### **Job Title: Computer Science Teacher**

**Location:** Avasara Academy Campus
**Reports To:** Principal

### **Role Overview:**

The Computer Science Teacher at Avasara Academy will be responsible for delivering engaging and interactive lessons for students across Grades 6-12, with a strong focus on Cambridge IGCSE (9626) and AS/A Level (9618) curricula. This role requires an educator who is passionate about computer science, innovative teaching methodologies, and fostering computational thinking and problem-solving skills among students.

The teacher will play a key role in preparing students for Cambridge examinations, supporting their academic growth, and integrating technology-driven learning experiences. Additionally, the role involves designing a bridge course to support students transitioning from IGCSE to A-Level and contributing to the school's broader STEM initiatives.

### **Key Responsibilities:**

#### **Curriculum Delivery & Student Learning**

* Plan and deliver engaging and interactive lessons for Cambridge IGCSE (9626) and AS/A Level (9618) students.
* Design lesson plans, assignments, and assessments in alignment with Cambridge syllabus guidelines.
* Teach key topics such as programming, algorithms, databases, networking, and emerging technologies.
* Prepare students for Cambridge examinations through structured guidance and past paper practice.
* Provide individualized support to students to enhance conceptual clarity and problem-solving skills.
* Plan and deliver a structured technology curriculum for middle school students (Grades 6-9), laying the foundation for future engagement with the Cambridge IT curriculum.
* Incorporate modern teaching methodologies and digital tools to create an interactive learning experience.
* Stay updated with Cambridge curriculum changes and adapt teaching strategies accordingly.

#### **Student Support & Development**

* Provide individualized academic support to students to strengthen conceptual clarity and problem-solving skills.
* Design and facilitate computer science classes for students from Grades 6 to 10 to build foundational knowledge and prepare them for advanced studies.
* Develop and implement a Bridge Course to support IGCSE students transitioning to A-Level IT/Computer Science.
* Encourage and mentor students in coding, software development, and innovation-based projects.
* Guide students in applying computational thinking to real-world challenges.

#### **Technology Integration & Innovation**

* Stay updated with Cambridge curriculum changes and integrate advancements in the field of computer science into teaching strategies.
* Collaborate with the school's STEM/IT department to foster innovation, student projects, and coding clubs.
* Manage and coordinate hardware and software requirements for all technology classes, ensuring access to appropriate learning tools and resources.
* Promote ethical digital practices and cybersecurity awareness among students.

#### **Administrative & Professional Responsibilities**

* Maintain accurate records of student progress, assignments, and assessments.
* Participate in faculty meetings, professional development sessions, and collaborative planning with colleagues.
* Communicate effectively with students, parents, and school leadership regarding student performance and academic expectations.
* Contribute to the broader educational mission of Avasara Academy, supporting leadership, entrepreneurship, and digital literacy initiatives.

### **Qualifications & Skills:**

#### **Educational Background:**

* Bachelor’s or Master’s degree in Computer Science, Information Technology, or a related field.
* **Preferred:** Cambridge PDQ (Professional Development Qualification) or equivalent teaching certification.

#### **Experience:**

* Minimum **2+ years** of experience teaching Cambridge IGCSE & A-Level (9626 & 9618) or equivalent curricula.
* Experience in designing and implementing technology-related courses and student projects.

#### **Technical Proficiency:**

* Strong programming knowledge (Python, Java, C++ preferred).
* Proficiency in databases, networking, cybersecurity, and software development.
* Familiarity with educational technology tools and coding platforms (e.g., Scratch, Arduino, Raspberry Pi, etc.).

#### **Key Skills:**

* Excellent communication and classroom management skills.
* Ability to create an interactive and stimulating learning environment.
* Strong analytical and problem-solving skills.
* Passion for mentoring and guiding students in computational thinking and digital innovation.

### **Compensation & Benefits:**

* Competitive salary commensurate with experience.
* Professional development opportunities.
* Access to cutting-edge technology and teaching resources.

This role is an exciting opportunity for a dynamic educator to inspire young minds, cultivate a strong foundation in computer science, and prepare students for a technology-driven future.

**Location:** Pune, India

**Start Date:** June 2025 (pre-joining activities may take place in the last week of May 2025)

**To Apply:** Email personnel@avasara.in with a CV or resume and cover letter detailing your experience and interest in the position. Please enclose a list of 2 references with your application (one of which should be your current supervisor).