



S R K R Engineering College (A), Bhimavaram
Department of Computer Science & Engineering
Database Management Systems

[Course code : B19CS2203]

Online Resources 2020-21 B.Tech. 2nd year 2nd sem.

Faculty Name	Unit	Sub unit	topics	Running Notes	Import ant Notes	videos	QB	MCQ	Extra1 Sri Rami Naidu	Extra2 Smt. Kavitha	Extra3 Smt. K Aruna Kumari	Extra4 Dr. G Mahesh
Sri Rami Naidu	1	1	Introduction: What is DBMS, Database-System Applications, Purpose of Database Systems, View of Data, Database Languages, Relational Databases, Data Storage and Querying, Transaction Management, Database Architecture, Database Users and Administrators, History of Database Systems	Introduction to DBMS Data Models Database Languages Relational Databases Data Storage and Querying Transaction Management Database Architecture Database Architecture. Database Users and Administrators History of Database Systems	DBMS FPS vs DBMS DBMS Advantages Views of Data DBMSstructure		Question Bank	MCQ				
Smt. Kavitha	1	2	ER Model: Overview of the Design Process, The Entity-Relationship Model, Constraints, Entity-Relationship Diagrams, Entity-Relationship Design Issues, Extended E-R Features.		ER Model		ER Model QB	ER Model MCQ				
Smt. K Aruna Kumari	2	1	Relational Model: Structure of Relational Databases, Database Schema, Keys, Schema Diagrams, [Relational Query Languages, Relational Operations].				RM QB	RM MCQ				
Smt. K Aruna Kumari	2	2	Relational Query Languages: The Relational Algebra, Tuple Relational Calculus, The Domain Relational Calculus	RA		RA Part 1 Part 2	QB RA	MCQ RA				

Dr. G Mahesh	3	1	<p>SQL: Overview of the SQL, SQL Data Definition, Basic Structure of SQL Queries, Additional Basic Operations, Set Operations, Null Values, Aggregate Functions, Nested Subqueries, Modification of the Database, Join Expressions, Views, Integrity Constraints, SQL Data Types and Schemas, Authorization</p>	Notes1 Notes2 Notes3 DDL DML	Nested Queries	select1 select2 Join Video	[QB]	[MCQ]				
--------------	---	---	--	--	--------------------------------	---	------	-------	--	--	--	--