

## Trailblazers of Tech:

### At the RoboCup Junior Asia Pacific 2025 Competition

Abu Dhabi, UAE | 10<sup>th</sup> to 15<sup>th</sup> November, and 6<sup>th</sup> December, 2025



Four young innovators from S.B. Patil Public School made their mark at the prestigious RoboCup Junior Asia Pacific 2025 Competition, held in Abu Dhabi from 10<sup>th</sup> to 15<sup>th</sup> November, 2025. Accompanying them was Robotics faculty, Pranay Neware. Representing the school with remarkable creativity and technical finesse, the students participated in the highly competitive Rescue Line Primary category.

The team comprised two students from Grade VIII — Nirvan Shah and Devendra Choudhari — along with Devansh Kedari and Aaradhy Satav from Grade VII. Together, they engineered a fully functional robot built entirely from scratch, integrating a camera-based line follower system and an additional rescue robot mechanism.



Demonstrating impressive command over both hardware and programming, the students employed the Raspberry Pi 5 controller as the core of their design, enabling precise navigation and autonomous decision-making.

from judges and mentors at the event.

Their innovative approach, coupled with their dedication to problem-solving, earned them appreciation



The team was not commended for their technical skill, commitment, teamwork, and enthusiastic participation on an international platform but on 6<sup>th</sup> December, 2025 went on to win the Best Learning Journal Award at the Robocup Asia Pacific 2025 Competition.

robotics and STEM fields.

Their accomplishment stands as a proud moment for the school and an inspiration for future aspirants in

