



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)  
Dundigal, Hyderabad - 500 043

## ELECTRONICS AND COMMUNICATION ENGINEERING ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	Ms. P Ganga Bhavani	Department:	ECE
Regulation:	IARE-R16	Branch:	2017-2021
Course Name:	Embedded systems Laboratory	Course Code:	AEC111
Semester:	VII	Target Value:	60% (1.8)

### Attainment of Cos:

Course Outcome		Overall Attainment	Observations
CO1	Demonstrate the tool chain for Keil IDE (Embedded Systems Development Tool Chain) using LED Blinking Program.	2.3	Attainment target reached
CO2	Build the program to interface LED, LCD, Switch and seven segment display with 8051 to display the data.	2.3	Attainment target reached
CO3	Analyze the program to transfer data from microcontroller to PC by using serial communication.	2.3	Attainment target reached
CO4	Examine the program to interface sensor and motor with 8051 microcontrollers to measure the temperature and motor directions.	2.3	Attainment target reached
CO5	Analyze the interfacing connections of analog to digital converter (ADC) and digital to analog converter (DAC) with 8051 microcontrollers.	2.3	Attainment target reached
CO6	Build the program to interface relay and interrupt with 8051 for industrial and control room's applications.	2.3	Attainment target reached

*Gangabhavani*  
Course Coordinator

*Ashtam*  
Mentor

*[Signature]*  
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