

REPORT ON ARDUINO WORKSHOP

Date: 02/08/2014

Objective of the workshop:

The objective of this workshop is to provide an opportunity for students to get aware of ARDUINO thereby developing a stepping stone towards the development of an Embedded System.

Venue: Audio Visual room and Digital and Microprocessor Lab of Electronics Department, SCET

Coordinated by: Prof. Nehal Shah, Prof. Pritesh Saxena, Prof. Bhargav Shah

In Association with: M/S Excel Kits

Number of Participants: 40

Summary Report

First session was started at 9:30AM by an Introduction to ARDUINO by expert Mr. Jitendra Patel from M/S Excel Kits and Prof. Nehal Shah, Associate Professor, E&C Department. By this session students had indepth knowledge of ARDUINO and hence were able to technically know how of working with ARDUINO and its application in various domain of present technological era.

After lunch second session comprising of various laboratory hands on using ARDUINO was conducted by Mr. Jitendra Patel, Prof. Pritesh Saxena, Assistant Professor, E&C Department and Prof. Bhargav Shah, Assistant Professor, E&C Department. The laboratory sessions included working with Various peripherals including LED, Switches, Serial Port, Light Dependent resistance, Intensity variation using PWM, Relay Control using TSOP Sensors and many more.

The Third session was initiated with a competition among the participants team whereby they used their entire day gained knowledge to do an assigned task in stipulated time where the team completing the given task with minimum time was declared as winner

Certificates were distributed at 4:00PM. The response of the participants was tremendous and their enthusiasm last till last session.

