**RANA ADEEL TABISH**

+92-347-5578636 **|** Jhang City, Pakistan **|** ranaadeeltabish96@gmail.com

**EDUCATION**

**Master of Science in Chemistry (MSc)** October2017 – July 2019

*Government College University Faisalabad, Pakistan*

**Bachelor of Science (BSc)** August (2015 – 2017)

*Punjab University Lahore, Pakistan*

**WORK EXPERIENCE**

**Lecturer Chemistry** August 2021 – Continue

*Faran Model College, Jhang*

* Designed and delivered engaging chemistry lessons for 11th and 12th-grade students, achieving a 80% improvement in class test scores.
* Employed interactive techniques such as real-life examples and models to simplify complex chemistry concepts.
* Implemented rigorous safety protocols in the chemistry lab, resulting in zero accidents during the academic year.
* Facilitated hands-on experiments like titrations and calorimetry, enhancing students' practical skills and comprehension of core chemistry principles.

**Chemistry Instructor** September 2019 – July 2021

*Punjab Group of Colleges, Jhang*

* Delivered comprehensive lessons on chemical elements, compounds, and reactions, increasing class participation rates by 50%.
* Supervised experiments such as chromatography and spectroscopy, ensuring strict adherence to safety protocols and fostering a hands-on learning environment.
* Created detailed performance reports and feedback mechanisms, contributing to a 50% improvement in students’ chemistry grades and stronger parent-teacher collaboration.

**LABORATORY SKILLS**

* Chromatography techniques such as HPLC, TLC, Paper, and Column Chromatography.
* Spectroscopic techniques including FTIR, and UV-Spectroscopy.
* Mass spectrometry analysis.
* Solvent extraction methods.
* Distillation, filtration, purification, and crystallization techniques.
* Titration (Acid-Base, Redox, Iodometric)
* Measurement of heat of neutralization by Calorimeter

**DIGITAL SKILLS**

* Microsoft Office suite (Microsoft Word, Microsoft Excel, Microsoft PowerPoint)
* Chemical drawing software (ChemDraw, ISIS/Draw, ChemOffice)
* Molecular visualization software (GaussView, Chimera)
* Reference management software (Mendelye, EndNote)
* Statistical Package for Sciences (SPSS)

**AWARDS AND HONORS**

* Chief Minister laptop award
* PEEF scholarship worth 150,000 PKR

**PROFESSIONAL SKILLS**

**Personal Skills**

Leadership **∙** Problem-Solving **∙** Organization **∙** Negotiation **∙** Effective Communication & Collaboration

**LANGUAGE SKILLS**

Urdu, Punjabi, English