



ROBOTRIX INDIA

PRESENTS

Code Junior Course



robotrixind@gmail.com



+91-9033046863



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:

Once student has completed our 2nd course now they will introduce to new software codeblocks and they will make program in c language after doing basics of c language they will learn serial communication using Arduino & Coding so they can make Bluetooth Operated Home Automation, Car, LEDs etc.

Course Content:



- Introduction to **C language**
- Writing Codes for C language in Code Blocks
- Explanation of printf function
- **Print your Bio-Data**
- Arduino-Analog Interfacing
- Explanation of Accelerometer
- Accelerometer-Values read on Serial Monitor
- **Accelerometer-5 leds on-off**
- **Gesture Control Robot**
- **Computer Operated Robot using Serial Monitor**
- Introduction to Serial Communication
- **Arduino-Serial Interfacing**

LEARN CODE & MAKE

- **Explanation of Bluetooth**
- **Download Arduino Bluetooth Controller app**
- **Bluetooth-13 no.led on-off**
- **Bluetooth-5 leds on-off**
- **Bluetooth Operated Robot**
- **Introduction to Relay- Electromagnetic Switch**
- **Home Automation using Bluetooth & Relay**
- **Introduction to Flag Variable**
- **Flag variable -13 no. led on-off using Bluetooth**
- **Flag variable -5 leds on-off using Bluetooth**
- **Understanding of Smoke Detector**
- **Smoke Detector -13 no. led on-off**
- **Smoke Detector – 5 leds & Buzzer on-off**



Duration: 25 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: 14,999/-

(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?

12 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**