

LESSON PLAN:

Discipline: IT	Semester: 4th	Name of the Teaching Faculty: D Susmlta
Subject: Data Base Management System	No. Of Days/per week class allotted: 4 periods per week (Tues, Wed , Thus & Sat-1 period each)	Semester: From Date:16-01-2024 To Date:26-04-2024 No. Of Weeks: 14weeks
WEEK	CLASS DAY	THEORY TOPICS
1st	16-01-2024	Interaction with students
	17-01-2024	Syllabus discussion
	18-01-2024	1.0 Basic concepts of DBMS
	20-01-2024	1.1 Purpose of database Systems
2nd	24-01-2024	1.2 Explain Data abstraction
	25-01-2024	1.3 Database users
	27-01-2024	1.4 Data definition language
3rd	30-01-2024	1.5 Data Dictionary
	31-01-2024	2.0 Data Models
	01-02-2024	2.1 Data independence
	03-02-2024	2.2 Entity relationship models
4th	06-02-2024	2.3 Entity sets and Relationship sets
	07-02-2024	Revision Cum Assignment
	08-02-2024	2.4 Explain Attributes
	10-02-2024	2.5 Mapping constraints
5th	13-02-2024	2.5 Mapping constraints
	15-02-2024	2.6 E-R Diagram
	17-02-2024	2.7 Relational model
6th	20-02-2024	2.8 Hierarchical model
	21-02-2024	2.9 Network model
	22-02-2024	Ch 2 Back log clear & Revision
	24-02-2024	3.0 RELATIONAL DATABASE 3.1 Relational algebra
7th	27-02-2024	3.2 Different operators select, project, join , simple Examples
	28-02-2024	3.2 Different operators select, project, join , simple Examples Revision Cum Assignment
	29-02-2024	3.2 Different operators select, project, join , simple Examples
	02-03-2024	CLASS TEST1
8 th	06-03-2024	4.0 NORMALIZATION IN RELATIONAL SYSTEM 4.1 Functional Dependencies
	07-03-2024	4.1 Functional Dependencies
	09-03-2024	4.2 Lossless join

9th	12-03-2024	4.4 Compare 1st 2nd & 3rd normal forms
	13-03-2024	4.3 Importance of normalization
	14-03-2024	4.5 Explain BCNF
	16-03-2024	If Any lagging, will be cleared or revision
10th	19-03-2024	5.0 STRUCTURED QUERY LANGUAGE 5.1 Elementary idea of Query language
	20-03-2024	5.1 Elementary idea of Query language
	21-03-2024	5.2 Queries in SQL
	23-03-2024	5.2 Queries in SQL
11th	27-03-2024	5.3 Simple queries to create, update, insert in SQL
	28-03-2024	5.3 Simple queries to create, update, insert in SQL
	30-03-2024	Revision
12th	02-04-2024	Internal exam
	03-04-2024	Internal exam
	04-04-2024	6.0 TRANSACTION PROCESSING CONCEPTS 6.1 Idea about transaction processing
	06-04-2024	6.2 Transaction & system concept
13th	09-04-2024	6.3 Desirable properties of transaction
	10-04-2024	6.3 Desirable properties of transaction
	13-04-2024	7.0 CONCURRENCY CONTROL CONCEPTS 7.1 Basic concepts, 7.2 Locks, 7.2 Live Lock, Dead Lock,
14th	16-04-2024	7.3 Serializability (only fundamentals)
	18-04-2024	8.0 SECURITY AND INTEGRITY
	20-04-2024	8.1 Authorization and views 8.2 Security constraints
15th	23-04-2024	8.3 integrity constraints 8.4 Discuss Encryption
	24-04-2024	Previous year Question discussion, Revision
	25-04-2024	Class test