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

INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. U SIVAJI	Department:	Information Technology
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	DATABASE MANAGEMENT SYSTEMS	Course Code:	ACSB08
Semester:	IV	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct attaiment	Indirect attaiment	Overall attaiment	Observation
CO1	Outline the importance of database system, RDBMS and its functionalities for voluminous data storage and management.	1.30	2.60	1.6	Not Attained
CO2	Model the real world database systems using Entity Relationship Diagrams from the requirement specification.	0.60	2.60	1	Not Attained
CO3	Construct queries in Relational Algebra, Relational Calculus and SQL to retrieve desired information.	0.90	2.70	1.3	Not Attained
CO4	Identify appropriate normalization technique using dependencies for controlling the redundancy of data in database.	1.70	2.50	1.9	Attained
CO5	Demonstrate ACID properties of Transaction processing, currency control protocols and recovery to preserve the database in a consistent state.	2.40	2.70	2.5	Attained
CO6	Organize data storage and file organization techniques using tree and hash indices for effective query processing.	0.30	2.50	0.7	Not Attained

Action Taken:

CO1: Need to discuss more functionalities for voluminous data storage and management.
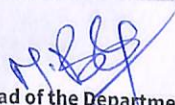CO2: Need to discuss ER diagrams for more real world database systems.
CO3: Discuss more queries in relational algebra, relational calculus and SQL to retrieve desired information.

CO6: Need to discuss more file organization techniques using tree and hash indices for effective query processing.

Course Coordinator   Mentor   Head of the Department