



INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

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|----------------------|--|---------------|------------------------|
| Name of the faculty: | Dr. M PURUSHOTHAM REDDY | Department: | Information Technology |
| Regulation: | IARE - R20 | 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. | 3.00 | 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:


Course Coordinator


Mentor


Head of the Department