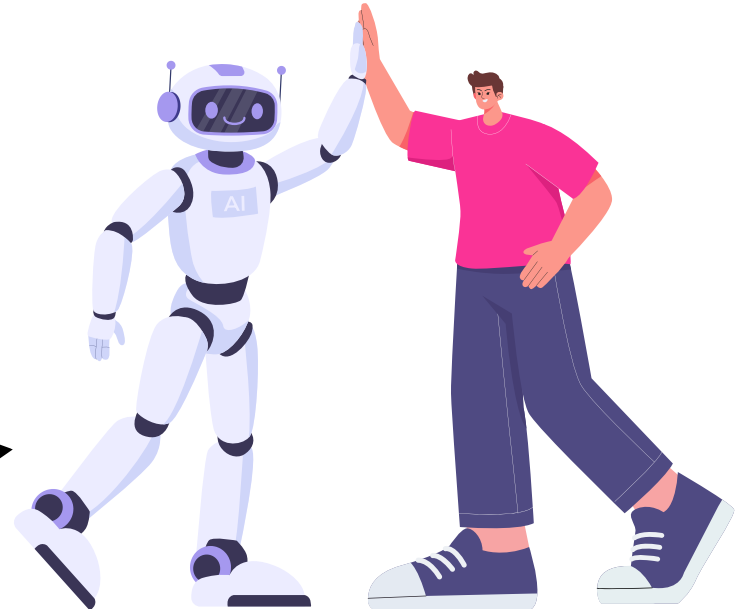
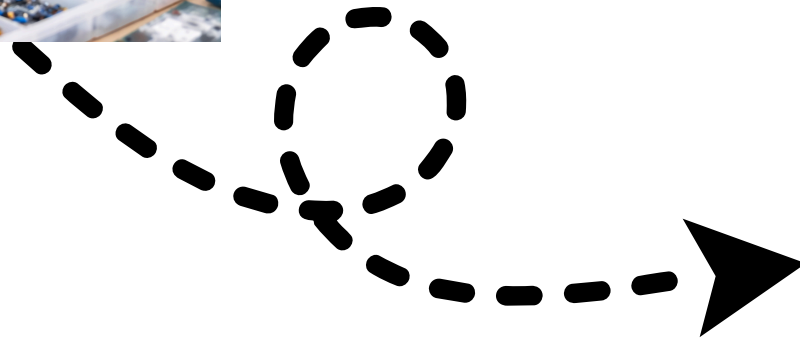


robopandit™

2026

LEARN ROBOTICS, AI AND BUILD STRONG  
**Practical Skills for  
the Digital Era.**





# The Opportunity

Marks may get them a degree... Skills will get them a future.

44% of core  
job skills will  
change by  
2027

-World Economic  
Forum

India will require  
1 million+ AI  
professionals

-As per  
NASSCOM

AI + Robotics =  
The Most  
Powerful Skill  
Combination

-Robopandit

*“ Practical Skills for the Digital Era.”*



# The Problem

Current schooling system face **three major issues:**

01

Too theoretical,  
not practical



02

Low engagement and  
completion rates



03

No clear job pathway  
after course completion





# Our Goal

Learn.Apply.Innovate



100% Engagement, Not  
Passive Learning



100% Skill Development,  
Not Just Knowledge



100% Future Readiness



# The Curriculum

AGE: 10+



AGE: 13+



AGE:16+



AGE: 16+



Agile evaluation after each cohort cycle.



# The Curriculum

Foundation Program (Age 10+, 30 Hours)



A hands-on journey where students explore Robotics, AI, and IoT by building, coding, and creating real-world projects—turning curiosity into practical skills.

Build and program basic robots and smart systems

Understand how AI and IoT work in real life

Develop problem-solving, logic, and creativity skills



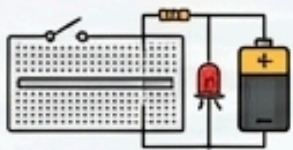
# The Curriculum

Foundation Program (Age 10+, 30 Hours)

## INTRODUCTION TO ELECTRONICS & ROBOTICS (Lessons 0-2)

Lesson 0

### Basic Electronics



Activities: Simple circuit, measure V/I/R (single, series/parallel batteries, current, carbon resistor)

Outcomes: Understand V,I,R fundamentals, connect serial/parallel

Lesson 1

### Intro to Arduino & Tinkercad



Projects: Blinking Multiple LEDs, Assignment 1

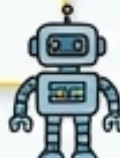
Outcomes: Identify robots, program machine, virtual circuits, begin coding

Lesson 2

### Advanced Arduino & Code, LEDs and Code

Projects: Blink LEDs Randomly, User-Controlled LEDs, Assignment 2

Outcomes: Level up code, chance to tinker



## SENSORS & INTERFACING - PART 1 (Lessons 3-7)

Lesson 3

### Buzzer & Potentiometer



Projects: Make Noise, Volume indicator (LEOs, Buzzer, Potentiometer)

Outcomes: Analog/Digital devices, connecting inputs

Lesson 4

### Ultrasonic Sensor



Projects: Measure distance, Safe distance alarm, Visitor counter

Outcomes: Learn to interface, applications in robotics

Lesson 4

### Ultrasonic Sensor



Projects: Measure distance, Security system

Outcome: Learn to interface, applications in robotics

Lesson 5

### PIR Motion Sensor



Projects: Home automation, Security system

Outcome: Interface, robotics & smart systems

Lesson 6

### Servo Motor



Projects: Specific angle, Auto Parking, Smart Bin

Outcomes: Advanced/Intelligent systems, interface

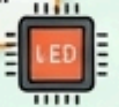
Lesson 7

### Seven Segments & Switch



Projects: Display numbers, Count touch, Switch interface

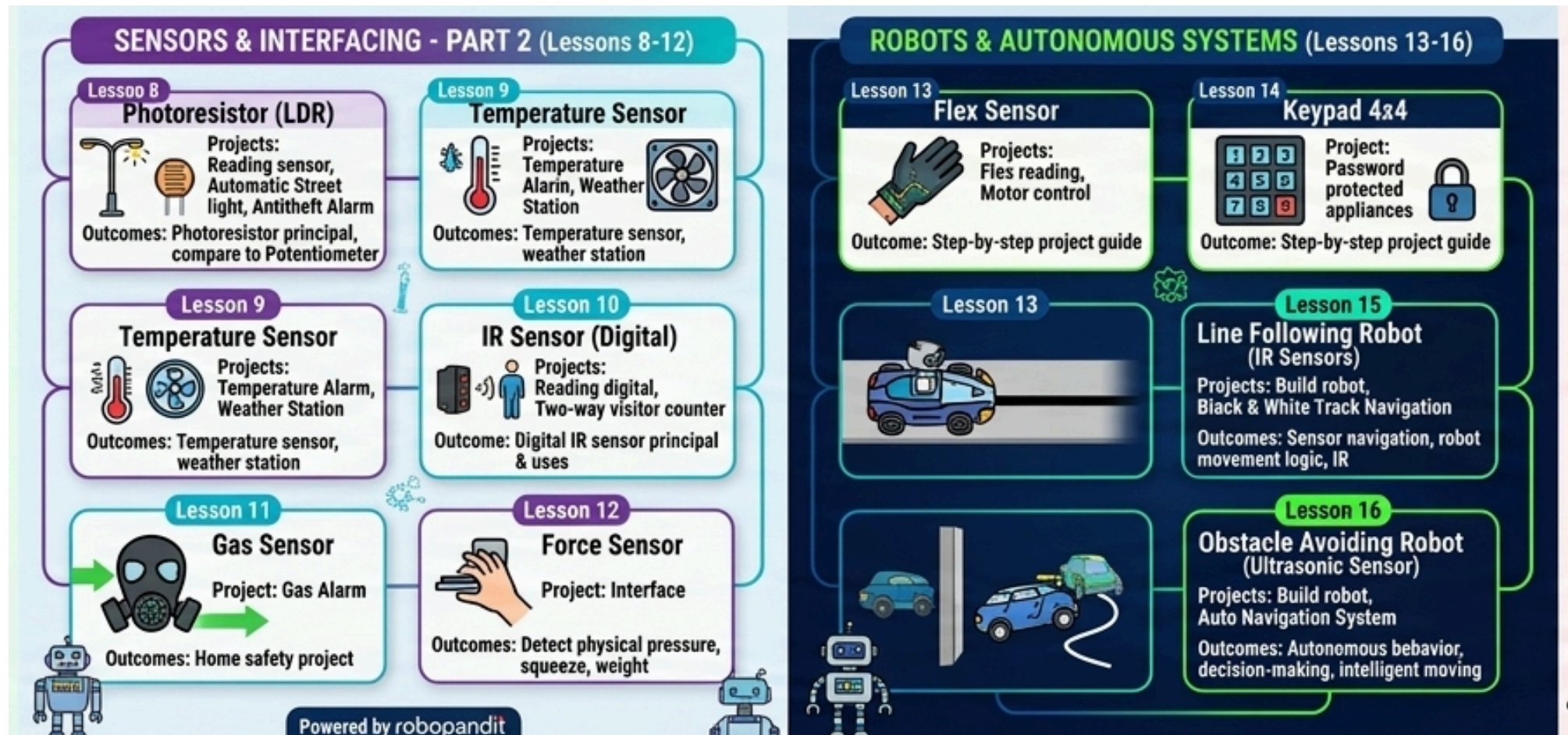
Outcome: Display devices, Switch interface, count switch pressed





# The Curriculum

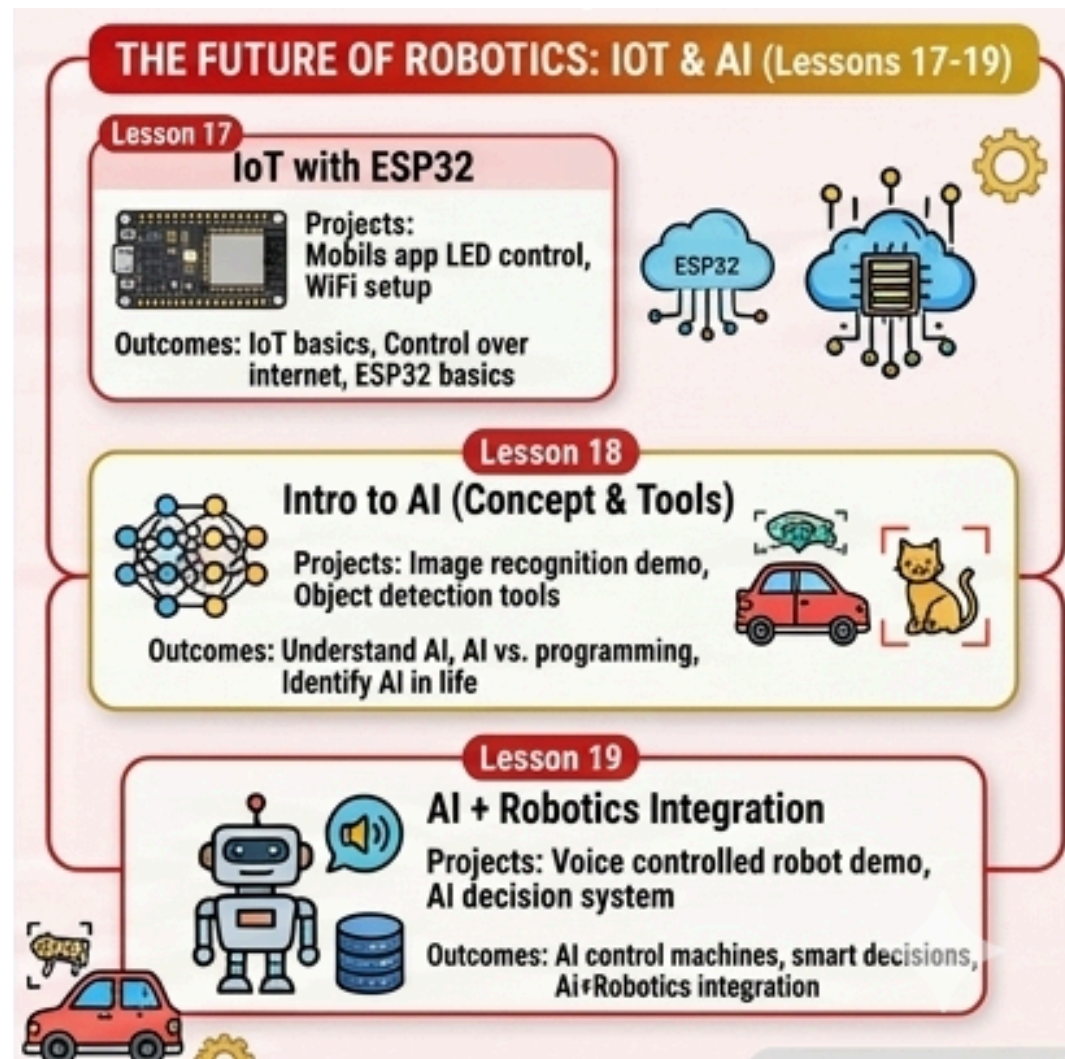
Foundation Program (Age 10+, 30 Hours)





# The Curriculum

Foundation Program (Age 10+, 30 Hours)



# Contact Us

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