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**Academic Curriculum Vitae**



**Personal Information:**

Full Name: **Dr. Hawkar Taher Taha**

Academic Title: **Assistant Professor**

Email: [Hawkar.taha@su.edu.krd](mailto:Hawkar.taha@su.edu.krd)

Mobile: **+9647508616166**

**Education:**

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| **From- To** | **Degree** | **College-University** | **Country** |
| 2008 to date | PhD in nanotechnology, Department of Physics | College of Science- University of Salahaddin | Iraq |
| 1993-1996 | M. Sc. in Solid State Physics, Department of Physics | College of Science- University of Salahaddin | Iraq |
| 1989-1992 | B.Sc. Physics, Department of Physics, | College of Science- University of Salahaddin | Iraq |

**Employment:**

*Assignments and Posts:*

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| **From- To** | **Post** | **Department - College** | **University** |
| 2016 to date | Assistant Professor | Physics Department-College of Science | Salahaddin University |
| 2008 to 2016 | Lecture | Physics Department-College of Science | Salahaddin University |
| 1996-2008 | Assistant Lecture | Physics Department-College of Science | Salahaddin University |
| 1998-2007 | Member of Examination Committee | Physics Department-College of Science | Salahaddin University |
| 2012 to date | Quality Assurance Administrator of College of Science | College of Science | Salahaddin University |
| 2018- 2021 | Member of Rank University | College of Science | Salahaddin University |

**Teaching experience:**

1. *Teaching Activities*

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| **From- To** | **Subject** | **Stage-College** | **University** |
| 1996-2000 | General Physics | 1st - Year students - Geology Department - College of Science | Salahaddin University |
| 1996-2012 | Elementary Properties of Matter | 1st - Year students – Physics Department-College of Science | Salahaddin University |
| 1996-2000 | Basic of Computer | 3rd - Year students – Statistics Department-College of Economics | Salahaddin University |
| 2000-2001 | Linear Algebra | 2nd- Year students/ Physics Department-College of Science | Salahaddin University |
| 2000-2004 | Optics | 3rd - Year students/ Physics Department-College of Science | Salahaddin University |
| 2016-2021 | Optics | 3rd - Year students/ Physics Department-College of Education\Shaqlawa | Salahaddin University |
| 2002-to date | Quantum Mechanics | 3rd - Year students/ Physics Department-College of Science | Salahaddin University |
| 2016-2021 | Quantum Mechanics | 3rd - Year students/ Physics Department-College of Education\Shaqlawa | Salahaddin University |
| 2002-to date | Solid State Physics | 3rd - Year students/ Physics Department | Salahaddin University |
| 2022-to date | Solid State Physics | 4th - Year students/ Physics Department- College of Education\Shaqlawa | Salahaddin University |
| 2012-2021 | Nanotechnology | 4th - Year students/Physics Department | Salahaddin University |
| 2020-2021 | Solid State Physics | PhD. Students/ Physics Department | Salahaddin University |
| 2021-2022 | Introduction to Nanotechnology | MSc. Students/ Physics Department | Salahaddin University |

**Research and publications:**

Published articles, papers and researches:

i) ***Effects of Nanoscale Size Dependent Parameters on Lattice Thermal Conductivity in Si Nanowire***, M S Omar and H. T. Taha, Sadhana - Indian Academy of Science, 35(2), (2010) 177-193. ( <http://link.springer.com/article/10.1007/s12046-010-0019-8>)

***ii) Lattice dislocation in Si nanowires***, Physica B: Condensed Matter, Volume 404, Issues 23-24, 15 December 2009, Pages 5203-5206.

<http://www.sciencedirect.com/science/article/pii/S0921452609010461>)

iii) ***Effect Of Germanium Concentration On The Lattice Thermal Conductivity For SiGe Alloy Nanowiers*,** *Solid State Science and Technology, Vol. 22, No 1 & 2 (2014) 73-84. (*[*http://journal.masshp.net*](http://journal.masshp.net) *)*

*iv)* ***Size dependence lattice thermal conductivity for Si nanofilm*,** *5th International Conference and Workshop on Basic and Applied Sciences (ICOWOBAS 2015,* AIP Conf. Proc. 1718, 090005-1–090005-8; doi: 10.1063/1.4943344. (<http://aip.scitation.org/doi/abs/10.1063/1.4943344> )

**Conferences and courses attended**

1. I Participate in 4th International Conference and Workshop on Basic and Applied Sciences (ICOWOBAS, 2013 in Malaysia)

2. 5th International Conference and Workshop on Basic and Applied Sciences (ICOWOBAS, 2015 in Indonesia).

3. 6th International Conference and Workshop on Basic and Applied Sciences (ICOWOBAS, 18th – 19th March, 2017 in Iraq\Erbil) as Attendance and Chairman.

**Professional memberships**

* From 2005 to date member in Kurdistan Physics syndicate.
* Kurdistan Teachers Union until 2007.
* Member on AVCina Centre e-learning to date.

**Professional Social Network Accounts:**

**ORCID ID**: 0000-0001-8885-8295

**Academic Profile:** <https://academics.su.edu.krd/hawkar.taha>

**LinkedIn:** <https://www.linkedin.com/feed/>

**Scholar Account:** <https://scholar.google.com/citations?view_op=list_works&hl=en&user=_ZkcLWYAAAAJ>

Research gate: <https://www.researchgate.net/>

Orcid: <https://orcid.org/my-orcid?orcid=0000-0002-2023-1821>