

Qurat ul Ain

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Street # 02, Lawyer colony, Rawalpindi, Pakistan

SUMMARY

Enthusiastic and highly motivated career aspirant with a strong desire to learn and grow in a reputable organization. Known for my strong work ethic, positive attitude, and ability to quickly adapt to new environments, I am committed to continuous learning and dedicated to contributing effectively to team goals. Eager to leverage my skills to drive innovation and deliver value.

WORK EXPERIENCE

Fatima Jinnah Women University (FJWU), Rawalpindi, Pakistan September 2022 - November 2023

Academic Researcher

Dissertation in collaboration with Pakistan Institute of Nuclear Science and Technology (PINSTECH), Islamabad, Pakistan

Topic: Fabrication of Nanomaterials Based Robust Elastomeric Thin Films for Electrochemical Applications

- Conducted in-depth research on nanotechnology, focusing synthesis of nanoparticles and nanoalloy
- Collaborated with experts at FJWU and PINSTECH Institute, gaining hands-on experience in advanced nanotechnology and film fabrication
- Utilized Spectroscopic and Analytical techniques such as FTIR, UV-Visible Spectroscopy, XRD, EIS, SEM and TGA to analyze and interpret data
- Produced a comprehensive dissertation that contributed to ongoing research in the field
- Research Paper is currently in progress

International Islamic University School, Islamabad, Pakistan

Aug 2023 - Mar 2024

Teacher

- Taught secondary school-level Chemistry and Biology courses affiliated with the Federal Board of Intermediate and Secondary Education (FBISE).
- Provided individualized instruction to support diverse learning needs and improve student performance.
- Executed engaging and educational laboratory experiments, enhancing students' hands-on understanding of scientific concepts.

Khurshid International College, Chakwal, Pakistan

Jan 2021 - Aug 2021

Lecturer

- Taught SSC and HSSC level chemistry and biology courses affiliated with the Federal Board of Intermediate and Secondary Education (FBISE).
- Designed and developed curriculum that aligned with FBISE standards, ensuring comprehensive coverage of key topics.
- Implemented laboratory experiments that fostered practical application of theoretical concepts, enhancing student engagement and understanding.

EDUCATION

Fatima Jinnah Women University, Rawalpindi, Pakistan

Oct 2021 - Nov 2023

M.Phil Environmental Sciences (Chemistry)

- Master with 3.94 / 4.00 CGPA
- Awarded Gold Medal
- Awarded PEEF Merit Scholarship 2023
- Selected for PM Laptop Scheme 2023

Bachelor of Science (BS) in Chemistry

- Bachelor with 3.47 / 4.00 CGPA
- Specialization in Inorganic and Analytical Chemistry
- Awarded CM Laptop (Youth initiative 2017)

Board of Intermediate and Secondary Education (BISE) Rawalpindi, Pakistan Sep 2014 - Aug 2016**Higher Secondary School Certificate (HSSC)**

- Pre-Medical with 958 / 1100 marks

Board of Intermediate and Secondary Education (BISE) Rawalpindi, Pakistan Aug 2012 - Sep 2014**Secondary School Certificate (SSC)**

- 888 / 1100 marks

CERTIFICATIONS

Impressions of Climate Change and Perpetual Natural Disasters April 2023

International Workshop at FJWU, Rawalpindi, Pakistan

Fundamentals of FTIR and UV-Visible Spectroscopy Sept 2022

FJWU, Rawalpindi, Pakistan

Basic English Language Proficiency Aug 2022

SKH Online Education, Pakistan

Basics of Scientific Writing and Data Searching Techniques May 2022

American Society of Microbiology, Washington, DC

Citations through Endnote and Effective Searching Ways through Google Scholar March 2022

Government College University, Faisalabad, Pakistan

Scientific Research Writing Feb 2022

Multiomics, Pakistan

Community Basic Life Support and Fire Safety April 2017

Punjab Emergency Service, Pakistan

SKILLS

Excellent in executing Chemical Analysis

Trained in FTIR Spectroscopic Analysis

Expert in Laboratory Instrumentation

Adept in Occupational Health and Safety

Proficient in MS Office

Good in Origin software

STRENGTHS

Adaptive Teaching Strategies

Organizational Leadership

Critical Thinking

Scientific Analysis

Management and Administration

Excellent Communication

REFERENCES

References available upon request.
