



INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. G SUCHARITHA	Department:	Computer Science and Engineering (Data Science)
Regulation:	IARE - R20	Batch:	2021-2025
Course Name:	Computer Organization and Architecture	Course Code:	ACSC07
Semester:	III	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Illustrate interaction of components in a computer system with functional units and levels of programming languages.	1.30	2.30	1.5	Not Attained
CO2	Demonstrate the implementation of micro-operations with the help of register transfer language and electronic circuits.	1.30	2.20	1.5	Not Attained
CO3	Identify appropriate addressing modes for specifying the location of an operand.	1.60	2.30	1.7	Not Attained
CO4	Make use of number system for data representation and binary arithmetic in digital computers.	0.90	2.20	1.2	Not Attained
CO5	Interpret the design of hardwired and micro-programmed control unit for execution of micro programs.	2.30	2.30	2.3	Attained
CO6	Summarize the concepts of pipelining and inter process communication for advanced processor design.	1.60	2.20	1.7	Not Attained

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

CO1: Focus on computer functional units and Assembly language programs through assignments.

CO2: More concentration required on register transfer logic, boolean algebra implementation, and logic on micro operations implementation.


CO3: Focus on various Addressing modes with respect to the computer organization through assignments and case studies.

CO4: Problem based assignments need to be given on number system, booth's algorithm for multiplication, division.

CO6: Through guest lecture the concepts make clear to the students on pipelining and its advantages over non-pipeline organization.


Course Coordinator


Mentor


Head of the Department

Head of the Department
Data Science
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