



SALWA JAMAL MOHAMMAD ALI KAMAL

POSITION: Lecturer

Personal Data

Nationality | Saudi

Date of Birth | 08-08-1987

Department | chemistry

Official IAU Email | sjkamal@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
Collaborator lecturer	Al-Ghad international colleges		2015/2016
Lecturer	Science college	Imam Abdulrahman bin Faisal university	Dammam 24-01-2017

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
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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

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 statical 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

Membership of Scientific and Professional Societies and Organizations

- Member of the Saudi Chemical Society
- Quality Committee
- Chemistry Club
- Examination Progress Committee

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Organic preparations	CHEM 459N	LAB
2	organic chemistry	CHEM212	LAB
3	analytical chemistry	CHEM 241N	LAB
4	Instrumentation chemical analysis	CHEM 443N	LAB
5	Inorganic Chemistry	CHEM208	LAB

Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

1	Scientific experiments on how to prepare organic compounds and purify them from several steps.
2	Experiments to identify basic organic compounds and differentiate between them.
3	Titration for neutralizing reactions, sedimentation, oxidation and reduction, formation of complexes and gravimetric analysis.
4	Separation methods, chromatography.
5	Ion recognition and separation experiments



Student Academic Supervision and Mentoring

#	Level	Number of Students	From	to
1	Level 8	28	2016	2017
2	Level 8	12	2017	2018

Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

Committee Membership

#	From	To	Position	Organization
1	2016	2018	Quality, development and academic accreditation Committee	Imam Abdulrahman bin Faisal University
2	2016	2018	Chemistry Club	Imam Abdulrahman bin Faisal University

Volunteer Work

#	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

Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Using all Microsoft office programs
2	Translation
3	Research Consultant

Last Update

...01/08/2022