

Date: 17.02.2023

Report on "Basic of Arduino Programming"

Name of the Program:	Basic of Arduino Programming	Program Dates & Timings:	17.02.23 10 am – 4 pm	
Name & Details of the Resource Person:	Dr. Gnane Swarnadh Satapathi	Mr. Suhandas	Mr. Manjukiran	
Organized by (Clubs/ Dept.)	ECE	In Association with (clubs)	IEEE/IEI/ISTE	
Number of Participants	72	Students	72	Faculty 0
Program Outcome (PO) Mapping	PO1, PO 2, PO 3, PO 5, PO 9, PO 12			
Coordinators	Mr. Manjukiran			

About the Program:

The Aim of the event was to teach the Basics of Arduino Programming for the first- and Second-year Engineering Students.

In the first session of the workshop, the basics of Microcontroller, Different Types of Arduino available and different application of it was explained. Workshop Mainly Focused on usage of Arduino UNO. Students were able to identify different pins in the Arduino UNO and usage of each Pins.

Second and Third Sessions were focused on hands-on Sessions. Initially Participants were asked to write a program to blink a LED, followed by series of LED. In the third Session Interfacing of Different was taught and students were able to Interface Temperature, Moisture, Gas, Rain Detector etc Successfully.

Objectives: The program Basics of Arduino Programming enable students/ faculty to

- To Know the working of Arduino
- To Interface Different Sensors to Arduino

Outcomes: On successful completion of program of this lecture/ technical talk/workshop the student should able to:

1. Explain working of Arduino
2. Interface Different Sensors to Arduino

Articulation Matrix:

Course Outcomes	Program Outcomes											
	1	2	3	4	5	6	7	8	9	10	11	12
1	3	3	3		3				3			2
2	3	3	3		3				3			2
Average	3	3	3		3				3			2

Photos:



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