

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

Name of the faculty:	<b>Ms. P ANNAPURNA</b>	Department:	<b>Electronics and Communication Engineering</b>
Regulation:	<b>IARE - R20</b>	Batch:	<b>2020-2024</b>
Course Name:	<b>Embedded System Design Laboratory</b>	Course Code:	<b>AECC53</b>
Semester:	<b>VII</b>	Target Value:	<b>60% (1.8)</b>

**Attainment of COs:**

	<b>Course Outcome</b>	<b>Direct Attainment</b>	<b>Indirect Attainment</b>	<b>Overall Attainment</b>	<b>Observation</b>
CO1	Make use of emulators and cross-compilers for writing, compiling and running an embedded C language programs on ARM and PSoC training boards.	3.00	0.00	3	Attained
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.	3.00	0.00	3	Attained
CO3	Select suitable RTOS of ARM and PSoC and write Embedded C language program to run 2 to 3 tasks simultaneously.	3.00	0.00	3	Attained
CO4	Identify different filters and timers in PSoC for transmitting the data between PSoC and peripherals.	3.00	0.00	3	Attained
CO5	Utilize Analog to Digital and Digital to Analog converters with PSoC for data conversion.	3.00	0.00	3	Attained
CO6	Build an interface between PSoC and peripherals to provide solutions to the real world problems.	3.00	0.00	3	Attained

**Action Taken Report: (To be filled by the concerned faculty / course coordinator)**  
Course Coordinator  
Mentor  
Head of the Department

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