



## Assistant Professor

### Personal Data

**Nationality** | Saudi

**Department** | Chemistry

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### Language Proficiency

Language	Read	Write	Speak
Arabic	Very good	Very good	Very good
English	Very good	Very good	Very good

### Academic Qualifications (Beginning with the most recent)

Academic Degree	Place of Issue	Address
PhD	KAU	Jeddah
Master	SDSU	SU
Bachelor	Jazan U	Jazan

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

PhD	Extraction and Removal of Organic and Inorganic Pollutants Using Different Types of Nanomaterials
Master	A novel Sample Preparation Technique "ICE Concentration Linked with Extractive Stirrer (ICECLES)

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

Job Rank	Place and Address of Work		Date
Assistant Professor	Jazan	Chemistry Department- Science College	Present
Assistant Professor	IAU	Chemistry Department, IAU	2022-2023
Assistant Professor	KAU	Cooperative at Chemistry Department, KAU	2021-2022
Lecturer	KAU	Cooperative at Chemistry Department, KAU	2018-2020
Lecturer	Jazan	Cooperative at Chemistry Department, Jazan	2017-2018

### Scientific Achievements

#### Published Refereed Scientific Research

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Journal	Date of Publication
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1	Esraa M. Bakhsha, <b>Nujud Maslamani</b> , Kalsoom Akhtara, Abdullah M. Asiria,c, *Sher Bahadar Khana	NiO-Fe <sub>2</sub> O <sub>3</sub> embedded calcium alginate-carboxymethyl cellulose composite as an efficient nanocatalyst for 4-nitrophenol reduction	Inorganic Chemistry Communications	2023
2	Esraa M. Bakhs Sher Bahadar Khan <b>Nujud Maslamani</b> Ekram Y. Danish Kalsoom Akhtar, Abdullah M. Asiri	Carboxymethyl Cellulose/Copper Oxide–Titanium Oxide Based Nanocatalyst Beads for the Reduction of Organic and Inorganic Pollutants	Polymers	2023
3	N.Phadke Swathi, Seranthimata Samshuddin , Tlal A. Aljohani, Kedila Rasheeda, Vijay D. P. Alva c, Irshad Baig <b>Nujud Maslamani</b> , Aeshah Hassan Alamri	Investigation of some new triazole derivatives for inhibiting the acid corrosion of C1018 carbon steel: Correlation of electrochemical studies with quantum chemical calculations	South African Journal of Chemical Engineering	2023
4	Moussa Rehab Mohamed A. El Hamd Mohammed Gamal Safaa F. Saleh <b>Nujud Maslamani</b> - Wejdan T. Alsaggaf	Green Bio-Analytical Study of Gabapentin in Human Plasma Coupled with Pharmacokinetic and Bioequivalence Assessment Using UPLC-MS/MS	Separations	2023
5	<b>Nujud Maslamani</b> Sher Bahadar Khan, Ekram Y.Danish, Esraa M. Bakhsh ,Abdullah M.Asiri.	Recyclable chitosan@carboxymethylcellulose/CuO-Co <sub>2</sub> O <sub>3</sub> nanoadsorbent waste as a super catalyst for the removal of water pollutants	Journal of Gels	2022
6	<b>Nujud Maslamani</b> , Khan, S. B., Danish, E. Y., Bakhsh, E. M., Akhtar, K., & Asiri, A. M.	Metal nanoparticles supported chitosan coated carboxymethyl cellulose beads as a catalyst for the selective removal of 4-nitrophenol.	Chemosphere	2022
7	<b>Nujud Maslamani</b> , Ekram Y. Danish	Chitosan/CMC/ metal oxide beads as a supper adsorbent and catalyst for organic and inorganic pollutants	KAU conference	2021
8	<b>Nujud Maslamani</b> Sher Bahadar Khan, Ekram Y.Danish, Esraa M. Bakhsh,ShaiK M.Zakeeruddin,Abdullah M.Asiri	Super adsorption performance of carboxymethyl cellulose/copper oxide-nickel oxide nanocomposite toward the removal of organic and inorganic pollutants	Environmental Science and Pollution Research	2021
9	<b>Nujud Maslamani</b> , Sher Bahadar Khan, Ekram Y.Danish, Esraa M. Bakhsh,ShaiK M.Zakeeruddin,Abdullah M.Asiri.	Carboxymethyl cellulose nanocomposite beads as super-efficient catalyst for the reduction of organic and inorganic pollutant	Journal of International Journal of Biological Macromolecules	2020

10	Nujud Maslamani, Erica Manandhar, Danielle K. Geremia, Brian A. Logue	ICE Concentration Linked with Extractive Stirrer (ICECLES)	Journal of Analytical Chimica Acta	2016
11	Erica Manandhar, Nujud Maslamani, Ilona Petrikovics, Gary A. Rockwood, Brian A. Logue	Determination of dimethyl trisulfide in rabbit blood using stir bar sorptive extraction gas chromatography-mass spectrometry	Journal of Chromatography A	2016

#### Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	ICE Concentration Linked with Extractive Stirrer (ICECLES). 2016	251st American Chemical Society National Meeting & Exposition, San Diego, CA, March 13-March 17, 2016. Division of Analytical Chemistry, #ANYL 352.	Poster presentation
2	ICE Concentration Linked with Extractive Stirrer (ICECLES), 2016	A novel sample preparation technique for ultratrace analysis. PITTCON 2106 Meeting, Atlanta, GA	Oral presentation
3	ICE Concentration Linked with Extractive Stirrer (ICECLES). 2016	AOAC INTERNATIONAL MIDWEST, SECTION MEETING, Sioux Falls, SD, April 25-27, Food Symposium Section III.	Poster presentation
4	Ice Concentration Linked with Extractive Stirrer (ICECLES). 2017	Stir-bar Sorptive Extraction User Meeting, Paris, France, September 19-20.	Poster presentation
5	Trace Analysis of Pesticides in Local Surface Waters using Ice Concentration Linked with Extractive Stirrer (ICECLES).	SD EPSCoR Undergraduate Research Symposium, Pierre, SD, August 1, #24p.	Poster presentation
6	ICE Concentration Linked with Extractive Stirrer (ICECLES) coupled with thermal desorption gas chromatography mass spectrometry for ultratrace analysis.	Minnesota Chromatography Forum, Minneapolis, MN, May 3-4, Environmental Analysis #16.	Oral presentation

7	Stir Bar Sorptive Extraction coupled with spectrophotometry (SBSE-UV-vis) for determination and pre-concentration of Eosin Yellow	IAU, 2022	Poster presentation
8	Metal nanocomposite supported on Gelatin-Chitosan hydrogel as a catalyst for removal of dyes and inorganic pollutant	IAU, 2023	Poster presentation

### Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad	Year	
1	Analytical Lab			√	2017	JU
2	Organic Lab			√	2017	JU
3	Chromatography Lab			√	2018-2021	KAU
4	Instrumental Analysis			√	2018-2021	KAU
5	General chemistry Lecture			√	2021-2022	KAU
6	Physics Lab 202			√	2021	KAU
7	General chemistry (1)			√	2021	KAU
8	Instrumental Analysis I 304			√	2022	IAU
9	Instrumental Analysis II 411	√		√	2022	IAU
10	General Lab			√	2023	IAU
11	Electrochemical Lab			√	2023	IAU
12	Organic Lab			√	2023	IAU

### Student Academic Supervision and Mentoring

#	Level	Number of Students	Year	
1	Undergraduate's research	5 students	2014-2016	South Dakota State University
2	Undergraduate's research level	4 students	2022	IAU
3	Undergraduate's research level	4 students	2023	IAU

### Training courses or programs

#	
1	Faculty Mentorship Certification Program. (FMCP), Imam Abdulrahman Bin Faisal University, 2022
2	The Academic Leaders Forum in its first session, Ministry of education, 2022
3	Core Competencies in Teaching and Learning for Faculty Members (56), Imam Abdulrahman Bin Faisal University, 2022

4	The role of the leader in activating design thinking, Imam Abdulrahman Bin Faisal University, 2022
5	الدورات التدريبية لمسار صاعد ضمن برنامج الباحث العلمي الناجح, كلية العلوم, جامعة الامام محمد بن فيصل
6	The 7th Forum of Local Ethics Committees, King Abdulaziz City for Science and Technology, 2022
7	دورة التعرف على نظام البلاك بورد وإنشاء المحتوى, كلية العلوم, جامعة الامام محمد بن فيصل
8	برنامج (القيادة الاستراتيجية) 2023, مركز القيادة بجامعة الإمام عبد الرحمن بن فيصل
9	ورشة عمل "تعليم الموهوبين في البرامج الدراسية وكالة الشؤون الأكاديمية بكلية العلوم 2023
10	القيادة التعليمية الإبداعية 2023 - مركز القيادة بجامعة الإمام عبد الرحمن بن فيصل

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

##### Committee Membership

#	From	To	Position	Organization
	2022	2023	Member of the Public Relations Committee	Chemistry department
	2022	2023	Member of the curriculum development strategies committee	Chemistry department
	2022	2023	Member of the E-Learning Committee	Chemistry department
	2022	2023	Member of the Alternative Evaluation committee	Science college

##### Volunteer Work

#	From	To	Type of Volunteer
1	2021	2022	مشرفة على مجموعة من طلبة الدراسات العليا في مبادرة رواسن
2	2023	2023	مقدم ورشة تدريبية لبرنامج الباحث العلمي الناجح بكلية العلوم جامعة الامام عبد الرحمن بن فيصل
3	2015 2015	2015	Participate on Saudi Night
4	2014	2016	Saudi club

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

1	Research
2	Laboratory Skills
3	Problem-solving
4	Work effectively both as a team member and independently
5	Communication
6	Trustworthiness & Ethics
7	Critical Thinking

#### RESEARCH SKILLS

1	Extraction using ICECLES
2	Extraction using SBSE
3	Purification of drinking water
4	Filtration
5	Synthesis of nanomaterial/Polymer nanocomposite

6	UV-vis spectrophotometry
7	Catalysis
8	Adsorption
9	GCMS analysis
10	HPLC analysis
11	GCMS-TD

Last Update

**2023**

Nujud Maslamani