

**INSTITUTE OF AERONAUTICAL ENGINEERING**

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)**ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT**

Name of the faculty:	Dr. GANAPATHI RAO GAJULA	Department:	Computer Science and Engineering (Data Science)
Regulation:	IARE - UG20	Batch:	2022-2026
Course Name:	Database Management Systems	Course Code:	AITC05
Semester:	IV	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Describe data models, schemas, instances, view levels and database architecture for voluminous data storage.	0.90	2.00	1.1	Not Attained
CO2	Define the concept of Relational Algebra and Relational Calculus from set theory to represent queries.	0.90	2.00	1.1	Not Attained
CO3	Make use of SQL queries for data aggregation, calculations, views, sub-queries, embedded queries manipulation.	0.90	2.00	1.1	Not Attained
CO4	Illustrate the definition of Functional Dependencies, Inference rules and minimal sets of FD's to maintain data integrity.	0.60	2.00	0.9	Not Attained
CO5	State the concepts of transaction, states of ACID Properties in Data Manipulation.	0.90	2.00	1.1	Not Attained
CO6	Apply Indexing, Hashing Techniques to access the records from the file effectively.	0.90	2.00	1.1	Not Attained

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

CO1: Conducted remedial classes and provided additional materials to improve understanding of data models and database architecture.

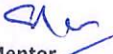
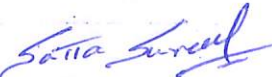
CO2: Conducted remedial classes and provided additional materials to improve understanding of data models and database architecture.

CO3: Increased hands-on SQL practice through lab sessions and assignments.

CO4: Conducted additional practice sessions on functional dependencies and normalization.

CO5: Used real-time examples and quizzes to enhance understanding of transactions and ACID properties.

CO6: Provided practical demonstrations and exercises on indexing and hashing techniques.


Course Coordinator

Mentor

Head of the Department