



Aqsa Rani

Date of birth: 01/04/2000 | **Nationality:** Pakistani | **Phone number:** (+92) 3099105660 (Mobile) |

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Address: Gujranwala , Ali Pur Chattha, 50250, gujranwala, Pakistan (Home)

ABOUT ME

Results-driven researcher with expertise in structural and optical investigations of co-doped metal organic framework (MOF). Ability to design and execute scientific experiments, analyze data and demonstrate innovative solutions. Skilled in scientific research, data analysis and problem-solving. Adept at working independently and collaboratively in fast-paced environments. Committed to bringing new ideas, solutions and achievements to challenging projects.

EDUCATION AND TRAINING

20/09/2022 – 01/12/2024 Faisalabad, Pakistan
MASTER University of Agriculture, Faisalabad

Proficient in the synthesis, characterization and application of metal organic framework (MOFs) with a strong understanding of their structural and optical properties. Ability to design and conduct experiments, collect and analyze data and draw meaningful conclusion.

Website <https://www.uaf.edu.pk/> | **Field of study** Natural sciences, mathematics and statistics | **Final grade** 3.90/4.0 |

Thesis Structural and Optical investigations of co-doped Metal Organic Framework (MOF)

18/08/2018 – 22/08/2022 Bahawalpur, Pakistan
BACHELOR The Islamia University of Bahawalpur

Website <https://www.iub.edu.pk/> | **Field of study** Physics | **Final grade** 4.00/3.95

02/02/2016 – 12/09/2018 gujranwala, Pakistan
INTERMEDIATE (PRE-ENGINEERING) Government Girls Community Higher Secondary School, Ali Pur Chattha

Website <https://www.governmentgirls-community-higher-secondary-school-ali-pur-chattha-wazirabad> |

Field of study Chemistry , Physics , Mathematics | **Final grade** A+

02/01/2014 – 20/07/2016 Gujranwala, Pakistan
MATRICULATION Government Girls High School, Ali Pur Chattha, Pakistan

Website <https://ghsalipurchatha.com/> | **Field of study** Physics , Mathematics , Biology , Chemistry | **Final grade** A

DIGITAL SKILLS

LaTeX (very good) | C++ Programming - Beginner | Origin software for data analysis | Microsoft Office (Outlook, Excel, Word, PowerPoint) | Proficiency in Canva application

HONOURS AND AWARDS

05/04/2019
Higher Education Commission scholarship – The islamia university of bahawalpur

20/12/2023
Won Laptop – University of Agriculture, Faisalabad

won laptop from Prime Minister laptop distribution Scheme.

15/09/2024
The Punjab Educational Endowment Fund (Peef) Scholarship – University of Agriculture, Faisalabad

COURSES

Relevant Coursework in Physics

- Quantum Mechanics
- Nuclear physics
- Modern physics
- Medical physics
- Classical Physics
- Mathematical Methods
- Statistics

22/10/2024 – CURRENT

German language

LANGUAGE SKILLS

Mother tongue(s): **URDU**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH, PUNJABI	B2	B1	B2	A2	B1

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

WORK EXPERIENCE

01/11/2022 – 30/11/2024 Faisalabad, Pakistan

LECTURER IN PHYSICS KIPS COLLEGE FAISALABAD, PAKISTAN

Delivered lessons, and ensured a healthy classroom environment for learning.

- Educated students to carry out on lab experiments responsibly.
- Set up tests, assignments, experiments, and graded students.
- Attended staff and parent meetings, conferences, and workshops and prepared students for science fairs and expos.

CONFERENCES AND SEMINARS

Attend International conference on emerging trends in physics organized by Department of Physics, The islamia university of Bahawalpur- 2022

HOBBIES AND INTERESTS

Leisure Activities and Interests

- Reading Books
- listening and singing Music
- practicing Yoga and Meditation
- spending time in photography and nature
- staying updated on the latest developments in science and technology
- Innovations in education and research

RECOMMENDATIONS

Muhammad Yasir Javed Associate Professor

Department of Physics
Faculty of Natural Sciences
University of Agriculture, Faisalabad, Pakistan

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Muhammad Yasir Jamil Chairman

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Faculty of Natural Sciences

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Dr. Shafqat Ali Assistant Professor

Department of Mathematics
Faculty of Physical and Mathematical Sciences
The Islamia University of Bahawalpur, Pakistan

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