

OBJECTIVE

Dynamic and Passionate Educator seeking a teaching position in Chemistry / Biology, aiming to leverage self expertise and experience to inspire students, foster a deep understanding of scientific principles, and contribute to the development of innovative educational projects.

PROFILE SUMMARY

- Central Teacher Eligibility Test (CTET) Qualified (Dec 2022)
 - B.Ed. with Specialization in Science
 - M.Sc. in Chemistry, B.Sc. in Medical (Botany, Zoology, Chemistry)
 - 6 months experience in Technical Content Writing
 - 2 years' experience in Private Coaching Classes
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EDUCATION

Specialization	Year	CGPA/Percentage	University
Bachelor Of Education (Science)	2021-2023	68.7%	Kurukshetra University
M.Sc. in Organic Chemistry	2017-2019	7.83	Maharishi Markandeshwar University (MMU)
B.Sc. in Medical (Botany, Zoology, Chemistry)	2014-2017	72.89%	Kurukshetra University
12th	2013-2014	75%	CBSE Board
10th	2010-2012	8.4	CBSE Board

EXPERIENCE

Content Writer (Freelancer) - Trivium Education Services Private Limited	July'2020 – Dec`2020
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- Developed academic content on Chemistry and Biology tailored for high school students in the US and UK.
- Engaged in various writing formats, including topic-based content creation and the development of questionnaires on diverse subjects for US and UK curricula.
- Created comprehensive content featuring text, chemical structures, and illustrative diagrams.
- Ensured high-quality writing with a focus on originality, adherence to word count requirements, and maintaining an appropriate Lexile measure.
- Conducted peer reviews as part of the overall quality assurance process.

- Taught physics, chemistry, and biology concepts, adapting lessons to suit the learning pace and style of individual students, resulting in improved understanding and engagement.
- Designed lesson plans and study materials aligned with educational standards, making complex topics accessible and interesting for young students.
- Conducted regular assessments, quizzes, and practice tests to monitor students' understanding and progress, ensuring alignment with academic goals.

PROJECTS

Research on Organic Synthesis

Oct'2018 – Apr`2019**Project Name :** Synthesis of Benzimidazoles**Organization :** Maharishi Markandeshwar University**Team Size :** 3**Description :** Synthesis of different kinds of Benzimidazoles by using O-phenyldiamine and different substituted benzoic acid, chemical properties and physical properties of benzimidazoles.

Industrial Training in Pharmaceutical Company (Upkar Pharmaceuticals)

June'2018 – July'2018

- This involved research on the principles of drugs impacting the body and see how these concepts apply to the treatment & prevention of diseases.
- Explored how various drugs bind to specific receptors, enzymes, or proteins, impacting physiological processes.
- Researched and identified specific molecular targets for drug intervention, including receptors, enzymes, and ion channels that play critical roles in disease pathology.

Advanced Diploma in Medical Lab Technology

2014 – 2016

- Conducted comprehensive studies and performed research on Diagnosis, Prevention & Treatment of diseases in patients through clinical laboratory tests.
- Performed ABO and Rh blood typing to determine patients' blood groups, essential for safe blood transfusions, etc.
- Conducted hemoglobin tests to evaluate red blood cell count and identify conditions such as anemia or polycythemia.
- Measured fasting and postprandial blood glucose levels to monitor and manage diabetes. Interpreted results to provide insights on glucose metabolism, helping physicians adjust medication dosages, recommend lifestyle changes, and prevent complications related to hyperglycemia or hypoglycemia.