



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

**INFORMATION TECHNOLOGY**

## ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	<b>Mr. A Praveen</b>	Department:	<b>IT</b>
Regulation:	<b>IARE - R16</b>	Batch:	<b>2017 - 2021</b>
Course Name:	<b>COMPUTER ORGANIZATION AND ARCHITECTURE</b>	Course Code:	<b>ACS004</b>
Semester:	<b>III</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	Illustrate interaction of components in a computer system with functional units and levels of programming languages.	0.9	2.5	1.2	Attainment target is not yet reached.
CO2	Demonstrate the implementation of micro-operations with the help of register transfer language and electronic circuits.	0.9	2.5	1.2	Attainment target is not yet reached.
CO3	Identify appropriate addressing modes for specifying the location of an operand.	0.6	2.5	1	Attainment target is not yet reached.
CO4	Make use of number system for data representation and binary arithmetic in digital computers.	0.9	2.5	1.2	Attainment target is not yet reached.
CO5	Interpret the design of hardwired and micro-programmed control unit for execution of micro programs.	0.9	2.4	1.2	Attainment target is not yet reached.
CO6	Summarize the concepts of pipelining and inter process communication for advanced processor design.	0.9	2.5	1.2	Attainment target is not yet reached.

**Action taken report:** (To be filled by the concerned faculty / course coordinator) For

example:

- CO 1: Need to provide more problems and assignments on Control Unit Working, and also additional digital resources which enables the students to gain more problem-solving skills.
- CO 2: Need to provide more examples and assignments on addressing modes, and also additional digital resources which enables the students to gain more problem-solving skills on modes.
- CO 3: Need to provide more examples and assignments on Hard Wired Control Unit, and also additional Tutorial classes which enables the students to gain more problem-solving skills on Storage units.
- CO 4: Need to provide more assignments on memory hierarchy and compare the different methods for computer input and output by conducting remedial classes which enables the students to gain more knowledge on functions and structures.
- CO 5: Need to provide more examples and assignments number system for data representation and binary arithmetic in digital computers. to gain more problem-solving skills on pointers.
- CO 6: Need to provide more examples and assignments on pipelining and inter process communication for advanced processor design.



**Course Coordinator**



**Mentor**



**HOD**