



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## INFORMATION TECHNOLOGY

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. M PURUSHOTHAM REDDY	Department:	Information Technology
Regulation:	IARE - R20	Batch:	2021-2025
Course Name:	Design and Analysis of Algorithms Laboratory	Course Code:	ACSC15
Semester:	IV	Target Value:	60% (1.8)

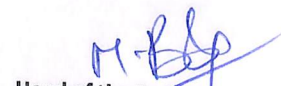
#### Attainment of COs:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Apply Divide and conquer strategy to organize the data in ascending or descending order.	3.00	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