



Shoptech Electronics & Engineering

Uttara Robotics Project Maker

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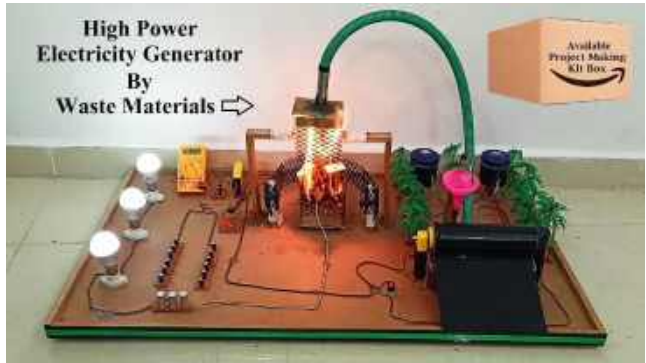
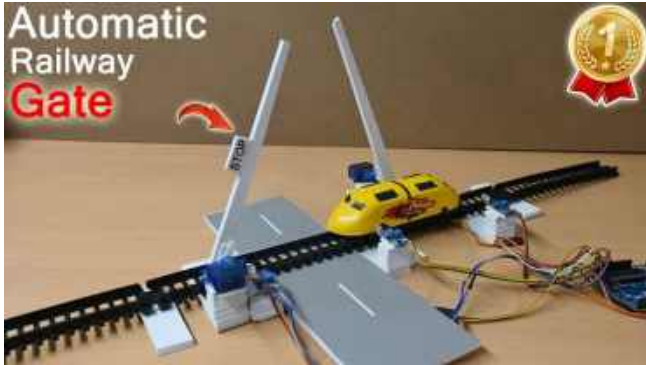
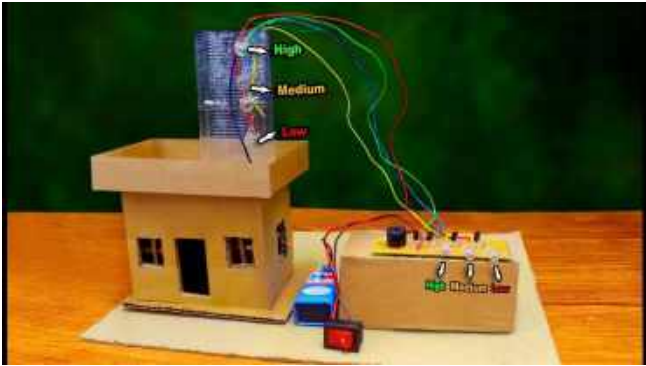
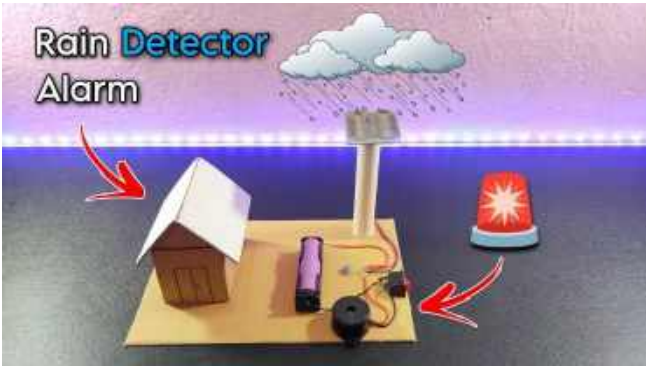
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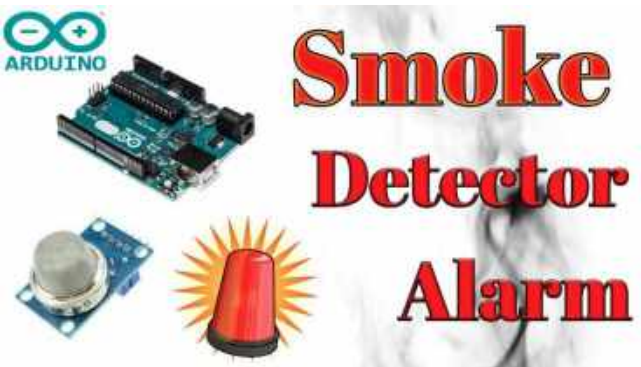
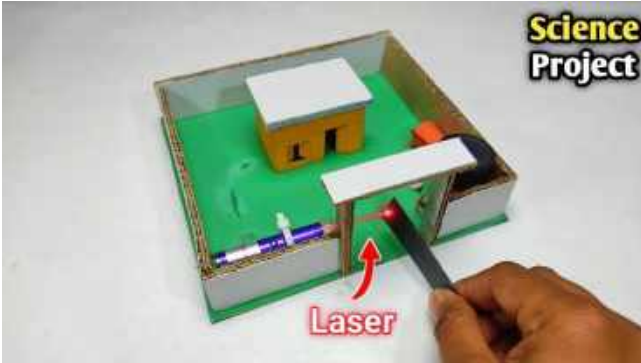
Md. Faruk Hossain Harun

BSc (Computer Science)

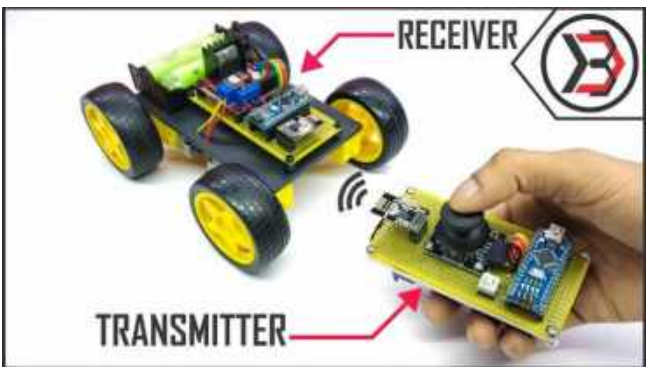
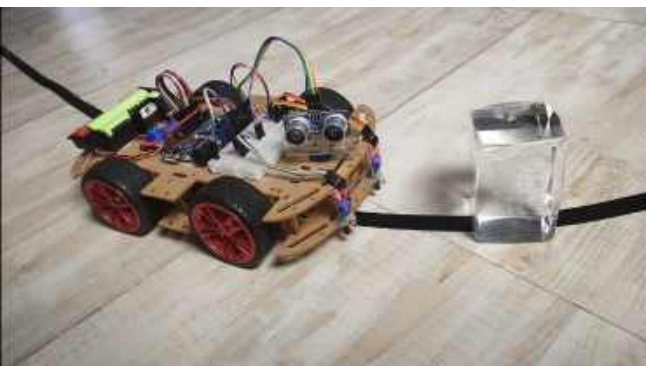
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S/N	Description	Duration	Price	Photo
1	Solar Drip Irrigation Model 1) 5-6V Solar Panel 2) 1 W LED or NeoPixel LED strip 3) Pipe 4) Pump Motor 5) 7.4V Battery 6) Switch 7) Model 8) Diagram Click Here to Order!	2 Days	7k	
2	Audio Transfer using Li-Fi Technology 1) 5-6V Solar Panel 2) 1 W LED or NeoPixel LED strip 3) Aux cable 4) 3.5 mm Jack 5) 9V Battery 6) Pre amplified speaker Click Here to Order! click here to watch now!	2 Days	6.4k	
3	Smart Stick For Blind People 1) Ultrasonic sensor 2) Arduino nano 3) Shoes 4) Sunboard sheet 5) wires 6) Battery 7.4v 7) 5V Buzzer 8) Diagram Click Here to Order! click here to watch now!	2 Days	9k	
4	Smart Shoe For Blind People 1) Ultrasonic sensor 2) Arduino nano 3) Shoes 4) Sunboard sheet 5) wires 6) Battery 7.4v 7) 5V Buzzer 8) Diagram Click Here to Order! click here to watch now!	2Days	9k	
5	Smart Glasses For Blind People 1) Ultrasonic sensor 2) NE-555 ic 3) 10 KΩ Resistor 4) 1 KΩ Resistor 5) 10uf 25v Capacitor 6) 100uf 25v Capacitor 7) 5V Buzzer 8) 3.7V Battery 9) Tactile switch 10) Normal Glass 11) Diagram Click Here to Order! click here to watch now!	2Days	8k	

6	Solar System 1) Plastic balls 2) Bicycle Scopes 3) Cable ties 4) Printed Paper 5) Dc Gear Motor 10 Rpm 6) Switch 7) Electric Wire 8) 12v Battery 9) Plywood 10) Black chart Paper 11) Robot Wheel Click Here to Order! click here to watch now!	2Days	6K	
7	Electricity Generate By Waste Materials 1) Mouse Trap 2) Two Small Solar panel 3) Battery Holder 4) 3.7 volt Two Cell 5) Two 4 volt DC Bulb 6) Switch 7) Electric Wire 8) Two Bulb Holder 9) Electric Wire 10) 5 Meter Wire 11) CIRCUIT DIAGRAM Click Here to Order!	2Days	8K	
8	Automatic Railway Gate 1) Arduino UNO 2) Ultrasonic Sensor 3) Servo Motors (x2) 4) Jumper Wite 5) 9V Battery - 1 Piece 6) Switch 7) Electric Wire 8) Switch 9) Electric Wire 10) 9V Battery Clip - 1 Piece 11) CIRCUIT DIAGRAM Click Here to Order! click here to watch now!	2Days	9K	
9	Automatic Water Level Indicator 1) Transistor BC547 - 4 piece 2) Blue Led - 3 piece 3) Red Led - 1 piece 4) Resistor 220 ohm - 4 Piece 5) Buzzer - 1 Piece 6) Switch 7) 9V Battery - 1 Piece 8) Switch 9) Electric Wire 10) 9V Battery Clip - 1 Piece 11) CIRCUIT DIAGRAM Click Here to Order! click here to watch now!	2Days	4.2K	
10	Automatic Street Light ON OFF 1) RED LED Light 2) LDR 3) 4V 0.3 AH Battery 4) Two Resistors 1k 5) Two Transistors 2222A 6) Switch 7) Straw 8) Switch 9) Electric Wire 10) Cardboard sheet. 11) CIRCUIT DIAGRAM Click Here to Order! click here to watch now!	2Days	5.6K	
11	Automatic Rain Detector Alarm 1) RED LED Light 2) Buzzer 3) 4V 0.3 AH Battery 4) bc547 transistor 5) 9volt Battery M 6) Switch 7) Blade 8) Switch 9) Electric Wire 10) CIRCUIT DIAGRAM Click Here to Order! click here to watch now!	2Days	5.2K	

12	Automatic Smoke Detector Alarm 1) RED LED Light 2) Buzzer 3) 4V 0.3 AH Battery 4) MQ5 Gas Sensor, Methane, Butane, LPG, Smoke Sensor etc. 5) CIRCUIT DIAGRAM Click Here to Order!	2Days	4.8K	
13	Automatic Fire alarm project 1) IR Sensor 2) Card Board 3) Electric Board 4) LED Light 5) Buzzer 6) Acrylic Colors 7) White Glue 8) Switch 9) 9volt Battery 10) Electric Wire 11) CIRCUIT DIAGRAM Click Here to Order! click here to watch now!	2Days	5.6K	
14	Smart Security Alarm Using PIR Motion Sensor 1) BC547 Transistor 2) 1K Resistor 3) PIR Sensor 4) 1N4007 Diode 5) Buzzer 6) Switch 7) 9v Battery with Connector 8) Some Wire 9) Circuit Diagram Click Here to Order! click here to watch now!	2Days	4.8K	
15	Automatic Hand Sanitizer Dispenser 1) Photodiode 2) Ir LED 3) BC-547 Transistor (2) 4) 100 Ω , 15 k Ω Resistor 5) LED 6) Mini Water Pump 7) 3.7v Battery 8) Pipe 9) Plastic Container 10) CIRCUIT DIAGRAM Click Here to Order! click here to watch now!	2Days	3K	
16	Laser Home Security System 1) Leser light 2) LDR 3) BC-547 Transistor 4) 2.2 k Ω Resistor 5) LED 6) Buzzer 7) 3.7v Battery 8) Paper Home model 9) Cardboard Click Here to Order! click here to watch now!	2Days	4.8K	
17	Clap Switch Very Sensitive 1) BC547 - 2 piece 2) Mic from Old Headphones 3) 10K Resistor 4) 100K Resistor 5) 1M Resistor 6) 1 μ F Capacitor 7) CD4017 IC 8) Red LED 9) 9v Battery 10) 9V Battery Connector 11) 5v Relay 12) 1N4007 Diode Click Here to Order! click here to watch now!	2Days	4.2K	

18	Gas Leakage Phone Call Alert 1) Gas Seson 2) NPN Transistor 3) Relay 2x 4) Diode 2x 5) Resistor 2x 6) 18650 Li-on Battery (2x) 7) 18650 Battery Holder 8) Male and Female Jumper wire 9) Model Design 10) DC Power Switch Click Here to Order!	2Days	8K	
19	Music Reactive RGB LED Strip 1) WS2812B Addressable Led Strip 2) Arduino Nano 3) Sound Sensor 4) Male And Female Jumper Click Here to Order! click here to watch now!	2Days	3K	
20	Bluetooth Control Car Using Arduino 1) Arduino Uno 2) Motor Driver Shield 3) Wheels (4x) 4) TT Gear Motor (4x) 5) HC-05 Bluetooth Modul 6) 18650 Li-on Battery (2x) 7) 18650 Battery Holder 8) Male and Female Jumper wire 9) Acrylic Sheet 10) DC Power Switch Click Here to Order! click here to watch now!	2Days	9K	
21	Obstacle Avoiding Car Using Arduino 1) Arduino Uno 2) Motor Driver Shield 3) Wheels (4x) 4) TT Gear Motor (4x) 5) Servo Motor 6) Ultrasonic Sensor 7) 18650 Li-on Battery (2x) 8) 18650 Battery Holder 9) Male and Female Jumper wire 10) Acrylic Sheet 11) DC Power Switch Click Here to Order! click here to watch now!	2Days	7K	
22	Line Following Car 1)Arduino Uno 2) Motor Driver Shield 3) Wheels (4x) 4) TT Gear Motor (4x) 5) Infrared Sensor 6) 18650 Li-on Battery (2x) 7) 18650 Battery Holder 8) Female Jumper wire 9) Acrylic Sheet 10) DC Power Switch 11) DC Switch Click Here to Order! click here to watch now!	2Days	8K	
23	Obstacle Avoidance + Voice Control Car 1)Arduino Uno 2) L293D Motor Driver 3) TT Gear Motor and wheels 4) Rubber Wheels 5) HC05 Bluetooth Module 6) Proximity IR Sensor 7) Ultrasonic Sensor 8) 18650 Battery 9) 18650 Battery Holder 10) Acrylic Sheet 11) DC Switch Click Here to Order! click here to watch now!	2Days	9K	

24	Joystick Control Car 1) Arduino Nano (2x) 2) NRF24L01 Radio Module (2x) 3) L298N Motor Driver 4) Joystick Module 5) TT Gear Motor(4x) 6) Rubber Wheels(4x) 7) Pref Board (2x) 8) 18650 Battery (4x) 9) Battery Holder (4x) 10) 5mm Acrylic Sheet(14x9cm) Click Here to Order! click here to watch now!	2Days	9K	
24	Hand Gesture Car Using Arduino 1)Arduino Uno 2) RF Nano (optional) (2x) 3) NRF24L01+ RF Module (2x) 4) L298N Motor Driver 5) ADXL335 Module 6) TT Gear Motor (4x) 7) Rubber Wheels (4x) 8) Male and Female Header Pin 7) 18650 li-ion battery (2x) 8) 18650 battery holder 9) Screw Terminal 10) Custom PCB 11) 5mm Acrylic Sheet Click Here to Order! click here to watch now!	2Days	9.9K	
25	Human Following Robot With Arduino 1) Arduino Uno 2) Motor Driver Shield 3) Wheels (4x) 4) TT Gear Motor (4x) 5) Servo Motor 6) Ultrasonic Sensor 7) Infrared Sensor (2x) 18650 Li-on Battery (2x) 7) 18650 Battery Holder 8) Male and Female Jumper wire 9) Acrylic Sheet 10)DC Power Switch Click Here to Order! click here to watch now!	2Days	8K	
26	Line Follower with Obstacle Avoiding Robot using Arduino 1) Solderless Breadboard: 2) 4 wheel robot car kit 3) Arduino UNO 4) IR Sensor x 2 5) L298 Motor Driver 6) Mini Servo Motor SG90 7) 4Pcs Smart Robot Car Tyres Wheels 8) Ultrasonic Sensor hc-sr04 9) On/Off Switch: 10) Male and Female Jumper wire 11) 18650 Battery Cell 3.7V x 2 12) etc : Click Here to Order! click here to watch now!	2Days	8K	
27	Edge avoidance robot that never falls off the table 1) Arduino Uno 2) Motor Driver Shield 3) Wheels (4x) 4) TT Gear Motor (4x) 5) Servo Motor 6) Ultrasonic Sensor 2x 7) Infrared Sensor (2x) 18650 Li-on Battery (2x) 7) 18650 Battery Holder 8) Male and Female Jumper wire 9) Acrylic Sheet 10)DC Power Switch Click Here to Order! click here to watch now!	2Days	8K	