

## PERSONAL INFORMATION

## Taseer Ahmed



📍 Chitti Sheikhan, Muhallah Pul Wala, Tehsil Sialkot, District Sialkot

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Sex Male | Date of birth 14/01/1997 | Nationality Pakistani

## APPLIED FOR

## Lab-Analyst

## WORK EXPERIENCE

09//2021 to 8/2022

- **Quality Control Analyst**

Applied Chemistry Research Centre (ACRC), PCSIR, Lahore, Pakistan; [www.pcsir-lhr.gov.pk](http://www.pcsir-lhr.gov.pk)

- I worked as Analyst for quality control testing of drug products in Pharmaceutical Center of PCSIR, Lahore. I had to identify active ingredients and excipients by certain chemical techniques. However, I had to check physical parameters of quality control of tablets and capsule (thickness, hardness, friability, disintegration and weight variation) properly and checking expire date of the packages. Moreover, I worked in the production areas (tablet, capsule, syrup and ointments) to check the proper formulation of these dosage forms routinely.
- Utilized HPLC, UV/VIS, FTIR, Disintegrator, Friabiliter, Hardnesser, Weight balance and Dissolution Apparatus in daily test activities.

Business or sector Industrial

09/2020 to 10/2022

- **Research Assistant**

Department of Chemistry, Minhaj University, Lahore 51040, Pakistan; [www.mul.edu.pk](http://www.mul.edu.pk)

- Creating innovative approaches to detect and measure the presence of active pharmaceutical ingredients within drug formulations
- Designing of Iron oxide nanomaterials of different shapes with tunable size by co-precipitation, micro-emulsion, vapor deposition, magnetron sputtering and hydrothermal techniques, etc.
- Characterization techniques (UV-Visible spectroscopy, NMR, FT-IR, GCMS, Single crystal XRD, VSM, DLS)
- Utilizing Nanoparticles in Biomedical Applications (Heavy Metals removal from blood)

Business or sector Academia

05/2017 to 02/2019

- **Chemistry Instructor**

SIIT College of Commerce, Abbot Road, Sialkot, Pakistan.

- Working alongside with my colleagues to provide consistent education for all students
- Regularly performing experiments in lab and teaching students how to replicate the experiments under safe condition.
- Utilize maximum energy to expertise students in operating all available lab equipment.
- Educating students on the health and safety regulations in a lab.
- Designing and marking examination papers, quizzes of course work.
- Responsible for making assignments and designing PowerPoint presentations weekly for each individual class on varying chemistry topics.
- Assisting pupils in meeting grade targets.
- Attend parent-teacher conferences each session and have detailed evaluations ready to share for all students.

## EDUCATION AND TRAINING

09/2020 – 12/2022

**M.PHIL in Chemistry**

CGPA: 3.75

Department of Chemistry, Minhaj University, Lahore 51040, Pakistan; [www.mul.edu.pk](http://www.mul.edu.pk)

- **Thesis Title:** Pharmacopoeial Evaluation and Comparative Studies of Different Local Brands of Cyproheptadine Tablets

- 09/2015 – 10/2019 **BS (Hons) in Chemistry**  
 CGPA: 3.18  
 Department of Chemistry, University of Gujrat; [www.uog.edu.pk](http://www.uog.edu.pk)  
 Campus(Govt. Murray Graduate College Sialkot 51040, Pakistan); [www.murraycollege.edu.pk](http://www.murraycollege.edu.pk)
- General Chemistry
- 06/2013 – 06/2015 **F.Sc in Pre. Medical**  
 62.7% (First Division)  
 Govt. Allama Iqbal Post Graduate College Sialkot 51040, Pakistan;  
**Subjects:** Biology, Chemistry, Physics
- 03/2010 – 03/2012 **Matriculation in Science**  
 79.5% (First Division)  
 GOVT High School, Chitti Sheikhan, Sialkot.  
**Subjects:** Biology, Chemistry, Physics, Mathematics

## PERSONAL SKILLS

Mother tongue(s) Urdu

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B1	B1	B2
Urdu	C1	C1	C2	C1	C2
Arabic	C1	C1	C2	C2	C1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
 Common European Framework of Reference for Languages

Communication skills • Acquired good communication skills through international, multicultural scientific experience.

Organisational / managerial skills

- Conscious to fulfil individual targets
- Wisely manage time to complete task
- Solve problem with excellent discipline
- Goal-oriented work capacity
- Extended capacity of analysis and synthesis
- Committed to punctuality and responsibility
- Competent in team work
- Self-reliable in hard situation
- Dynamic and Proactive

Technical skills and competences

- Analytical evaluation of pharmaceutical finished products
- Practice in Pharmaceutical industry regarding Quality control of manufacturing medicines
- Designing of metal oxide based nanoparticles along with characterization
- Excellent knowledge of spectroscopic techniques, i.e., UV-VIS NMR, IR, analytical and preparative separation techniques, such as, TLC, HPLC, GC and column chromatography,.
- Excellent laboratory skills.
- Advanced knowledge about fundamental scientific databases (Google Scholar, Scopus, Web of Science) and their use.

Other skills • Scientific Writing

- Computational skills**
- Microsoft Office software (Excel, Word, PowerPoint)
  - Origin Pro
  - CorelDraw
  - SPSS
  - Mestrenova
  - ChemDraw
  - Shelxle (Single crystal XRD solving software)
  - Gaussian (DFT computations)

#### ADDITIONAL INFORMATION

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- Conferences**
- **International Symposium on Health and Nutrition, 2017**  
University of Agriculture, Faisalabad, Pakistan.
  - **Symposium on Health and Nutrition, 2018**  
Govt. Murray Graduate College Sialkot, Pakistan.
  - **Workshop of Computational Chemistry on “Computer Aided Drug Design and DFT Studies” 2021**  
University of Sialkot, Pakistan.
  - **Organic & Medicinal Chemistry Symposium 2022**  
Lahore University of Management Sciences, Lahore, Pakistan.
- Honours and awards**
- **Best Performance Award, 2019**  
SIIT College of Commerce, Sialkot.
- References**
- **Dr. Muhammad Saleem**  
**Email:** [organon303@gmail.com](mailto:organon303@gmail.com)  
Department of Chemistry, Minhaj University, Lahore 51040, Pakistan.