

# Academic Curriculum Vitae



## Personal Information:

Full Name: Shaida Anwer Kakil  
Academic Title: Lecture  
Email: (Shaida.Kakil@su.edu.krd)  
Mobile:+9647504303683



## Education:

From to date	College-University-Country	Degree
[2009– 2010]	Salahaddin University-collage of science—Iraq-Erbil	BSc. In physics
[2014-2015]	Salahaddin University-collage of science-Iraq-Erbil	MSc. In (Optoelectronic device)
[2018-2019]	Salahaddin University-collage of science-Erbil Lecturer. In (Optoelectronic device) Departments   Università degli Studi di Milano	Lecturer: in Optoelectronic device
[2021-2022]	Statale-Italy-Milan and Salahaddin University-collage of science-Iraq-Erbil	PHD:In (Condensed Matter)

## Employment:

From to date	Post	Department -College -University
[2010– 2011]	Assist –physics	Department of physics College of Science
[2014-2015]	Assist-lecture	Department of physics College of Science
[2018-2019]	Lecturer	Department of physics College of Science

[2021-2022]

PHD

Departments | Università degli  
Studi di Milano Statale-Italy-Milan  
and Salahaddin University-collage  
of science-Iraq-Erbil

## Qualifications

### - Teaching qualifications

<b>From to date</b>	<b>Subject</b>	<b>Stage- College- University</b>
2010-2012	Optics-Lab	3th general branch Department of physics College of Science
2010-2012	General physics lab	1st department of chemistry and geology ,college of science
2014-2018	Laser in medicine and Laser Lab	4th medical branch Department of physics College of Science
2014-2018	Optics-Lab	3th commnucation branch Department of physics College of Science
2014-2018	Medical Optics-Lab	3th Medical branch Department of physics College of Science
2020-2021	Medical Optics-Lab and Optics	3th Medical branch Department of physics College of Science
2022-2023	Nanomedicine	4th medical branch Department of physics College of Science
2022-2023	Medical optics	3th Medical branch Department of physics College of Science

Atomic lab, properties of mater , thermodynamics .....so on

### - IT qualifications

- 1- IT Tech
- 2- Super and server Computer.
- 3- Operating System: MS DOS, Linux (Red Hat) and MS Windows.
- 4- Microsoft Office:
  - a) Word Processing: MS Word.
  - b) Presentation: MS Power Point.
  - c) Spread Sheet: MS Excel.

- d) Quantum Espresso
- 5- Computer Hardware.
- 6- Material Studio Program (Abinit & CASTEP Codes).
- 7- MathCAD Software Programming.
- 8- MatLab Software Programming.
- 9- Python Software Programming.

## Teaching experience:

- State all teaching courses you delivered, stating undergraduate or post graduate
- Courses, trainings, lab supervision, etc.,

## Research and publications

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Title	Publication
Synthesis of cobalt oxide (Co <sub>3</sub> O <sub>4</sub> ) thin films by electrostatic spray pyrolysis technique (ESP)	Journal of Materials Science: Materials in Electronics
ZnO Crystal Structures Grown by Atmospheric Pressure Chemical Vapor Deposition;	<a href="http://www.globaleventslist.elsevier.com/events/2013/11/international-conference-on-structural-and-physical-properties-of-solids-spps-2013/">http://www.globaleventslist.elsevier.com/events/2013/11/international-conference-on-structural-and-physical-properties-of-solids-spps-2013/</a>
Preparation and investigation of photodetectors based on ZnO crystals grown on silicon and porous silicon surfaces	
Comparative study between sensing properties of single layer (NiO) and heterojunction (NiO/p-Si) gas sensors based on nanostructured NiO films by spray pyrolysis	Journal of Materials Science: Materials in Electronics
Effects of a low dose of gamma radiation on the morphology, and the optical and the electrical properties of an ITO thin film as an electrode for solar cell applications	Journal of the Korean Physical Society

High-sensitive UV photodetector based on ZrO <sub>2</sub> nanoparticles for humidity applications	Journal of Materials Science: Materials in Electronics
Planar microcrystalline ZnO/Si heterojunction photodetector with Al electrodes	Journal of Materials Science: Materials in Electronics
Subsurface depth dependence of nitrogen doping in TiO <sub>2</sub> anatase: a DFT study	Journal of Physics: Condensed Matter
Bias stability of solution-processed In <sub>2</sub> O <sub>3</sub> thin film transistors	Journal of Physics: Materials
Theoretical and experimental investigation of the electronic and optical properties of pure and interstitial nitrogen-doped (TiO <sub>2</sub> ) <sub>n</sub> cluster	Optical and Quantum Electronics
Electronic properties of (TiO <sub>2</sub> ) <sub>33</sub> nanocrystals with nitrogen impurities at different facets: a DFT study	Molecular Simulation
First-principles calculation of the electronic structure of pure and nitrogen-doped anatase TiO <sub>2</sub>	AIP Conference Proceedings

## Conferences and courses attended

1. INTERNATIONAL CONFERENCE ON STRUCTURAL AND PHYSICAL
2. PROPERTIES OF SOLIDS (SPPS 2013) : under scientific title ZnO Crystal Structures Grown by Atmospheric Pressure Chemical Vapor Deposition
3. 2016 ICEEAS 3rd International Conference on energy , Environment and Applied science : under the scientific title
4. Characterization of ZnO Thin Films Deposited by (SAILAR) Method on Different Substrates for Optoelectronic Devices
5. 6th International Conference and Workshop on Basic and Applied Sciences (6thICOWOBAS)

6. (ICEIT2016-SU-3 4- International Conference On Structural and Physical Properties of Solids
7. Df
8. The 9th ICOWOBAS-2023 will signify the collaboration between Tishk International University(Iraq), Salahaddin University Erbil (Iraq), Universitas Teknologi Malaysia (Malaysia), Universitas Airlangga (Indonesia).
9. CONFERENCE AND WORKSHOP ON BASIC AND APPLIED SCIENCES (ICOWOBAS) 2021
10. Interdisciplinary view Quantum Many\_body theory-Milan-Italya

## Funding and academic awars

1-A-Grant HP10CGO446 for high-performance computer time at the national supercomputing center CINECA.

2-Grant HP10CPOBMG for high-performance computer time at the national supercomputing center CINECA.

## Professional memberships

- List any membership you hold of any professional body or learned society relevant to your research or other life activities.

## Professional Social Network Accounts:

- Professional Social Network Accounts:
  - ORCID ID: <https://orcid.org/0000-0003-2635-5849>
  - 
  - Academic Profile:
    - <https://academics.su.edu.krd/shaida.kakil>
    -
  - LinkedIn: <https://iq.linkedin.com/in/shaida-kakil-b65a4269>
  - 
  - Scholar Account: <https://scholar.google.com/citations?hl=en&user=nF4ItjcAAAAJ>
  - 
  - Research gate: [https://www.researchgate.net/profile/Shaida\\_Kakil](https://www.researchgate.net/profile/Shaida_Kakil)