



ROBOTRIX INDIA

PRESENTS

Robo Junior Course



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robotrix.in



About Robotrix India:

Robotrix India is an institute where curious minds from age 8-years to a grown person of age 80-years can learn many latest hands-on applications of the Robotics, Automation and Sensors with different programming and coding languages like C, C++, JAVA, Python and Controllers, under the guidance of experienced faculties. We are providing advance Robotic Kit to our students to explore their logic and creativity more. We follow STEM (science, technology, engineering, and mathematics) education system with priority more on practical applications.



About Course:

After Learning our 1st Course Introduction to Coding with Robotics, student will learn more into C Language and they will interface Analog Devices with Arduino and they will make 7 Different Robotic Projects using C language & our Special Designed Robotic Kit.

Course Content:



- Explanation of Data types
- Explanation of Variables
- Arduino-Digital Interfacing
- Explanation of Push Button
- Push button – Value read on Serial monitor
- Introduction to Conditional Statement
- Push button- led & buzzer on/off
- Public Counter using Push Button
- Arduino – Analog Interfacing
- Explanation of Potentiometer
(Variable Resistor)
- Potentiometer – Value Read on Serial Monitor

LEARN CODE & MAKE

- Introduction to logical Operator(&&)
- Potentiometer-5 leds & buzzer on/off
- Potentiometer Values-voltage conversion using Float Variable
- Introduction to Car Mechanism and Programming for two motors
- Explanation of Motor Driver Module & 7805 Module
- 5 sec forward/backward/right/left/stable car
- Explanation of Joystick Module
- Joystick – Value read on Serial Monitor
- 5 leds on/off using Joystick
- Joystick operated Robot



Duration: 20 days

(May vary according to students learning pattern)

Session Type: 1 ON 1 Session

(1 Faculty and 1 Student Policy)

Requirement: Robotic Kit, Laptop, Headphone,
Internet with stable connection.

Course Fees: 9,999/-

(Including Robotic Kit & Shipping Charges)

Certification: Yes

Session Frequency: Twice a Week

Session Duration: 1 Hour

FAQ

How Many Robots / Systems My kid will make?

7 Different Robots or Automatic System

Will My Kid work on Robotic Kit?

Yes

Will My Kid Apply Coding Skills to Hardware?

Yes, we have designed course in that way only

Is there any Demo/ Trial Class Available?

Yes, we provide 2 demo classes as we believe in 100% satisfaction Policy, if your kid is not able to understand the logic in 2 Demo classes than after receiving of Robotic Kit we will refund 100%

Will Student Require Robotic Kit?

Yes

Who Will Provide Robotic Kit?

Robotrix India

Is Robotic Kit Cost Extra?

No, it's including in course fees

Who will pay shipping charges for Robotic Kit?

Robotrix India

What Skills are required to do the Course?

Basic computer knowledge required for this course



**FOR
REGISTRATION**



**+91-9033046863
+91-9429757550**

OUR BRANCHES

**1, Skylon Tower, Nr. Gulbai Tekra BRTS Stop, Opp
Jhanvi Restaurant, University Road, Ahmedabad**

**C1/ 403,404 Celebration City Center, Opp. Chitvan
Bungalow, South Bopal Main Road, South Bopal,
Ahmedabad**