Curriculum vitae



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| **Personal Information** | |
| Name | Walat Abdulqader Hamdi |
| Nationality | Iraqi |
| Date of birth | 2-2-1986 - Duhok |
| Marital status | Married |
| **Scientific Degree** | Master in physics, Currently PhD student |
| Languages | Kurdish: mother tongue  English: spoken and written (influencly)  Arabic: spoken and written (influencly) |

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| **Employment Information’s** | |
| Profession | Lecturer at Duhok University |
| Type of Relationship  with the University | Assistance Lecturer |

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| **Academic & Scientific Degree** | | | |
| Degree | Bachelor | Master | PhD |
| University Name | Duhok University | Birmingham University | Duhok University |
| College and Department | College of Education- Physics Department | College of Science – Physics and Astronomy | College of Science- Physics Department |
| Degree granting country | Iraq- Kurdistan- Duhok | United Kingdom- Birmingham | Iraq - Kurdistan- Duhok |
| Results | Good (overall 78) | Very good (overall 88) | Excellent |
| Date of acquiring degree | 7-7-2008 | 17-11-2013 | 27-4-2021 |
| Title of degree, degree theses and Fine Specialization | **Physics**  Physical vapour deposition,  physics | **Physics and technology of nuclear reactor**  Absolute Activity Measurements of Short Lived and Low Level Sources,  Physics - Nuclear | **Nuclear Physics**  Radon (222Rn) Activity Concentration measurement in Duhok Environment and its Radiological Implications |

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| From | To | Position and Given Subject Materials |
| 2008 | 2011 | Duhok University: Electricity, Electronic, Mechanic and Modern Physics |
| 2013 | 2018 | 1. Duhok University: physics department  a) Nuclear, Thermo dynamic, Electronic, Optics and General physics  b) supervision on student of fourth stage - graduation project  2. American Knowledge Scholl: Physics of class 10, 11 and 12  3. Rosh Center: physics of class 12 |
| 2018 | Up to Now | University of Duhok:   1. **Physics department:** Subject given: Radiation protection and safety, Nuclear Lab, Laser and Graduation project 2. **Architecture department**: Subject given: Physics for architect 3. **Survey department**: Subject given: Physics for engineering 4. **Pharmacy department**: Subject given: Biophysics |

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| **Publications** | | |
| Publishing House | Date | Title of Publication |
| Duhok University | April 2015 | Impacts of Noise Pollution on Arterial Systolic Blood Pressure, Diastolic Blood Pressure, Heart Pulse Rate and Blood Oxygen Saturation of Nurses in Duhok Hospitals – Iraq |
| International Journal of radiation research | May 2021 | Estimation of indoor radon concentration and dose evaluation of radon and its progeny in selected dwellings in Duhok city, Kurdistan Region, Iraq |
| [Journal of Radiation Research and Applied Sciences](https://www.sciencedirect.com/journal/journal-of-radiation-research-and-applied-sciences) | December 2021 | Determination of Radium and Radon Exhalation Rate as a Function of Soil Depth of Duhok Province - Iraq |

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| **Conference, Work Shops and Fairs** | | |
| Conference – Work Shop Names | Type of Participation | Date |
| Medical Physics  In Duhok University/ Iraq | Active Participant (Poster about factors affecting gamma ray attenuation) | 2015 |
| physics fair  In Duhok University/ Iraq | Active Participant Poster about:1. Activity measurement of radioactive source by detector efficiency method and gamma-gamma coincidence. 2. The influence of density and thickness of shielding on radiation dose of gamma ray in nuclear power facilities  3. Comparison of efficiency and energy resolution of semiconductor gamma ray spectrometer and a NaI(TI) scintillation Gamma ray spectrometer | 2016 |
| Biomedical, Engineering in northern Iraq Conference  In THM University at Giessen, Germany | Active Participant/ given presentation about Nuclear and Radiation | 2016 |
| Biology Department  Duhok University | Biology Research Laboratories: Facilities and Applications | March 2022 |
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