



# 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	Batch:	2018-2020
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	1.4	2.7	Attainment target reached
CO2	Compare the architecture and operation of RISC and ARM for designing embedded system	3	2.0	2.8	Attainment target reached
CO3	Demonstrate 8051 microcontroller functionality using registers ,memory and Hardware/Software interfacing	2.3	1.4	2.1	Attainment target reached
CO4	Construct programmable system on chip architecture using configurable analog and digital blocks	3	1.4	2.7	Attainment target reached
CO5	Analyze interrupt latency, context switching time for development of device drivers	3	2.0	2.8	Attainment target reached
CO6	Determine network protocols such as serial, ethernet, SDMA,IDMA for high-performance network communication	0.9	1.6	1	Attainment target is not yet reached

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

CO 6: Additional inputs are provided on network protocols such as serial, ethernet, SDMA,IDMA.

  
Course Coordinator

  
Mentor

  
HOD  
Dr. P. ASHOK BABU, M.E. Ph.D  
Professor & Head  
ELECTRONICS AND COMMUNICATION ENGINEERING  
INSTITUTE OF AERONAUTICAL ENGINEERING  
Dundigal, Hyderabad - 500 043