SERVICE BEFORE SELF

SALWAN PUBLIC SCHOOL, RAJENDRA NAGAR

PT. GIRDHARI LAL SALWAN MARG, RAJENDRA NAGAR, NEW DELHI-110060

T: +91-8800593456 / 011-49254500 / 01 | E: SPS@SALWANSCHOOLS.COM

Subject: School Innovation Club "ROBO-CODERS"
Classes VI-XI (2025-26)

SPS/1271 /2025 **27/03/2025**

Dear Parents

We are thrilled to the Robocoders 2.0 Club for students of Classes VI to XI, aimed at fostering creativity, technical skills, and innovation. The club will provide a platform for students to explore coding, robotics, and emerging technologies. In collaboration with FABROTICS, a leading organization in technology and innovation, our students will benefit from top-tier instruction in AI, robotics, and 3D printing.

A nominal fee of Rs. 4,600 per student will cover 14 sessions from April 2025 to February 2026. Students from Classes VI to XI will be selected based on their interest and aptitude in coding and AI. Please note that transport is not provided by the school and must be arranged by parents. Once payment is made and students are finalized, no refunds will be processed.

Step into the world of innovation! Click the link below for an exclusive glimpse into last year's remarkable work at the Robocoders Club.

Given below is the google link for providing the student's details.

https://forms.gle/xEcN79LrCaTCQbxn7

Responses on the Google Form will be accepted only until 10th April 2025. After this date, selections will be made. Following the selection, please submit a cheque for Rs. 4,600 in favor of SALWAN PUBLIC SCHOOL to the class teacher by 14th April 25 to confirm your child's participation in the club. The session-wise training program is attached for your reference.

Training Program	Session	Topics Covered
Python Language	01	Introduction to Python, Basics, Functions, Modules
	02	Exception Handling, GUI Programming
	03	Introduction to C, Syntax, Data Types
	04	Operators, Conditional Statements, Switch Statement
	05	Loops, Arrays
3D Printing	06	Basics of 3D Printing, History, Types, Troubleshooting
	07	Robotics Introduction, Embedded Systems, Arduino
Robotics	08	Interfacing Sensors and Motors, Arduino Programming, Project
	09	IoT Core, Components, Architecture, Project
	10	NodeMCU, Local Server Design, Home Automation Project

	11	Introduction to AI, Fundamentals
	12	Computer Vision, Open CV Module, Project
	13	AI Planning and Robotics, Chatterbox Introduction
	14	Introduction to Drones, Applications, Components, Projects

NOTE:

- Withdrawal Policy: No refunds will be processed once payment is made and students are finalized
- No request will be entertained after all the seats are booked. Being in waiting does not confirm your participation in innovation club
- Filling of google form is mandatory (link for the same is provided above in the circular)
- For any query please contact respective class teacher.

Regards

Priyanka Barara

Principal