



# Suhailah Saud Abdulaziz Al Jameel

Associate Professor

## Personal Data

Nationality | Saudi

Department | Chemistry

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## Language Proficiency

Language	Read	Write	Speak
Arabic	excellent	excellent	excellent
English	excellent	excellent	excellent

## Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2014	Doctorate	Chemistry Department – College of science- University of Dammam	Saudi Arabia
2008	Master	Chemistry Department – College of science- king Faisal University- Dammam	Saudi Arabia
2003	Bachelor	Chemistry Department – College of Girls Science- Dammam	Saudi Arabia

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

<b>PhD</b>	Biochemical Studies of antioxidants and antioxidants' nanoparticles on oxidative stress induced by using Cisplatin and Methotrexate in experimental rats
<b>Master</b>	Biochemical Studies on the activity of some Antioxidant Enzymes in the patients with Hypertension

## Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work			Date
Associate Professor	Chemistry Department	College of Science	Imam Abdulrahman Bin Faisal University	2022
Assistant Professor	Chemistry Department	College of Science	Imam Abdulrahman Bin Faisal University (University of Dammam Formerly)	2014



Researcher	Chemistry Department	Research unit- University of Dammam	University of Dammam	2009- till now
Lecturer	Chemistry Department	College of Science	University of Dammam	2008
Demonstrator	Chemistry Department	College of Science	University of Dammam	2006

### Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Date
<b>Vice Dean</b> for Development and Community Partnership at College of Applied Studies and Community Service	4/2023 until now
<b>Vice Dean</b> for Female Students' Affairs at College of Applied Studies and Community Service	2021- 4/2023
<b>Head</b> of (QIYAS center) at College of Applied Studies and Community Service	2021 until now
<b>Executive Director</b> of (TAMKEEN PROGRAM) in cooperation with BENAA Association for Orphan Care in the Eastern Province	2021 until now
Member of the Advisory committee of College of Applied Studies and Community Service	2021
<b>Head</b> of Chemistry Department at College of Science	2016-2020
<b>Manager</b> of SARSI – (MAWHIBA Summer Program) for high school students at kingdom level	Summer 2016
Member of the Advisory Board of the Department of Chemistry Program	2017-2020
Member of the Strategic Planning Committee at College of Science	2017-2019
Member of the Recruitment Committee for Teaching Assistants, Lecturers and Language Teachers	2019- 2020

### Scientific Achievements

#### The Patents

#	Title	Date
1	Diary Purification mixture (USPTO)	2023
2	Separation column containing Titanium Oxide nanotubes (USPTO)	2023
3	Device and Method for antibiotic removal from Diary (USPTO)	2022

## Published Refereed Scientific Research

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Hanaa Ramadan, Nadia Moustafa, Rasha Rashad Ahmed, Ahmed A.G. El- Shahawy, Zienab E. Eldin, Suhailah S. Al-Jameel, Kamal Adel Amin, Osama M. Ahmed, Manal Abdul-Hamid	Therapeutic effect of oral insulin-chitosan nanobeads pectin-dextrin shell on streptozotocin-diabetic male albino rats	Heliyon (2024)
2	Suhailah S. Aljameel, Ibtisam M. Ababutain, Azzah I. Alghamdi, Amor Ben Alia, Aml H. Al Nasir, Asayel H. Alqhtani, Latifah K. Aldewely, Mariam M. Alhassan, Reem E. Bakhurji, Wasan M. AlGhamdi, Rana A. Alzahrani, Israa A. Alrabghi	Hybrid Organic-Inorganic Copper and Cobalt Complexes for Antimicrobial Potential Applications	Cellular Physiology and Biochemistry (2024)
3	Suriya Rehman, Vijaya Ravinayagam , Suhailah S. Al-Jameel, Syed Mehmood Ali, Sukainah Z. Alzayer, Zahrah M. Alfaraj, Atheer Alboeid, Nawal Alamri, Sakinah H Al Isam, H. Dafallae, Sugapriya Dhanasekaran, Gazali Tanimu, Firdos Alam Khan, B. Rabindran Jermy	Controlling cisplatin release by synergistic action of silver-cisplatin on monodispersed spherical silica for targeted anticancer and antibacterial activities	Arabian journal of Chemistry (2024)
4	Suriya Rehman, Ghadi Albhishiri, Zainab Alsalem, Suhailah S. AlJameel, Ayman Al-Qaaneh, Aarif Hussain Shah, Sultan Akhtar, Saif Hameed, B. Rabindran Jermy	Bionanocomposites comprising mesoporous metal organic framework (ZIF-8) phytofabricated with Allium sativum as alternative nanomaterials to combat antimicrobial drug resistance	Bioprocess and Biosystems Engineering (2024)
5	Nema A. Mohamed, Marium M. Hussein, Osama M. Ahmed, Suhailah S. Al-Jameel, Hessah M. Al-Muzafar, Kamal Adel Amin, Heba M. Abdou	Oleuropein ameliorates hyperlipidemia, oxidative stress, inflammatory and liver dysfunction biomarkers, in streptozotocin induced diabetic rat	Journal of Applied Pharmaceutical Science (2023)
6	Suriya Rehman, Balasamy Rabindran Jermy, Irfan A. Rather, Jamal S. M. Sabir, Suhailah S. Aljameel, Munirah A. Almessiere, Yassine Slimani, Firdos A. Khan and Abdulhadi Baykal	Pr <sup>3+</sup> Ion-Substituted Ni-Co Nano-Spinel Ferrites: Their Synthesis, Characterization, and Biocompatibility for Colorectal Cancer and Candidaemia	Pharmaceuticals (2023)

7	Suriya Rehman, Fatimah Alahmari, Laila Aldossary, Maryam Alhout, Suhailah S. Aljameel, Syed Mehmood Ali, Jamal S. M. Sabir, Firdos Alam Khan and Irfan A. Rather	Nano-sized warriors: zinc chromium vanadate nanoparticles as a dual solution for eradicating waterborne Enterobacteriaceae and fighting cancer	Frontiers in Pharmacology (2023)
8	Fawziah S. Alshehri, Essam Kotb, Muhammad Nawaz, Suhailah Al-Jameel & Kamal Adel Amin	Preparation, characterization, and antibacterial competence of silymarin and its nano-formulation	Journal of Experimental Nanoscience (2022)
9	Anhar M Gomaa, Soheir N Abd El-Rahman and Suhailah S. Al-Jameel	Effects of Quercetin Nanoparticles, An Antioxidant Bioflavonoid on the Retina of STZ-induced Diabetic Rats	Acta Scientific Women's Health (2022)
10	Mohammed Nader Shalaby, Mona Mostafa Abdo Sakoury, Suhailah S. Al-jameel, Ahmad Alghamdi	The Effect of Diving for Different Years on CD34+ Stem Cells and Some Physiological Variables for Commercial Divers	International Journal of Human Movement and Sports Sciences (2021)
11	Suhailah S. Al-Jameel	The activity of curcumin combined with ZnCl <sub>2</sub> on Streptozotocin-Induced Diabetic Rats. Anti-Diabetic, Anti-Hyperlipidemic study Journal of Advanced Pharmacy Education and Research	Journal of Advanced Pharmacy Education and Research (2021)
12	Suriya Rehman, Munirah A. Almessiere, Ebtessam A. Al-Suhaimi, Mehwish Hussain, Maha Yousuf Bari, Syed Mehmood Ali, Suhailah S. Al-Jameel, Yassine Slimani, Firdos Alam Khan and Abdulhadi Baykal	Ultrasonic Synthesis and Biomedical Application of Mn <sub>0.5</sub> Zn <sub>0.5</sub> Er <sub>x</sub> Y <sub>x</sub> Fe <sub>2-2x</sub> O <sub>4</sub> Nanoparticles	Biomolecules (2021)
13	Suhailah S. Al-Jameel, Munirah A. Almessiere, Firdos A. Khan, Nedaa Taskhandi, Yassine Slimani, Najat S. Al-Saleh, Ayyar Manikandan, Ebtessam A. Al-Suhaimi and Abdulhadi Baykal	Synthesis, Characterization, Anti-Cancer Analysis of Sr <sub>0.5</sub> Ba <sub>0.5</sub> Dy <sub>x</sub> Sm <sub>x</sub> Fe <sub>8-2x</sub> O <sub>19</sub> (0.00 ≤ x ≤ 1.0) Microsphere Nanocomposites	Nanomaterials (2021)
14	Suhailah S. Al-Jameel	Association of diabetes and microbiota: An update	Saudi Journal of Biological Sciences (2021)

15	Suhailah S. Al-Jameel, Suriya Rehmanb, Munirah A. Almessiere , Firdos A. Khan Yassine Slimani, Najat S. Al-Saleh, Ayyar Manikandanf, Ebtesam A. Al-Suhaimi, and Abdulhadi Baykal	Anti-microbial and anti-cancer activities of MnZnDyxFe <sub>2</sub> -xO <sub>4</sub> (x ≤ 0.1) nanoparticles	Artificial Cells, Nanomedicine and Biotechnology (2021)
16	Tamer E. Youssef, Suhailah S. Al-Jameel, Wafa M. Al-Magribi	An Effective Invasive Therapeutic Approach of Fluoro-Substituted Zinc Phthalocyanine Derivatives as Potential Photosensitizer for Prostate Carcinoma	ScienceAsia (2020)
17	Sahar K. Al-Dosary, Soheir N Abd El-Rahman, Suhailah S. Al-Jameel, Nouf M Al-Romihi	Antioxidant and antimicrobial activities of thymus (Vulgaris) essential oil and synthesis thymus (Vulgaris) silver nanoparticles	Brazilian Journal of Biology (2020)
18	Asma A. El-sharif, Tamer E. Youssef, Suhailah S. Al-Jameel, Hanan H. Mohamed, Mohammad Azam Ansari, Suriya Rehman and Sultan Akhtar	Synthesis of an Activatable Tetra-Substituted Nickel Phthalocyanines-4(3H)-quinazolinone Conjugate and Its Antibacterial Activity	Advances in Pharmacological Sciences (2019)
19	Suhailah S. Al-Jameel, Houda M. Fataftah, Soheir N. Abd El-Rahman, Asma M. El-Sharif, A. Hafiane and Madiha Kamoun	Ultrasound Synthesis of Benzimidazolo-1,3,5-triazine Derivatives and their Anti-histamine and Anti-Diabetic Activities	ORIENTEL JOURNAL OF CHEMISTRY (2019)
20	Doaa Abdel Fedeel, Ghada M. Al-Toukhy, Asma M. Elsharif, Suhailah S. Al-Jameel, Hanan H. Mohamed and Tamer E. Youssef	Improved photodynamic efficacy of thiophenyl sulfonated zinc phthalocyanine loaded in lipid nano-carriers for hepatocellular carcinoma	Photodiagnosis and Photodynamic Therapy (2018)
21	Suhailah S. Al-Jameel and Tamer E. Youssef	Investigations on the antitumor activity of classical trifluoro-substituted zinc phthalocyanines derivatives	World Journal of Microbiology and Biotechnology (2018)
22	Hanan H. Mohamed, Ines Hammami, Hanadi A. Baghdadi and Suhailah S. Al-Jameel	Multifunctional TiO <sub>2</sub> microspheres-rGO highly active visible light photocatalyst and antimicrobial agent	Materials Express (2018)

23	Suhailah S. Al-Jameel Soheir N. Abd El-Rahman Sahar Al dossary	Comparative study of antimicrobial and antioxidant activity of the oil of Boswellia (frankincense) and synthesized silver nanoparticles	Journal of Food, Agriculture & Environment (2018)
24	Soheir N. Abd El-Rahman, Suhailah S. Al-Jameel, Sara Nabil and Asma El Sharif	Conversion of curcumin into heterocyclic compounds as potent anti-diabetic and anti-histamine agents	Biological and Pharmaceutical Bulletin (2018)
25	Suhailah S. Al-Jameel and Soheir N. Abd El-Rahman	Preventive effect of black rice antioxidant extract on oxidative stress induced by ethyl alcohol	African Journal of Biotechnology (2018)
26	Suhailah S. Al-Jameel, Soheir N. Abd El-Rahman and Sahar Khamees Al-Dosary	Comparative study of antimicrobial and antioxidant activity of the oil of Boswellia (frankincense) and synthesized silver nanoparticales	Journal of Food, Agriculture and Environment (2018)
27	Soheir N. Abd El-Rahman; and Suhailah S. Al-Jameel	Synergistic effect of quercetin nanoparticles on liver and pancreas tissues and oxidative stress of STZ-induced diabetic rats	Asian Journal of Chemistry (2017)
28	Suhailah S. Al-Jameel and Mashael M. Al-Namshan	Protective effect of black rice extract on the functional status of liver and hepatic stellate cell against toxicity induced by ethanol	Journal of Indian chemical society (2017)
29	Soheir N. Abd El-Rahman and Suhailah S. Al-Jameel	Effect of quercetin nanoparticles on the kidney of the STZ- induced diabetes in male rats: A histological study and serum biochemical alteration.	African journal of biotechnology. (2017)
30	Soheir N. Abd El-Rahman and Suhailah S. Al-Jameel.	Quercetin nanoparticles: preparation and characterization.	Indian Journal of Drugs (2014)
31	Soheir N. Abd El-Rahman and Suhailah S. Al-Jameel.	Efficacy of nanocurcumin in F-2 isoprostanes in male rats	International Journal of Sudan Research (2014)

		treated with Cisplatin and Methotrexate as chemotherapy drugs.	
32	Soheir N. Abd El-Rahman and Suhailah S. Al-Jameel.	Protection of Curcumin and Curcumin Nanoparticles against Cisplatin Induced Nephrotoxicity in Male Rats.	Sch. Acad. J. Biosci (2014)

### Research interests include:

1	Reading books about some diseases and its relationship to behavioral patterns and environmental factors.
2	Readings in the immune system and the immune system science.
3	Enzymes and their roles in human health.
4	Oxidative stress and their harmful effects to the body.
5	The protective role of antioxidants.

### Contribution to Scientific Conferences and Symposia

#	Conference Title
	Arab conference on development and economic impacts of nanotechnology (2011).
1	Attend the first and the second forum for graduate students and research (2012-2013).
2	Coordinate the Third Scientific Conference for students in higher education in the Kingdom of East region - about creativity and knowledge-based generation leadership privileged (2013).
3	Preparatory meeting for the fourth scientific conference for students and graduate students (2014).
4	Preparatory meeting for the Fifth Scientific Conference for students and graduate students (2014).
5	Scientific Meeting on Environment and Development in the Arabian Gulf Conference (Twenty-ninth meeting) (2014).
6	Attend (The first national conference preparatory year in Saudi universities) (2015).
7	Attend (The first Forum of Universities Aramco Saudi Arabia) (2015).
8	Attend (The Fourth Saudi International Conference on Nanotechnology) at KFUPM (2016).
9	Attend the Scientific Forum (Educational Coffee)- university of Dammam. (2017).
10	Attend the Symposium on "Water Pollution and its Impact on the Environment" presented by the Saudi Chemical Society. (2017).
11	Attend the effectiveness of the Arab Chemistry Week organized by the Chemistry Club and the Saudi Chemical Society. (2017)
12	Attend The first introductory forum, for laboratories of research units. (2017)
13	Attend Scientific Exhibition entitled Life in a tube cooperating with Saudi Chemical Science(2017)
14	Attend Scientific symposium entitled Chemistry in our life. (2017)
15	Attend Scientific Exhibition entitled Lab Safety. Chemistry Department, College of Science. (2019)
16	Attend the Scientific Meeting place entitled The Ibn Khaldun Fellowship under the supervision of king Abdul-Aziz City for Science and Technology, in partnership with MIT. (2019)
17	Attend the 1 <sup>st</sup> Workplace Health, Safety and Environmental (Conference and Exhibition)- Sheraton hotel- Dammam (2019)
18	Attend the support meeting entitled the launch of the sixth phase of partnership contract between Imam Abdurrahman bin Faisal University and the Clarivate Analytics (previously Thomson Reuters)- Agency for Postgraduate Studies and Scientific Research, College of Science. (2019)



19	Attend all scientific exhibitions which have set up in chemistry department as community methodology. College of Science, Chemistry Department. (Throughout the year)
20	Attend scientific exhibition entitled Sparkle cooperated with Chemistry Club. College of Science Hall, Chemistry Department. (2018).
21	Attend scientific symposium entitled Arab week in chemistry. Saudi Chemical Society, College of Science. (2018)
22	Attend seminar about The foundation of safety and security in laboratory. Saudi Chemical Society, College of Science. (2018)
23	Attend seminar about Vitamin D and its importance. College of Science, Saudi Chemical Society. (2018)
24	Attend the Conference on Sustainable Development in Desert Areas. Imam Abdulrahman Bin Faisal. (2019)
25	Attend Scientific Symposium entitled Computational chemistry and its most important modern application. College of Science, Saudi Chemical Society. (2019)
26	Attend The scientific symposium presented by heads of research units in the Department of Chemistry at the basic and applied scientific research center with Scientific Posters Gallery. College of Science, BASRIC. (2019)
27	Attend Symposium (last lecture) offered by Deanship of University Education Development at Imam Abdulrahman Bin Faisal. (2020)
28	Attend the scientific forum introducing the content and specialized components of the national standards for educational curricula and their evaluation and the role hoped for by universities to ensure raising the quality of evaluation and its outputs - provided by the Education and Training Evaluation Authority. Movenpick Hotel, AlKhobar. (2019)
29	Attend the Education and University Learning Forum 2020 (TLEX20) provided by Deanship of University Education Development, Imam Abdulrahman Bin Faisal. (2020)
30	Attend the first forum for women leaders in Saudi universities provided by Imam Abdulrahman Bin Faisal, University Agency for Female Student Affairs. (2020)

## Training Courses

1	Attend a training course entitled "social guidance and counseling students in the role of the university adjustment process." (2008).
2	Attend the training program (develop research capacity in the Kingdom: the formulation of the idea and Management Research) Introduction of the Vice President for Graduate Studies and Scientific Research in University of Dammam (2014).
3	Attend a training course entitled (To raise the ranking of universities), held in Istanbul- Turkey (2015).
4	A training course for developing public speaking – introduced by Toastmaster club in Aramco- organized by the Saudi chemical society. (2017)
5	Attend a training course entitled Developing Core Competencies in Teaching and Learning. Deanship of University Development- Imam Abdulrahman Bin Faisal University. (2017)
6	Attend a training program entitled Safe management of handling chemicals. Administrative Development Agency in cooperation with the branch of the Saudi Chemical Society. (2017)
7	Attend the intensive training program entitled Standards of Quality Assurance of Postgraduate Programs and the requirements for achieving them provided by Education Evaluation Authority, National Center for Academic Accreditation and Assessment at Imam Abdulrahman Bin Faisal University. (2019)

## Membership of Scientific and Professional Societies and Organizations

Member of the Saudi Chemical Society.



## Teaching Activities

### Undergraduate

#	Course/Rotation Title	No./Code
1	Biochemistry 1 (Theoretical Lectures).	261 CHEM
2	Food Chemistry (Theoretical Lectures).	551 CHEM
3	Biochemistry 1 (Theoretical Lectures).	401 BIOCH
4	Biochemistry (Biology department ) (Theoretical Lectures).	303 N BIOL
5	Biochemistry (Biology department ) (Theoretical Lectures).	308 BIOL
6	Research project (Students Supervision)	474 CHEM
7	Biochemistry (1) (lab).	261 CHEM
8	Biochemistry (2) (lab).	362 CHEM
9	General chemistry (1) (lab).	101 CHEM
10	Organic chemistry (lab).	162 CHEM
11	Organic preparation (lab)	459 CHEM
12	Analytical chemistry (lab supervision)	241 CHEM
13	Coordination chemistry (lab supervision)	333 CHEM
14	Chemistry of polymers	458 CHEM
15	Chemical analysis (lab supervision)	443 CHEM
16	Computer application in chemistry (lab supervision)	372 CHEM

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

1	<u>Biochemistry 1 –</u> : The course covers chemical concepts related to vitality such as chemical bonds, functional groups, chemical balance, energy, building units of cell components, water structure and properties. Also, includes a detailed introduction to the chemical composition and bio-value of the biomolecules of carbohydrates, lipids, amino acids, proteins, enzymes, hormones, nucleic acids, vitamin and hormones.
2	<u>Biochemistry (Biology) –</u> : This course provides studying the chemistry of carbohydrates, lipids, proteins, nucleic acids, enzymes, vitamin and hormones. Also, its study in terms of chemical composition, naming, chemical bonds, various types and its vital role in the body.
3	<u>Research ptoject –</u> : Deals with the basic and fundamnetal steps on doing scientific research, wrtinig proposal, citation, and skills of presentation.
4	<u>Advanced Biochemistry (Biology) (Postgraduate) –</u> : This course describes the Structure, Function, & Replication and repair of informational macromolecules as DNA, RNA and protein synthesis. It also describes the regulation of gene expression and bio signaling.



## Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no.of lectures/Tutorials. Or labs, Clinics)
	Advanced Biochemistry (Biology Department)	-	-Lectures and Labs

## Course Coordination

#	Course Title and Code	Coordination	Co- coordination	Undergrad.	Postgrad.	From	to
1	Biochemistry 1 , 261 Chem	✓		✓		Each 1 <sup>st</sup> or 2 <sup>nd</sup> semester	
2	Biochemistry (Biology), 303 N	✓		✓		Each 1 <sup>st</sup> or 2 <sup>nd</sup> semester	
3	Food Chemistry	✓		✓		Each 1 <sup>st</sup> or 2 <sup>nd</sup> semester	

## Student Academic Supervision and Mentoring

#	Level	Number of Students	
	Graduation student	3	2020
	Graduation student	6	2021
	Graduation student	6	2023

## Scientific research centers that have been utilized:

1	Central Laboratory departments of science and medical studies at King Saud University (Analysis of sample) (2012).
2	Research and Development Center at SABIC company (Analysis of samples) (2012) .
3	Labs at King Fahd University Hospital (Analysis of samples) (2013).
4	Prince Mohammed bin Fahd Center for Research and development in the University of Dammam (Analysis of samples- biological experiment on experimental rats) (2013).
5	(IRMC) at IAU University (Analysis of samples) (collaboration) .

## Scientific Visits:

1	Scientific visit to the hospital childbirth and children in Dammam with the students to identify the various chemical analyzes of medical devices used in the analysis (2013).
2	Scientific visit to King Fahd University Hospital with the students to learn about the types of laboratories and medical tests (2013).
3	Scientific visit of Prince Sultan bin Abdulaziz City for Science and Technology (SciTech) with the students (2012).
4	Scientific visit to Dhahran High Schools and Arbitration of student projects in the (Towards Creativity) Exhibition and providing feedback for female candidates for the Creativity Olympiad competition (2018)

### Professional development programs:

1	Workshop (How to Find Information on the rules of the Saudi Digital Library of the Ministry of Higher Education site). (2011).
2	Workshop (Using the electronic catalog for libraries of University of Dammam and federated search engine). (2013).
3	Workshop (definition of academic guidance). (2013).
4	Workshop (nine errors cause the most scientific journals have to refuse publication by the Arab researcher) organized by the Scientific Research in the university. (2013).
5	Workshop (Academic Advising for students and graduate students). (2014).
6	Workshop (higher-order thinking skills) provided by the Deanship of Education Development (2014).
7	Workshop (Teaching through learning teams) provided by the Deanship of Education Development (2015).
8	Workshop (The use of iPad in education) provided by the Deanship of Education Development (2015).
9	Workshop (Advancing Differentiated Instruction) provided by the Deanship of Education Development (2015).
10	Workshops to learn the system Blackboard Advanced (2015).
11	Workshop (Teaching through projects) provided by the Deanship of Education Development (2015).
12	Workshop (Chapters inverted) provided by the Deanship of Education Development (2015).
13	Workshop (Thinking development strategies) provided by the Deanship of Education Development (2015).
14	Workshop on how to take advantage of electronic sources on university of Dammam site titled "summon & opac" (2015).
15	Workshop (Electronic tests) provided by the university of Dammam (2015).
16	Workshop (Integration of communication skills in the curriculum) provided by the Deanship of Education Development (2015).
17	Workshop (The role of a faculty member in the development of the academic program) provided by the university of Dammam (2016).
18	Workshop (Formative assessment strategy) provided by the Deanship of Education Development (2016).
19	Workshop (The survey orientated strategy) provided by the Deanship of Education Development (2016).
20	Workshop (Art lecture for university professor) provided by the Deanship of Education Development (2016).
21	Workshop (To develop the quality and outputs of the research) provided by the University Agency for Graduate Studies and Scientific Research. (2016)
22	Workshop (Research funding) provided by the University Agency for Graduate Studies and Scientific Research. (2016)
23	Workshop (How to use Google drive) provided by the Saudi chemical society. (2017)
24	Workshop (An introductory course about the publishing house (Pearson) and the default factor provided by College of Science. (2017)
25	Lecture (Leadership in Chemistry) provided by the Saudi chemical society. (2017)
26	Workshop (How to take advantage of electronic resources on the site of University using the Web of Science) provided by the Deanship of Library Affairs. (2017)
27	Workshop (Google Scholar service for citations using Google Scholar Citation) provided by the Deanship of Library Affairs. (2017)
28	Lecture (Introduction to the 2016 Chemistry Program for Students) - Chemistry Department, College of Science. (2017)



29	Workshop (Preparation of the strategic plan of the College of Science) organized by the Agency's Administrative Development Agency. (2017)
30	Workshop (Use of the calendar in the teaching process and how to build a table of specifications) - Organized of the Deanship of the development of university education. (2017)
31	Scientific meeting (the use of rubrics in evaluating the research project) at chemistry department. (2017)
32	Scientific symposium (Chemistry in our lives) -Chemistry Department, College of Science (2017 )
33	Workshop (Writing references using Mandali) – provided by Chemistry Department, College of Science. (2017)
34	Training program (Risk Management) – Organized of Strategic Planning Unit at the University. (2017)
35	Workshop (The role of the faculty member in the development of professional performance) - Organized of the Deanship of the development of university education. (2017)
36	Workshop (Developing Core Competencies in Teaching and Learning) - Organized of the Deanship of the development of university education. (2017)
37	Training program (Safe management of chemicals) – Organized of Administrative Development Agency in cooperation with the branch of the Saudi Chemical Society. (2017)
38	Lecture (First Aid in Chemistry Laboratories) – provided by Saudi Red Crescent Authority - Chemistry Department, College of Science. (2017)
39	Workshop (Mentor and Mentee) - provided by Center for Academic Leadership (Ministry of Education). (2017).
40	Lecture (Introductory meeting of the assessment and testing policy) - provided by the Deanship of Academic Affairs. (2017)
41	Lecture (Definition of scientific services and publishing)-provided by the University Agency for Graduate Studies and Scientific Research. (2017)
42	Attend The first introductory forum, for laboratories of research units. (2017)
43	Attend Scientific Exhibition entitled Life in a tube ( Saudi Chemical Science) (2017)
44	Attend scientific symposium entitled Chemistry in our life. (2017)
45	Attend Scientific lecture entitled Sustainable Energy: How Quantum Chemistry Can Help. (2017)
46	Attend scientific lecture entitled/ Criminal Chemistry within initiative Academic 2030. (2017)
47	Attend a workshop entitled The role of a faculty member in developing professional performance. Deanship of University Education Development. (2017)
48	Attend the introductory meeting on the evaluation and testing policy. Academic Affairs Agency- Imam Abdulrahman Bin Faisal University. (2017)
49	Attend a meeting on introducing the services of the Scientific Council and publishing. College of Science. (2017)
50	Attend Scientific Lecture entitled Risk Management. Strategic Planning Unit- Imam Abdulrahman Bin Faisal University.(2017)
51	Attend a lecture entitled First aid in chemistry laboratories provided by the Saudi Red Crescent Authority. College of Science- Chemistry Department. (2017)
52	Attend the Mentor and Monti workshop organized of Academic Leadership Center provided by Ministry of Education. ALKhobar- Coral Hotel. (2017)
53	Attend a workshop entitled / Writing references – using Mandali. College of Science, Chemistry Department. (2017)
54	Lecture (Enriching Talent- Presenting a lecture explaining the stages of research as an integrated idea by presenting a research of specialization) - Organized of College of Science at the University. (2018)
55	Attend the induction meeting on the processing of laboratories to obtain ISO 17025: 2017- Provided by the University. (2018)
56	Attend all scientific meetings in chemistry department in each semester.
57	Attend Scientific lecture entitled comprehensive overview of the effect of nanoparticles against parasitic diseases. College of Science, Saudi Chemical Society. (2018)



58	
59	Attend the introductory lecture to introduce the QS University Ranking System Which was presented by the advisor to His Excellency the President of the University, in the presence of His Excellency the President of the University. College of Science. (2018)
60	Attend the Introductory meeting provided by University Vice President Female Student Affairs entitled Knowledge Café at Imam Abdulrahman Bin Faisal University.(2018)
61	Attend a workshop entitled “10 Effective Formative Assessment Techniques for the class room” provided by Deanship of University Education Development at Imam Abdulrahman Bin Faisal University. (2018)
62	Attend a workshop entitled Manage your account at the university's libraries using BookMyne provided by Deanship of Library Affairs, College of Science. (2018)
63	Attend Scientific symposium about Design and Synthesis of Highly Efficient Photocatalysts for Environmental Remediation. Scientific Research Committee, Chemistry Department. (2019)
64	Attend a workshop entitled / performance indicators and Reference comparison presented by Quality Support Coordinator for the College of Science at Imam Abdulrahman Bin Faisal University. (2019)
65	Workshop on the program – Qasd. College of Science. (2019)
66	Attend a workshop Psychological Burnout (Job Depression) provided by University Counselling Center, Imam Abdulrahman Bin Faisal University. (2019)
67	Attend a workshop entitled “Women leadership in Higher Education” presented by Academic Command Center, Ministry of Education at Al-Khobar-Park In Hotel. (2019)
68	Attend the first meeting and Workshop of heads of academic departments - experiences and expertise at Imam Abdulrahman Bin Faisal University. (2019)
69	Attend a workshop entitled Teaching and Learning Leadership provided by the University of Imam Abdulrahman Bin Faisal. (2019)
70	Workshop question banks management system using the Question Mark provided by Center for the quality of evaluation and tests, Deanship of Electronic Learning. (2019)
71	Workshop for review writing descriptions and reports submitted by the Deanship of Quality, Development and Academic Accreditation. College of Science.(2019)
72	Scientific Lecture entitled Scientific publishing presented by Department of Chemistry in cooperation with the branch of the Saudi Chemical Society, College of Science. Imam Abdulrahman Bin Faisal University. (2019)
73	Attend and presided Scientific symposium entitled Tetra-Substituted Nickel Phthalocyanines: Synthesis and Antibacterial Activity. Scientific Research Committee- Chemistry Department. (2020)
74	Attend and presided Scientific Symposium entitled Conversion of Curcumin into Heterocyclic Compounds as Potent Anti-Diabetic and Anti-Histamine Agents. The branch of the Saudi Chemical Society in the Department of Chemistry. (2020)
75	Attend and presided Scientific Symposium entitled Alteration of Serum and Hepatic Trace Element Level in Non-alcoholic Fatty Liver Disease-induced by High-fat Sucrose Diet. Scientific Research Committee- Chemistry Department.(2020)
76	Attend and presided Scientific Symposium entitled Theoretical and experimental investigation of two alkyl carboxylates as corrosion inhibitors for steel in acidic medium. Scientific Research Committee- Chemistry Department. (2020)
77	Attend and presided Scientific Symposium entitled Theoretical and experimental investigation of two alkyl carboxylates as corrosion inhibitors for steel in acidic medium. Scientific Research Committee- Chemistry Department. (2020)
78	Attend and presided Scientific Symposium entitled Hexamethylene-1,6-bis(N-D-glucopyranosylamine) as a novel corrosion inhibitor for oil and gas industry: Electrochemical and computational analysis. Scientific Research Committee- Chemistry Department. (2020)



79	Attend Discussion of the Master Thesis of Fatima Alqarni entitled Eco-Friendly Synthesis of Metal Doped TiO <sub>2</sub> Nanoparticles for Photocatalytic Application in Water Treatment. Agency for Postgraduate Studies and Scientific Research- Chemistry Department. (2020)
80	Attend many meetings aimed at developing the strategic plan for the College of Science. College of Science.
81	Attend all eleven standards workshops for self-study for the Chemistry program - submitted by the Quality Support Coordinator for the College of Science. College of Science.
82	Scientific Lecture entitled Innovation life...Teaching to learn innovation provided by University Agency for Innovation and Entrepreneurship, Imam Abdulrahman Bin Faisal University. (2020)

## Webinar

1	Presented a training course for community service entitled safety in chemical laboratory (online). (2020)
2	Workshop entitled The interactive lecture in the virtual learning environment (online) provided by Deanship of University Education Development. (2020)
3	Workshop entitled Creative Thinking (online) provided by Deanship of University Education Development. (2020)
4	The virtual training course to introduce the risk management system- provided by the Deanship of Quality and Academic Accreditation. (2020)
5	Administrative leadership training program (online) provided by Institute of Public Administration.(2020)
6	Workshop Infographic design by using PowerPoint (online) provided by Vice Deanship of Academic Affairs, College of Science. (2020)
7	Training course entitled Distance working culture, Administrative side (online) provided by Human Resources Development Fund. (2020)
8	Administrative leadership training program (online) provided by Institute of Public Administration.(2020).
9	Webinar entitled achieve distinction in the time of Corona (online) provided by the Saudi Chemical Society. (2020)
10	Webinar entitled Smart Material Applications (online) provided by Saudi Chemical Society. (2020)
11	Workshop presented by the Deanship of University Education development entitled/ The role of a faculty member in developing professional performance (online). (2020)
12	Training course entitled Advanced trainers training (online) Accredited by the General Organization for Technical and Vocational Training for 30 training hours. (2020)
13	Training course entitled The art of creating success (online) provided by the General Organization for Technical and Vocational Training. (2020)
14	Webinar entitled Semiconductors from a raw material down to a tool (online) provided by Saudi Chemical Society. (2020)
15	Webinar entitled Safety in chemistry laboratory (online) provided by Saudi Chemical Society. (2020)
16	Workshop entitled Developing positive thinking among students (online) provided by Deanship of University Education Development. (2020)

## Administrative Responsibilities Committees Membership

#	From	To	Position	Organization
1	2007	2014	Member	Committee on Academic Advising at Chemistry Department.
2	2011	2013	Member	Committee of tables at Chemistry Department.



3	2008	2009	Member	Community service at Chemistry department (2008-2009).
4	2009	2010	Member	Committee for Security and Safety at Chemistry Department
5	2007	2013	Member	Monitoring exams Committee at Chemistry Department.
6	2010	2011	Member	Activities committee at Chemistry Department.
7	2007	2008	Member	Monitoring committee uniforms.
9	2014	2015	Chair	Quality and Accreditation at Chemistry Department.
10	2015	2016	Chair	The organizing committee of the conduct of tests at Chemistry Department.
11	2016	2020 (4 years)	Head	Head of Chemistry department.
12	2017	2019	Member	The Strategic Planning Committee at College of Science.
13	2017	2020	Member	The Advisory Committee of the Quality, Development and Academic Accreditation Unit- Chemistry Department.
14	2017	2019	Member	Committee for the nomination of faculty members, recruits, lecturers, assistant researchers and language teachers.
15	2017	2020	Member	Member of the Advisory Committee for the Chemistry Program.
16	2017	2020	Member	Member of the Faculty of Science Council.
17	2015	2020	Member	Graduate Studies Committee Chemistry Department and Scientific Research.

## Volunteer Work

#	From	To	Type of Volunteer	Organization
1	December 2011	January 2011	Coordinated the Third Student Scientific Conference on Higher Education.	College of Science, University of Dammam
2	2011	2011	Participated in national center for assessment in higher education for high school graduates. (Qiyas)	College of Science, University of Dammam
3	December 2015	June 2016	Development of the curriculum plan for the chemistry program	College of Science, University of Dammam
4	Every year		Participated in guidance and counseling and educational administration student	College of Science, University of Dammam
5	Summer 2016		Managing the International Summer Mawhiba Program (SARSI- 2016).	College of Science (University of Dammam), Saudi Aramco



		(manager of the program)	Company, the Center of Excellence in Education (CEE) and King Abdulaziz & his Companions Foundation for Giftedness & Creativity.
6	2017- 2018	Arbitration of scientific research for gifted students in the field of scientific research and innovation (chemistry)	Al Bassam National schools
7	23-25/1/2018	Declamation a lecture on the Enrichment talent program.	College of Science, Imam Abdulrahman Bin Faisal University.
9	Summer 2018	Presented a training course for community service entitled safety in chemical laboratories.	College of Science, Imam Abdulrahman Bin Faisal University (for 4 weeks)
9	Summer 2019	Presented a training course for community service entitled safety in chemical laboratories.	Online.
10	September 2020	Presenting a lecture in which I congratulated the National Day, introducing the importance of chemistry and its relationship to other sciences and its various applications, in addition, shedding light on the field of chemical industries in light of the Kingdom's vision 2030 and the transformation leading to global leadership in this field.	Online.
11	October 2020	Declamation of a lecture on the Enrichment talent program.	Online.

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

1	Laboratory experiences during M.Sc. and PhD as different assays techniques in the lab Products preparation and extraction experiences for lab. Animals, etc.
2	Computer Skills: skills in computer programs as office, word - Microsoft excel, outlook- power point- SPSS -- Slid write and graph pad for statistics.
3	Searching data bank: Chemical abstracts and SciFinder.

### Last Update

August/ 2024