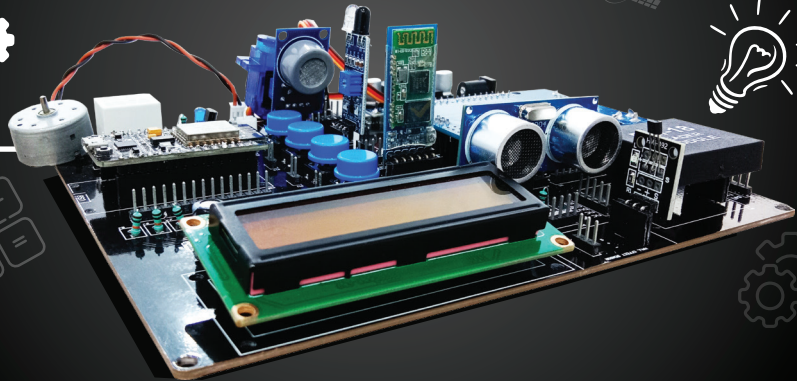


IOT KIT

yantram DIY Kit



MATERIAL

Patented PCB Designed 2 Layers

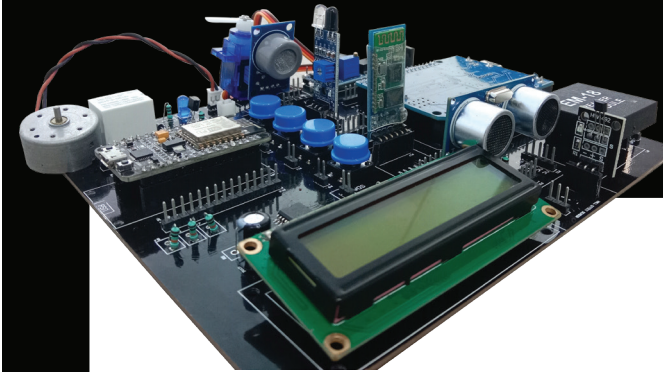
Arduino Enabled + ESP8266

Light weight and Durable design

Ruff and Tuff/ Sturdy Material

Plug and Play/ Easy to use

Sensor based, App based, Bluetooth based



PROJECT AND SUPPORT:

- Multiple Project on 1 kit
- 20+ Projects**
- Video Lessons for all 20 projects
- Curriculum Based on **CBSE** Guidelines
- Lab Manual
- Learning management access (LMS) on our portal

SAFETY

Voltage Protection
Less maintenance
1 year Warranty*



TNC :

No Physical and liquid Damage
No extra voltage applied
No use of External Components other than provided Kit
Placement should be proper according to the given manuals

PROJECTS:

Automatic Smart Door Lock

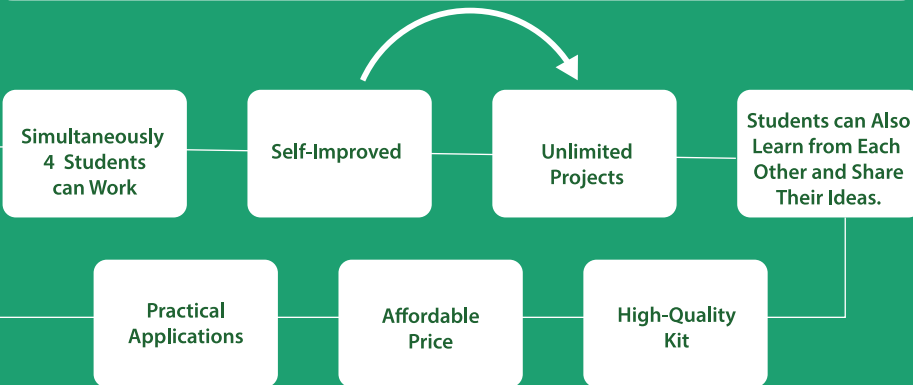
Smoke Detection

Parking assistance

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IOT KIT EXPERIMENT

- LED Control through the button
- LED Control (Mobile App Based)
- LED Control through Bluetooth (Mobile App Based)
- LED Dimming (Mobile App Based)
- DC Motor Control through Bluetooth (Mobile App Based)
- DC Motor Control through Wi-Fi (Mobile App Based)
- Fire Detection through Flame Sensor & Alert on Mobile
- RFID Detection and Alert on Mobile
- Obstacle Detection through IR & Data on Mobile
- Magnet Detection and Alert on Mobile
- Intruder Alert System & Alert on Mobile
- Carbon Mono Oxide Detection through ESP8266 & Alert on Mobile
- LPG Detection through ESP 8266 & Alert on Mobile
- Smoke Detection through ESP 8266 & Alert on Mobile
- Propane Detection through ESP 8266 & Alert on Mobile
- Digital Door Lock (Mobile App Based)
- Relay Control for Home Automation (Mobile App Based)
- Voice Controlled Automation through Mobile
- Temperature & Humidity Detection & Alert on Mobile
- Weather Information (Temp, Humidity & Rain) & Alert on Mobile



Buy Now



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COMPONENTS LIST

S. No.	Component	Unit
1	Battery Holder	1
2	Arduino Uno DIP	1
3	Bluetooth Module HC05	1
4	DC Motor	1
5	DC Motor Driver L298 2A Dual	1
6	DC Motor Propeller	1
7	EM18 Reader Module	1
8	ESP 8266	1
9	ESP Cable Micro	1
10	Gas Sensor MQ7	1
11	Hall Effect Sensor	1
12	IR Sensor	1
13	Jumper Wire Female To Female	20
14	Jumper Wire Male To Female	20
15	LCD 16*2	1
16	LCD Spacer	4
17	LCD Spacer Screw	4
18	PCB	1
19	Power Adaptor 12 V 2A	1
20	RFID Card	1
21	Servo Motor SG90	1
22	Tactile Button Cap	4
23	Ultrasonic Sensor HC-SR04	1
24	Rain PCB	1
25	Magnet	1
26	Temperature and Humidity DHT11 module	1

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