



# FACULTY FULL NAME: Hind Ahmed Saleh AlGhamdi

POSITION: Assistant Professor

## Personal Data

Nationality | Saudi

Date of Birth | 18/12/1989

Department | Chemistry

Official IAU Email | hasalghamdi@iau.edu.sa

Office Phone No. | 37322

## Language Proficiency

Language	Read	Write	Speak
Arabic	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent
Others	-	-	-

## Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
25/10/2021	PhD degree in Chemistry	The University of Manchester	Manchester - United Kingdom
19/11/2015	Master's degree in chemistry	The University of Manchester	Manchester - United Kingdom
23/11/2011	Bachelor's degree of Science in Chemistry	University of Dammam	Dammam – Saudi Arabia

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

PhD	Synthesis and Chemistry of Fluorinated Phosphine Ligands
Master	Synthesis and Chemistry of Fluorinated Phosphine Ligands



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

Job Rank	Place and Address of Work	Date
Assistant Professor	Imam Abdulrahman Bin Faisal University - Dammam	2022- Now
Lecturer	Imam Abdulrahman Bin Faisal University - Dammam	2016 - 2022
Teaching assistant	Imam Abdulrahman Bin Faisal University - Dammam	2011- 2015

### 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	Raoudha Soury Mahjoub Jabli Mabrouka El Oudi Khalaf M. Alenezi Ahmed Al Otaibi Fahad Abdulaziz Hind A. AlGhamdi Amor Bchetnia	New complexes of [5,10,15,20- (tetraphenylporphyrin)] and dichloride (5,10,15,20- tetraphenylporphyrinato) antimony(V) hexachloridoantimonate(V) functionalized with polyethyleneimine: Synthesis, characterization, and application in Eriochrome Black T adsorption from water	12/11/2024 - Polyhedron
2	Huda Alkhalidi (Author) Sarah Alharthi (Author, <a href="#">0000-0001-9373-1811</a> )	Sustainable polymeric adsorbents for adsorption- based water remediation and	17/09/ 2024 - RSC Advances



	<p>SALHA ALHARTHI Hind A. AlGhamdi Yasmeen M. AlZahrani Safwat A. Mahmoud Lamia Galal Amin Waleed E. Boraie Mohamed S. Attia Samera Ali Al-Gahtany Nadiyah Aldaleeli Mohamed Ghobashy Ahmed Ibrahim Sharshir Mohamed Madani Reem Darwesh Sana F. Abaza</p>	<p>pathogen deactivation: a review</p>	
<p>3</p>	<p>Hind A. AlGhamdi (Author) Yasmeen M. AlZahrani (Author) Salha Alharthi (Author) Mohamed S. Mohy- Eldin (Author) Ekram H. Mohamed (Author) Sheta M. Sheta (Author) Said M. El-Sheikh (Author) Safwat A. Mahmoud (Author) Mohamed S. Attia (Author)</p>	<p>Novel sensor for the determination of CA 15-3 in serum of breast cancer patients based on Fe–gallic acid complex doped in modified cellulose polymer thin films</p>	<p>01/09/2023 – RSC Advances</p>



4	AlZahrani, Y.M.  Alharthi, S.  AlGhamdi, H.A.  Youssef, A.O.  Ahmed, S.S.  Mohamed, E.H.  Mahmoud, S.A.  Attia, M.S.	Highly selective optical sensor N/S-doped carbon quantum dots (CQDs) for the assessment of human chorionic gonadotropin $\beta$ -hCG in the serum of breast and prostate cancer patients	04/07/2023 – RSC  Advances
5	Eid M. S. Azzam Walaa I. Elsofany Fahad Abdulaziz Hind A. AlGhamdi Abdullah Y. AL alhareth	Ecofriendly Elimination of Ni (II) Using Fabricated Nanocomposite Based on Chitosan/Silver Nanoparticles/Carbon Nanotubes	21/06/2023 - MDPI

### Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	RSC Dalton Division Regional Meeting	University of York - 2019	Poster Presentation
2	5 <sup>th</sup> RSC Dalton Division Southern Meeting	University of Oxford - 2019	Poster Presentation



3	3rd International Conference of Egyptian Committee for Pure and Applied Chemistry (IC PAC22) (Chemistry and Climate Change)	Egyptian Committee for Pure and Applied Chemistry/ Hurghada / 12-15/10/2022	Attendance
4	The International Conference and Exhibition for Science (ICES2023)	King Saud University- Collage of Science / Riyadh / 6-8/02/2023	Attendance
5	Research Forum CHEM-IAU 2023	12-13/12/2023	
6	12 <sup>th</sup> International conference & exhibition on chemistry in industry (chemindx2024)	26-28 November 2024	Attendance

#### Membership of Scientific and Professional Societies and Organizations

- The Royal Chemistry of Society (Previous 2017 – 2020)
- Saudi Chemical Society (2022- now)

### Teaching Activities

#### Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Inorganic Chemistry	CHEM 208	Lecture
2	Inorganic Chemistry	CHEM 208	Lab
3	Safety in laboratory	CHEM 206	Lecture
4	Solid State Chemistry	CHEM 506	Lecture
5	Biochemistry 1	CHEM 401	Lab
6	Coordination Chemistry	CHEM 309	Lecture
7	Chemistry of Transition Elements	CHEM 209	Lecture
8	Coordination Chemistry	CHEM 309	Lab
9	Chromatographic Separations	CHEM 304	Lab
10	Analytical Chemistry	CHEM 204	Lab
11	Organic Chemistry 1		Lab
12	Organic compounds spectroscopy		Lab
13	Biochemistry 2		Lab



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

#	From	To	Position	Organization
1	2024	Now	Head of Committee	Public Relation, Media and Community Service Committee
2	2024	Now	Branch leader	Curriculum development in Postgraduate Committee
3	2022	2024	Branch leader	Quality Committee and Academic Accreditation in Postgraduate Committee
4	2022	2023	Member	Public Relation Committee
5	2022	now	Member	Postgraduate program development
6	2022	2023	Member	Undergraduate program development
7	2015	2016	Member	Quality Committee and Academic Accreditation
8	2011	2013	Member	Quality Committee and Academic Accreditation
9	2011	2013	Member	Examination Committee

**Certifications (Beginning with the most recent)**

#	Title	Place and Date
1	Discovering Values in Saudi Higher education	Imam Abdulrahman Bin Faisal University - 2024
2	Values in Global World	Imam Abdulrahman Bin Faisal University - 2024
3	Waste Management	Imam Abdulrahman Bin Faisal University - 2024
4	Advanced Nanomaterials : where every atom counts	Imam Abdulrahman Bin Faisal University - 2024
5	Designing education according to the (EDI) model	Imam Abdulrahman Bin Faisal University - 2024
6	Learning Outcomes for Programs and Courses	Imam Abdulrahman Bin Faisal University - 2024
7	How Artificial Intelligence is improving Education	Imam Abdulrahman Bin Faisal University - 2023
8	Self-Study Report	Imam Abdulrahman Bin Faisal University - 2023
9	Strategic Leadership	Imam Abdulrahman Bin Faisal University - 2023
10	The role of the leader in activating design thinking	Imam Abdulrahman Bin Faisal University - 2023



11	Academic promotions for faculty members	Imam Abdulrahman Bin Faisal University - 2023
12	Action Research in Teaching and Learning in University Education	Imam Abdulrahman Bin Faisal University - 2023
13	FMPC University Professor Career Guidance and Counselling Certificate Program	Imam Abdulrahman Bin Faisal University - 2022
14	Basic competencies in teaching and learning for university professors (56)	Imam Abdulrahman Bin Faisal University - 2022
15	Promising Leader	Imam Abdulrahman Bin Faisal University - 2022
16	Active Learning Strategies	Imam Abdulrahman Bin Faisal University - 2022
17	Strategic Plan Development	Imam Abdulrahman Bin Faisal University - 2022
18	The Electronic Catalog of The University Libraries	Imam Abdulrahman Bin Faisal University - 2022
19	Promoting Deep Learning in your Classroom (SOLO Taxonomy)	Imam Abdulrahman Bin Faisal University - 2022
20	Micro-teaching	Imam Abdulrahman Bin Faisal University - 2022
21	Graduate Teaching Assistant Training	The University of Manchester - 2020
22	Brain training seminars (Mater of Memory, Intelligent Speed reading, Introduction of Mind Map)	The Oxford Centre for the Mind - 2018
23	Chemical message marketing	Imam Abdulrahman Bin Faisal University - 2016
24	Water pollution and its impacts on the environments	Imam Abdulrahman Bin Faisal University - 2016
25	Crisis and disaster management	Imam Abdulrahman Bin Faisal University - 2016

### Community Service

#	From	To	Type of Volunteer	Organization
1	2022	2022	Field Tour (Laboratory Safety 2022)	Imam Abdulrahman bin Faisal University
2	2022	2022	Training Program	Imam Abdulrahman bin Faisal University



3	2022	2022	Arab Chemistry Week (Word of Chemistry)	Imam Abdulrahman bin Faisal University
4	2022	2022	Visit a nursing home	Imam Abdulrahman bin Faisal University
5	2022	2022	Celebrating World Children's Day	Imam Abdulrahman bin Faisal University
6	2023	2023	Candle Making workshop	Imam Abdulrahman bin Faisal University
7	2023	2023	Conducting chemistry experiments for high school students	Imam Abdulrahman bin Faisal University
8	2023	2023	Graduate Day Event	Imam Abdulrahman bin Faisal University
9	2023	2023	Chemistry Vision 2030	Imam Abdulrahman bin Faisal University
10	2023	2023	Breast Cancer Awareness Month Activation	Imam Abdulrahman bin Faisal University
11	2023	2023	Arab Chemistry Week (Our life is chemistry)	Imam Abdulrahman bin Faisal University
12	2024	2024	Breast Cancer Awareness Month Activation	Imam Abdulrahman bin Faisal University
13	2024	2024	Arab Chemistry Week (Chemistry of the promising horizon)	Imam Abdulrahman bin Faisal University
14	2024	2024	Little Chemist Corner	Imam Abdulrahman bin Faisal University
15	2024	2024	Visit to Grass Generations School (disabled category)	Imam Abdulrahman bin Faisal University
16	2024	2024	Dr. Stone	Imam Abdulrahman bin Faisal University
17	2024	2024	Presenting a workshop entitled Writing Scientific Research: From Idea to Publication	Imam Abdulrahman bin Faisal University
18	2024	2024	Atoms to application: real-world impacts of physical chemistry	Imam Abdulrahman bin Faisal University



19	2024	2024	Celebrating World Children's Day	Imam Abdulrahman bin Faisal University
20	2025	2025	Compass program	Imam Abdulrahman bin Faisal University

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

1	Microsoft Office.
2	ChemBioDraw Ultra 14.0.
3	SpinWorks.
4	MastReNova
5	Mercury
6	NMR (Burker) machine

Last Update

22/01/2025