymers

7	Heterocyclic	Special topic
---	--------------	---------------

7. The published papers

❖ Research upgrade to teacher

- Flow injection analysis of hydroquinone in skin- Toning cream, Suham Towfiq Amine; Hanaa Kaain Salih, Iraq J. Sci., Vol. 36, No. 2, 1995 (Jun).
- Synthesis and characterization of some new liquid crystalline polymers containing Schiff bas, ester and ether linking units. Ahmed S. Hamed, Hanaa K. Salih, Ibtisam K. Jassim, Iraqi J. Sci., Vol. 39, No.2, 1998.
- Synthesis and characterization of liquid crystalline compounds containing adipic dihydrazid unit. Hanaa Kaain Salih, Tikrit Univ. J. Sci., Vol.4, No.1, January 1998, p: 52-58.

❖ Research upgrade to Assistant Professor

- Synthesis and characterization of some new models derived from the reaction of bis muthiol with different acid chlorides and its polymerization with di caboxylic acid chloride. Ahmed S. Hamad, Ibtisam K. Jassim, Hanaa K. Salih. Tikrit Univ. J. Sci., Vol.6, No.1, May 2000.
- Synthesis of 1,6- Bis (P-hydroxy phenylimine) adipic acid hydrazide and its reaction with different aliphatic acid chloride and polymerization with Di carboxylic chloride. Ahmed S. Hamad, Hanaa K. Salih, Ibtisam K. Jassim, Iraqi J. Sci., Vol. 40A, No. 1, February 1999.
- Synthesis and characterization of 1,4-bis-S,S (1,3,4-oxadiazole -2-thiol) butane and its coordination chain polymer with divalent metal ions and with dihydroalkane). Ahmed S. Hamad, Ibtisam K. Jassim, Hanaa K. Salih. Iraqi J. Sci., Vol. 6A, 1997.

❖ Research upgrade to professorship

- Chemical modification of some preformed phenolic- Furfural resins via mercuriation, Halogenation. Ahmed A. H., Hanaa Kaain, Naeem Taki Falyie, Iraqi J. Polymers, Vol. 10, No. 1 2005: 41-52.
- Synthesis and characterization of some new compounds derived from semicarbazide and 2-amino Oxadiazole (monomers and polymers) and study their liquid crystalline properties. Hana'a, K. Salih, Ibtisam K. Jassim, and Salwa Abdalsatar, Al-Nahrain Journal of Science 10.1 (2007): 18-24.

- Synthesis and study mesomorphic properties of new tow series compounds containing azomethine linkage. Hana'a, K. Salih, Journal of Al-Nahrain University-Science 10(2), (2007): 61-65.

The published papers

- Numerical Solution of the Extend Graetz Problem for a Bingham Plastic Fluid in Laminar Tube Flow. ME Sayed-Ahmed, HK Saleh, I Hamdy, Applied Mathematics, 3(1), (2013): 27-37.
- Professional preparation of tyro 1,2,4-triazole resin and studying its applications in the field of chelating ability towards polluted Pb element. Gazwan Hassan Abdel Wahab Al-Somaidaie and Hana Caean Salih, Tikrit Journal of Pure Science, 4(18), (2013): 137-143.
- Preparation of Prodrug from Indomethacine and Ascorbic acid and study of It's Effect on Asparatate amino transferase Enzyme Partially Purified from Blood of Diabetic Patients Type two. Amina F. Yahya, Firas T. Maher, Hanaa K. Salih, Tikrit Journal of Pure Science, 11(2), (2016): 19-39.
- Preparation and Characterization Some Monomers and Polymers Derived from Azo - Schiff Base Compounds and Studying Liquid Crystalline Properties, Electrical Conductivity and Dielectric Constant. Ahmed N Abd, Hanaa Kaain Salih, Noor Sabah Al-Obaidi, Diyala Journal For Pure Science, 14(2), (2018): 122-139
- Analytical study releasing the new of Prodrug (Paracetamol - Naproxen) using Uv-vis spectrophotometric method. Hamad A. Abdullah, Fadam M. Abdoon, Hanaa K. Saleh, Tikrit Journal of Pure Science, 23(8), (2018): 43-51.

8. Scientific journals membership

No.	Journal	Contribution	Country
1	Tikrit journal for pure sciences	Member of editorial boards scientific	Iraq

9. Importance links

No.	Type	Link
1	google scholar	https://scholar.google.com/citations?user=h_RCJFcAAAAJ&hl=ar
2	Publons'	https://publons.com/researcher/1757824/hanaa-kaain/
3	ORCID	https://orcid.org/0000-0002-2229-157X
4	Researchgate	https://www.researchgate.net/profile/Hanaa_Kaain

5	Academia	https://tiktrit.academia.edu/HanaaKaain
6	LinkedIn	https://www.linkedin.com/in/hanaa-kaain-b1a2b7194/