

**INFORMATION TECHNOLOGY****ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT**

Name of the faculty:	Ms. B PRAVALLIKA	Department:	Information Technology
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	DATABASE MANAGEMENT SYSTEMS	Course Code:	ACSB08
Semester:	IV	Target Value:	60% (1.8)

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	2.20	2.8	Attained
CO2	Model the real world database systems using Entity Relationship Diagrams from the requirement specification.	2.30	2.20	2.3	Attained
CO3	Construct queries in Relational Algebra, Relational Calculus and SQL to retrieve desired information.	0.90	2.20	1.2	Not Attained
CO4	Identify appropriate normalization technique using dependencies for controlling the redundancy of data in database.	0.90	2.20	1.2	Not Attained
CO5	Demonstrate ACID properties of Transaction processing, currency control protocols and recovery to preserve the database in a consistent state.	1.60	2.20	1.7	Not Attained
CO6	Organize data storage and file organization techniques using tree and hash indices for effective query processing.	2.30	2.20	2.3	Attained

Action Taken:

- CO3: Need to discuss relational algebra, relational calculus and SQL to retrieve desired information by constructing more example queries.
CO4: Need to conduct guest lecture on the concept normalization technique.
CO5: Need to discuss ACID properties with examples.

B. Pravalika
Course Coordinator

Josmi
Mentor

M. R. S. P.
Head of the Department