

Basic Introduction to Arduino

Course Outline

Day 1 (Morning)

Anatomy of Arduino Uno

Setting up of development environment

Simple program debugging method

Day 1 (Afternoon)

Digital I/O – reading input and controlling output; working with 7-segments LED;

Day 2 (Morning)

Temperature sensing

Controlling DC motor

Servo Motor control

Day 2 (Afternoon)

Infrared remote control

Serial Communication