

MARYAM MUMTAZ

Chemistry Graduate & Educator

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 **Address:** Abu dabhi, UAE.

Dedicated BS Chemistry graduate with hands-on experience as a Chemistry Teacher, skilled in simplifying complex scientific concepts and fostering student engagement in the classroom. Strong foundation in analytical chemistry, laboratory techniques, and curriculum delivery. Passionate about applying chemistry knowledge in both educational and professional environments, with a commitment to continuous learning and contributing to scientific growth.

Experiences

Sanai School System | Sargodha

05/2021 – 08/2022

Science Teacher (Specializing in Chemistry)

Taught chemistry to 9th and 10th grade students, delivering engaging lessons aligned with the school curriculum. Prepared lesson plans, practical demonstrations, and assessments to simplify complex concepts and strengthen student understanding. Guided students in laboratory experiments with a focus on safety and accuracy. Provided academic support through tutoring and exam preparation, contributing to improved performance and enthusiasm for science.

Education

University of Sargodha | Sargodha

2017 – 2021

Bachelor of Science in Chemistry

Developed a strong foundation in core areas of chemistry, including organic, inorganic, physical, and analytical chemistry. Gained practical experience through laboratory experiments, data analysis, and scientific reporting. Built transferable skills in problem-solving, critical thinking, and research, applicable to both scientific and educational environments.

Skills

- Classroom Management
- Lesson Planning & Curriculum Development
- Laboratory Techniques & Safety
- Analytical & Problem-Solving Skills
- Communication & Student Engagement
- Student Mentoring & Academic Support
- Assessment & Exam Preparation
- Curriculum Adaptation for Diverse Learners
- Time Management & Organization
- Team Collaboration with Faculty & Staff

Achievement

- Improved student pass rates in Chemistry through engaging lessons and exam-focused support.
- Introduced interactive lab experiments, boosting participation and practical skills.
- Organized a school-level Science Fair to encourage STEM interest.
- Mentored students for competitions, achieving top placements.
- Recognized by school administration for outstanding teaching performance and student success.

Languages

- English (Fluent)
- Urdu (Native)