

Curriculum Vitae

Assistant Lecturer-Ameera Jawad Kadhim

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PERSONAL SUMMARY:

Ph.D. On Physics Sciences in the field Detectors From University Al- Mustansiriyah – I teach with the title of Doctor Lecturer in Physics Department/ Faculty of Education, Al-Mustansiriyah University since 2009 and yet with academic service in teaching and scientific research for 14 years.

EDUCATION:

- Ph. D In Detectors Physics-Department of Physics-College of Education-Al-Mustansiriyah University-December 2021.
- M. Sc. In Thin Films Science, “ Physics-Department of Physics-College of Education-Al-Mustansiriyah University-December 2014.
- B. Sc. In General Physics - Physics Department of Physics - College of Education-Al-Mustansiriyah University-July 2008.

ACADEMIC HONORS AND AWARDS:

ACADEMIC /TEACHING EXPERIENCE:

- Asst Lecturer in Physics Department/ Faculty of Education/ Al-Mustansiriyah University since 2009 until now with more than 7 years experience in academic teaching and scientific research.

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COURSES TAUGHT:

Undergraduate	Graduate
Physics Labs: <ul style="list-style-type: none">• Mathematics / 1st Year• Electricity Lab. / 1st Year• Programming Lab. / 2st Year• Optical Lab. / 2st Year• Electricity Lab. / 2st Year• Electronics Lab. / 3rd Year• Nuclear Physics Lab. / 4th Year• Demonstration tools Lab. / 4th Year	None

PROFESSIONAL AFFILIATIONS:

A member of numerous standing committees (permanent Commission absences , Committee , distributing books , Committee to give the grant to the student) and Temporary (Discussion Committee Research Request graduated Fourth Grade) since 2009 until now in the Physics Department, And *IRAQS LASER SOCIETY* And Some Other Committees Within The Coverage of College of education / Al-Mustansiriyah University and Commission outside the College of Education in the Development Center for Studies and Training.

PUBLICATIONS:

1. compositional characteristics of electronic transfer of membranes CdO: Bi prepared in a manner chemical decomposition Aharara- Journal of the Faculty of Education - Al-Mustansiriya University in 2014.
2. The effect of doping Bismuth on Optical Properties For Cdo Films Prepared By the Chemical Spray Pyrolysis - Mustansiriya University 22 to 23 April 2015.
3. Behavior of Ion Beams For several of Triplet Quadrupole Lenses.
4. (Guiding a Charge Particle along apath from the Extraction Region until the Targetvby Magnetic Field) ANNO LXX.2016-N,5
5. The Effect of Gamma Rays on the Structural and Optical Properties of ZrO₂Thin Films with Different Thicknesses, April 2017 .
6. Annealing Effects of Sprayed Techniques on the Optical Properties of ZnO Thin Films, December 2019.
7. The effect of gamma irradiation on the optical properties of (PVA-PAA-Al₂O₃) films December 2019.
8. Investigation of Optical Properties of (2, 2) Zigzag Graphdiyne Nanotube in the Presence of Lithium and Nitrogen Dopant: Density Functional Theory Approach , February 2020 NeuroQuantology. 18(2) 62-66.
9. Effect of molar concentration on the structural, optical and electrical properties of the MnS thin film prepared by spray pyrolysis March 2021 of-Physics-Conference-Series 1795(1) .
10. The synthesis of solid oxide fuel cell by electrolyte systems based Bi 2 O 3 doped with Ho 2 O 3 ,Dy 2 O 3 The synthesis of solid oxide fuel cell by electrolyte systems based Bi 2 O 3 doped with Ho 2 O 3 ,Dy 2 O 3 , April 2021 Journal of Physics Conference) 1854(1) .
11. Preparation of nanostructured cerium-doped MnS/Si heterojunction photodetector by chemical spray pyrolysis: Influence of doping concentration, June 2021 Optik International Journal for Light and Electron Optics 243:167457.
12. Preparation and characterization of β-MnS nanostructure / Si photodetector by spray pyrolysis, November 2021 AIP Conference Proceedings 2372(1):040011.
13. Fabrication of Visible-Enhanced Nanostructured Mn₂O₃/Si Heterojunction Photodetector by Rapid Thermal Oxidation, July 2022 Silicon 14(10).
14. Influence of Copper and Zinc Doping on Optical Properties of Nano Nickel Oxide Films Deposited by Sol-Gel Method, December 2022 Nano Biomedicine and Engineering 14(4).

PROFFESIONALDEVELOPMENT

❖ Conferences:

- International Scientific Conference of Physics Determent-College of Education- Al-Mustansiriyah University-April 2015.
- Effect of molar concentration on the structural, optical and electrical properties of the MnS thin film prepared by spray pyrolysis March 2021 of-Physics-Conference-Series 1795(1).
- The synthesis of solid oxide fuel cell by electrolyte systems based Bi 2 O 3 doped with Ho 2 O 3 ,Dy 2 O 3 The synthesis of solid oxide fuel cell by electrolyte systems based Bi 2 O 3 doped with Ho 2 O 3 ,Dy 2 O 3 , April 2021 Journal of Physics Conference) 1854(1) .
- Preparation and characterization of β-MnS nanostructure / Si photodetector by spray pyrolysis, November 2021 AIP Conference Proceedings 2372(1):040011.

❖ Certifications:

- Many certificates of local domestic activities since 2009 until now within Faculty of Education/ Al-Mustansiriyah given by Ex-Ministers of Ministry of Higher Education and Scientific Research and Ex- Former Presidents of Al-Mustansiriyah University as well as from the Ex-Deans and Current Dean of College of Education/ Al-Mustansiriyah University.

❖ **Workshops:**

Participate in the Role

- **Teaching Methods**
- **A programming Language Matlab**
- **Excel applications in thin film**
- **Electronic lectures**
- **Ask questions classroom**
- **Workshop outside Alterpahvi Faculty Development Center for Studies and Training.**