

LESSON PLAN

Contact Hour (Cumulative)	Unit No.	Topic	Teaching(*) Methodology	Remarks
1 (1)	I	Introduction of DBMS	LCD, Chalk Talk	
5 (2)		View of Data	LCD, chalk Talk	
4 (3)		Data Models	LCD, chalk Talk	
6 (4)		Database Languages	LCD, chalk Talk	
1 (5)		Database Languages	LCD, chalk, Talk	
4 (6)		Database System Access	LCD, chalk Talk	
6 (7)		Database User and Administrator	LCD, chalk, Talk	
1 (8)		Database System structure	LCD, chalk, Talk.	
5 (9)		Data storage and Querying	LCD, chalk Talk	
4 (10)		Transaction Management	LCD, chalk Talk	
6 (11)	II	Overview of Database design	LCD, chalk, Talk	
1 (12)		Relationships and Relationship sets	LCD, chalk, Talk	
5 (13)		Additional features of The Model	LCD, chalk, Talk	
4 (14)		Conceptual database design	LCD, chalk, Talk	
6 (15)		Introduction to relational model	LCD, chalk, Talk	
1 (16)		Integrity constraints over relation	LCD, chalk, Talk	
5 (17)		Enforcing integrity constraints	LCD, chalk, Talk	
4 (18)		Querying relational data	LCD, chalk, Talk	
4 (19)		Logical database design	LCD, chalk, Talk	
5 (20)		Logical database design	LCD, chalk, Talk	

*Black Board / LCD / OHP / Other Method



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4 (21)	III	Introduction to views	LCD, chalk, Talk	
6 (22)		Introduction to SQL	LCD, chalk, Talk	
1 (23)		Form of a basic SQL Query	LCD, chalk, Talk	
4 (24)		Nested Queries	LCD, chalk, Talk	
6 (25)		Nested Queries	LCD, chalk, Talk	
1 (26)		Aggregate Operators	LCD, chalk, Talk	
5 (27)		Null values	LCD, chalk, Talk	
4 (28)	IV	Null Values	LCD, chalk, Talk	
5 (29)		Triggers and active database	LCD, chalk, Talk	
4 (30)		Introduction to Schema	LCD, chalk, Talk	
6 (31)		Problems caused by Redundancy	LCD, chalk, Talk	
1 (32)		Use of decomposition	LCD, chalk, Talk	
5 (33)		Functional dependencies	LCD, chalk, Talk	
4 (34)		Normal forms	LCD, chalk, Talk	
6 (35)	V	Decompositions	LCD, chalk, Talk	
1 (36)		Concept of transaction	LCD, chalk, Talk	
5 (37)		Concurrent execution of trans	LCD, chalk, Talk	
4 (38)		Lock-based concurrency	LCD, chalk, Talk	
6 (39)		Time-stamp based concurrency	LCD, chalk, Talk	
1 (40)		failure classification, log based	LCD, chalk, Talk	

*Black Board / LCD / OHP / Other Method & recovery

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