

# Database Management Systems (CS-351)

## Course Plan

### BTech 3rd Year (CSE)

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# Topics to be Covered

- Overview
- Relational Databases
- Database Design
- Transaction Management
- Data Storage and Querying
- System Architecture
- Data Warehousing, Data Mining, and Information Retrieval
- Specialty Databases

# Marks Distribution

- Class Tests: 10%
- Tutorial and Assignments: 15%
- Mid-term Exam: 25%
- End-term Exam: 50%

# Books

- Abraham, H. and Sudershan, S., Database System Concepts, 6th Ed., McGraw-Hill.
- Elmasi, R. and Navathe, S.B., Fundamentals of Database Systems, 6th Ed., Pearson Education.
- Ramakrishnan, R. and Gekhre, J., Database Management Systems, 3rd Ed., McGraw-Hill.