

Syllabus: Introduction to Database Management Systems

Unit-I

Introduction to Databases: What is a database system, purpose of database systems, views of data, database languages, relational databases, database design, data storage and querying.

Unit-II

Relational Model: Structure of relational databases, database schema, keys, schema diagrams, relational query languages, relational operations.

Unit-III

SQL: Overview of the SQL query language, SQL data definition, basic structure of SQL queries, set operations, aggregate functions, null values, nested subqueries.