

Dept. of CSE, BUBT  
IoT Lab| Apparatus List

1. Raspberry Pi 4, 4GB RAM (Made in UK)
2. Micro HDMI to HDMI cable
3. Raspberry Pi Camera Module V2 - 8 Megapixel,1080p
4. Argon one V2 Metal Fan Case
5. Raspberry Pi USB C Power Adapter with Switch
6. SanDisk Ultra 32GB Ultra MicroSD SDHC Original Preinstalled Raspberry Pi OS
7. Arduino UNO R3
8. 4WD Smart Robot Car Chassis Kit
9. Red, White, and Green LED
10. Buzzer
11. Wire (Male, Female, and Normal)
12. Bread Board (Full)
13. PUSH BUTTON SWITCH (2 Pin)
14. Potentiometer (10k,100k)
15. 7-segment common cathode display
16. LCD DISPLAY 16X2 WITH HEADER
17. Hex Keypad
18. MOTOR SHIELD L293D
19. 5v Relay Module (Double Channel)
20. Resistors (1k,2k,5k,10k,50k,100k,250k)
21. 5V 2000 RPM DC MOTOR
22. Servo Motor
23. MINI DC 4-12V WATER PUMP MOTOR
24. RS-360 ULTRASONIC SENSOR HC- SR04
25. Bluetooth Module (HC-05)
26. ESP8266 ESP-01 WIFI WIRELESS TRANSCEIVER SEND RECEIVE LWIP  
AP+STA M70
27. Temperature and Humidity DHT11
28. IR INFRARED OBSTACLE AVOIDANCE SENSOR
29. SIM800L MINI GPRS GSM MODULE
30. MINI COOLING FAN 40X40X10MM
31. LM 30 Temperature Sensor
32. PIR Sensor
33. Pulse oxymeter sensor
34. RTC Module