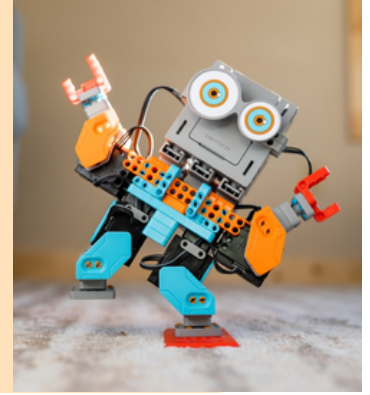# ROBOTIC ADVANCED

OUTLINE OF THE CIRRICULUM

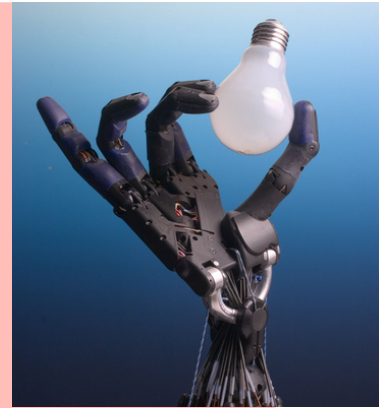**1** **Introduction to ROBOTICS & IoT**

What is robotics?
What is IoT?
Difference between Robotics & IoT?
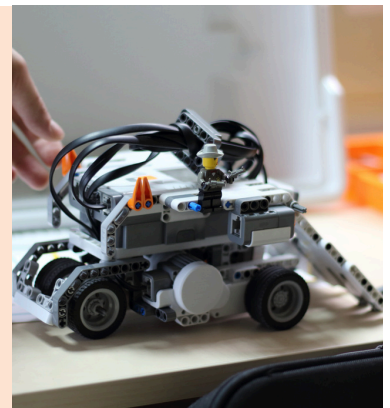
2 **Sensor, Actuators, Microcontrollers**

Discussing about the hardware components.
Introducing different kinds of sensors,
actuators and microcontrollers.

3 **Introduction to Coding**

Installation of platform for coding.
How to code?

4 **Development of Projects**

Introduction to Components.
Programming the components.
Hardware connections .

5 **Projects Demo**

Setting Up the Environment for the projects
and practically working on it.

Abhudhaya..The Step