



RoboSmart Labs

REDEFINING ROBOTICS EDUCATION

10 Hour Course - Option 1

Course code: RSL010B01



ROBOTRONICS (BEGINNER - GOOD FOR 3-5 GRADES)



INTERACTIVE **LIVE**
COURSE SERIES



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ROBOTRONICS

(BEGINNER – GOOD FOR 3-5 GRADES)

Course code: RSL0L10B01

Learning Outcome

What is Robot ?, Classification of Robot, Robots in Real life, Parts of Robots, What is power supply, Voltage , Current , Resistance, What is a Circuit, Types of circuits, Types of power supply and batteries, AC and DC, Safety in Electronics, Led connection, Interfacing a switch, controlling brightness of an LED, Buzzer connection, Learning about motors, Learning about sensors

Projects

Based on control, Based on locomotion, Normal Led connection, Series connection, Parallel connection, Make or break a circuit, Push button switch, Momentary or reset switch, Potentiometer, Led brightness control, Normal buzzer connection, Interfacing buzzer with switch, DC MOTOR for FAN, Two wheeled Robot, LDR based Outdoor lighting system, IR sensor based PIR Burglar Alarm

[CLICK HERE FOR COURSE REGISTRATION](#)

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