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

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

Name of the faculty:	**Dr. K SUVARCHALA**	Department:	**Computer Science and Engineering**
Regulation:	**IARE - R18**	Batch:	**2018-2022**
Course Name:	**DATABASE MANAGEMENT SYSTEMS**	Course Code:	**ACSB08**
Semester:	**IV**	Target Value:	**70% (2.1)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Outline the importance of database system, RDBMS and its functionalities for voluminous data storage and management.	3.00	2.60	2.9	Attained
CO2	Model the real world database systems using Entity Relationship Diagrams from the requirement specification.	2.30	2.60	2.4	Attained
CO3	Construct queries in Relational Algebra, Relational Calculus and SQL to retrieve desired information.	2.70	2.70	2.7	Attained
CO4	Identify appropriate normalization technique using dependencies for controlling the redundancy of data in database.	1.00	2.60	1.3	Not Attained
CO5	Demonstrate ACID properties of Transaction processing, currency control protocols and recovery to preserve the database in a consistent state.	1.70	2.70	1.9	Not Attained
CO6	Organize data storage and file organization techniques using tree and hash indices for effective query processing.	1.70	2.60	1.9	Not Attained

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

CO4: Provide More application problems on Normalization and Functional dependencies to make student aware the importance of Integrity constraints.

CO5: Discuss case studies on Concurrency control and recovery of databases so that student can get deep idea on maintaining a consistent state.

CO6: Arrange an expert lecture from industry on query optimization to improve students skills in writing efficient queries.

Course Coordinator   **Mentor**   Head of the Department
Computer Science and Engineering
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Dundigal, Hyderabad - 500 043
Head of the Department