



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. G Mary Swarna Latha	Department:	M.Tech- EMBEDDED SYSTEMS
Regulation:	R18	Branch:	2020-2022
Course Name:	Embedded Systems Laboratory	Course Code:	BESB19
Semester:	II	Target Value:	60% (1.8)

Attainment of COs:


Course Outcome		Overall Attainment	Observations
CO1	Make use of emulators and cross-compilers for writing, compiling and running an embedded C language programs on ARM and PSoC training boards.	1.6	Attainment target is not yet reached
CO2	Develop Embedded C language programs for accomplishing code to reading the data from ports, blinking the LED and interfacing of switch and buzzer , temperature sensors and other display units to the ARM processors.	1.6	Attainment target is not yet reached
CO3	Select suitable RTOS of ARM and PSoC and write Embedded C language program to run 2 to 3 tasks simultaneously.	1.6	Attainment target is not yet reached
CO4	Identify different filters and timers in PSoC for transmitting the data between PSoC and peripherals.	1.6	Attainment target is not yet reached
CO5	Utilize Analog to Digital and Digital to Analog converters with PSoC for data conversion.	1.6	Attainment target is not yet reached
CO6	Build an interface between PSoC and peripherals to provide solutions to the real world problems.	1.6	Attainment target is not yet reached

Action Taken Report: (To be filled by the concerned faculty / course coordinator)

CO1: More lab-based projects are encouraged on embedded C language programs on ARM and PSoC training boards
CO2: The guest Lectures and the invited talks were conducted for the students on buzzer , temperature sensors and other display units to the ARM processors.
CO3: The remedial labs are arranged on RTOS of ARM and PSoC
CO4: More lab-based projects are encouraged along with the regular practical sessions on filters and timers in PSoC
CO5: The lab training programs are conducted on Analog to Digital and Digital to Analog converters with PSoC
CO6: The lab training programs are conducted on PSoC and peripherals to provide solutions to the real world problems for the students.


Course Coordinator


Mentor


Dr. P. Ashok Babu, M.ED. Ph.D
Professor & Head
Electronics & Communication Engineering
Institute of Aeronautical Engineering
Dundigal, Hyderabad- 500 043. T.S.