



SALWA JAMAL MOHAMMAD ALI KAMAL

POSITION: Assistant Professor

Personal Data

Nationality | Saudi

Date of Birth | 08-08-1987

Department | chemistry

Official IAU Email | sikamal@iau.edu.sa

Language Proficiency

Language	Read	Write	Speak
Arabic	√	√	√
English	√	√	√

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2021	Doctor of philosophy in Organic chemistry	University Malaya	Malaysia
2015	Master in Organic chemistry	Taibah University	Medina
2009	Bachelor in chemistry	Taibah University	Medina

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

Master	Synthesis of Novel Amino Acids C ₆₀ Fullerenyl Derivatives
PhD	Phenyl Rings Mesogenic Core of Azo-Ester Based Liquid Crystals: Synthesis, Mesomorphic and Optical Properties

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Assistant Professor	Imam Abdulrahman bin Faisal university	Dammam	13-06-2023
Lecturer	Imam Abdulrahman bin Faisal university	Dammam	24-01-2017
Collaborator lecturer	Al-Ghad international colleges	Medina	2015/2016



Scientific Achievements

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Salwa J.Kamal, Noordini M.Salleh, H.N.M. EkramulMahmud, N. IdayuZahid et all.	Mesomorphic, optical, dielectric, and electro-optic properties of azo-ester materials: Effect of lateral methyl and terminal substituents	Journal of Molecular Liquids, April 2021
2	H.N.M Ekramul Mahmud, Salwa Jamal Kamal et all.	Nanoconducting polymer: an effective adsorbent for dyes	Chemical Papers, May 2021
3	Salwa J. Kamal, Noordini M. Salleh, H.N.M. Ekramul Mahmud and N. Idayu Zahid	Liquid crystal and photophysical properties of laterally fluorinated azo-ester materials	Liquid Crystals, 2021
4	Aeshah H Alamri, Kedila Rasheeda, Salwa J Kamal, Marwah Aljohani, Talal A Aljohani, Irshad Baig, Vijaya DP Alva, N Phadke Swathi, Ikenna B Onyeachu, Seranthimata Samshuddin	Pyrimidine derivatives as efficient anticorrosive agents for acid corrosion of mild steel: Electrochemical and computational validation	Arabian Journal of Chemistry, 2024
5	Najah FH Alrasheedi, Ismail Abdulazeez, Shamsuddeen A Haladu, Mohammed A Gondal, Khaled M AlAqad, Salwa J Kamal, Salha N Alharthi, Asma M Elsharif	Corrosion resistance of aluminum against acid activation in 1.0 M HCl by symmetrical ball- type zinc phthalocyanine	BMC chemistry,2024

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	Taibah international chemistry conference	Taibah university, March 23-25,2009	Attendance
2	Development Research Abilities BY KACST	Taibah university, 27 November 2012	Attendance



3	How to cite your references using Mendeley?	Taibah university, 28-04-2013	Attendance
4	Components of scientific research plan	Taibah university, October 2-3, 2013	Attendance
5	Attract students with your power point	Imam Abdulrahman bin Faisal University, 9-02-2017	Attendance
6	Creative and Active teaching strategies: an Art-Based teaching approach	Imam Abdulrahman bin Faisal University, 7-02-2017	Attendance
7	Using and Creating Effective Rubrics	Imam Abdulrahman bin Faisal University, 12-09-2017	Attendance
8	Assessing the 21st Century "Soft" Skills	Imam Abdulrahman bin Faisal University, 14-09-2017	Attendance
9	Chemistry is in our life	Imam Abdulrahman bin Faisal University, 24-10-2017	Attendance and Participation
10	Introduction to research methodology and stational analysis	Saudi students club in Kuala Lumpur, 11 November, 2018	Attendance
11	Introduction to nuclear magnatic resonance (NMR) workshop	University of Malaya Infralab, Dec 18-19, 2019	Attendance
12	Using Latex to write thesis and articles	Saudi students club in Kuala Lumpur, 21 Feb, 2019	Attendance
13	The art of self-reflection & its affect on achieving goals	Saudi students club in Kuala Lumpur, 2 April, 2020	Attendance
14	How to overcome publishing challenges in scientific research	New World, 16-05-2020	Attendance
15	International Webinar on Science, Sustainable, Development and Ecosystem in Saudi Arabia	Imam Abdulrahman bin Faisal University, 6-7 April 2021	Attendance
16	4th International Conference on Science & Engineering of Materials	Sharda University, 19th - 22th JULY 2021	Participating as presentation presenter
17	1st Malaysia International Conference on Nanotechnology & Catalysis	Malaya University, 1-3 September 2021	Participating as poster presenter
18	The seventh forum of local ethics committees	KACTS, 22-12-2022	Attendance
19	Artificial intelligence in scientific education and learning: Chat GPT An applied model	King Abdulaziz University, 11/6/2023	Attendance
20	Effective strategies for a distinctive presentation of a scientific poster	Imam Abdulrahman bin Faisal University, 18/5/2023	Attendance
21	Arab Chemistry Week	Imam Abdulrahman bin Faisal University, 30-10-2023	Participating as poster presenter
22	Rafid path workshops	11-02-2024	Attendance
23	Ascending path workshops	07-02-2024	Attendance
24	Skills for evaluating scientific posters	30-04-2024	Attendance
25	Intellectual property	26-09-2023	Attendance
26	Use of iThenticate program to reduce plagiarism	12-03-2024	Attendance



26	ChemLLMathon2024	24-25-11-2024	Mentor and Judge
27	Patent and investment protection in research and development	10-9-2024	Attendance
28	Innovation in Plastics: sustainability solutions	6-11-2024	Attendance
29	Fluorine implantation for optimizing dopants diffusion in semiconductors	20-11-2024	Attendance
30	Chemistry in diagnostic-light, DNA, bacteria and more	27-11-2024	Attendance
31	Innovations in recycling technology	29-10-2024	Attendance
32	Waste management	4-11-2024	Attendance

Membership of Scientific and Professional Societies and Organizations

- Member of the Saudi Chemical Society

Community Service

#	From	To	Type of Volunteer	Organization
1	23-01-2018	25-01-2018	Talent enrichment	Imam Abdulrahman bin Faisal University
2	2017	2018	Supervising the training of college graduates	Imam Abdulrahman bin Faisal University
3	25-10-2022	25-10-2022	Word of Chemistry	Imam Abdulrahman bin Faisal University
4	30-10-2023	30-10-2023	Candle making workshop	Imam Abdulrahman bin Faisal University
5	2022	2023	Supervising the training of college graduates	Imam Abdulrahman bin Faisal University
6	2024	2024	A scientific trip for students to the king Abdulaziz Center for World culture(Ithra)	Imam Abdulrahman bin Faisal University
7	2024	2024	Present scientific Poster	Imam Abdulrahman bin Faisal University
8	2023	2024	Graduate training	Imam Abdulrahman bin Faisal University