INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	**Dr. K Srinivasa Reddy**	Department:	**IT**
Regulation:	**IARE - R16**	Batch:	**2017 - 2021**
Course Name:	**DATA STRUCTURES**	Course Code:	**ACS002**
Semester:	**II**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Interpret the complexity of algorithm using the asymptotic notations.	0.9	2.6	1.2	Attainment target is not yetreached.
CO2	Select appropriate searching and sorting technique for a given problem	2.3	2.5	2.3	Attainment target reached
CO3	Construct programs on performing operations on linear and nonlinear data structures for organization of a data	0.9	2.6	1.2	Attainment target is not yet reached
CO4	Make use of linear data structures and nonlinear data structures for solving real time applications.	1.6	2.6	1.8	Attainment target reached
CO5	Describe hashing techniques and collision resolution methods for efficiently accessing data with respect to performance.	1.6	2.6	1.8	Attainment target reached
CO6	Compare various types of data structures in terms of implementation, operations and performance	1.6	2.5	1.8	Attainment target reached

Action taken report: (To be filled by the concerned faculty / course coordinator)
CO 1: More Problems has to do to analyze the time complexities for recursive and non-recursive algorithms.
CO 3: More classes has to take for TREES AND GRAPHS

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