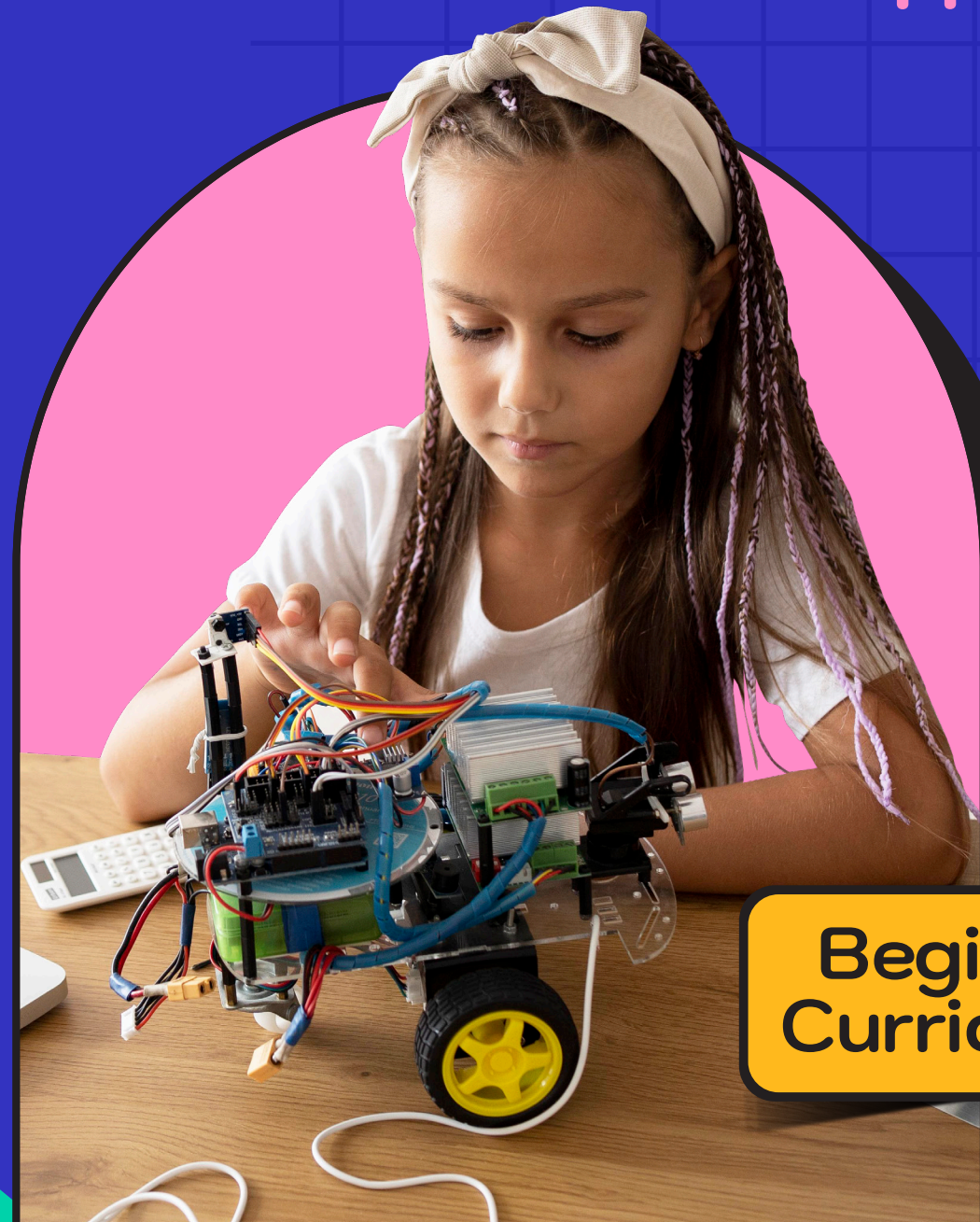


# IGNITE the Passion Robotics in Kids

- A Venture By Former Meta & IIM Bangalore Alumni !
- World Class Maker's Lab
- Unique learning aids
- Child-Focused program
- Engaging & Experiential
- Course Completion Certificate



**Beginner  
Curriculum**

## What Makes Us Unique?

Yabot is a child-focused program with an emphasis on simple concepts leading to exhilarating experiences for the child when they see their creations take shape!

We will marry easy programming skills with our learning aids to deliver a unique experience for your child, thus igniting the passion for robotics within them.

## Benefits Of Yabot



Creativity



Imagination



Critical  
Thinking



Problem  
Solving

## Beginner

### Objective

Solid foundation in designing electronics circuits.

### Schedule

Weekly 45-min duration

### Group Size

Typically 6 students

### Free

Activities & Practices weekly

### Course Duration

4 - 6 months\*

## Curriculum

### Basics of Electronics

1. Components Identification
2. Simple Circuits
3. Series and parallel circuit
4. Types of Switches & Connections
5. Introduction to Bread Board & Connection Points
6. Multimeter Uses & Measurements
7. Real Life Prototypes

## Curriculum

### Scratch Programming

1. Introduction to Scratch
2. Sprite and Code for its movement and speech
3. Background
4. Activities (story)
5. Developing Programming logics
6. Game Development

### Design Thinking & Mechanics

1. Introduction to 2D and 3D shapes
2. 3D - Text, Letters, Numbers & Character Design
3. Projects on Design Thinking
4. Understanding Mechanics using Cardboard Projects (e.g - DIY Robot with movements)

YABOT



 [yabotacademy.com](https://yabotacademy.com)

