MS Chem

Am

AYESHA MUBASHIR

Ayesha Mubashir

CHEMISTRY EXPERT · AI-TRAINING CHEMISTRY REVIEWER

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IN MY WORDS

"I check an answer the way I mark a board paper: every step, every unit."

SUMMARY

MS Chemistry (Inorganic), LCWU 2014, with thesis lab work at LUMS. Lab-trained on AAS, FTIR, UV-Vis and HPLC. I have taught chemistry since 2014 and marked chemistry papers for the Lahore exam board, so I check an answer step by step: units, balancing, reasoning. Looking for remote chemistry work: AI-training review, subject-matter expert tasks, question writing.

LOOKING FOR

AI-training chemistry reviewer · **Chemistry subject-matter expert** · **Answer checking and grading** · **Chemistry question writing** · **Homework and Q&A expert**

INSTRUMENTS AND SKILLS

AAS	FTIR	UV	HPLC	pH	Sh	Hp	Mi
SPECTROSCOPY	SPECTROSCOPY	UV-VIS	CHROMATOGRAPHY	METER	ORBITAL SHAKER	HOTPLATE AND OVEN	MICROSCOPY

CHEMISTRY	Inorganic chemistry · Analytical chemistry · Water treatment and sorption studies · Lab reports
CHECKING	Marking to a fixed mark scheme · Units, balancing and significant figures · Step-by-step worked answers
WRITING	Technical reports with tables and graphs · Test papers and practice questions · Clear English

Bench methods: Qualitative and quantitative analysis, Standard solution preparation, Volumetric titrations, Salt analysis, Chromatography, Chemical separation.

EXPERIENCE

Online and Home Tutor: Chemistry, Biology and Science — 2018 – Present

Self-employed, Lahore and online

- One-to-one and small-group chemistry, biology and science lessons, at home and online.
- Write study notes, practice questions and worked answers; check every student answer step by step.

Chemistry Lecturer, F.Sc. (Intermediate) — 2016 – 2018

Peak Solutions College, Lahore

- Taught chemistry theory and practical classes to first- and second-year F.Sc. students.
- Set and marked tests and prepared students for the board exams.

Board Practical Examiner and Sub-Examiner (paper marker) — 2016–2018

Board of Intermediate and Secondary Education (BISE), Lahore, Intermediate Chemistry

- Assessed students' practical work and marked written chemistry papers for the Lahore board. Marking had to be fair, consistent and exactly to the scheme. Examiner IDs P651 and 42787.

Lab Instructor · **Lahore College for Women University** — 2015 – 2016

- Ran undergraduate chemistry practicals: solution preparation, titrations, qualitative and quantitative analysis.

Science and Chemistry Teacher (Matric) · **Govt. Girls High School Shadbagh** — Oct 2014 – Sep 2015

- Taught general science and chemistry to matric classes.

Research and Teaching Assistant · **Lahore College for Women University** — Feb 2014 – Aug 2014

- Helped run chemistry lab classes, prepared standard solutions, analysed samples and wrote up results as reports, tables and graphs.

RESEARCH

MS thesis (2014). I made a new solid material that pulls heavy metals out of water. I built it from silica gel and bentonite clay with lanthanum locked inside, then tested how much metal it could take up.

BS project (2012). I turned a common house plant into a cheap filter and measured how much nickel, copper and chromium it removes from industrial waste water.

EDUCATION

MS Chemistry (Inorganic) · Lahore College for Women University, Lahore — 2012 – 2014

BS Chemistry · Lahore College for Women University, Lahore — 2012

F.Sc. Pre-Medical, 1st Division · Fatima Jinnah College, Lahore — 2007

Matric (Science), 1st Division · Govt. School Shadbagh, Lahore — 2004

REMOTE-READY

Lahore, Pakistan. PKT (UTC+5) · 8 hours a day · Available during US working hours · Home internet with a backup connection · Power backup at home · Payoneer and bank account. Languages: English, Urdu.

Watch me explain in 60 seconds: ayesha.lirevon.com · Reference: Dr. Saadia Rasheed Tariq, Assistant Professor of Chemistry, Lahore College for Women University (contact on request). · Updated 11 Nov 2026