

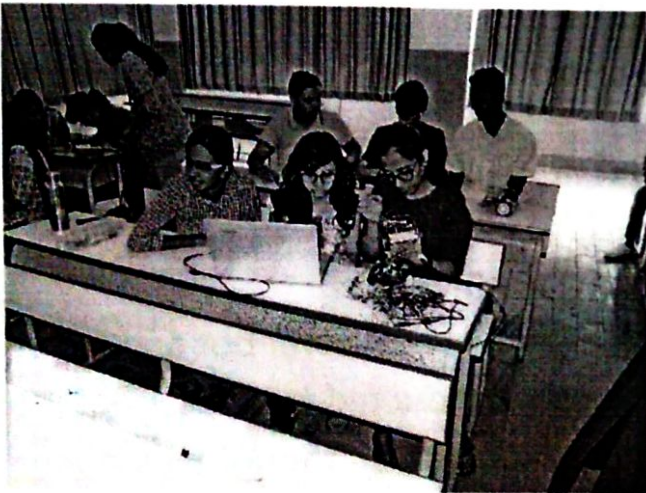
K.S. Institute of Technology

Department of Telecommunication Engineering

Workshop Report

Event name: INTROARDUINO-2020

Date: 28th and 29th February 2020



OBJECTIVE

The Department of Telecommunication Engineering and the IETE committee had conducted the workshop on 28th and 29th February based on Arduino and sensors. The main objective of the workshop was to learn the basic theory of Arduino boards and sensors and how to use it practically.

WORKSHOP DETAILS

The workshop was conducted by Mr. Bharath and Mr. Rahul who were the students of KSIT, Telecommunication Department. **'INVERSA TECHNOSOFT'** is their own startup through which they conduct workshops in various colleges and help students to gain practical knowledge. The first day of the workshop they thought us the basics of Arduino board and coding used in it. We conducted several experiments using it which was very helpful. We were also introduced to Atmel 328p microcontroller which is of 8 bit RISC architecture.



On the same day we built an obstacle follower and line follower bot and learnt its working. The next day the competition was conducted based on the bot we built on the previous day. After the competition they thought us about different sensors like ultrasound sensor, light sensor, temperature sensors and servo motors.



OUTCOMES

1. We learnt all the basic concepts of Arduino and sensors.
2. We learnt the coding used for Arduino boards.
3. All the sensors, motor drivers and servo motors were explained in detail.

The workshop conducted was useful and successful.



Thankyou