



# Huma shahzadi

📍 **Home** : house no 818 near ayesha mosque people colony Attock city, 43600, Attock, Pakistan

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**Gender**: Female **Date of birth**: 08/05/1999 **Nationality**: Pakistani

## EDUCATION AND TRAINING

[ 25/10/2023 – 03/06/2025 ]

### MS in Inorganic Chemistry

**University Of WAH** [www.uow.edu.pk](http://www.uow.edu.pk)

**Field(s) of study**: INORGANIC CHEMISTRY | **Thesis**: Fabrication of Water Repellent Functional textile Finishing based on silica Incorporated Polymeric Emulsion

- Nano-encapsulation Techniques
- Material Innovation
- Green Chemistry
- Eco-Friendly Practices
- Quality Assurance
- Sustainability focus

[ 04/11/2019 – 04/07/2023 ]

### BS in Organic Chemistry

**University Of Education** <https://ue.edu.pk/campus.php?id=48>

**Field(s) of study**: Bachelor Of Science In Chemistry | **Final grade**: 3.44/4 | **Thesis**: Soap Manufacturing and Analysis

- Chemistry Fundamental
- Saponification Process
- Laboratory Skills
- Analytical Techniques
- Problem Solving
- Time Management
- Research and Documentation
- Team Collaboration

[ 05/08/2016 – 20/08/2018 ]

### FSC PRE MEDICAL

**FG DEGREE COLLEGE**

**City**: Attock | **Country**: Pakistan | **Field(s) of study**: pre medical

[ 01/03/2014 – 20/07/2016 ]

### MATRIC WITH SCIENCE

**Government Girls High School Peoples Colony Attock**

**City**: Attock | **Country**: Pakistan

## WORK EXPERIENCE

**City**: Attock | **Country**: Pakistan

[ 18/11/2021 – 20/10/2023 ]

### Science teacher

- Chemistry, Biology, Maths, General Science
- Curriculum Development
- Lesson Planning and assessment
- Discipline Management

## LANGUAGE SKILLS

**Mother tongue(s)**: Pashtu **Other language(s)**: Urdu , Panjabi; Punjabi

## English

**LISTENING C1 READING C2 WRITING C2**

**SPOKEN PRODUCTION C1 SPOKEN INTERACTION C2**

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

## SKILLS

Microsoft Office | Microsoft Word | Microsoft Powerpoint | art and craft | sketching | strong written and verbal communication skills | Time-management and multitasking | Capable to learn and apply new technologies

## CONFERENCES AND SEMINARS

[ 14/06/2024 – 14/06/2024 ]

**INTERACTIVE PRACTICES FOR EFFECTIVE TEACHING AND LEARNING** UW AUDITORIUM

- Gained knowledge of interactive teaching methods to improve student engagement.
- Learned strategies to develop critical thinking and collaboration among learners.
- Acquired skills in using technology tools for effective classroom interaction.
- Understood techniques for creating inclusive and student-centered learning environments.

[ 12/12/2024 – 12/12/2024 ]

**INNOVATE GREEN CHEMISTRY MODELS AND POSTERS FOR SUSTAINABLE WORLD**  
UNIVERSITY OF WAH E HALL UW

This was an educational project aimed at promoting sustainable practices through the principles of green chemistry.

Key components of the project included:

- Green Chemistry Principles
- Sustainable Chemical Processes
- Waste Minimization
- Energy-Efficient Reactions
- Renewable Resources and Bio-Based Chemicals
- Public Engagement and Awareness

[ 12/09/2024 – 12/09/2024 ]

**CHEMISTRY WORKSHOP ON "Materials Characterization And Software Tools"**  
CHEMISTRY DEPARTMENT UW

- Learned material characterization techniques.
- Gained skills in using software tools for analysis.
- Understood structure-property relationships.
- Explored trends in material research.

[ 14/10/2024 – 15/10/2024 ]

**7TH PAK TURK INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES IN THE FIELD OF SCIENCE AND ENGINEERING**  
UNIVERSITY OF WAH

- Attended sessions on new technologies in science and engineering.
- Connected with experts and researchers to exchange ideas.
- Learned about the latest research trends and innovations.

[ 07/01/2025 – 08/01/2025 ]

**EXPLORING MODERN TECHNIQUES IN MATERIAL SYNTHESIS AND COMPREHENSIVE ANALYSIS**  
UNIVERSITY OF WAH

## HOBBIES AND INTERESTS

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Art and Drawing, Reading, Writing , Badminton

## COMMUNICATION AND INTERPERSONAL SKILLS

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Active Listening, Effective Scientific Communication, Public Speaking  
CollaborativeTeamwork, Conflict Resolution, Research Presentations, Team  
Leadership and Support