

# **SCRATCH 3.0**

## **Level - 1**

**Number of Levels: 10 Age group: 5-10**

**Number of Classes for Each Level: 12**

### **Module 1:**

- What is Programming.

### **Module 2:**

- What is Programming Language.

### **Module 3:**

- Why kids need to learn programming.

### **Module 4:**

- Introduction to scratch .

### **Module 5:**

- Overview of Scratch

### **Module 6:**

- Components of Scratch 3.0.

### **Module 7:**

- Blocks and Commands in Scratch 3.0.

### **Module 8:**

- Sprites and costumes.

## **Module 9:**

- Drawing Shapes with Sprites.

## **Module 10:**

- Stage and Background.

## **Module 11:**

- Sequential Programming with Scratch 3.0.

## **Module 12:**

- Learning Loops.
- Building the Ghost effects.

## **Module 13:**

- Animate Character.

## **Module 14:**

- Animate your Name.

## **Module 15:**

- Wish a friend Happy Birthday.

## **Module 16:**

- Project - Develop a calculator App in Scratch.