INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	Dr. U SIVAJI	Department:	CSIT
Regulation:	UG20	Batch:	2020-2024
Course Name:	Data Structures	Course Code:	ACSC08
Semester:	III	Target Value:	60% (1.8 on 3 scale)

Attainment of Cos:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Interpret the complexity of algorithm using the asymptotic notations.	0.9	2.2	1.2	Target not Attained
CO2	Select appropriate searching and sorting technique for a given problem.	1.6	2.3	1.7	Target not Attained
CO3	Construct programs on performing operations on linear and nonlinear data structures for organization of a data.	3	2.2	2.8	Target Attained
CO4	Make use of linear data structures and nonlinear data structures for solving real time applications..	1.6	2.2	1.7	Target not Attained
CO5	Describe hashing techniques and collision resolution methods accessing data with respect to performance.	3	2.3	2.9	Target Attained
CO6	Compare various types of data structures in terms of implementation, operations and performance.	2.3	2.2	2.3	Target Attained

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

In this Course CO1, CO2 and CO4 requires additional attention and it is improved by

CO 1: Solving more problems and assignments on asymptotic notations, time and space complexity and also additional digital resources which enable the students to understand the concepts.

CO 2: Providing additional inputs on the topics like linked list, ,recursive functions with example programs.

CO4: Giving more assignments and conducting tutorial classes on sorting techniques , linear and nonlinear recursion algorithms, types of binary tress with examples.

Course Coordinator   **Mentor**   **HOD**