Project X 6

# 2 MONTH

# ROBOTICS EXCELLENCE PROGRAM

റോബോട്ടിക്സ് എക്സലൻസ് പ്രോഗ്രാം (2 മാസം)

www.projectxedu.com

#### **COURSE INFO**

MODE: ONLINE

DURATION: 2 MONTHS

COURSE FEE: ₹ 8,500

OFFER FOR PROJECTX INNOVATORS: ₹ 6,500

EXCLUSIVE FOR PROJECTX INNOVATOR

PRACTICAL KIT: 20+ COMPONENTS

PROJECTS: 15 PROJECTS

MODULES: 50 MODULES

EMI 1<sup>ST</sup> MONTH 2<sup>ND</sup> MONTH ₹3000

#### **PROGRAMS**



# Two Month Robotics **Excellence Program**

2 Month Initial Training





15 Projects & 50 Modules

**Practical Kit** 





1 Hour Online Live Classes

Learn At Any Time



# **PROJECTS**

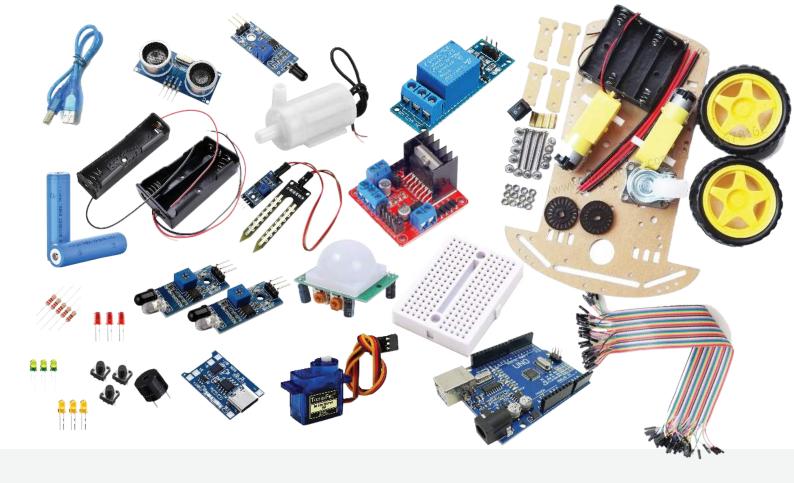
1	BLINKING LED WITH ARDUINO
2	LED ON OFF WITH ARDUINO
3	TRAFFIC LIGHT ARDUINO
4	4 LEVEL RUNNING LED WITH ARDUINO
5	SMART LIGHT WITH PIR SENSOR
6	FIRE SENSOR WITH FLAME SENSOR
7	WATER DISPENSOR WITH PROXIMITY SENSOR
8	AUTO IRRIGATION SYSTEM WITH SOIL MOISTURE SENSOR
9	SONAR DISTANCE METER
10	BLIND STICK USING ULTRASONIC SENSOR
11	AUTOMATIC GATE USING SERVO
12	LINE TRACKER CAR
13	ANTI COLLISION CAR
14	OBSTACLE AVOIDANCE CAR
15	SMART LINE FOLLOWER CAR

## **MODULES**

- 1. CONVERSATION
- 2. INTRODUCTION TO ROBOTICS
- **3. KIT UNBOXING**
- 4. INTRODUCTION TO ARDUINO
- 5. INTRODUCTION TO SENSORS
- 6. ARDUINO IDE INSTALLATION & ENVIROMENT ARRANGEMENT
- 7. CCP FUNCTIONS
- 8. ARDUINO IDE LIBRARY INSTALLATION
- 9. BLINKING LED WITH ARDUINO PROGRAM
- 10. BLINKING LED WITH ARDUINO WORKING
- 11. LED ON OFF WITH ARDUINO PROGRAM
- 12. LED ON OFF WITH ARDUINOWORKING
- 13. TRAFFIC LIGHT ARDUINO PROGRAM
- 14. TRAFFIC LIGHT ARDUINO WORKING
- 15. INTRODUCTION TO PIR SENSOR
- 16. SMART LIGHT WITH PIR SENSOR PROGRAMMING
- 17. SMART LIGHT WITH PIR SENSOR WORKING
- 18. INTRODUCTION TO FLAME SENSOR
- 19. FLAME ALARM PROGRAM
- 20. FLAME ALARM WORKING
- 21. INTRODUCTION TO IR SENSOR
- 22. INTRODUCTION TO DC PUMP
- 23. WATER DISPENSOR WITH PROXIMITY SENSOR PROGRAM
- 24. WATER DISPENSOR WITH PROXIMITY SENSOR WORKING
- 25. INTRODUCTION TO SOIL MOISTURE SENSOR

# **MODULES**

- 26. AUTO IRRIGATION SYSTEM WITH SOIL MOISTURE SENSOR PROGRAM
- 27. AUTO IRRIGATION SYSTEM WITH SOIL MOISTURE SENSOR WORKING
- 28. INTRODUCTION TO ULTRASONIC SENSOR
- 29. INTRODUCTION TO SERIAL MONITOR
- 30. HELLO WORLD LCD
- 31. SONAR DISTANCE METER PROGRAM
- 32. SONAR DISTANCE METER WORKING
- 33. BLIND STICK USING ULTRASONIC SENSOR PROGRAM
- 34. BLIND STICK USING ULTRASONIC SENSOR WORKING
- 35. INTRODUCTION TO SERVO
- 36. AUTOMATIC GATE USING SERVO PROGRAM
- 37. AUTOMATIC GATE USING SERVO WORKING
- **38. CAR KIT ASSEMBLY**
- 39. INTRODUCTION TO MOTOR DRIVER
- **40. MOTOR DRIVER PROGRAMMING**
- 41. INTRODUCTION LI-ION BATTERY AND CHARGING
- 42. LINE TRACKER CAR PROGRAMMING
- 43. LINE TRACKER CAR WORKING
- 44. ANTI COLLISION CAR PROGRAM
- 45. ANTI COLLISION CAR WORKING
- 46. OBSTACLE AVOIDANCE CAR PROGRAMING
- 47. OBSTACLE AVOIDANCE CAR WORKING
- 48. SMART LINE FOLLOWER CAR PROGRAMMING
- 49. SMART LINE FOLLOWER CAR WORKING
- **50. FINAL INOVATOR ON PROJECT**



### **Mode of Payment:**



#### **BUZY 2050 EDUTECH LLP**

A/C NO: 50200081648364

IFSC : HDFC0001594

**BRANCH: HDFC KOTTAKKAL** 

8129772220@okbizaxis

Gpay: **8129772220** 



ProjectX +91 81297 72220



8129772220@okbizaxis