



CV-DR SHEIKHA ALKHURSANI



[DATE]
TOSHIBA
[Company address]



Shiekha Abdullah AlKhursani

Assistant Professor OF Organic Chemistry

Personal Data

Nationality | Saudi
Date of Birth | AL- Khobar
Department | supportive & general subject
Official IAU Email | salkhursani@uod.edu.sa

Office Phone No. | Sisco (38704)

Language Proficiency

Language	Read	Write	Speak
Arabic	✓	✓	✓
English	✓	✓	✓
Others			

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
14/1/1414 H	Bachelor	Dammam University	14/1/1414 H
22/2/1419 H	Masters	Dammam University	22/2/1419 H
5/5/1426 H	PhD	Dammam University	5/5/1426 H



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

PhD	Nucleic Acid Components And Their Analogues :Synthesis of Various Heterocyclic Nucleosides	
Master	SYNTHESIS OF SOME NEW GLYCOSIOES	
Fellowship	Nucleotides Glycosides and nucleic acids and its scope in the treatment of tumors	

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Assistant professor	lau- college of education in Jubail	1/3/1428	recent
Lecture	college of education in Jubail	1424	١٤٢٩/٢/٢٩
Lecture	Science college in Dammam	4/4/1419	هـ ١٤٢٤
Assistant teacher	Science college in Dammam	14/1/1414	١٤١٩/٤/٣ هـ

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Head of Scientific Research Unit		1436 H - 1440
Head of Standard no. 9 & 10 (Community Service & Scientific Research in self studies.		1435 H - 1436 H
Head, Department of physics		23/8/1428H-1435 H
The Chairperson of the Commission on the lab chemistry		1428H – 1431H
Board member of the Fund for female students		1428H – 1429H



Chairman of the monitoring committees for the departments in the Faculty of education at Al Jubail		1427H – 1428H
An attorney for the students in the Faculty of education at Al Jubai		13/6/1426H
Director of college admission and registration		1426H – 1427H
The Chairperson of the Commission on the conduct of examinations Department of mathematics		1424H
Member of the committees on ACPA (chemistry, Botany, mathematics) at the Faculty of science for girls Dammam		
Member of the Committee in the Department of chemistry, Faculty of science in Dammam		
Member of the Committee for academic affairs in the Department of chemistry, Faculty of science in Dammam		
Member of the chemistry factor inventory Science College in Dammam		1414H – 1415H
Participate in correcting acceptance tests in science in Dammam		
Participate in graduation ceremonies at the Faculty of science in Dammam		
Participation in the celebration of the year of the centennial of the unification of the Kingdom where the sponsor as a key member of the exhibition pavilion at the annual guidance and College ceremony to open under the honor Princess jawaher Bint Naif Al-Saud		
Member of the social and cultural Department of chemistry in Dammam		
A questionnaire was distributed to students of the Faculty of Science (the role of women in society, the pros and cons (and its balahdaeat graphic on the theater Faculty of science was also organized a lecture this address		

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	Sheikha A. Alkhursani, Mohamed Mohamady Ghobashy, Dalal Mohamed Alshangiti, Samera Ali Al- Gahtany, Abeer S. Meganid, Norhan Nady Sheikha A. Alkhursani, Mohamed Mohamady Ghobashy, Dalal Mohamed Alshangiti, Samera Ali Al- Gahtany, Abeer S. Meganid, Norhan Nady, Gamal Abdel Nasser Atia & Mohamed Madani	Plastic waste management and safety disinfection processes for reduced the COVID-19 Hazards	<i>International Journal of Sustainable Engineering Volume 16, 2023 - Issue 1</i>
2	Sheikha A. Alkhursani , Mohamed Mohamady Ghobashy, , Samera Ali Al- Gahtany , Abeer S. Meganid , Shady M. Abd El-Halim , Zubair Ahmad, Farhat S. Khan , Gamal Abdel Nasser Atia and Simona Cavalu ,	Application of Nano- Inspired Scaffolds-Based Biopolymer Hydrogel for Bone and Periodontal Tissue Regeneration	<i>Polymers 2022, 14, 3791.</i> https://doi.org/10.3390/ /polymer14183791
3	Ghobashy, M.M., Alshangiti, D.M., Alkhursani, S.A., ...Madani, M., Kodous, A.S.	<i>Aspects of the physiochemical properties of SARS-CoV-2 to prevent S-protein receptor binding using Arabic gum</i>	<i>Green Processing and Synthesis this link is disabled, 2022, 11(1), pp. 150–163</i>



4	<p><i>Madani, M., Hosny, S., Alshangiti, D.M., ...Ghobashy, M.M., Gaber, G.A.</i></p>	<p><i>Green synthesis of nanoparticles for varied applications: Green renewable resources and energy-efficient synthetic routes</i></p>	<p><i>Nanotechnology Reviewsthis link is disabled, 2022, 11(1), pp. 731–759</i></p>
5	<p><i>Ghobashy, M.M., El-Damhougy, B.K., El-Wahab, H.A., ...Alkhursani, S.A., Alshangiti, D.M.</i></p>	<p><i>Controlling radiation degradation of a CMC solution to optimize the swelling of acrylic acid hydrogel as water and fertilizer carriers</i></p>	<p><i>Polymers for Advanced Technologiesthis link is disabled, 2021, 32(2), pp. 514–524</i></p>
6	<p><i>Ghobashy, M.M., Amin, M.A., Nady, N., ...Al-Gahtany, S.A., Zaher, A.A.</i></p>	<p><i>Improving Impact of Poly(Starch/Acrylic Acid) Superabsorbent Hydrogel on Growth and Biochemical Traits of Sunflower Under Drought Stress</i></p>	<p><i>Journal of Polymers and the Environmentthis link is disabled, 2021</i></p>
7	<p><i>Gaber, G.A., Ghobashy, M.M., Madani, M., ...Al-Gahtany, S.A., Nady, N.</i></p>	<p><i>Study of the corrosion-inhibiting activity of the green materials of the Posidonia oceanica leaves' ethanolic extract based on PVP in corrosive media (1 M of HCl)</i></p>	<p><i>Green Processing and Synthesisthis link is disabled, 2021, 10(1), pp. 555–568</i></p>
8	<p><i>Ghobashy, M.M., Abd El-Wahab, H., Ismail, M.A., ...Meganid, A.S., Alkhursani, S.A.</i></p>	<p><i>Characterization of Starch-based three components of gamma-ray cross-linked</i></p>	<p><i>Materials Science and Engineering B: Solid-State Materials for Advanced</i></p>



		<i>hydrogels to be used as a soil conditioner</i>	<i>Technologythis link is disabled, 2020, 260, 114645</i>
9	<i>Mohamed Mohamady Ghobashy, Dalal Mohamed Alshangiti, Sheikha A. Alkhursani, Samera Ali Al-Gahtany, Fathiah Salem Shokr, and Mohamed Madani*</i>	<i>Improvement of In Vitro Dissolution of the Poor Water-Soluble Amlodipine Drug by Solid Dispersion with Irradiated Polyvinylpyrrolidone</i>	<i>ACS Omega 2020, 5, 34, 21476-21487</i>
10	<i>Mohamed Mohamady Ghobashy, , H. Abd El-Wahab , Mohamed A. Ismail, A.M. Naserb , Farag Abdelhai , Basem Kh. El-Damhougy , Norhan Nady , Abeer S. Meganid , Sheikha A. Alkhursani</i>	<i>Characterization of Starch-based three components of gamma-ray crosslinked hydrogels to be used as a soil conditioner</i>	<i>Materials Science & Engineering B 260(2020)114645</i>
11	<i>SHEIKHA A. ALKHURSANI, MOHAMED MOHAMADY GHOBASHY, and MOHAMED MADANI</i>	<i>Radiation Synthesis of Organostarch as Fluorescence Label</i>	<i>Asian Journal of Chemistry; Vol. 32, No. 7 (2020), 1799-1805</i>
12	<i>SHEIKHA A. ALKHURSANI MOHAMED MADANI, and MOHAMED MOHAMADY GHOBASHY.</i>	<i>Photocatalytic TiO2 Embedded on PET-g-PAAc Fabric by Sono-gamma Irradiation Technique</i>	<i>Asian Journal of Chemistry; Vol. 32, No. 2 (2020), 349-353</i>
13	<i>Dalal Mohamed Alshangiti, Mohamed Mohamady Ghobashy, Sheikha A. Alkhursani, Fathiah Salem Shokr, Samera Ali Al-Gahtany, Mohamed Madani</i>	<i>Semi-permeable membrane fabricated from organoclay/PS/EVA irradiated by γ-rays for water purification from dyes</i>	<i>Journal of Materials Research and Technology Published online: 1 november 2019</i>



14	<i>Galal H. Elgemeiea, Sheikha A. Alkhursanib, and Reham A. Mohamedc</i>	<i>New synthetic strategies for acyclic and cyclic pyrimidinethione nucleosides and their analogues</i>	<i>NUCLEOSIDES, NUCLEOTIDES AND NUCLEIC ACIDS (Taylor&Francis) Published online: 07 Feb 2019</i>
15	<i>Galal H. Elgemeie, Nahed M. Fathy, Ayman B. Farag & Sheikha A. Alkhursani</i>	<i>Design, synthesis, molecular docking and antihepatocellular carcinoma evaluation of novel acyclic pyridine thioglycosides</i>	<i>NUCLEOSIDES, NUCLEOTIDES AND NUCLEIC ACIDS (Taylor&Francis) Published: 2018/3/4 2018,vol37 No 3-186- 198</i>
16	<i>Mohamed M. Ghobashy · Sheikha A. Alkhursani · Mohamed Madani</i>	<i>Radiation-induced nucleation and pH-controlled nanostructure shape of polyaniline dispersed in DMF</i>	<i>Polymer Bullinet CrossMark Accepted: 9 April 2018 Published online: 23 Apr 2018.</i>
17	<i>Galal H. Elgemeie, Nahed M. Fathy, Ayman B. Farag, and Shekha S. Al-Kursani</i>	<i>Antimetabolites: Design, synthesis, and cytotoxic evaluation of novel dihydropyridine thioglycosides and pyridine thioglycosides</i>	<i>NUCLEOSIDES, NUCLEOTIDES AND NUCLEIC.2017,36,355- 377</i>
18	<i>Elgemeie.G.H.Hussein.M. M.Alkhursani.S.A</i>	<i>A Total Synthesis of a New Class of biazine Thiglycol</i>	<i>J.Of Carbohydrate Research.2004,23(8/9), 465-482</i>



#	Name of Investigator(s)	Research Title	Journal	Acceptance Date
1				
2				

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date

Current Researches

#	Research Title	Name of Investigator(s)

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
	The Preparatory meeting of UOD for Institutional Accreditation pre the Review Panel Visit	12/06/1436 – 1st April 2015 FROM 09:00 am to 3:00 AM Venue: Main Auditorium – Building	Attendance



Opening Session The Strategic Partnership Project between University of Dammam & Thomson Reuters	30 March 2015	Attendance
Chemistry National Conference organized by the Saudi Chemical Society	Makkah – 27/3/1428H – 29/3/1428H	Attendee
First Saudi Conference of Science (new features to the role of science faculties in the Kingdom) organized by the King Fahd University of Petroleum	King Fahd University of Petroleum 5/1/1422H – 7/1/1422H	A member of the Technical Committee of the Conference Support
Attend the scientific forum held by the Department of Education and Psychology in the College	college of education in Jubail 4-5/7/1439	Attendance

Membership of Scientific and Professional Societies and Organizations

- Saudi Chemical Society - Riyadh
- Member of the Scientific Committee to develop programs
- Chairperson of the Committee labs

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
	General Chemistry (1)	Chem 203	lectures
	General Chemistry (1)	Chem 203	lab
	Chemistry basics chem303 theoretical	Fifth level in the primary grades department	lectures



General Chemistry (1) theoretical inorganic	1st Division, Department of physics and mathematics in the Faculty of education at Al Jubail	lectures
General Chemistry (2)	1st Division, Department of physics and mathematics in the Faculty of education at Al Jubail	lectures
General Chemistry (1) chem101 theoretical	The preparatory phase – the scientific section	lectures
Practical organic chemistry	All teams of the Department of chemistry, Faculty of science	lab
Analytical Chemistry (mixtures – analysis – analysis of El Hadji)	Of all the teams chemistry and botany, Faculty of science	lab
Physical chemistry (thermodynamics)	2nd Department of chemistry	lab
Biochemistry process	All teams of the Department of chemistry, Faculty of science	lab
General Chemistry (1) practical (inorganic physicist)	The first sections of the Division of physics and mathematics of the Faculty of education at Al Jubail	lab
General Chemistry (2) Lab membership	The first sections of the Division of physics and mathematics of the Faculty of education at Al Jubail	lab
General chemistry lab	Of all the teams first departments, Faculty of Science (Chemistry – Physics – mathematicians – plant-animal)	lab



Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
	1	55 (Mentoring)		

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date
	Master	One Pot Synthesis And Characterization Of Some Novel Phthalazine Derivatives By Using Microwave Assisted	internal examiner	22/6/1442 4/2/2021

Ongoing Research Supervision

#	Degree Type	Title	Institution	Date



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

Administrative Responsibilities

#	From	To	Position	Organization
1436 H		1440	Head of Scientific Research Unit	Education College OF Jubail
1435 H		1436 H	Head of Standard no. 9 & 10 (Community Service & Scientific Research .	Education College OF Jubail
23/8/1428H		-1435 H	Head, Department of physics	Education College OF Jubail
1428H		1431H	The Chairperson of the Commission on the plants chemistry	Education College OF Jubail
1428H		1429H	Board member of the Fund for female students	Education College OF Jubail
1427H		1428H	Chairman of the monitoring committees for the departments in the Faculty of education at Al Jubail	Education College OF Jubail
13/6/1426H			An attorney for the students in the Faculty of education at Al Jubai	Education College OF Jubail
1426H		1427H	Director of college admission and registration	Education College OF Jubail
1424H			The Chairperson of the Commission on the conduct of examinations Department of mathematics	Education College OF Jubail
			Member of the committees on ACPA	Science College of Dammam



		(chemistry, Botany, mathematics) at the Faculty of science for girls Dammam	
١٤٣٧		Participation of Orphan Day	General subject department - Education College OF Jubail
١٤٣٣	١٤٣٧	Arbitration charm physics ٤-٣-٢-١ gallery	The physical Department - Education College OF Jubail
١٤٣٧		Arbitration gallery graduation projects for the Department of Computer	the Department of Computer - Education College OF Jubail

Committee Membership

#	From	To	Position	Organization
١	1425 h	At recent	Saudi Chemical Society	Saudi Chemical Society - King Saud University
٢	1438	At recent	Member of the Scientific Committee to develop programs	General subject department
٣	1428		Chairperson of the Committee labs	General subject department

Scientific Consultations

#	From	To	Institute	Full-time or Part-time

Volunteer Work

#	From	To	Type of Volunteer	Organization



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

1	reading
2	The use of technology in the field of education i.e. e-learning
3	self-development

Last Update

...9./...1.../2023