INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	**Ch. Suresh Kumar Raju**	Department:	**IT**
Regulation:	**IARE - R16**	Batch:	**2016 - 2020**
Course Name:	**Design and Analysis of Algorithms Lab**	Course Code:	**AIT101**
Semester:	**III**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Overall attainment	Observation
CO1	Apply Divide and conquer strategy to organize the data in ascending or descending order.	2.3	Attainment target reached
CO2	Make use of Algorithmic Design paradigms to determine shortest distance and transitive closure of Directed or Undirected Graphs	2.3	Attainment target reached
CO3	Utilize Greedy Technique or principle of Optimality for finding solutions to optimization problems.	2.3	Attainment target reached
CO4	Compare the efficiencies of traversal problems using different Tree and Graph traversal algorithms.	2.3	Attainment target reached
CO5	Utilize Backtracking method for solving Puzzles involving building solutions incrementally	2.3	Attainment target reached
CO6	Examine Branch and Bound Approach for solving Combinatorial optimization problems.	2.3	Attainment target reached

Action taken report: (To be filled by the concerned faculty / course coordinator)

All CO'S are Attained

Course Coordinator   **Mentor**   **HOD**