

Project **X**

2 MONTH

ROBOTICS EXCELLENCE PROGRAM

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www.projectxedu.com

INDIA | UAE | SAUDI | QATAR | OMAN

COURSE INFO

MODE:

ONLINE

DURATION:

2 MONTHS

COURSE FEE:

₹ 8,500

OFFER FOR
PROJECTX INNOVATORS:

₹ 6,500

ELIGIBILITY:

EXCLUSIVE FOR
PROJECTX INNOVATOR

PRACTICAL KIT:

20+ COMPONENTS

PROJECTS:

15 PROJECTS

MODULES:

50 MODULES

EMI
AVAILABLE:

1ST MONTH
₹3500

2ND 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

