



## Zahid Hussain

**Date of birth:** 15/12/1992 | **Nationality:** Pakistani | **Phone number:** (+92) 3035755983 (Home) |

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**Address:** Sarishta Nashaib P/o Jaman Shah Tehsil and District Layyah 31600, Punjab, Pakistan (Home)

### ABOUT ME

I am motivated young researcher want to conduct experimental work under your esteemed command in abroad to show research potential in field of **Astronomy and Astrophysics** and Nanomaterials applications for energy. Moreover, I can perform and want to address the solution of challenge in field.

### WORK EXPERIENCE

05/01/2022 – Currently Punjab, Pakistan

**PHYSICS LECTURER** SUPERIOR GROUP OF COLLEGE

**Address** Police line Road Layyah 31200, Punjab, Pakistan

01/01/2018 – 01/01/2022 Punjab, Pakistan

**PHYSICS LECTURER** PUNJAB GROUP OF COLLEGE

**Address** Eid Gaha Road Layyah 31200, Punjab, Pakistan

01/01/2024– 01/06/2024 Punjab, Pakistan

**RESEARCH ASSISTANT** DR. FAKHAR E ALAM LAB GOVERNMENT COLLEGE UNIVERSITY FAISALABAD

**Address** Allama Iqbal Road Faisalabad 38000, Punjab, Pakistan

01/05/2023 – 01/05/2024 Punjab, Pakistan

**LAB IN CHARGE** DR. FAKHAR E ALAM GOVERNMENT COLLEGE UNIVERSITY FAISALABAD

**Address** Allama Iqbal Road Faisalabad 38000, Punjab, Pakistan

### EDUCATION AND TRAINING

03/10/2017 – 03/10/2019 Punjab, Pakistan

**MASTER OF PHILOSOPHY (MPHIL) IN PHYSICS** GOVERNMENT COLLEGE UNIVERSITY FAISALABAD, PUNJAB, PAKISTAN

**Address** Allama Iqbal Road Faisalabad 38000, Punjab, Pakistan **Website** [www.gcuf.edu.pk](http://www.gcuf.edu.pk)

10/07/2015 – 10/07/2017 Punjab, Pakistan

**MASTER OF SCIENCE (M.SC) IN PHYSICS** GOVERNMENT COLLEGE UNIVERSITY FAISALABAD, PUNJAB, PAKISTAN

**Address** Allama Iqbal Road Faisalabad 38000, Punjab, Pakistan **Website** [www.gcuf.edu.pk](http://www.gcuf.edu.pk)

21/08/2013 – 21/08/2015 Punjab, Pakistan

**BACHLOR OF SCIENCE (B.SC) IN PHYSICS** BAHAUDDINE ZAKRIA UNIVERSITY MULTAN, PUNJAB, PAKISTAN

**Address** Bosan Road Multan 60800, Punjab, Pakistan **Website** [www.bzu.edu.pk](http://www.bzu.edu.pk)

01/01/2014 – 01/01/2016 ISLAMABAD, Pakistan

**BACHELOR OF EDUCATION (B.ED)** ALLAMA IQBAL OPEN UNIVERSITY ISLAMABAD, PAKISTAN

**Address** Ashfaq Ahmad Road 44310, ISLAMABAD, Pakistan **Website** [www.aiou.edu.pk](http://www.aiou.edu.pk)

## ● LANGUAGE SKILLS

Mother tongue(s): **URDU**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	A2	A1	A1	A2	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## ● SKILLS

### Personal skill;

- Understanding Photoluminescence/Electronic absorption Spectroscopy
- Good understanding in origin software, MATLAB, Python, Word and Excel
- Good Command on UV, XRD, AFM, TEM, EDX, SEM, XPX, FTIR, XPM,, BDS,PTRTLS and TL
- Excellent understanding with GC, HPLC, Plasma chamber and Spectrophotometer
- Good understanding laminar flow cabinet/ MTT assay cell culturing/Antibacterial Activity
- Can work in a group and coordinate well

### Research Experience;

**THESES;** STRUCTURAL, ELECTRICAL AND THERMAL PROPERTIES OF SILVER NANOPARTICLES SYNTHESIZED USING EPOXY RESIN COMPOSITES

- Writing **review article** during Master Degree (MSc and MS).
- Work experience of **writing Thesis** and **research paper** from thesis.
- **Poster Presentation** in national and International Conference.
- **Oral Presentation** in International conference

### Research Interest; I have interest in following field;

- **Astronomy and Astrophysics**
- Nano Particle and Nano Technology/ Thin Film
- Solar Cell / Energy Storage Devices
- Material sciences and Smart Materials
- Nuclear Medicine and Nuclear Physics
- Optical Devices and Optics/ Laser
- Ferroelectric And solid- state materials/ Electromagnetism
- Radiation Therapy/ Cancer Treatment
- Plasmonics And Nanophotonics
- Graphene/ Bio Sensors/ Ferrites
- Semiconductor devices/ Electronic devices

## ● CONFERENCES AND SEMINARS

19/02/2018 – 20/02/2018 GOVERNMENT COLLEGE UNIVERSITY FAISALABAD, PUNJAB, PAKISTAN

**"Participated In 2th International Conference On "MATERIALS SCIENCE & NANOTECHNOLOGY"**

04/04/2025 – 06/04/2025 Congress city Izmir, Turkiye

**"Participated And Online Presentation In 6th INTERNATIONAL AEGEAN CONFERENCES On Natural & Medical Sciences"**



**"international symposium on nanotechnonogy and microbiology for sutainable future organized by;Institute of microbiology"**

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16/05/2023 – 18/05/2023 Khwaja Fareed University of Engineering & Information Rahim Yar Khan ,Pakistan

**3<sup>rd</sup> International Conference on Engineering and Physical Sciences held KFUEIT**

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02/11/2022 – 04/11/2022 Rahim Yar Khan Pakistan

**In 20th International and 32th National Chemistry Conference held KFUEIT**

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17/02/2025 – 19/02/2025 GOVERNMENT COLLEGE UNIVERSITY FAISALABAD,PUNJAB,PAKISTAN

**7th International conference on Materials Science and Nanotechnology**

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## ● **PUBLICATIONS**

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2024

**"Synthesis and characterization of chemical and Green-synthesized Silver Oxide particles for evaluation of antiviral and anticancer activity"**

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Z.Hussain M.Asif..... Pharmaceuticals 2024, 17(7)

**Link** <https://doi.org/10.3390/ph17070908>

2020

**"Synthesis and characterization of Silver Nanoparticles with Epoxy Resin composites"**

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Z.Hussain,S.Tahir..... Digest Journal Vol. 15, No. 3, July - September 2020

2024

**"Impact of La/Cr Co-Doped Bismuth Ferrite Nanoparticles on Structural,Optical Properties for Perovskite Solar Cells"**

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Z.Hussain,Fakhar-e- Alam ..... (Under Review)

## ● REFERENCES

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**Dr. Muhammad Fakhar- e-Alam** Associate Professor

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Government college university Faisalabad, Punjab, Pakistan

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**Dr.Sofia Akbar** Assistant Professor

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Government college university Faisalabad, Punjab, Pakistan

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