



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Mr. D Sreenivasulu	Department:	CSE(CS)
Regulation:	IARE – UG20	Batch:	2020- 2024
Course Name:	Design And Analysis of Algorithms	Course Code:	ACSC13
Semester:	IV	Target Value:	60% (1.8)

Attainment of COs:

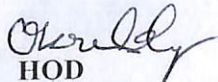
Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Find the (worst case, randomized, amortized) running time and space complexity of given algorithms using techniques such as recurrences and properties of probability.	1	2	1.3	Attainment target is not reached.
CO2	Apply divide and conquer algorithms for solving sorting, searching and matrix multiplication.	0	2	0.6	Attainment target is not reached.
CO3	Make Use of appropriate tree traversal techniques for finding shortest path.	0	2	0.6	Attainment target is not reached.
CO4	Compare Identify suitable problem-solving techniques for a given problem and finding optimized solutions using Greedy and Dynamic Programming techniques.	0	2	0.9	Attainment target is not reached.
CO5	Apply greedy algorithm Utilize backtracking and branch and bound techniques to deal with traceable and in-traceable problems.	0	2	0.9	Attainment target is not reached.
CO6	Apply Describe the classes P, NP, NP-Hard, NP- complete for solving deterministic and non-deterministic problems	0	2	0.6	Attainment target is not reached.

Action taken report:

CO 1& CO 2& CO 3& CO 4& CO 5& CO 6: Need to provide more concepts on algorithms, problem analysis and problem solving skills to get better knowledge on programming .


Course Coordinator


Mentor


HOD

Head of the Department
CSE (Cyber Security)
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