

# Academic Curriculum Vitae



## Personal Information:

Full Name: Dr. Hiwa Hamad Azeez

Academic Title: Assistant Professor

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## Education:

From- To	Degree	College-University	Country
2000-2004	B. Sc. in Physics	Department of Physics, College of Education, Salahaddin University - Erbil.	Iraq
2007-2009	M. Sc. in Nuclear Physics	Department of Physics, College of Education, Salahaddin University - Erbil.	Iraq
2015-2020	Ph. D. in Nuclear Radiation Physics	Department of Physics, College of Science, Salahaddin University -Erbil.	Iraq

## Employment:

- Demonstrator (Physics Department, College of Education, Salahaddin University-Erbil, 2004-2010)
- Assistant Lecturer (Physics Department, College of Education, Salahaddin University-Erbil, 2010 - 2015)
- Lecturer (Physics Department, College of Education, Salahaddin University-Erbil, 2015 - 2021)
- Assistant Professor (Physics Department, College of Education, Salahaddin University-Erbil, 2021-now).

## Teaching experience:

- Teaching assistance (2004 - 2009) in Physics -Department of Physics, College of Education, Salahaddin University-Erbil, Iraq.
- Working in Modern Physics Lab, Nuclear Physics Lab, Electronics Lab, Optical Lab, Electricity and magnetism Lab, General Physics Lab and Properties of Matter Lab.
- Teaching staff (2009 - now) in Physics -Department of Physics, College of Education, Salahaddin University-Erbil, Iraq.

Subject	Stage-College	University
Modern physics	3rd-year students / Physics Department- College of Education	Salahaddin University-Erbil, Iraq.
Nuclear Physics	4th-year students / Physics Department- College of Education	Salahaddin University-Erbil, Iraq.
Nuclear Physics	High Diploma student / Physics Department- College of Education	Salahaddin University-Erbil, Iraq.
Advanced Nuclear Physics	M. Sc. student – Physics Department- College of Science	Salahaddin University-Erbil, Iraq.
Gamma-ray spectrometry system	M. Sc. student – Physics Department- College of Education	Salahaddin University-Erbil, Iraq.
Gamma-ray spectrometry system	M. Sc. student – Physics Department- College of Science	Salahaddin University-Erbil, Iraq.

## Research and publications

<u>TITLE</u>	<u>CITED BY</u>	<u>YEAR</u>
1. <u>Transfer of natural radioactive nuclides from soil to plant crops</u> HH Azeez, HH Mansour, ST Ahmad Applied Radiation and Isotopes 147, 152-158	<u>53</u>	2019
2. <u>Effect of Using Chemical Fertilizers on Natural Radioactivity Levels in Agricultural Soil in the Iraqi Kurdistan Region</u> HH Azeez, HH Mansour, ST Ahmad Polish Journal of Environmental Studies 29 (2), 1-10	<u>22</u>	2020
3. <u>Assessment of radioactivity levels and radiological-hazard indices in plant fertilizers used in Iraqi Kurdistan Region</u> HH Azeez, ST Ahmad, HH Mansour Journal of Radioanalytical and Nuclear Chemistry, 11	<u>20</u>	2018
4. <u>Measurement of radon concentrations in rock samples from the Iraqi Kurdistan Region using passive and active methods</u> HH Azeez, MSA Mohammed, GM Abdullah Arabian Journal of Geosciences 572 (14)	<u>11</u>	2021
5. <u>Radon dosimetry in Erbil city hospitals</u> AH Ahmed, SO Haji, HH Azeez Journal of Physical Science and Application 2 (7), 240	<u>7</u>	2012
6. <u>A Study of Radon and Thoron Gases Release from Iraqi-Kurdistan Building Materials Using Passive and Active Methods</u> HH Azeez, HH Mansour Salahaddin University-Erbil	<u>7</u>	2010
7. <u>An Investigation of Activity Concentration of <math>^{238}\text{U}</math>, <math>^{232}\text{Th}</math>, <math>^{137}\text{Cs}</math>, and <math>^{40}\text{K}</math> Radionuclides in Drinking Water Resources in Iraqi Kurdistan Region-Erbil</u> SK Ezzliddin, HH Mansour, HH Azeez ZANCO Journal of Pure and Applied Sciences 28 (6), 32-40	<u>4</u>	2017
8. <u>A study of radon concentration and physicochemical parameters in spring water of Erbil City, Iraqi Kurdistan Region</u> GM Abdullah, HH Azeez, HT Mustafa, AO Ismaeel Journal of Radioanalytical and Nuclear Chemistry 332 (3), 775-784	<u>3</u>	2023

<u>TITLE</u>	<u>CITED BY</u>	<u>YEAR</u>
9. <u>Radon Activity Concentration Measurements in the Water Collected from the Lower Zab River in the Kurdistan Region of Iraq</u> JM Smail, HH Azeez, HH Mansour, ST Ahmad ARO-THE SCIENTIFIC JOURNAL OF KOYA UNIVERSITY 11 (2), 51-58	<u>1</u>	2023
10. <u>Radon Concentration Measurements in Qaysare of Erbil City</u> AH Ahmed, SO Haji, HH Azeez Kirkuk University Journal-Scientific Studies 10 (3), 332-344	<u>1</u>	2015
11. <u>Asses of Indoor Radon Dose and its Risks on children's Health using Track Detectors: Case Study in Koya Kindergartens</u> HH Azeez, JM Smail, AH Ismail, H Hamadamin Journal of Kerbala University 13 (2 Scientific), 106-113	<u>1</u>	2015
12. <u>Comparative Study Between Virgin and Agriculture Soil Radon Activity Concentration and Their Radiological Risks</u> HH Azeez, D Jahfer Majeed Smail, HM Salh, HH Mansour, ST Ahmad, ... Polytechnic Journal 14 (1), 4		2024
13. <u>Assessment of natural radioactivity levels in widely used food spices in the Iraqi Kurdistan region and their associated radiological risks</u> B Sabr, SO Haji, H Azeez, MI Hussein, JM Smail Zanco Journal of Pure and Applied Sciences 35 (6), 16-27		2023
14. <u>Radiological Protection of Operators and Auditors as a Result of CT Scan Radiation Leakage: Iraqi Kurdistan Hospitals</u> SP Yaba, AH Ismail, RT Ali, HH Azeez ZANCO Journal of Pure and Applied Sciences 28 (1), 43-48		2016

## **Skills**

1. **Research Experience:**  
(Nuclear radiation detection, Environmental pollution, and radiation protection).
2. **Teaching Experience:**  
(Nuclear Physics and Modern Physics).

## **Professional memberships**

1. Kurdistan Teachers Union Since 2004.
2. Kurdistan Physicists' Syndicate Since 2006.

## **Professional social network accounts:**

### **Formal Page:**

<https://academics.su.edu.krd/hiwa.azeez>

### **Google Scholar:**

<https://scholar.google.com/citations?user=FFWnBgQAAAAJ&hl=en&oi=ao>

### **Research Gate:**

<https://www.researchgate.net/profile/Hiwa-Azeez>

### **ORCID:**

<https://orcid.org/my-orcid?orcid=0000-0002-8209-1019>