



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal, Hyderabad - 500 043

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

Name of the Faculty:	Dr. S China Venkateswarlu	Department:	M.Tech- EMBEDDED SYSTEMS
Regulation:	R18	Branch:	2020-2022
Course Name:	Microcontrollers for Embedded System Design	Course Code:	BESB16
Semester:	II	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Summarize the concepts of Embedded Systems for system design with examples.	3	1.7	2.7	Attainment target reached
CO2	Compare the architecture and operation of RISC and ARM for designing embedded system	2.7	2.1	2.6	Attainment target reached
CO3	Demonstrate 8051 microcontroller functionality using registers ,memory and Hardware/Software interfacing	3	1.6	2.7	Attainment target reached
CO4	Construct programmable system on chip architecture using configurable analog and digital blocks	1.6	1.7	1.6	Attainment target is not yet reached
CO5	Analyze interrupt latency, context switching time for development of device drivers	3	1.9	2.8	Attainment target reached
CO6	Determine network protocols such as serial, ethernet, SDMA, IDMA for high-performance network communication	3	1.5	2.7	Attainment target reached

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

CO4: Conducting Guest lectures on embedded RISC processor concepts.

China Venkateswarlu
Course Coordinator

Ashok Babu
Mentor

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