

Arduino Workshop Report

Organized on 29/06/2019

By Electronics and Communication Department,

Government Polytechnic for girls, Ahmedabad

- Arduino workshop has been organized to sensitize students of the Electronics and communication department in the area of innovative and productive solution for the real life problems. Different modules of the arduino are available in the market but basic three modules were covered in the workshop Arduino UNO, Arduino NANO, Node MCU (programmable through arduino IDE for IOT).
- Hands on training were done to give brief knowledge about the working environment with the arduino and use of arduino for solving Real life problems.
- Arduino IDE programming session was taken after the hands on training of arduino for applying the algorithmic and data processing to the actual hardware for specific application.
- Basics of Arduino IDE programming like LED blink program, Serial Communication, LCD interfacing, Reading Analog and Digital Sensor data was done for the sample arduino.
- Interfacing with different types of sensors like LM35, MPU6050, ACS712 and LCD interfacing was also covered in the session.

