

HANDS ON TRAINING FOR YOUNG CODERS

Learn the essential software and hardware skills you need for the digital workplace.



ARDUINO ROBOTICS



ELECTRONIC CIRCUITS

Introduce beginners to electronic circuits and components. Understand basic electronic components, circuit design, and schematic reading.



PROGRAMMING

Learn Variable declaration, data type usage, operators and conditional statements for decision-making.



ARDUINO

Learn the basics of Arduino coding and hardware. Learn Arduino syntax, digital and analog I/O, and basic circuit connections.



ROBOTICS

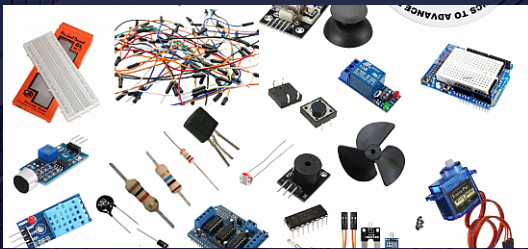
Assemble a robot car and control its movements. Understand robot assembly, motor control, and basic robotics concepts.

JOURNEY OF SELF- DISCOVERY AND SKILL DEVELOPMENT

We offer a unique curriculum that instills new-age skills in children, preparing them for success and the ability to tackle any challenge that comes their way. As they learn with us, their relationship with technology shifts from that of a consumer to that of a creator.

SRIREP

PROGRESSIVE SKILL BUILDING



```
141     ...get_new_tag_id() && Ethernet.local  
142     dupdate = false;  
143     rfid_key = rdm6300.get_tag_id();  
144     Serial.println(rdm6300.get_tag_id(), dec);  
145     Serial.flush();  
146     }  
147     if (rdm6300.get_tag_id()){  
148         pinMode(BUZZ, OUTPUT);  
149         pinMode(LAMP_1, INPUT);  
150     }else {
```



Key Projects

- Traffic Lights
- Motion Detection and Alert system
- Street Light Control
- Digital Ruler
- Multiple LED control
- Logging Arduino Data
- Actuators & DC Motor control
- Motor Speed Regulation
- Robot car assembly & Movements
- Light Following Robot