



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad -500 043

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING(DATA SCIENCE)

ATTAINMENT OF COURSE OUTCOMES (COS) – ACTION PLAN

Name of the Faculty	Dr.M.Ravisankar	Department	CSE(DS)
Regulations	UG20	Batch	2020-2024
Course Name	Database Management Systems	Course Code	AITC05
Semester	IV	Target Value	70%(2.1 on 3 Scale)

Attainment of COs:

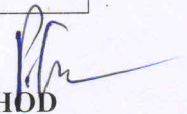
Course Outcomes		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Describe data models, schemas, instances, view levels and database architecture for voluminous data storage.	2.3	2.1	2.3	Target Attained
CO2	Define the concept of Relational Algebra and Relational Calculus from set theory to represent queries.	2.7	2.1	2.6	Target Attained
CO3	Make use of SQL queries for data aggregation, calculations, views, sub-queries, embedded queries manipulation.	1.6	2.1	1.7	Target not Attained
CO4	Illustrate the definition of Functional Dependencies, Inference rules and minimal sets of FD's to maintain data integrity.	0.9	2.1	1.1	Target not Attained
CO5	State the concepts of transaction, states of ACID Properties in Data Manipulation.	3	2.1	2.8	Target Attained
CO6	Apply Indexing, Hashing Techniques to access the records from the file effectively.	1.6	2.1	1.7	Target not Attained

Action taken report:

CO3&CO4: Faculty is advised to concentrate on SQL queries conducting tutorial in efficient manner
CO5&CO6: Conducting Seminars and guest lectures on these topics


Course Coordinator


Mentor


HOD

Head of the Department
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