



RELHAN INNOVATION PVT. LTD.

Empowering Future Through Technology

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Empowering Future Innovators Through Technology Education

ROBOTICS WORKSHOP PROGRAM | SCHOOL PROPOSAL

To,
The Principal / Director

1. Introduction

Relhan Innovation Pvt Ltd presents this proposal to introduce our structured Robotics Workshop Program for Grade 3 to Grade 12. Our program delivers age-appropriate, hands-on STEM education — equipping students with practical skills in electronics, robotics, coding, and innovation. Each session is facilitated by certified instructors and designed to inspire curiosity, problem-solving, and real-world technology fluency.

2. Key Highlights

- Hands-on project-based learning every session — students build real circuits & robots
- Age-appropriate tracks: Grade 3–5 (Foundational), 6–8 (Intermediate), 9–12 (Advanced)
- Certified expert instructors with STEM & industry experience
- Real-world tools: Arduino, sensors, Bluetooth, PCB soldering, Tinkercad, 3D Pen
- Zero infrastructure cost — our team brings all equipment & materials
- NEP 2020 aligned — experiential learning, critical thinking & vocational exposure

3. Program Overview

Parameter	Details
Program Name	Robotics Workshop Program
Duration	20 Days
Sessions per Day	2 Sessions
Students per Session	Up to 40 Students
Session Duration	80 – 90 Minutes
Eligible Classes	Grade 3rd to Grade 12th
Charges	₹5,000 per Day Total: ₹1,00,000

4. 20-Day Syllabus Schedule

Group A = Grade 3–5 | Group B = Grade 6–8 | Group C = Grade 9–12

Day	Group A (3rd–5th)	Group B (6th–8th)	Group C (9th–12th)
1	My First Light Circuit	Build Your First Breadboard	Electronics Explorer Starter Kit
2	Glow in a Row – Series LEDs	Make Your LED Flash!	Hello Arduino – Blink & Code
3	Lights Side by Side – Parallel	Solder Your First PCB Board	Smart Blind Assist Stick
4	Press & Glow Switch	Solder, Test & Verify	Auto-Open Smart Dustbin
5	Build a Buzz Alert	Smoke Sniffer Alarm	Weather-Triggered Cooling Fan
6	DIY Glowing Table Lamp	Smart Tank Full Alert	Self-Watering Plant Guardian
7	My First Rolling Robot	No-Touch Magic Switch	Smart Power Switch Controller
8	Two-Wheel Robo Rider	Fire! Alarm Activates Instantly	Wireless Smart Home Controller
9	Spin It – DIY Motor Fan	Rain Detector Alert System	Breathe Safe – Gas Leak Alarm
10	Wings Up – Plane Model Build	Lights On at Dusk – Auto Light	Live Air Quality LED Display
11	Pedal to Power – Energy Machine	Beat Drop LED Rhythm Show	Live Digital Notice Board
12	Spirograph Doodle Art Machine	Logic Gate Lab – True or False	Build Your Own RC Racer
13	Robo Sketch Artist	Design Circuits Digitally	IoT Live Weather Station
14	Go-Go Robo Car	Virtual LED & Buzzer Sim	Eyes on Road – Obstacle Bot
15	Circuit Health Checker	Build a Multi-Part Virtual Circuit	Dusk-to-Dawn Smart Street Light
16	Smart Water Tank Monitor	Mini Project – Idea to Blueprint	Tap-In Entry – RFID Smart Lock
17	Solar-Powered Night Light	Mini Project – Assemble & Wire	Motion Alarm Security System
18	Sun-Powered Cooling Fan	Mini Project – Test & Polish	Capstone – Plan Your Big Idea
19	Solar Buzzer Alarm	Debug Lab – Fix & Power On	Capstone – Build & Power On
20	Paper Circuit Glow Art	Demo Day & Project Showcase	Grand Showcase & Certification

Additional tools such as Tinkercad, 3D Pen Designing, and Simulation will be covered separately as part of extended learning.

5. Benefits for Your Institution

- STEM brand positioning — strengthens your school's reputation as a technology-forward institution
- Parental confidence — practical workshops are a key differentiator during admissions
- Student engagement — activity-based sessions significantly reduce disengagement
- Career readiness — early tech exposure gives students an edge in Olympiads & college admissions



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6. Pricing

Description	Rate	Remarks
Robotics Workshop — Per Day	₹5,000	All materials included
Sessions Per Day	2 Sessions	80–90 mins each
Students Per Session	40 Students	Optimal batch size
Total Program Investment (20 Days)	₹1,00,000	Subject to schedule

* GST applicable as per government norms. Detailed quotation available on request.

7. Conclusion

We warmly invite your institution to partner with Relhan Innovation in empowering students with cutting-edge technology skills. Our team is ready to schedule a complimentary demonstration session at your convenience. We look forward to contributing meaningfully to your students' academic and personal growth.

Warm Regards,

Team Relhan Innovation Pvt Ltd

Building Tomorrow's Innovators, Today.

GET IN TOUCH

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