

Aeshah Abdullah Almushawwah

Teaching Assistant
Department of Physics
Shaqra University (SU)
Shaqra, Saudi Arabia

PERSONAL INFORMATION:

Email: aalmushwah@su.edu.sa

EDUCATION:

09/2017 to 02/2022

Master of Science in Physics
King Saud University-Riyadh, Saudi Arabia

10/2009 to 06/2013

Bachelor of Science and Education in Physics
Excellent grade with First Class of Honors
Shaqra University-Shaqra, Saudi Arabia

ACADEMIC WORK HISTORY:

01/2014 to Present

Teaching Assistant
Shaqra University-Shaqra, Saudi Arabia

A member in laboratory's committee at Sajer college of art and science (branch of Shaqra University) in the academic years 2015-2016-2017.

In the time between 2014-2017 I have been a teaching assistant for some of the physics courses.

Duties:

Providing laboratory guidance to students, assist students during tutorial sessions and demonstrating the experiments.

Answering students inquiries on laboratory material and laboratory related course material.

Marking laboratory reports and giving feedback to students.

CONFERENCES:

Chem Index 2019 (29-31 Oct 2019):

Title: ZnSnN₂ Semiconductors Thin Films Deposited by PVD Magnetron Sputtering for Photovoltaics Applications.

European Materials Research Society 2020 (25-29 May 2020):

Title: Investigation on The Physical-Chemical Properties of $\text{Zn}_x\text{Mg}_{1-x}\text{SnN}_2$ Thin Films Grown by Reactive Magnetron Co-sputtering.

COMPUTER AND SOFTWARE SKILLS:

MS Word, MS PowerPoint and MS Excel.

Origen lab.

LANGUAGE SKILLS:

Arabic, native speaker.

English, good level in English.

EXPERIMENTAL EXPERTISE:

During my Master degree I worked with samples prepared by different growth technique such as: Sputtering Deposition and Pulsed Laser Deposition.

I Also analyzed data using different characterization technique such as: X-ray Diffraction (XRD), X-ray Photoelectron Spectroscopy (XPS), Transmission Electron Microscope (TEM), Scanning Electron Microscopy (SEM), Atomic Force Microscopy (AFM), Spectroscopic Ellipsometry (SE) and finally Energy Dispersive Spectroscopy (EDX) in Electron Microscope.

REFERENCES:

- 1- Dr. Abdullah Alodhayb,
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- 2- Dr. Hamad Albrithen
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