

# Preparing for an AI-Driven World: DAV's Coding Clubs and Activities That Spark Creativity



In a world where artificial intelligence (AI) and coding are becoming essential for future careers, parents in Nepal seek schools that equip children with these skills. [DAV Sushil Kedia Vishwa Bharati School](#) excels in this area by integrating coding and AI into its holistic education framework.

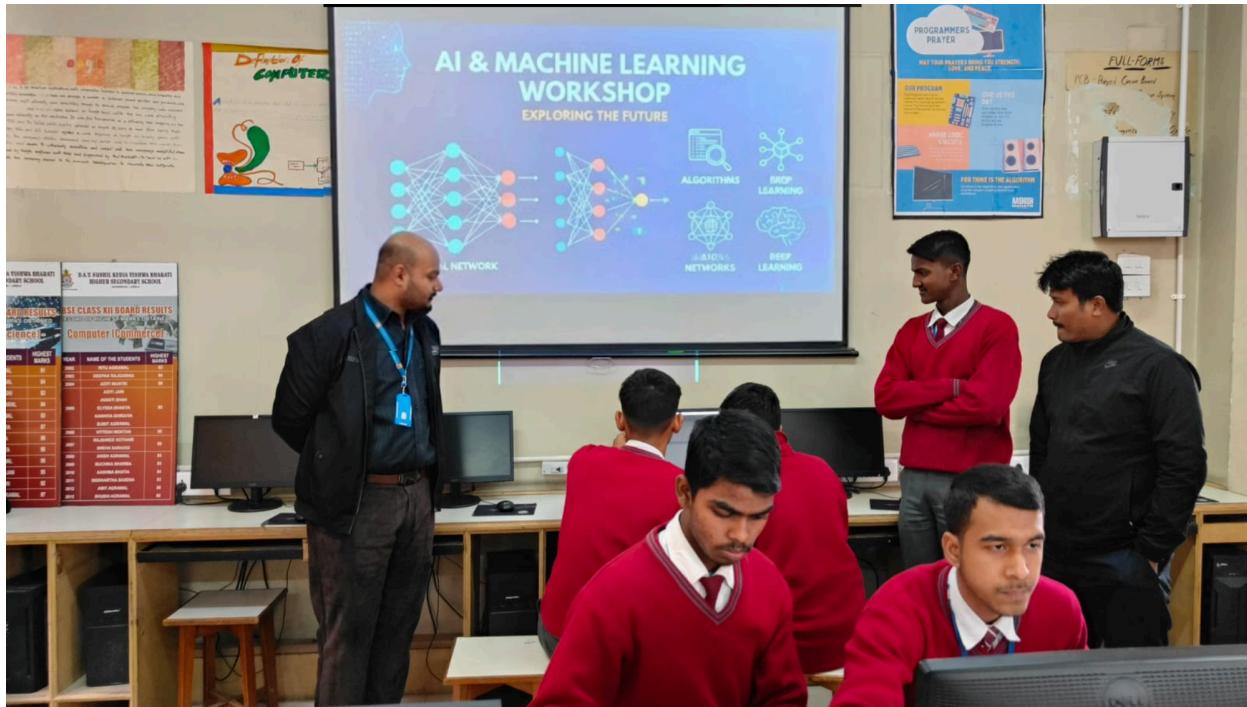
With a commitment to blending Eastern wisdom with Western advancements, DAV has alumni around the world in top global companies. The school fosters innovation and creativity through dedicated clubs and activities. This approach not only builds technical abilities but also aligns with the school's motto of "Eastern hearts and Western minds," ensuring students develop moral courage and self-confidence alongside digital fluency.

## The Role of Coding Clubs in Building Foundational Skills

DAV's Charles Babbage Computer Club serves as a key hub for sparking interest in AI and coding. This club gathers students to explore programming concepts in a supportive environment, using the school's ultra-modern computer labs equipped with internet and multimedia tools.

Activities start with basic coding in tools like Scratch, progressing to Python for creating simple programs. Teachers, trained in effective AI teaching methods, guide these sessions, making learning engaging and accessible. This mirrors global practices, such as those in Singapore's schools, where coding clubs emphasize ethical tech use and problem-solving.

## Hands-On Activities That Connect Coding to Real Life



DAV integrates coding activities across its curriculum to make AI relatable. In vocational IT subjects from Grades VI to IX, students learn fundamentals like algorithms and machine learning through practical projects. For instance, they might code basic apps for environmental tracking, linking to the Vasudha Eco Club's sustainability focus.

Smart classrooms with interactive boards allow teachers to demonstrate real-world AI applications, such as pattern recognition in daily life. These hands-on experiences, inspired by NEP 2020's emphasis on competency-based learning, help students see how coding can address local challenges like resource management in Nepal.

## Competitions and Challenges That Encourage Innovation

To build excitement, DAV organizes coding challenges and inter-house competitions. Students showcase projects, such as AI-based games or simple chatbots, in events tied to the school's six houses. These activities foster creativity and teamwork, much like international models in U.S. schools, where coding contests prepare kids for tech careers. The IT department supports these with resources like enhanced digital systems, ensuring safe and ethical exploration. Parents appreciate how these events turn abstract concepts into tangible achievements, boosting children's confidence.

## Teacher Support and Holistic Integration



DAV's success in promoting AI and coding comes from its dedicated teachers and balanced approach. Regular workshops keep educators updated on best practices, enabling them to weave tech into subjects like science and math. Daily Anapana meditation and yoga help students maintain focus during coding tasks, creating a unique blend of mindfulness and technology. As one of the [best school in Nepal](#), DAV ensures these skills align with its values of moral behavior and global citizenship, preparing students for an AI-driven future responsibly.

## Why DAV Leads in AI and Coding Education

DAV Sushil Kedia Vishwa Bharati School stands out as the best option for AI fluency in school in Nepal by making AI and coding accessible and meaningful. Through clubs, activities, and competitions, students gain fluency that goes beyond basics, ready for careers in tech. This thoughtful integration, supported by state-of-the-art facilities and trained staff, reassures parents that their children are future-ready while staying grounded in holistic values.