Gurpreet Kaur Sandhu

Computer Science Teacher (PGT)

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PERSONAL STATEMENT

Computer Science teacher with 4 years of experience teaching CBSE Classes VI to XII, including Python, SQL and the CBSE Artificial Intelligence skill subject. Manages a 40-system computer lab, runs the school coding club and has guided Class XII batches to a Computer Science average of 88%.

WORK EXPERIENCE

PGT – Computer Science · Shivalik Heights Public School, Mohali — Apr 2023 – Present

- Teach Computer Science (Python, MySQL, networking) to Classes XI and XII; Class XII board average rose from 81% to 88% in two batches.
- Introduced the CBSE Artificial Intelligence skill subject for Classes IX and X, enrolling 96 students in the first year.
- Started a weekly coding club using Scratch, Python and Arduino; 3 student teams reached the state round of a national school innovation challenge.
- Manage a 40-system lab, software licences and the school's Google Workspace accounts for 1,100 students with the IT vendor.

Computer Teacher · Tricity Model School, Chandigarh — Jun 2021 – Mar 2023

- Taught computer applications, MS Office, HTML and Scratch to Classes III to VIII across 14 sections.
- Converted practical files to Google Classroom submissions, saving about 6 hours of checking time a week.
- Trained 35 teachers on smart boards and online assessment tools during the shift to blended learning.

EDUCATION

B.Ed. in Computer Science pedagogy · Punjab Institute of Teacher Education, Chandigarh — 2019 – 2021
Grade: 80%

MCA in Computer Applications · Malwa College of Engineering and Technology, Patiala — 2017 – 2019
Grade: 7.9 CGPA

SKILLS

Python · MySQL · CBSE Computer Science · Artificial Intelligence (CBSE skill subject) · Scratch · Arduino · Google Workspace for Education · Computer lab management

CORE SKILLS

- Practical-based teaching
- Coding club mentoring
- Board project guidance
- Teacher tech training
- Digital safety awareness

CERTIFICATIONS

Google Certified Educator Level 1 · Google for Education — Sep 2022

Programming, Data Structures and Algorithms using Python · NPTEL — Nov 2023

PSTET Paper II · Punjab School Education Board — Mar 2021

LANGUAGES

Punjabi · Native · Hindi · Fluent · English · Fluent

MakePerfectResume · Free

HOBBIES & INTERESTS

Building small robotics kits, photography