

Academic Curriculum Vitae



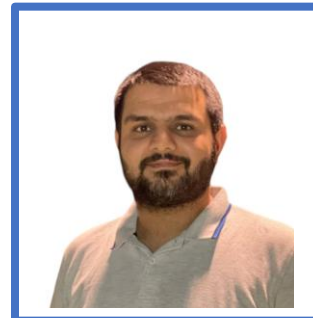
Personal Information:

Full Name: Ahmed Abdulrahman Ahmed

Academic Title: Lecturer

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Education:

- Doctor of Philosophy (Material Science/ Nanoglass Science), 2023
Dept. of Physics, College of Education
University of Salahaddin-Erbil, Kurdistan Region, Iraq.
Title of PhD. dissertation: "Synthesis and Characterization of Yb⁺³/Er⁺³ Co-Doped Lead Bismuth Tellurite Glass Embedded with Silver Chloride Nanoparticles for Lasing Applications"
Supervisor: Assistant Prof. Dr. Saman Qadir Mawlud.
- Master of Science (Physics with Nanotechnology), 2015
Faculty of Science and Engineering /School of Mathematics and Physical Science
University of Hull /UK, England.
Thesis Title: 'Optical Characterisation of ZnO, Nd₂O₃ and Nd₂Ti₂O₇ Powders.
Thesis Supervisor: Dr. Chris D Walton
- Bachelor of Science (Physics), 2007 – 2011.
Dept. of Physics, College of Education
University of Salahaddin-Erbil, Kurdistan Region, Iraq.

Employment:

- 23/11/2011 -18/3/2018
Demonstrator, Dept. of Physics, College of Education,
University of Salahaddin-Erbil, Kurdistan Region, Iraq.
- 18/3/2018 -1/2/2024
Assistance lecturer, Dept. of Physics, College of Education,
University of Salahaddin-Erbil, Kurdistan Region, Iraq.

- 1/2/2024 – now
Lecturer, Dept. of Physics, College of Education,
University of Salahaddin-Erbil, Kurdistan Region, Iraq.

Qualifications

- Doctor of Philosophy (Material Science / Nanoglass Science), 2023
Master of Science (Physics with Nanotechnology), 2015
Bachelor of Science (Physics), 2011.
- IT qualifications (ICDL) 2012

Teaching experience:

- Teaching (undergraduate)
- Electricity and Magnetism Lab. (1st year)
- Advanced Electricity and Magnetism Lab. (1st year)
- Optics Lab (2nd year)
- Programming Lab. (MATLAB, 2nd year)
- Nuclear Lab. (4th year)

Research and publications

1. Ahmed, A.A. and Mawlud, S.Q., 2023. Physical and optical properties of ternary lead-bismuth tellurite glass. *Heliyon*, p.e16730.
2. Mawlud, S.Q., Ahmed, A.A. and Aziz, S.M.B., 2024. Enhancement of luminescence properties of Sm³⁺ doped tellurite glass embedded with gold nanoparticles: Heat treatment. *Results in Optics*, 14, p.100587.

Conferences and courses attended

Funding and academic awards

- HCDP

Professional memberships

- Kurdistan Teacher Syndicate
- Kurdistan Physicist Syndicate

Professional Social Network Accounts:

- Google Scholar
https://scholar.google.com/citations?user=wxx7g_4AAAAJ&hl=en
- ResearchGate
<https://www.researchgate.net/profile/Ahmed-Ahmed-169>
- LinkedIn
<https://www.linkedin.com/in/ahmed-abdulrahman-ahmed-995b1b1b3/>
- Orcid
<https://orcid.org/0000-0002-3148-5851>