



AMMAR UL HAQ
SUBJECT SPECIALIST | PHYSICAL CHEMISTRY
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Career Summary

Academic professional combining MPhil-level research insights in Physical Chemistry with 4+ years of secondary and collegiate teaching experience. Demonstrates comprehensive expertise in Physical Chemistry and a strong academic foundation in chemical sciences.

Core Teaching Skills

- Lesson Planning & Differentiated Instruction
- Student Learning Outcomes (SLO-Based Teaching)
- Classroom Management & Discipline
- Student Assessment, Feedback & Reporting
- Exam Preparation & Revision Techniques
- Practical Chemistry & Lab Demonstrations
- Student Engagement & Motivation
- Parent-Teacher Communication
- Collaborative Curriculum Planning

Professional Experience

Chemistry Lecturer

Peshawar Model Degree College, Peshawar, Pakistan

September 2024 – January 2026

Key Responsibilities:

- Delivered engaging and well-structured lessons in Chemistry for Intermediate (FSc) students, aligned with the Board of Intermediate and Secondary Education curriculum.
- Prepared comprehensive lesson plans, practical demonstrations, and assessments to strengthen conceptual understanding and exam readiness.
- Designed and implemented lessons according to SLO-based preparation, ensuring clear learning objectives and measurable outcomes.
- Maintained effective classroom management while promoting a positive, disciplined, and inclusive learning environment.
- Supported students through remedial sessions and individualized instruction to address diverse learning needs.
- Collaborated with colleagues and academic coordinators on curriculum planning, lesson delivery, and institutional academic activities.
- Maintained accurate records of attendance, grades, and overall academic performance.
- Utilized digital tools and visual aids (such as simulations and multimedia presentations) to enhance.

Chemistry Lecturer

Islamia College Peshawar, Pakistan (Visiting Faculty)

September 2025 – April 2026

- Delivered well-structured and engaging Chemistry lessons aligned with curriculum objectives and examination standards.
- Developed detailed lesson plans with clearly defined learning objectives and measurable outcomes.
- Conducted quizzes, tests, and revision sessions to enhance student performance and exam readiness.

- Maintained effective classroom management to ensure a positive and disciplined learning environment.
- Provided individualized and remedial support to address diverse student learning needs.
- Utilized digital tools, simulations, and multimedia presentations to enhance conceptual understanding.
- Maintained accurate academic records including attendance, grades, and performance reports.

Soft Skills

- Microsoft Word, PowerPoint & Excel
- Google Classroom
- Smartboard Technology
- Digital Assessments & Online Teaching Tools
- PhET Interactive Simulations – Visualizing chemical reactions, atomic structure, and kinetics
- ChemDraw
- Origin Pro
- Xpert Highscore
- CS(Cortex) Studio

Languages Known

English | Urdu | Pashto

Educational Qualification

- Master of Philosophy (MPhil) in Physical Chemistry at National Center of Excellence in Physical Chemistry, University of Peshawar, Pakistan.
- Bachelor of Science (BS) in Chemistry at Sarhad University of Science and Information Technology Peshawar, Pakistan.

Date of Birth

1st August'1999

Documents Attestation

All required documents are attested from HEC, MOFA.