

Muhammad Usama Shabbir

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Education

Master of Philosophy (M.Phil) in Inorganic Chemistry **2020 - 2022**
Department of Chemistry, Government College University Faisalabad (GCUF), Pakistan
Final grade/CGPA: 3.88/4.0

Bachelor of Science (BS) in Chemistry **2016-2020**
Department of Chemistry, University of Sargodha (UOS), Sargodha, Pakistan
Final grade/CGPA: 3.66/4.0

Career Objectives

To secure a position that aligns with my career goals and values, offering a supportive work culture, challenging environment, and opportunities for growth. With my skills and experience, I am eager to contribute to position that prioritizes development and innovation. Ultimately, I seek a fulfilling and rewarding career where I can make a positive impact and grow both professionally and personally.

Publications

Shabbir, M. U., Adeel, S., Bokhari, T. H., Usman, M., Khosa, M. K., Ahmad, T., & Inayat, A. (2022). Eco-friendly acid dyeing of silk and wool fabrics using Acid Violet 49 dye. Environmental Science and Pollution Research, 1-12. (I.F-5.22)

Shabbir, M.U., Bokhari, T.H., Adeel, S., Usman, M., Aftab M., & Qayyum M.A. (2022). Sustainable microwave assisted non-polluted acid dyeing of proteinous fabrics with Acid Orange 07 dye. Environmental Science and Pollution Research (Under-review)

Internship Experience

Chemist **Dec 2022- Jun 2023**
ALKA (Pvt.) Chemicals, Faisalabad, Pakistan

- Contributed to various aspects of chemical analysis and laboratory operations
- Effectively communicated experimental results, observations, and data interpretations to supervisors and colleagues

Quality control analyst **May 2022- Aug 2022**
Noor Fatima textile, Faisalabad, Pakistan

- Developed and implemented quality control procedures in compliance with ISO standards
- Communicated quality control information to management and other stakeholders

Work Experience

Territory Manager **Oct 2023- Current**
Helix Pharma, Faisalabad, Pakistan

- Communicated with doctors, providing information on chemical composition and efficacy of medications.
- Boosted sales by using my knowledge of pharmaceutical chemistry to develop strong relationships with healthcare professionals.

Academic Tutoring

Apr 2022 – Sep 2023

Al-Hamd Tutoring Center, Faisalabad, Pakistan

- Designing lesson plans and teaching materials to engage students and enhance their understanding of concepts
- Receiving positive feedback from parents and students for my competence and approachability

Instructional and Managerial Experience

Jan 2019- Apr 2021

Al-Shahbaz group of schools and colleges, Faisalabad, Pakistan

- Effectively managed departmental resources and budget, ensuring optimal utilization and cost-effectiveness
- Planned and executed successful campus events promoting diversity, inclusion, and community building, resulting in increased student engagement and participation

COURSES & CERTIFICATES

- Research Management with IEEE Xplore, Institute of Electrical and Electronics Engineers
- Workshop on Statistics for Researchers and Scientists, Department of Statistics, Government College University, Faisalabad, Pakistan
- Oral Talk in the International Conference on Applied Chemistry (ICAC)
- International Seminar on Trends in Chemotherapeutics and Nano-Chemistry
- One Day Symposium on Nanotechnology, Application in Pakistan; Present Scenario and Future Application

TECHNICAL SKILLS

Proficient in Microsoft Office Suite, including Word, Excel, and PowerPoint / Skilled in web development using HTML, CSS, and JavaScript / Proficient in Python syntax and structure, including code indentation, and error handling / Effective use of ChemDraw tools for bonds, arrows, text annotation, and templates

HONORS & AWARDS

- Prime Minister Solar Power scheme for academic excellence

VOLUNTEER EXPERIENCE

- Actively participated as a member of the Youth Parliament, advocating for positive change on issues affecting young people
- Served as a dedicated member of the Royal Students Welfare Society, providing support to fellow students in both academic and personal aspects of their lives