ARYAKRISHNA K V

M.Sc. CHEMISTRY | CHEMISTRY TEACHER

Secondary & Higher Secondary | State Board | CBSE | ICSE | IGCSE | NEET/JEE Faculty

Passionate Educator Conceptual Teacher Lifelong Learner

PROFESSIONAL SUMMARY

M.Sc. Chemistry graduate with over seven years of experience teaching Chemistry to middle school, secondary, and higher secondary students across State Board, CBSE, ICSE, and IGCSE curricula. Skilled in delivering concept-based lessons, laboratory demonstrations, lesson planning, classroom management, student assessment, and NEET/JEE foundation coaching. Strong analytical chemistry and research background with hands-on experience in modern laboratory instrumentation, bringing both academic and practical perspectives into the classroom.

EXPERIENCE – TEACHING

Chemistry Teacher / Tutor – Ignite Tuition Centre, Thrissur — **Jun 2018 – Apr 2026**
Self-Employed | On-site

- Taught Chemistry to middle, secondary and higher secondary students of State, CBSE, ICSE and IGCSE syllabi.
- Prepared lesson plans, worksheets, and study materials; conducted regular assessments and provided mentorship.
- Used interactive methods, real-life examples and visual explanations to simplify complex concepts and improve performance.
- Guided students for board examinations and built strong conceptual understanding.

Chemistry Teacher – Resonance Home Tuitions & Coaching Classes — **Aug 2023 – Mar 2024**
Thrissur, Kerala | On-site

- Taught Higher Secondary Chemistry and provided NEET & JEE coaching.
- Designed lesson plans, practice sessions, and assessment strategies.
- Guided students for board examinations and competitive entrance exams.

OTHER PROFESSIONAL EXPERIENCE

Global Project Management Trainee | Excelerate — **Jul 2026 – Present**
Remote

- Collaborating with an international team on project planning and execution.
- Developing project documentation, stakeholder communication, and planning skills.
- Strengthening leadership, teamwork, and presentation abilities.

Data Visualisation Associate | Excelerate — **Jul 2026 – Present**
Remote

- Creating dashboards and visualising data for decision-making.
- Interpreting datasets and presenting insights effectively.

Global Project Management Associate Intern | Excelerate — **Jun 2026 – Jul 2026**

- Selected for Excelerate Global Project Management Associate Internship.
- Developed Project Charter, Scope Statement, Work Breakdown Structure (WBS), and end-to-end planning for a virtual masterclass.
- Collaborated with a diverse international team and enhanced skills in communication, coordination, and Agile-style teamwork.

LABORATORY & RESEARCH EXPERIENCE

Trainee Chemist, Biogenic Labs, Kochi — **Aug 2025 – Jan 2026**
On-site

- Trained in analysis of food and water parameters. Hands-on experience in pH Meter, Turbidity Meter, Conductivity Meter, AAS, UV-Visible Spectrophotometer, HPLC, GC-MS and Kelpus Protein Analyser.

Research Trainee / Project Intern – Mahatma Gandhi University, Kottayam — **Apr 2025 – Jul 2025**
On-site

- Worked on the project "Starch–Chitosan Foam Superabsorbents for Wastewater Dye Removal".
- Involved in synthesis, characterization, adsorption studies, data analysis, and documentation.

Internship in Rubber Technology – Rubber Board of India — **May 2023 – Jun 2023**
Kottayam, Kerala | On-site

- Gained knowledge in rubber processing, compounding, testing techniques, quality testing, and industrial applications.

EDUCATION

Master of Science (M.Sc.) in Chemistry — **2024 – 2026**
St. Mary's College, Thrissur

Bachelor of Science (B.Sc.) in Chemistry — **2020 – 2023**
Sahridaya College of Advanced Studies, Kodakara

Plus Two – Bio-Math (Science) — **2018 – 2020**
Govt. VHSS, Thrissur

CERTIFICATIONS & ACHIEVEMENTS

- SWAYAM NPTEL Courses (Organic & Analytical Chemistry)
- CUReous Science Seminar
- National Seminar on NMR Spectroscopy
- Geoinformatics Add-on Course (B+ Grade)
- Mahindra Pride Soft Skills Training
- IQAC Contributor – Sahridaya College
- Project Management Foundation: Quality – NASBA & PMI
- ISO 9001:2015 Quality Management System Certification

CONTACT

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linkedin.com/in/aryakrishna-kv
Nationality: Indian
Gender: Female

CURRICULUM EXPERTISE

- Kerala State Board
- CBSE
- ICSE
- IGCSE (Cambridge)
- NEET Foundation
- JEE Foundation

SUBJECT EXPERTISE

- General Chemistry
- Organic Chemistry
- Inorganic Chemistry
- Physical Chemistry
- Analytical Chemistry

KEY SKILLS

- Chemistry Teaching (Middle, Secondary & Higher Secondary)
- Lesson Planning & Curriculum Delivery
- Classroom Management
- Student Assessment & Evaluation
- Inquiry-Based & Activity-Based Learning
- Laboratory Demonstrations
- Concept Simplification
- NEET & JEE Coaching
- IGCSE & Cambridge Teaching
- Communication & Presentation
- Mentoring & Student Counselling
- Parent Communication
- Google Classroom
- Microsoft PowerPoint, Word, Excel
- Canva, ChemDraw, Origin

LANGUAGES & INTERESTS

Languages:
Malayalam (Native) | English (Proficient)
Hindi (Intermediate) | Tamil (Intermediate)

Interests:
Scientific Journals, Journaling, Creative Writing, Science Documentaries, Teaching & Learning