INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)

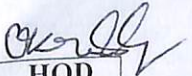### ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	**Mr. D SREENIVASULU**	Department:	**CSE(CS)**
Regulation:	**IARE – UG20**	Batch:	**2020- 2024**
Course Name:	**Design and Analysis of Algorithms Laboratory**	Course Code:	**ACSC15**
Semester:	**IV**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Apply Divide and conquer strategy to organize the data in ascending or descending order.	3	3	3	Attainment target is reached.
CO2	Make use of Algorithmic Design paradigms to determine shortest distance and transitive closure of Directed or Undirected Graphs.	3	3	3	Attainment target is reached.
CO3	Utilize Greedy Technique or principle of Optimality for finding solutions to optimization problems.	3	3	3	Attainment target is reached.
CO4	Compare the efficiencies of traversal problems using different Tree and Graph traversal algorithms.	3	3	3	Attainment target is reached.
CO5	Utilize Backtracking method for solving Puzzles involving building solutions incrementally.	3	3	3	Attainment target is reached.
CO6	Examine Branch and Bound Approach for solving Combinatorial optimization problems.	3	3	3	Attainment target is reached.

Action taken report:

Course Attainments target Reached

Course Coordinator   Mentor   HOD