



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: Establishment of School Innovation Club "ROBO-CODERS"

Classes VII-XI

SPS/412 /2024

13th August, 2024

Dear Parents

We are thrilled to introduce the School Innovation Club at Salwan Public School, designed to ignite creativity and critical thinking. In collaboration with CADEX, 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. 4,300/- per student will cover 14 sessions from August 2024 to February 2025. A batch of 25 students from **Classes VII to XI** will be selected based on their interest and aptitude in coding and AI. 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 16th August 2024. After this date, selections will be made. Following the selection, please submit a cheque for Rs. 4,300 in favour of SALWAN PUBLIC SCHOOL to the class teacher by 20th August 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	Node MCU, 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 the respective class teacher.
- Parents are requested to arrange the drop and pick up their wards for these special classes

Priyanka Barara

Principal