



COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT


Name of the faculty:	Mr. Y MANOHAR REDDY	Department:	Computer Science and Engineering (Cyber Security)
Regulation:	IARE - R20	Batch:	2021-2025
Course Name:	Database Management Systems	Course Code:	AITC05
Semester:	IV	Target Value:	60% (1.8)


Attainment of COs:

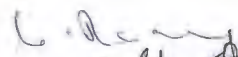
Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Describe data models, schemas, instances, view levels and database architecture for voluminous data storage.	0.90	2.20	1.2	Not Attained
CO2 Define the concept of Relational Algebra and Relational Calculus from set theory to represent queries.	0.60	2.20	0.9	Not Attained
CO3 Make use of SQL queries for data aggregation, calculations, views, sub-queries, embedded queries manipulation	0.90	2.20	1.2	Not Attained
CO5 State the concepts of transaction, states of ACID Properties in Data Manipulation.	0.90	2.20	1.2	Not Attained
CO6 Apply Indexing, Hashing Techniques to access the records from the file effectively.	0.90	2.20	1.2	Not Attained
CO4 Illustrate the definition of Functional Dependencies, Inference rules and minimal sets of FD's to maintain data integrity.	0.90	2.20	1.2	Not Attained

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

- CO1: Need to provide more knowledge and make more practice on data models and database architectural components.
- CO2: Need to practicing with more practical examples on relational algebra and relational operations on queries.
- CO3: Provide more examples to do practice for data aggregation and calculation concepts with the help of database languages.
- CO5: Provide more skills on understanding of Transaction concept and its properties in real time transactions.
- CO6: Practice more with the problems on indexing and hashing techniques with the help of access based methods.
- CO4: Need to understand and practice more examples on dependencies and inference rules to maintain the integrity of the data.


Course Coordinator


Mentor


Head of the Department
Head of the Department
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