



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

COMPUTER SCIENCE AND ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. K SUVARCHALA	Department:	Computer Science and Engineering
Regulation:	IARE - UG20	Batch:	2022-2026
Course Name:	Design and Analysis of Algorithms Laboratory	Course Code:	ACSC15
Semester:	IV	Target Value:	75% (2.3)

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.	3.00	0.00	3	Attained
CO2 Make use of Algorithmic Design paradigms to determine shortest distance and transitive closure of Directed or Undirected Graphs.	3.00	0.00	3	Attained
CO3 Utilize Greedy Technique or principle of Optimality for finding solutions to optimization problems.	3.00	0.00	3	Attained
CO4 Compare the efficiencies of traversal problems using different Tree and Graph traversal algorithms.	3.00	0.00	3	Attained
CO5 Utilize Backtracking method for solving Puzzles involving building solutions incrementally.	3.00	0.00	3	Attained
CO6 Examine Branch and Bound Approach for solving Combinatorial optimization problems	3.00	0.00	3	Attained

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


Course Coordinator


Mentor


Head of the Department