



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

## INFORMATION TECHNOLOGY

### ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	<b>Ms. B. Rekha</b>	Department:	<b>IT</b>
Regulation:	<b>IARE - R16</b>	Batch:	<b>2016 - 2020</b>
Course Name:	<b>DATA STRUCTURES</b>	Course Code:	<b>ACS002</b>
Semester:	<b>II</b>	Target Value:	<b>60% (1.8)</b>

#### Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Interpret the complexity of algorithm using the asymptotic notations.	0.9	2.5	1.2	Attainment target is not yetreached.
CO2	Select appropriate searching and sorting technique for a given problem	1.3	2.6	1.6	Attainment target is not yet reached.
CO3	Construct programs on performing operations on linear and nonlinear data structures for organization of a data	1.6	2.5	1.8	Attainment target 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.	3	2.6	2.9	Attainment target reached
CO6	Compare various types of data structures in terms of implementation, operations and performance	0.9	2.6	1.2	Attainment target is not yetreached

#### 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 2: More classes has to take for quick sort and merge sort, strassen's matrix multiplication

CO 6: More classes has to take for operations of stack, queue, linked list etc...

Course Coordinator

Mentor

HOD

