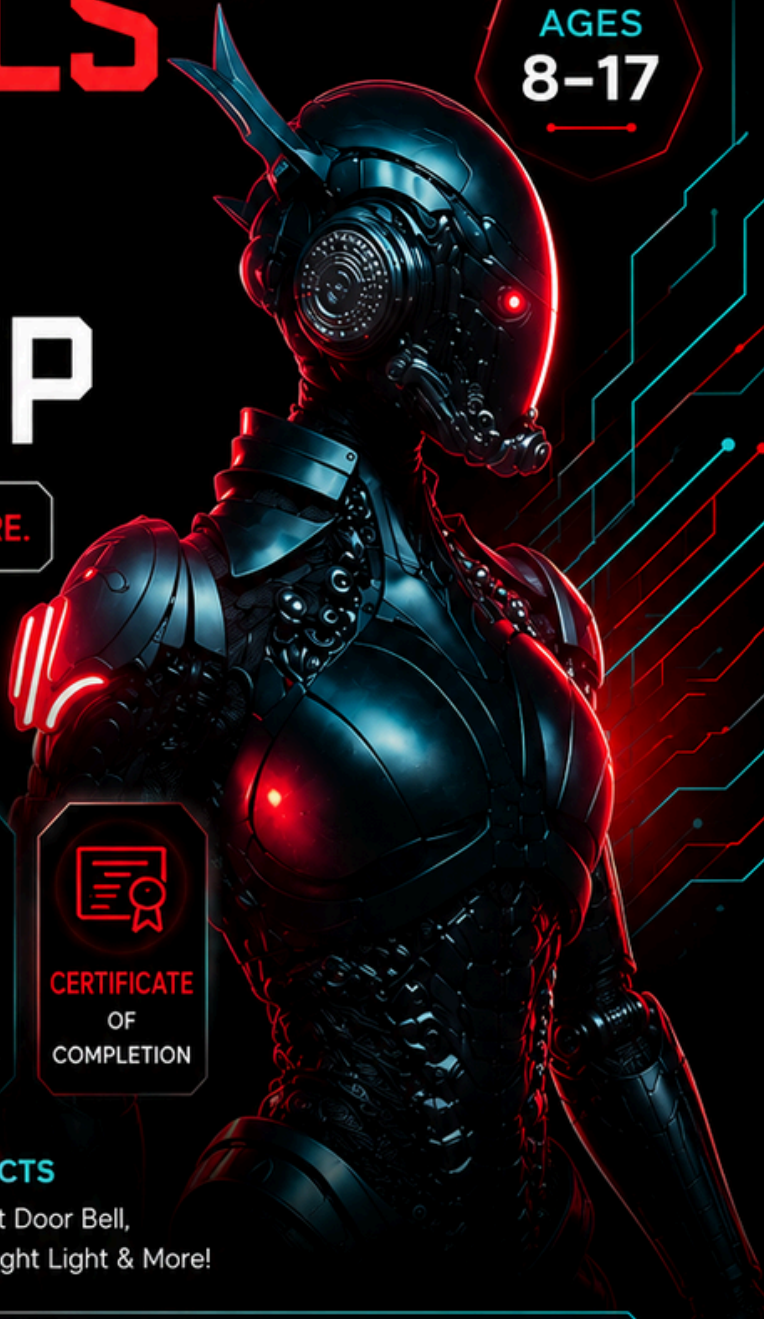


# ROBOTICS & AI BOOTCAMP

AGES  
**8-17**

**BUILD SMART ROBOTS. CODE THE FUTURE.**

A hands-on summer program where young innovators build real robotic projects using **Python, Scratch & Electronics.**





**50+**  
ROBOTICS  
MODELS




**PYTHON &  
SCRATCH  
CODING**



**7+**  
SENSORS &  
MODULES



**KIT  
PROVIDED  
TO STUDENTS**



**CERTIFICATE  
OF  
COMPLETION**



**BUILD 50+ SMART ROBOTIC PROJECTS**  
Obstacle Car, Robotic Arm, Line Follower, Smart Door Bell,  
Parking Assistant, Clap Activated Car, Smart Night Light & More!

	STARTS <b>JUNE 1</b>		ONLINE <b>LIVE CLASSES</b>	✓ LIVE INTERACTIVE SESSIONS
	ENDS <b>JULY 2</b>			✓ 8 - 10 GUIDED PROJECTS
			THRICE A WEEK	✓ STUDENT PORTAL ACCESS
				✓ EXPERT INSTRUCTOR SUPPORT

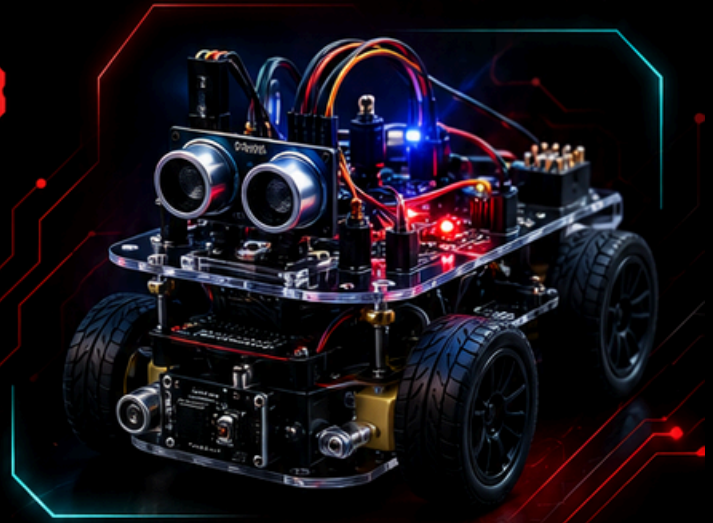
**LIMITED SEATS!  
ENROLL NOW** >>>

**FUTURE ENGINEERS  
START HERE.**

# ABOUT THE BOOTCAMP

Our Robotics & AI Bootcamp is a hands-on program designed for young innovators who want to bring ideas to life using code, electronics and robotics.

Using the **CyboSocks 50-in-1 Programmable Robot Kit**, students will learn by building real robots and smart projects while mastering **Python**, **Scratch** and electronics.



## HANDS-ON LEARNING

Build real robots & smart devices



## LEARN BY DOING

Code, build, test and improve



## IGNITE CREATIVITY

Encouraging curious minds to innovate



## FUTURE READY

Gain skills for the tech-driven world

## PERFECT FOR

- ✓ Beginners in coding
- ✓ Curious young innovators
- ✓ Students interested in AI & Robotics
- ✓ Future engineers and programmers

## WHAT STUDENTS WILL LEARN



### PYTHON PROGRAMMING

Write real code & build smart logic



### SCRATCH CODING

Create animations, games & control robots



### ELECTRONICS BASICS

Learn circuits, wiring & components



### SENSORS INTEGRATION

Work with 7+ sensors in real projects



### ROBOTICS FUNDAMENTALS

Understand movement, motors & mechanisms



### AUTOMATION & IOT CONCEPTS

Explore smart systems & automation



### PROBLEM SOLVING

Build logic, think critically & innovate



### STEM EXCELLENCE

Strengthen Science, Technology, Engineering & Math skills

## CYBOSOCKS 50-in-1 ROBOTICS KIT



- ✓ High Quality Components
- ✓ Easy to Build
- ✓ 50+ Possible Models
- ✓ Step-by-Step Guide
- ✓ Safe & Student Friendly



**KIT PROVIDED  
TO ALL STUDENTS**

# BUILD AMAZING SMART PROJECTS



**50+**  
POSSIBLE  
MODELS

LEARN • BUILD • EXPLORE • INNOVATE

**01** OBSTACLE  
AVOIDING  
ROBOT CAR



**02** ROBOTIC  
ARM



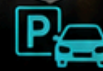
**03** SMART  
DOOR BELL



**04** SMART  
BLIND STICK



**05** PARKING  
ASSISTANT



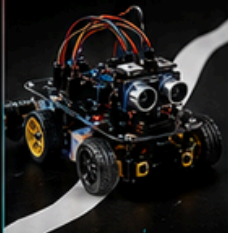
**06** ADVANCED  
EDGE  
DETECTION CAR



**07** SMART  
TOLL GATE



**08** LINE  
FOLLOWER  
ROBOT



**09** CLAP TO  
ACTIVATE CAR



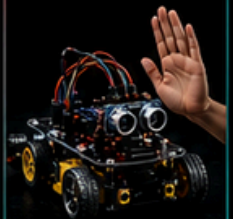
**10** DISTANCE  
ACTIVATED  
MUSIC



**11** SMART  
NIGHT LIGHT



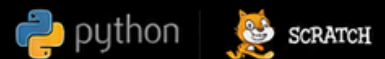
**12** HAND  
FOLLOWING  
CAR



... AND **50+** MORE EXCITING ROBOTIC MODELS!

PROJECTS • CODING • LOGIC • INNOVATION

TOOLS & TECHNOLOGIES



Build | Code | Test | Improve | Innovate



**HANDS-ON  
EXPERIENCE**  
Real robots.  
Real learning.



**BUILD  
CONFIDENCE**  
Solve problems &  
think like an engineer.



**UNLEASH  
CREATIVITY**  
Turn ideas into  
smart machines.



**PREPARE FOR  
THE FUTURE**  
Robotics & AI skills  
for tomorrow.

CODE TODAY. CREATE TOMORROW. CHANGE THE FUTURE.

# PROGRAM DETAILS

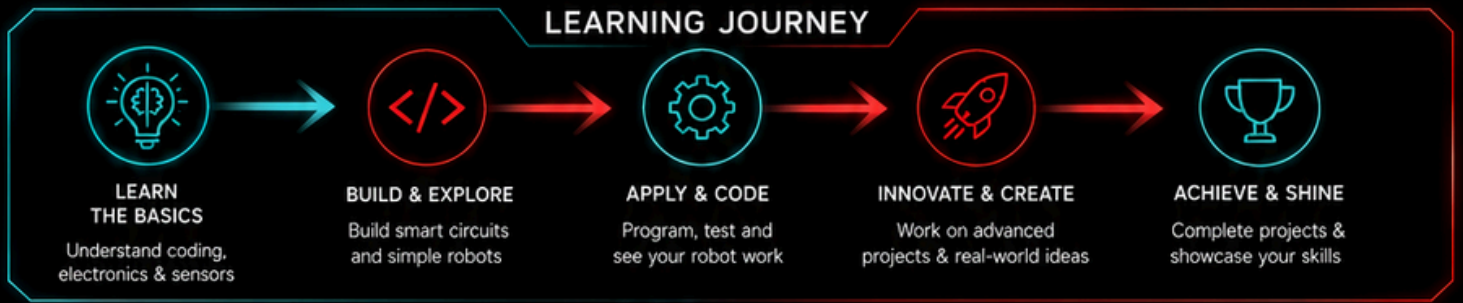
STRUCTURED. HANDS-ON. IMPACTFUL.

Our bootcamp is carefully structured to take students from basics to building advanced smart robots through step-by-step learning and exciting projects.



<p><b>DURATION</b></p> <p><b>JUNE 1 TO JULY 2</b></p> <p>5 WEEKS OF IMMERSIVE LEARNING</p>	<p><b>FREQUENCY</b></p> <p><b>THRICE A WEEK</b></p> <p>MON WED FRI</p> <p>CONSISTENT LEARNING. BETTER RESULTS.</p>	<p><b>MODE</b></p> <p><b>ONLINE LIVE CLASSES</b></p> <p>LIVE INTERACTION WITH EXPERT INSTRUCTORS</p>	<p><b>PROJECTS</b></p> <p><b>8 - 10 GUIDED PROJECTS</b></p> <p>HANDS-ON BUILDING REAL ROBOTS</p>	<p><b>ACCESS</b></p> <p><b>STUDENT PORTAL</b></p> <ul style="list-style-type: none"> <li>Class Recordings</li> <li>Notes &amp; Resources</li> <li>Code &amp; Project Files</li> <li>Quizzes &amp; Assignments</li> </ul>
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<p><b>KIT</b></p> <p><b>KIT PROVIDED TO STUDENTS</b></p> 	<p><b>CyboSocks 50 in 1 PROGRAMMABLE ROBOT KIT 2.0</b></p> <p>ALL COMPONENTS YOU NEED TO BUILD AMAZING PROJECTS</p>	<p><b>CERTIFICATE</b></p> <p><b>COMPLETION CERTIFICATE</b></p> <p>AWARDED TO ALL SUCCESSFUL STUDENTS</p>	<p><b>SUPPORT</b></p> <p><b>EXPERT SUPPORT</b></p> <ul style="list-style-type: none"> <li>Doubt Clearing</li> <li>Project Guidance</li> <li>Personal Mentoring</li> </ul>
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<p><b>A JOURNEY THAT BUILDS SKILLS, CONFIDENCE &amp; A FUTURE!</b></p> 	<p><b>STUDENTS WILL GAIN</b></p> <ul style="list-style-type: none"> <li>Strong Foundation in Robotics &amp; Coding</li> <li>Logical Thinking &amp; Problem Solving</li> <li>Creativity &amp; Innovation Mindset</li> <li>Confidence to Build Real-World Projects</li> <li>Skills for Future Tech Careers</li> </ul>
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