

( CV )

Hadhum Omar Ali Hassan

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**PERSONAL INFORMATION:**

Material Of Status :Single.

Nationality : Libyan

Date Of Birth: 09/01/1986.

SEX: Female

Address :Tripoli , Janzour

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**Academic Qualifications**

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M.Sc Degree of Master of study track Option : course Work Only in The Libyan Academy, Spring 2013.

B.Sc Degree of Bachelor of Science, physics Department , University of Aljabel AL Gharbi (2009).

**Job experience**

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Lecturer at the University of Tripoli, Faculty of Education - Janzour, Department of Physics, from 2013 until now .

Staff member at the Department of Physics from 2013 until now.

I taught in the preparatory school in (2010-2009)

**INTERESTES**

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I started teaching university physics courses since 2013, where I taught Teaching general and advanced courses in some educational institutions. The following are the teaching courses that were taught at the university level University courses :

Mathsphysics1, Mechanics Introduction, sound and light, Solid State physics, Mathsphysics2, Statistical physics , General physics , General Electronic, physics , Mechanics 2, Mechanics 1Lab1, ,physics Lab 2, physics Lab 3, Optics , Mechanics 3,Teaching practice, Nuclear physics, Modern physics, Optics Lab , Heat and properties of matter, Sound and Light .

**Extracurricular activities**

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In addition to the above-mentioned teaching, I supervised a graduation project entitled (Hydrogen atom spectrum and the designation of the Redberg constant). It also evaluated the discussion of several graduated projects at the college. Academic supervision at the department. Through my previous employment, I participated in the disciplinary committees of the college.

**LANGUAGE PROFICIENCY AND COMPUTER SKILL:**

- Good computer Skills ( Excel -Microsoft Office – power point)
- Data Management.
- Ability to Work under Pressure .
- The ability to work for hours.
- Good communication and interpersonal skills.
- Browse the internet and keep up with scientific developments .

**LANGUAGES**

Fluent (reading, writing and speaking) in:

Some English , Arabic

English courses from the Libyan Academy

<i>S.N</i>	<i>Level</i>	<i>Year</i>	<i>Letter Grade</i>
<i>1</i>	<i>Beginner</i>	<i>2011</i>	<i>A</i>
<i>2</i>	<i>Elementary</i>	<i>2011</i>	<i>A</i>
<i>3</i>	<i>Pre-intermediate</i>	<i>2012</i>	<i>A</i>

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Attending courses and seminars

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1-A course on preparing and writing scientific research from the Summit Center and obtaining a certificate from the Center in 2018

2-Leadership course for human development from the Libya Palace Club and obtaining a certificate from the center in 2019

3-Attending a seminar entitled "The difference between a master's thesis and a doctoral thesis" at the Libyan Academy - Janzour in 2019

4- Certificate of attending the training course on the skill of using the computer and the Internet from the Research, Consultation and Training Center at the University of Tripoli 2021.

## **Remote attendance certificates for seminars and lectures for the Arid platform for the year 2021-2022**

- Teacher training and entrepreneurship lecture.
- Seminar on quality standards in Arab periodicals and their international classifications.
- Symposium on the role of research groups to increase joint scientific production
- Arab Universities Development Symposium
- A lecture on scientific research trends in light of the Corona pandemic (Covid-19)
- A lecture on education and social responsibility in the era of the third industrial revolution
- Activist at ARID scientific Events in 2021
- Activist at ARID scientific Events in 2022
- Innovative Badge
- Entrepreneur Researcher
- ARID Membership Badge

## **published papers**

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- 1- A paper entitled "Calculating the Redberg Constant by Examining Atomic Spectra Using Diffraction Grooves" published at the Academy Journal of Basic and Applied Sciences, 2019, Issue (1), Volume (1).
  - 2- Approximate Bessel functions using artificial neural networks, Academy Journal of Basic and Applied Sciences , Folder 3, The Number 3, Autumn 2021.
  - 3-The reluctance of students of the faculties of education at the University of Tripoli to enroll in the physics major, majalat aliastadh , Autumn 2021, Number 21.
  - 4- Preparation of tin dioxide and its application as a gas sensor, Academy Journal of Basic and Applied Sciences, Folder 4, The Number 2, August 2022.
  - 5- Modeling and simulation of some DC electrical circuits using Matlab , Journal of Total Science , Folder 6 , The Number 22 , Autumn 2022.