

SIES Graduate School of Technology
Department of Electronics and Telecommunications
Presents

One day Hands on Training on “Workshop on Arduino with sensor and display interfacing.”
19th January 2019, Navi Mumbai, 09.00 am to 05.00 pm

Objectives

- Introduction to Microcontroller and difference between Microprocessor and Microcontroller
- Introduction to Arduino Board.
- To know the importance of different peripheral devices and their interfacing to microcontrollers.
- To write C/C++ language programs for Arduino board
- To know the sensor interfacing with Arduino and its programming.
- To know the display interfacing with Arduino and its programming.

Course Contents

- Arduino Board and its programming via Arduino IDE
- Working principle and interfacing of,
- Sensors (LDR, Ultrasonic, Gas Sensor, Accelerometer)
- Three display devices (Seven Segment, 16X2 LCD, LED)
- Project Designing using Arduino Board, Sensor and Display Devices

Who Should Attend

- Any student from SE (EXTC/CE/IT/MECH/COMP)

Registration Fees

Free

Contact for Registration

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