


**INSTITUTE OF AERONAUTICAL ENGINEERING**

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

**COMPUTER SCIENCE AND ENGINEERING**
**ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT**

Name of the faculty: **Ms. ALA HARIKA** Department: **Computer Science and Engineering**  
 Regulation: **IARE - R20** Batch: **2021-2025**  
 Course Name: **Design and Analysis of Algorithms Laboratory** Course Code: **ACSC15**  
 Semester: **IV** Target Value: **80% (2.4)**

**Attainment of COs:**

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
C01 Apply Divide and conquer strategy to organize the data in ascending or descending order.	3.00	0.00	3	Attained
C02 Make use of Algorithmic Design paradigms to determine shortest distance and transitive closure of Directed or Undirected Graphs.	3.00	0.00	3	Attained
C03 Utilize Greedy Technique or principle of Optimality for finding solutions to optimization problems.	3.00	0.00	3	Attained
C04 Compare the efficiencies of traversal problems using different Tree and Graph traversal algorithms.	3.00	0.00	3	Attained
C05 Utilize Backtracking method for solving Puzzles involving building solutions incrementally.	3.00	0.00	3	Attained
C06 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