INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

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

Name of the faculty:	**Mr. N RAJASHEKAR**	Department:	**Computer Science and Engineering**
Regulation:	**IARE - PG21**	Batch:	**2022-2024**
Course Name:	**Advanced Data Structures**	Course Code:	**BCSC02**
Semester:	**I**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Analyze the performance and complexity of the algorithms on data structures and their applications using mathematical tools like asymptotic notations.	3.00	2.10	2.8	Attained
CO2	Construct complex data structures for processing, organizing, and accessing information.	3.00	2.70	2.9	Attained
CO3	Design and Implement non-linear data structures using trees and graphs.	3.00	1.80	2.8	Attained
CO4	Organize data in the form of trees and graphs for retrieving information effectively.	3.00	2.30	2.9	Attained
CO5	Model the real-world data using red black and splay trees for comparison of text, patterns, and querying.	2.10	2.10	2.1	Attained

Action Taken Report: (To be filled by the concerned faculty / course coordinator)

Course Coordinator   **Mentor**   **Head of the Department**

Head of the Department
Computer Science and Engineering
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