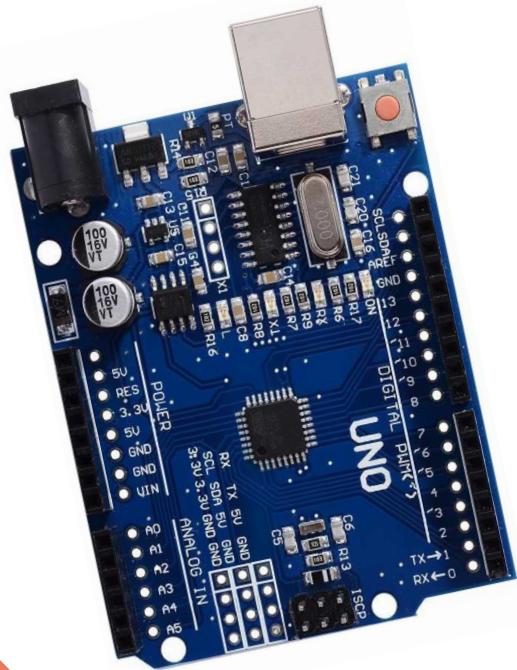
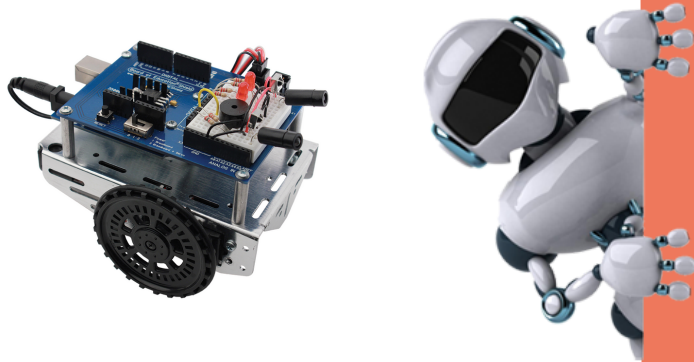


# "Introduction to Robotics-using ARDUINO microcontroller"



## SST Technologies

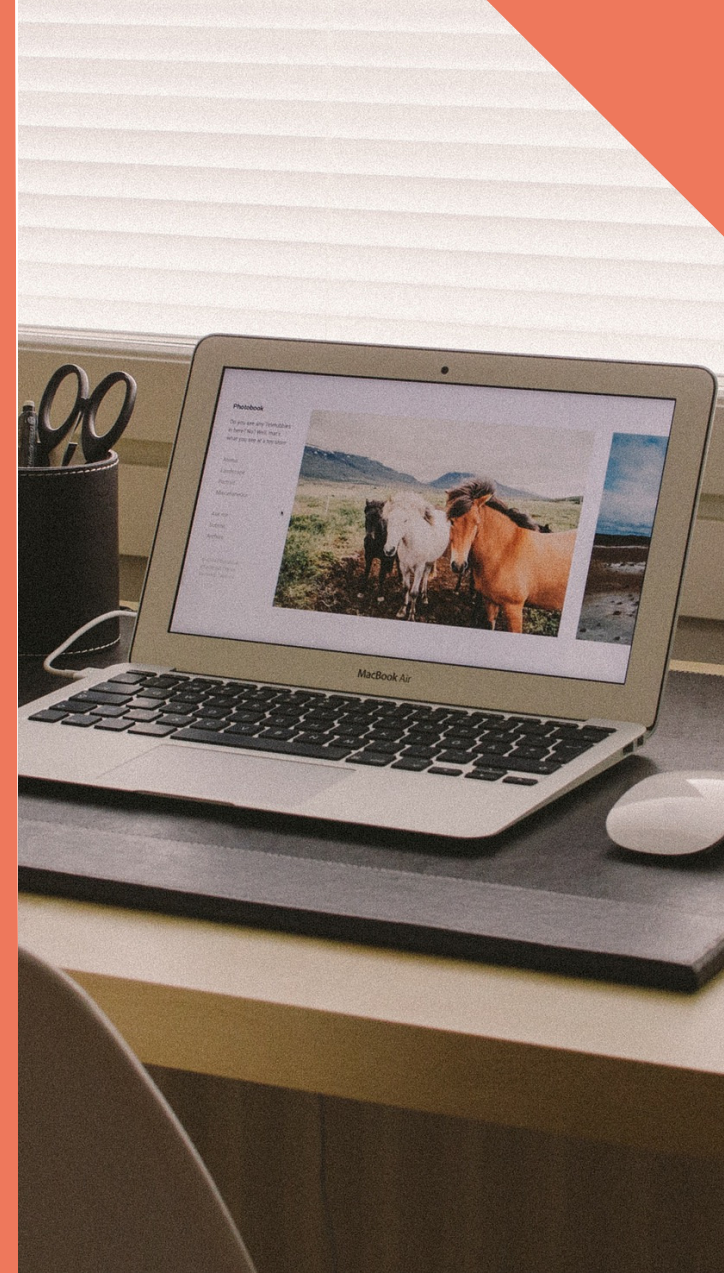
“The technology you use impresses no one, the experience you create with it is everything!!”

INTENDED AUDIENCE

All Sem All Branch.

CONTACT US:

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# Two days Workshop

COMPLETE HANDS-ON  
EXPERIENCE

# About the Workshop

This workshop is conducted for two days and in these two days we will try our best to make each and every student understand the application of Arduino and train them on how to use the sensors and interface it with the arduino.

## Course Objectives

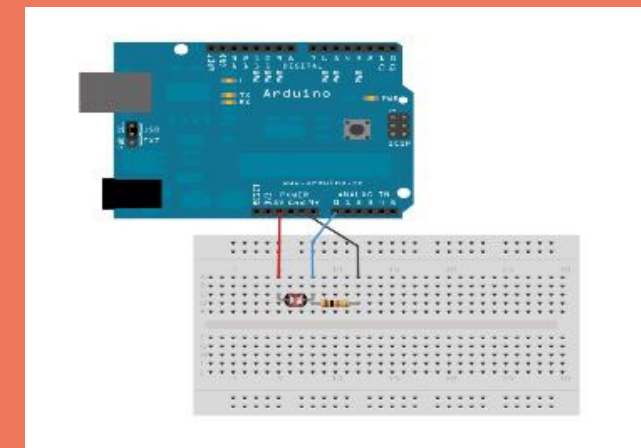
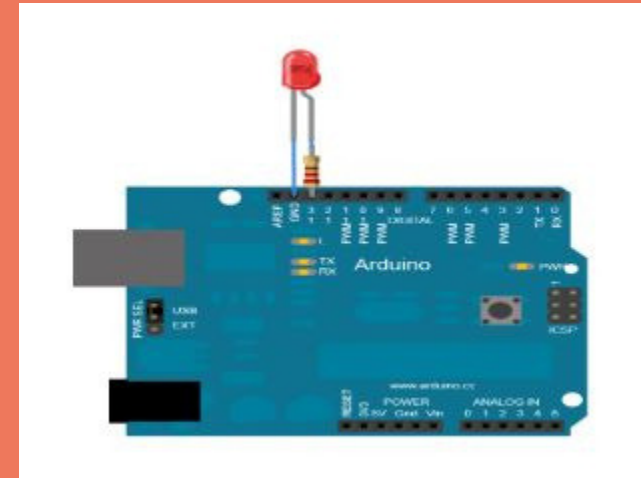
- Introduction to Arduino
- Arduino programming
- Input and output functions
- LED interface
- LDR & Temperature Sensor Interface
- Bluetooth Interface
- Bluetooth Controlled Robot and much more.....

## Essentials

Students are requested to bring at least one laptop per team on every class throughout the duration of the training period.

Application software will be provided and students will be guided on how to install and use the Application.

A team of four students will be given a complete kit that consists of various components at the time of workshop and they have to return it back at the end of the workshop.



# TOPICS COVERED IN THIS WORKSHOP

## Day 1:

Circuit #1 - Blink LED

Circuit #2 - Push Buttons with LED

Circuit #3 - Bluetooth controlled LED

Circuit #4 – Potentiometer Interface

## Day-2:

Circuit #5 - Temperature Sensor

Circuit #6 – Relay Interface

Circuit #7 – LDR interface

Circuit #8 – Bluetooth Controlled Robot

