


**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 - R18 | Batch: | 2019-2023 |
| Course Name: | DESIGN AND ANALYSIS OF ALGORITHMS LABORATORY | Course Code: | AITB07 |
| 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