INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad -500 043

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ATTAINMENT OF COURSE OUTCOMES (COS) – ACTION PLAN

Name of the Faculty	**Ms. B. Padmaja**	Department	**CSE**
Regulations	**R16**	Batch	**2016 -2020**
Course Name	**Data Structures**	Course Code:	**ACS002**
Semester	**II**	Target Value	**70% (2.1 on 3 Scale)**

Attainment of COs:

Course Outcomes		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Interpret the complexity of algorithm using the asymptotic notations.	1.6	2.4	1.8	Target not attained
CO2	Select appropriate searching and sorting technique for a given problem	1.6	2.4	1.8	Target not attained
CO3	Construct programs on performing operations on linear and nonlinear data structures for organization of a data	0.9	2.4	1.2	Target not attained
CO4	Make use of linear data structures and nonlinear data structures for solving real time applications.	0.6	2.4	1	Target not attained
CO5	Describe hashing techniques and collision resolution methods for efficiently accessing data with respect to performance	2.3	2.4	2.3	Target attained
CO6	Compare various types of data structures in terms of implementation, operations and performance	0.9	2.4	1.2	Target not attained

Action taken report:

CO1, CO6: Make students to solve case studies on data structures as group exercise to enhance design and analyses of algorithm and appropriate selection of data structure.

CO2, CO6: Guest lectures on importance of data structures in industry-based applications need to be arranged.

CO3, CO4: More problem solving excerses to be provided on linear and nonlinear data structure operations

Course Coordinator

Mentor

HOD

Head of Department
Engineer
NAUTICAL ENGINE
Hyderabad - 500 043