

ARDUINO ROBOTICS KIT

Order Code - STEM-009

End-To-End Platform for students to Kick start child's journey in Robotics. Students can learn Robotics programming through Block Coding and Textual Coding. Also, Interfacing of Sensors and actuators with Arduino controller. This kit is aimed at beginners to advanced level learners and can be used to jump start child' growth and learning towards DIY electronics and robotics system.

LEARNING OUTCOMES

1. Circuit Building & Coding Skills
2. Design Thinking
3. Overview of Robotics & Programmable Devices
4. Decision Making

PRODUCT FEATURES

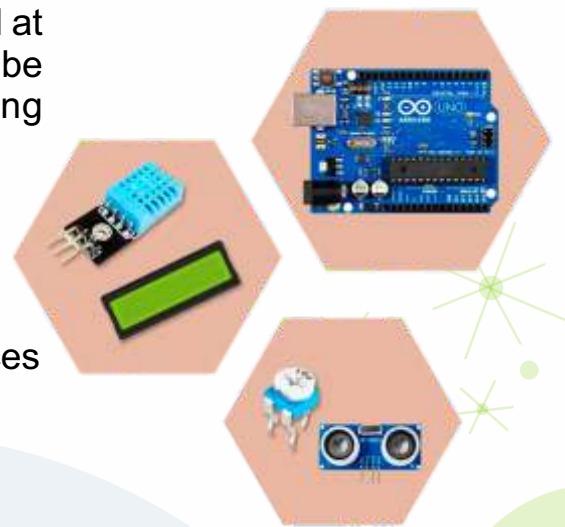
1. Easy to Use Hardware.
2. Simple to Assemble Chassis with Motor and Wheels.
3. Projects Based Learning Modules.
4. Includes Compatible Sensors and Hardwares.

TECHNICAL SPECIFICATION

1. Bluetooth Frequency: 2.4GHz ISM Band
2. ATmega328 Based
3. Protocols Supported: I2C, SPI, UART, PWM
4. USB Programmable

DIA KITS ACTIVITY

1. Black and White Sorter
2. Automatic Street Light
3. Line Follower Car
4. Home Automation



35+

Activity

20+

Projects