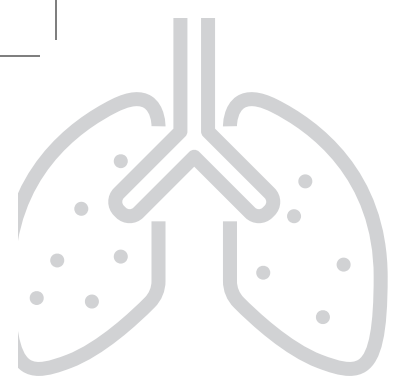


AIR

PM SHRI Kendriya Vidyalaya
AFS Akkulam, Thiruvananthapuram, Kerala





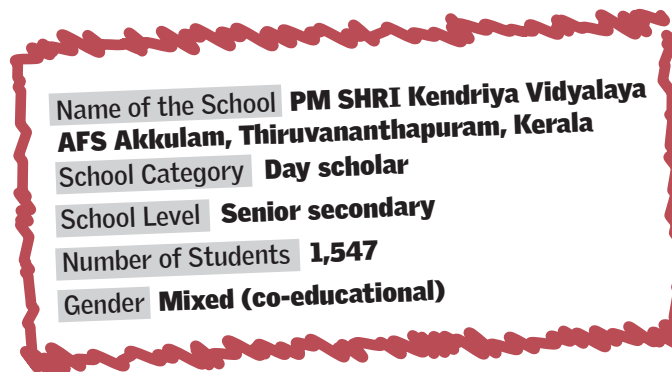
WHERE STUDENTS LED FROM THE FRONT

Student-led initiatives in this school have promoted non-polluting modes of transport (like bicycles), resulting in an 85 per cent dip in the use of private vehicles



As a school, we believe in the power of collective action. Our efforts to improve air quality and foster sustainability have been driven by the dedication of our students, teachers, and the entire school community. By implementing the Green Schools Programme, we have not only enhanced our environmental practices but also cultivated a sense of responsibility in our students. Together, we have embraced the change, creating a greener, healthier future for everyone.

KUMARA MOHAN G,
Principal

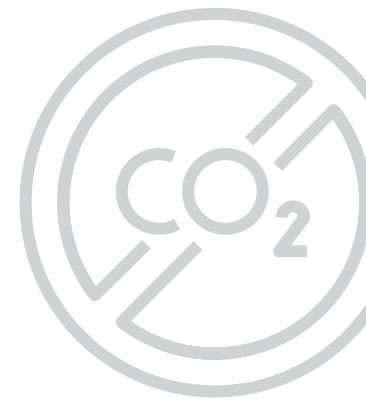


THE MOTIVATION

ADDRESSING AIR QUALITY CHALLENGES

THIRUVANANTHAPURAM, THE state capital, faces significant air quality challenges. Although not as severe as in other metropolitan cities, the air quality is steadily deteriorating. In 2023, the Air Quality Index (AQI)* of Thiruvananthapuram was 60, but within a year, it rose to around 100. The AQI level indicates a shift from moderate to unhealthy air quality, with higher pollution levels becoming more noticeable. Nitrogen oxide and sulfur dioxide emissions also contribute to the city's air

**The AQI ranges in India are as follows: 0-50 (Good), 51-100 (Moderate), 101-200 (Unhealthy for sensitive groups), 201-300 (Unhealthy), 301-400 (Very unhealthy), and 401-500 (Hazardous)*



quality concerns. If these trends persist, the city could soon face hazardous conditions.

Additionally, the school campus was affected by dust from vehicle emissions and heavy traffic outside, as well as noise pollution, which disrupted the learning environment. This growing concern motivated the school to take action. Recognizing that children, still in the process of forming habits, are key to long-term change, the school launched a campaign to improve air quality both within the school and in the surrounding community with the support of students and teachers.

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