

Mahesh Kumar Neupane

Kalikot, Nepal

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Objective

Recent BSc. Physics graduate with a passion for science and research. Seeking a part-time teaching position where I can share my knowledge in physics and mathematics with students. Committed to fostering critical thinking, problem-solving skills, and scientific curiosity among students.

Education

St. Xavier's College, Tribhuvan University (TU) <i>Bachelor of Science in Physics, First Division</i> Key Areas: Modern Physics, Quantum Mechanics, Electromagnetism, Linear Algebra, Statistics	Kathmandu, Nepal 2019–2023
REHDON College <i>High School (+2 Science), GPA: 3.5</i>	Kathmandu, Nepal 2016–2018
Noble English Medium Secondary School <i>SEE, GPA: 3.55</i>	Kohalpur, Banke 2015

Work Experience

Glen Buds Secondary School <i>Secondary School Teacher (Part-Time)</i> <ul style="list-style-type: none">Taught Science, Mathematics, and Optional Math to Grades 8–10 with a focus on concept clarity and problem-solving.Designed interactive lessons, managed classroom dynamics, and conducted assessments.Provided remedial support and mentorship tailored to individual learning needs.	Kathmandu, Nepal 2022–2025
Self-Employed <i>Private Tutor</i> <ul style="list-style-type: none">Provided personalized tutoring in Math and Science to 8+ students from Grades 7–10.Focused on building foundational skills and improving exam performance.Adapted teaching methods to meet diverse learner needs and goals.	Kathmandu, Nepal 2020–Present

Research Experience

Computational Chemistry Research <i>Research Contributor (DFT Methods), Co-author on paper accepted in Scientific Reports (Nature)</i>	2023–2025
<ul style="list-style-type: none">Conducted DFT simulations and data analysis using Gaussian and Multiwfn.Collaborated in literature review and manuscript preparation.	

Professional Development

Workshops Attended.....

2023: Data Analysis in Particle Physics (The Abdus Salam International Centre for Theoretical Physics - ICTP)

2022: Deep Learning in Physics (Kathmandu University)

Skills

Subjects Taught: Science, Mathematics, Optional Math

Technical Skills: C, Python, R, LaTeX, Jupyter Notebook, MS Office Suite

Soft Skills: Communication, Empathy, Classroom Management, Problem-Solving, Creativity, Mentorship

Leadership & Volunteering

Leo Club of Kathmandu Temple Siddhi Binayak

Kathmandu, Nepal

Founder & President

2020–2023

○ Led a 30-member team and organized over 12 community service programs.

Volunteer Roles: Be The Change Library Volunteer (Sindhupalchowk)

Physics Outreach Leader (St. Xavier's Physics Council - SXPC)

Additional Information

Languages: Nepali (Native), English (Fluent)

Interests: Teaching, Community Service, Computational Physics