



Muhammad Danish

Nationality: Pakistani **Date of birth:** 20/08/2000 **Gender:** Male

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Home: Village Abdul Khel District Lakki Marwat KP (Pakistan)

ABOUT ME

I am a hard working, honest individual. I am a good timekeeper, always willing to learn new skills. I am friendly, helpful and polite, have a good sense of humor. I am able to work independently in busy environments and also within a team setting. I am outgoing and tactful, and able to listen effectively when solving problems. Good oral and written communication. Strong critical and analytic problem solving skills. Excellent Individual and team skill.

EDUCATION AND TRAINING

Matriculation

MCA Public High School [10/03/2014– 15/04/2016]

Address: Larri Adda, MCA Chook Lakki Marwat, KP (Pakistan)

FS.c (Pre-Medical)

Qurtuba School and Collage [06/07/2016 – 05/08/2018]

Address: Grid Road , Islamia Chok Dera Ismail Khan, KP (Pakistan)

Website: <http://qes.qurtuba.edu.pk/>

Bachelor of Science in Chemistry

Kohat University of Science and Technology [01/10/2018 – 05/08/2022]

Address: Bannu Rd, near Jarma Bridge, Kohat, Khyber Pakhtunkhwa, 26000 Kohat (Pakistan)

Website: <https://www.kust.edu.pk/kust/>

SKILLS AND EXPERINCES Final Year Research

[05/01/2021 – 04/06/2022]

Green Synthesis Of Copper Oxide Using Nanoparticles Of Fountain Grass

Semester Works

[05/05/2018 – 12/09/2022]

- 1.Preparation of simple organic compounds, t-butyl chloride, benzoicacid, tribromophenol, aspirin and acetanilide.
- 2.Nano Particles of copper Oxide.
- 3.Preparation of Molar, Normal and ppm solutions.
- 4.Standardization of HCl solution against KHP
- 5.Determination of Molecular weight by the vapor density method

(A) Dumas Method. (B) Victor Meyer's Method(glass blowing is involved).

6. Study of heat capacity ratio for Gases(N₂-CO₂ only).

7. Determination of total hardness of water using EDTA

8. Estimation of Mn(II) using EDTA

9. Estimation of Copper (iodometrically)

10. Gravimetric Analyses of Following:

(a) Cu²⁺/Ni²⁺, (b) Al³⁺/Fe³⁺, (c) Ca²⁺/Ba²⁺, (d) Cd²⁺/Pb²⁺

Lucky Cement Limited (LCL)

[01/04/2022 – 01/09/2022]

Successfully completed 06 months Internship program In lucky Cement Factory (From 3rd April, 2022 to 30th September 2022) working as a chemist about Studies chemical processes used in manufacturing and products created through chemical processes . Conducts research to help improve products and develop cost effective production processes. Tests products used in manufacturing for quality and environmental standards. under the supervision of production manager.

DIGITAL SKILLS

Zoom / Social Media tweeter / LinkDin / Microsoft Office / Gmail / Google drive / Internet

Good knowledge of Windows Operating System.

Can organize and handle data very well.

One Year DIT Diploma (Diploma Information Technology)

MOLECULAR MODELING SOFTWARE:

Excellent Command in Molecular Modeling Software.

1. ChemDraw
2. Originpro 8.5
3. Mercury 3.0
4. UV Probe

LANGUAGE SKILLS

Mother tongue(s): **Pashto**

Other language(s):

Urdu

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

RECOMMENDATIONS

Associate Professor

Name: Dr.Shoukat Shujah.

Phone number: (+92) 3335203621

Email: Shaukat.shujah@yahoo.com

Kohat University of Science and Technology

Professor

Name: Dr.Ijaz Ahmad

Phone number: (+92) 3351949080

Faculty of Chemical And pharmaceutical Sciences

Email: drijaz_chem@yahoo.com

Kohat University of Science and Technology