

# FARAL AKHTAR

**Nationality:** Pakistani

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**Date of birth:** 22/12/1998

**Gender:** Female

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 **Address:** Moh.dairy farm VPO Mirza Attock, 43600 ATTOCK (Pakistan)

## ABOUT ME

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To secure a challenging position in a reputable organization to expand my learnings, knowledge and skills.

## EDUCATION AND TRAINING

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### Bachelors of Science (Honours)

**University of Wah** [ 2017 – 2021 ]

**Address:** Quaid Ave, Wah, Rawalpindi, Punjab 47040, (Pakistan)

[www.uow.edu.pk](http://www.uow.edu.pk)

**Field(s) of study:** Inorganic / Analytical Chemistry , Natural sciences, mathematics and statistics : *Chemistry*

**Final grade :** 3.95Cgpa with 98.65% marks

### Majors

Analytical chemistry

Inorganic chemistry

Organic chemistry

Physical chemistry

### Higher Secondary School Certificate

**Army Public School and College Attock** [ 2014 – 2016 ]

**Address:** Attock Cantt, (Pakistan)

<http://www.apsacssectt.edu.pk/>

**Field(s) of study:** Pre-medical

**Final grade :** 86% marks

### Secondary School Certificate

**Noble Grammar Public Secondary School** [ 2001 – 2014 ]

**Address:** Attock Cantt, (Pakistan)

**Final grade :** 90% marks

## WORK EXPERIENCE

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### Internee

***Asfandiyar Bukhari Civil Hospital DHQ Attock*** [ 13/09/2021 – 13/11/2021 ]

City: Attock

Country: Pakistan

Name of unit or department: Pathology - Business or sector: Human health and social work activities

### Observer ship Training

Sampling

Hematology

Viral Serology

Chemistry

Microscopy

### College Teacher Internee

***Government College for Women*** [ 07/01/2022 – 07/05/2022 ]

City: Attock

Country: Pakistan

### lecturer

Applied Chemistry

Physical Chemistry

HSSC Part-1

Lab work (Experimentation)

### Chemical sciences lecturer

Country: Pakistan

## LANGUAGE SKILLS

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Mother tongue(s): **Panjabi; Punjabi** | Urdu

Other language(s):

### English

**LISTENING C1 READING C1 WRITING B2**

**SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2**

## DIGITAL SKILLS

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Microsoft Office: proficient user of Word, Excel and Powerpoint / Blogpost / Analytical skills and ability to solve problems / Poster and graphical design / zoom / Google doc / Google drive / Google meet / Social media

## COMMUNICATION AND INTERPERSONAL SKILLS

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### Declamation Contest

Urdu Speech competition

## **MANAGEMENT AND LEADERSHIP SKILLS**

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### **Group Leader**

Served as group leader in advance lab research work.

leads a team of 15 seniors and 10 juniors.

In charge of overseeing multiple projects simultaneously.

## **CONFERENCES AND SEMINARS**

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### **Seminar on Corona Virus**

Host a Seminar on behalf of Environmental Club.

Took part in arrangements.

## **NETWORKS AND MEMBERSHIPS**

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### **Environmental Club**

Member of Environmental Society and perform various activities associated with environment maintenance and awareness programs.

## **PROJECTS**

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### **Experimental Design**

01.Extraction of DNA from Tomatoes.

01.Synthesis of Zinc Oxide Nanoparticles.

03.Synthesis of a ligand i-e., Mannich base.

04.Complexation of Mannich Base with different metals.

05.Complex formation of Zinc with Ibuprofen and its further Complexation with Nitrogen- containing Ligand.

06.Medicinal importance of Zinc ibuprofen Complex.

07.Synthesis of Cobalt complexes with Ammines and their Characterization.

08.Synthesis of a complex i-e., Potassium tris (oxalate) ferrate(III) trihydrate.

09.Advanced Analytical / Characterization Techniques.

10.Analysis of Brass and determination of Copper and Zinc in the given sample of Brass.

11.Cement Analysis and determination of its components.

12.Determination of Physiochemical Parameters of tap water.

13.Drying methods for drying of different organic solvents.

14.Research article on "Nano chemistry for Nanoparticles based Diagnostics and Therapy" including drug delivery; and a Grand Presentation on it.

15.Polymeric Hydrogels for water treatment.

## **HONOURS AND AWARDS**

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### **Gold Medal**

University of Wah [ 09/12/2021 ]

Declared to be the topper of Chemistry department; session 2017-2021.