



**FACULTY FULL NAME:** Nora Awad Ali Alkudaisi

**POSITION:** Assistant professor

### Personal Data

Nationality | Saudi

Date of Birth | 23/04/1989

Department | Physics

Official UoD Email | naalkudaisi@iau.edu.sa

Office Phone No. | 013-33-37242

### Language Proficiency

Language	Read	Write	Speak
Arabic	Good	Good	Good
English	Good	Good	Good
Others			

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

Date	Academic Degree	Place of Issue	Address
2021	Research in Physics / Ph.D.	University of Strathclyde	Glasgow - U.K.
2015	Nano Science/MSc.	University of Strathclyde	Glasgow - U.K.
2011	Physics /BS.c	University of Dammam	Dammam – K.S.A.



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

PhD	<p>“Detecting lysozyme unfolding via the fluorescence of lysozyme encapsulated gold nanoclusters.” The University of Strathclyde, Faculty of physics, U.K. Supervisors: Dr. Yu Chen, and Prof. David J. S. Birch.</p> <p>“Lysozyme encapsulated gold nanoclusters for probing the early stage of lysozyme aggregation under acidic conditions.” The University of Strathclyde, Faculty of physics, U.K. Supervisors: Dr. Yu Chen, and Prof. David J. S. Birch.</p>
Master	N/A
Fellowship	N/A

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

Job Rank	Place and Address of Work			Date
Assistant Professor	KSA	University of Dammam - Girl College of Sciences Department of Physics	Dammam	2021- till now
Assistant Lecturer	KSA	University of Dammam - Girl College of Sciences Department of Physics	Dammam	31/05/2016
Teaching Assistant	KSA	University of Dammam - Girl College of Sciences Department of Physics	Dammam	05/12/2011

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

Administrative Position	Office	Date
N/A		

### 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	Dr. Nora Alkudaisi	Lysozyme encapsulated gold nanoclusters for probing the early stage of lysozyme aggregation under acidic conditions	Journal of Photochemistry & Photobiology, B: Biology, UK Vol.197, 2019
2	Dr. Nora Alkudaisi	Detecting lysozyme unfolding: Via the fluorescence of lysozyme encapsulated gold nanoclusters	A Journal of Materials Chemistry B Vol.7,7 Issues, 2019



### Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date
	N/A			

### Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

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

### Completed Research Projects

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

### Current Researches

#	Research Title	Name of Investigator(s)
	N/A	

### Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
	N/A		

### Membership of Scientific and Professional Societies and Organizations

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## Teaching Activities

### Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Electricity and Magnetism	PHYS301	Lecture
2	Summer Training	PHYS408	Lecture
3	Physics Project Seminar	PHYS509	Lecture
4	Physics Tech.&Instrumentations	PHYS513	Lecture
5	Electronics	PHYS302	Lecture
6	Physics II (Mechanics and Kinematics)	PHYS201	lecture

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


### Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	N/A		

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

1	
2	



### Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Post grad	From	To
1	Electricity and Magnetism		✓	✓	-	Start of Acad Year 2021-2022 Term 1	End of Acad Year 2021-2022 Term 1
2	Electricity and Magnetism	✓				Start of Acad Year 2021-2022 Term 2	End of Acad Year 2021-2022 Term 2
3	Electricity and Magnetism		✓	✓	-	Start Acad Year 2022-2023 Term 1	End of Acad Year 2022-2023 Term 1
4	Summer Training	✓		✓		Start of Acad year 2021-2022 Summer	End of Acad year 2021-2022 Summer
5	Physics Project Seminar			✓		Start of Acad Year 2021-2022 Term 2	End of Acad Year 2021-2022 Term 2
6	Summer Training	✓		✓		Start Acad Year 2022-2023 Term 2	End of Acad Year 2022-2023 Term 2
7	Physics Tech.&Instrumentations	✓		✓		Start of Acad Year 2021-2022 Term 2	End of Acad Year 2021-2022 Term 2
8	Physics Tech.&Instrumentations	✓		✓		Start Acad Year 2022-2023 Term 2	End of Acad Year 2022-2023 Term 2
9	Electronics	✓		✓		Start Acad Year 2022-2023 Term 2	End of Acad Year 2022-2023 Term 2
10	Physics Tech.&Instrumentations		✓	✓		Start Acad Year 2022-2023 Term 3	End of Acad Year 2022-2023 Term 3
11	Biomaterial	✓		✓		Start Acad Year 2022-2023 Term 3	End of Acad Year 2022-2023 Term 3
12	Selected topic in physics	✓		✓		Start Acad Year 2022-2023 Term 3	End of Acad Year 2022-2023 Term 3



13	Summer Training	✓		✓		Start of Acad year 2022-2023 Summer	End of Acad year 2022-2023 Summer
14	Physics II (Mechanics and Kinematics)		✓	✓		Start Acad Year 2022-2024 Term 1	End of Acad Year 2023-2024 Term 1
15	Summer Training	✓		✓		Start Acad Year 2022-2024 Term 1	End of Acad Year 2023-2024 Term 1
16	Physics Tech.&Instrumentations	✓		✓		Start Acad Year 2022-2024 Term 1	End of Acad Year 2023-2024 Term 1

#### Guest/Invited Lectures for Undergraduate Students

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

#### Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
	Mixture of levels	10	2021	2024

#### Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date
	N/A			

#### Ongoing Research Supervision

#	Degree Type	Title	Institution	Date
	N/A			



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

### Administrative Responsibilities

#	From	To	Position	Organization
1	8-11-2021	22-11-2021	Member in the group	Preparing the talented female students of Al Bassam Schools to participate in the National Olympiad for Scientific Creativity "Ibdaa" for the year 2022
2	10-5-2022	10-5-2022	Head of Activity	A visit to the physics laboratory
3	31-1-2023	31-1-2023	Member in the group	Scientific exhibition
4	7-2-2023	7-2-2023	Member in the group	Exhibition of physics course projects
5	31-5-2023	4 -6 -2023	Member in the group	The first annual scientific meeting of the College of Science
6	14-11-2023	14-11-2023	Member in the group	Qualifying training exhibition
7	28-11-2023	28-11-2023	Member in the group	Exhibition of physics course projects day

### Committee Membership

#	From	To	Position	Organization
1	Start of Acad Year 2022-2023 Term 1	End of Acad Year 2022-2023 Term 2	Membership in Quality Assurance committee	Faculty of Science, University of Damman
2	Start of Acad Year 2021-2022 Term 1	End of Acad Year 2022-2023 Term 2	Membership in evaluations and examination quality	Faculty of Science, University of Damman
3	Start of Acad Year 2021-2022 Term 1	End of Acad Year 2021-2022 Term 2	Membership in Field Training committee	Faculty of Science, University of Damman
4	Start of Acad Year 2022-2022 Term 1	End of Acad Year 2021-2023 Term 2	Membership in Field Training and Alumni Affairs committee	Faculty of Science, University of Damman



Start of Acad Year 2023-2024 Term 1	End of Acad Year 2023-2024 Term 2	Membership in Field Training and Alumni Affairs committee	Faculty of Science, University of Dammam
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### Scientific Consultations

#	From	To	Institute	Full-time or Part-time
	N/A			

### Volunteer Work

#	From	To	Type of Volunteer	Organization
1	23/2/2023	1/3/2023	Scientific poster project reception organizer	Faculty of Science, University of Dammam

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

1	Microsoft office (Word, Excel, power point)
2	Mendeley
3	Canva website
4	

Last Update

18/12/2023