DIVYAPRIYA N



Chemistry Teacher | CTET Qualified | Inquiry-Based Chemistry Educator | Online & Concept-Based Learning Specialist

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SUMMARY

Chemistry educator with strong academic training and CTET qualification, currently pursuing M.Sc. Chemistry (Organic chemistry). Experienced in lesson planning, inquiry based teaching, and guiding students toward conceptual understanding of chemistry and general science. Skilled in simplifying complex topics using storytelling, real life applications, and laboratory connections. Experienced in online tutoring and multicultural learning environments, with a strong interest in research informed teaching practices.

CORE TEACHING COMPETENCIES

Chemistry Instruction (Grades 9–12, MYP, DP) | Lesson Planning and Curriculum Development | Student Assessment and Formative Evaluation | Inquiry-Based Learning and Concept-Based Teaching | Classroom Management and Student Engagement | Laboratory Instruction and Safety Procedures | Online Teaching and Virtual Classroom Facilitation | Differentiated Instruction

EXPERIENCE

1. **Private Tutor (Online) - USA-based Student**
   March 2025 – May 2025
   - Provided online academic guidance to a U.S.-based student preparing for a state-level teacher certification examination.
   - Explained educational theories, pedagogy concepts, and classroom management strategies.
   - Used scenario-based discussions and reflective questioning to strengthen conceptual understanding and analytical thinking.

2. **Trainee Teacher**
   Atomic Energy Central School, Mysore, India - *October 2022- December 2022*
   - Delivered 44 classroom lessons in science for Grades 7–9 using learner-centered teaching strategies.
   - Prepared detailed lesson plans, worksheets, and instructional materials to support conceptual learning.
   - Conducted unit tests and science quizzes to evaluate student understanding and provide feedback.
   - Assisted in coordinating a school art exhibition, demonstrating teamwork and event organization skills.

EDUCATION

M.Sc. Chemistry - *2024 - ongoing (Final year)*
VIT, Vellore, India
Average CGPA (first three semesters): 9.17/10
Total credits earned (first three semesters): 69

B.Sc. B.Ed. (Chemistry, Botany, Zoology) – *(2019-2023)*
Regional Institute of Education, Mysore, India
Total number of credits earned- 209

Class 12- 83.4% *(2019)* and

Class 10- 9.8/10 cgpa *(2017)*

The Ashok Leyland School, Hosur

CERTIFICATIONS

1) Qualified Central Teacher Eligibility Test **(CTET)** - Paper 1 and 2
2) Advanced diploma in Hindi Language learning.
3) **COURSERA CERTIFICATIONS**
   - Understanding Research Methods (May 22, 2024)
     University of London
     https://coursera.org/verify/MW9PSFTXSWQP
   - Research Design: Inquiry and Discovery (Jul 4, 2024)
     University of North Texas
     https://coursera.org/verify/L7ZUU4HZ6UHH
   - What is Data Science? (Apr 9, 2024)
     IBM
     https://coursera.org/verify/CHLGR6JAHEGA

ACADEMIC CONFERENCES AND SYMPOSIA

- Participant, *Indo–Taiwan Symposium on Chemistry for Sustainable Societal Applications (IT-SCSSA-2024)* – Two-day international academic symposium, VIT, Vellore. **(16th and 17th July, 2024)**
- Participant, *Indo–Taiwan Conference on Chemistry for Sustainable Societal Applications (IT-CCSSA-2026)* – Two-day international conference focused on sustainable chemistry research and collaboration, VIT, Vellore**. (29th and 30th January, 2026)**

POSTER PRESENTATION

Poster presentation on *Sustainable Design and Synthesis of Baylis–Hillman adduct derived from 2H-Chromene as Therapeutically Important Scaffolds* during the Two days Indo-Taiwan Conference on Chemistry for Sustainable Societal Applications (IT-CCSSA-2026).

LABORATORY & PRACTICAL SKILLS

- Hands-on experience with chromatography techniques (TLC and column chromatography)
- Experience in observing, documenting, and analysing experimental outcomes
- Exposure to reading and interpreting chemistry research articles
- Ability to link laboratory work with underlying chemical concepts
- Strong awareness of laboratory safety and responsible practices

EDUCATIONAL TOOLS

- PowerPoint presentations for concept visualization
- Using Google White board to facilitate chemical reactions understanding.
- Online teaching platforms (Zoom / virtual classroom tools)

LANGUAGES

English – Read, Write and Speak

Tamil – Read, Write and Speak

Hindi – Read, Write and speak

DECLARATION

I hereby declare that the information provided in this resume is true to the best of my knowledge and belief.

Signature: 