



Fatima Husein

Assistant Professor of Physics



Cairo, Egypt



omjo2014@gmail.com



00201026293709



00249121863646

About Me

Innovative Assistant Professor with 13 years of expertise in adapting presentations to reach students of diverse backgrounds. Always bringing proven success in implementing technology-based curriculum delivery and assessment tools. Passionate about fostering academic development and success for every student.

Skills Summary

Analytical skills	<div><div></div></div> %95	Online content delivery	<div><div></div></div> %90
Computer skills	<div><div></div></div> %80	Classroom lecturing	<div><div></div></div> %90
Writing reports	<div><div></div></div> %90	Adult Education	<div><div></div></div> %95
Communication skills	<div><div></div></div> %100	Curriculum Development	<div><div></div></div> %80
Student mentoring	<div><div></div></div> %90	Academic research	<div><div></div></div> %88

Work Experience

Lecturer, Physics - Almughtaribeen University - Faculty Of Science

Khartoum - January 2022 - April 2024

- Taught classroom-based, online and hybrid courses in physics subjects.
- Evaluated and revised lesson plans and course content to achieve student-centered learning.
- Used variety of learning modalities and support materials to facilitate learning process and accentuate presentations.

Lecturer, Physics - Ummul Qura University - Faculty Of Science

Makkah - September 2017 - May 2018

- Taught classroom-based, online and hybrid courses in physics subjects.
- Evaluated and revised lesson plans and course content to achieve student-centered learning.
- Used variety of learning modalities and support materials to facilitate learning process and accentuate presentations.

Lecturer, Physics - Tabuk University - Faculty of Science

Tabuk - November 2013 - April 2017

- Arranged syllabus, developed and scheduled varied courses simultaneously, giving students appropriate time to complete assignments and absorb information.
- Participated and led committee meetings to remain aware of developments in subject.
- Mentored and advised students to explore career pathways based and amplify knowledge, skills and strengths.

Lecturer, Physics - Almughtaribeen University - Faculty Of Science

Khartoum - January 2012 - July 2013

- Prepared and delivered undergraduate physics courses in compliance with established academic criteria.
- Supervised students' laboratory work and monitored compliance with safety and environmental health standards.

Supervisor of the sixth scientific gathering committee - Tabuk University

Tabuk - Saudi Arabia August 2015- August 2017

Applied strong leadership talents and problem solving skills to maintain team efficiency and organize workflow.

Head of preparatory students affairs department - Tabuk University

Tabuk - Saudi Arabia October 2014- June 2015

- Used strong analytical and problem solving skills to develop effective solutions for challenging situations.
- Demonstrated leadership skills in managing projects from start to finish.

Head of Student Activities Unit - Tabuk University

Taymaa- Saudi Arabia November 2013- April 2015

Supervised six student clubs and committees:

- Self-development club.
- Scientific club.
- Computer club.
- English language club.
- Scientific association committee.
- Social services committee.

Supervisor of research and innovation student group at the fifth scientific gathering

Tabuk - Saudi Arabia October 2013- June 2014

- Created successful work plan for each team member to maintain deadlines and achieve the objectives.
- Demonstrated respect, friendliness and willingness to help whenever needed.

Teaching Assistant - Sudan University of Science and Technology - Faculty Of Science

Khartoum - November 2007 - November 2009

- Assisted teachers with classroom management and document coordination to maintain positive learning environment.
- Tutored struggling students individually and in small groups to reinforce learning concepts.
- Collaborated with teacher to plan and implement lessons following school's curriculum, goals, and objectives

Education

PhD Solid State Physics (Nanotechnology)

Sudan University of Science and Technology – Khartoum, Sudan, 2021

Master of Material Engineering

Sudan Academy of Science Khartoum, Sudan, 2011

Bachelor of Physics (Honors)

Sudan University of Science and Technology – College of Science Khartoum, Sudan, 2006

Awarded First Class Degree

Languages

English (C2 level)

Arabic (Native)

Courses conducted

Physics, Biophysics and Mathematics for medical, engineering and science faculties' students.

Research skills

Research titles:

- Use of nuclear medicine in diagnosis. 2006
- Transformation of crude wax via pipelines. 2011

Publications:

- **Optical properties of gum Arabic synthesized by sol-gal and chemothermos.**
- **FTIR and XRD spectroscopy for thin film multilayers gum Arabic doping with aluminum oxide by sol-gal method.**

Training

- Active university teaching, Alameed training center, 2018
- Nanotechnology, Tabuk University, 2017
- Powder technology. Tabuk University, 2017
- Reports writing and scientific research, Tabuk University, 2016
- Modern teaching methods, Tabuk University, 2016
- Scientific research ethics, Tabuk University, 2015
- Mentoring and psychological guidance, Tabuk University, 2015
- Training of trainers, Tabuk University, 2014
- Conference organization, Tabuk University, 2014
- Assessment and evaluations Tabuk University, 2014
- SPSS, Tabuk University, 2013

References

- **Prof. Khalid Mohammed Haroun Mohammed**
khaidmohamed19@gmail.com
- **Mohamed Ali Abdelhalim**
Mohamed.abdulhalim@dalgroupp.com
Alispacti@hotmail.com

#Copies of certificates are available on request