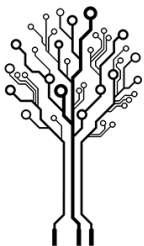
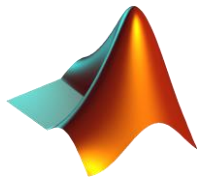


Office Location
DreamTech Labs
Jalandhar

Office Hours
9:30-18:00



Mechatronics

Curriculum {20Days}

Course Materials

Introduction to Mechatronics

- * What/Why Mechatronics?
- * Applications
- * Requirements of Mechatronics

Basics of Embedded System

- * Introduction to Embedded System.
- * Applications of Embedded System.
- * Basic Components of Embedded System.
- * Basic of Embedded C.

Introduction to Arduino

- * AVR microcontroller.
- * Discussion on Arduino Boards.
- * Choosing a Board.
- * Basic Interfacing of Board with External Peripherals.

Basic of Mechatronics

- * Sensors
- * EDC: Electronic Devices & Circuits.
- * Power Electronics.

Wireless Technologies

- * IOT: Internet of Things.
- * Bluetooth Low Energy Chip.
- * Long Range RF.

PCB Designing & Fabrication

- * 3D Designing Using CAD.

MATLAB Simulink

- * Introduction

