INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Mr. VOODARA DEVENDER**	Department:	**Electronics and Communication Engineering**
Regulation:	**IARE - UG20**	Batch:	**2021-2025**
Course Name:	**Embedded System Design Laboratory**	Course Code:	**AECC53**
Semester:	**VII**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
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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Professor & Head
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