

Discipline: IT		LESSON PLAN:	
Subject: Data Base Management System		Name of the Teaching Faculty: D. Susmita	
WEEK		Semester: From Date:10-03-2022 To Date: No. Of Weeks: 15weeks	
1st		CLASS DAY	
2nd		THEORY TOPICS	
	10-03-2022	Syllabus Overview Introduction of DBMS.	
	14-03-2022	1.0 BASIC CONCPETS OF DBMS	
	15-03-2022	1.1 Purpose of database Systems	
	16-03-2022	1.2 Explain Data abstraction	
	17-03-2022	1.3 Database users	
		1.4 Data definition language	
	21-03-2022	1.5 Data Dictionary	
	22-03-2022	2.0 DATA MODELS	
	23-03-2022	2.1 Data independence	
	24-03-2022	2.2 Entity relationship models	
		2.3 Entity sets and Relationship sets	
		Revision Cum Assignment	
	28-03-2022	2.4 Explain Attributes	
	29-03-2022	2.5 Mapping constraints	
	30-03-2022	2.6 E-R Diagram	
	31-03-2022	2.7 Relational model	
		2.8 Hierarchical model	
	04-04-2022	2.9 Network model	
	05-04-2022	3.0 RELATIONAL DATABASE	
	06—4-2022	3.1 Relational algebra	
	07-04-2022	3.1 Relational algebra	
		3.2 Different operators select, project, join , simple Examples	
	11-04-2022	3.2 Different operators select, project, join , simple Examples	
	12-04-2022	Revision Cum Assignment	
	13-04-2022	3.2 Different operators select, project, join , simple Examples	
		CLASS TEST	
	18-04-2022	4.0 NORMALIZATION IN RELATIONAL SYSTEM	
	19-04-2022	4.1 Functional Dependencies	
	20-04-2022	4.1 Functional Dependencies	
	21-04-2022	4.2 Lossless join	
		4.3 Importance of normalization	
	25-04-2022	4.4 Compare 1st 2nd & 3rd normal forms	

	26-04-2022	4.5 Explain BCNF Revision Cum Assignment
	27-04-2022	5.0 STRUCTURED QUERY LANGUAGE
	28-04-2022	5.1 Elementary idea of Query language 5.1 Elementary idea of Query language
9th	02-05-2022	5.1 Elementary idea of Query language
	04-05-2022	5.2 Queries in SQL
	05-05-2022	5.2 Queries in SQL
10th	09-05-2022	5.2 Queries in SQL
	10-05-2022	5.3 Simple queries to create, update, insert in SQL
	11-05-2022	5.3 Simple queries to create, update, insert in SQL
	12-05-2022	5.3 Simple queries to create, update, insert in SQL Revision Cum Assignment
11th	17-05-2022	6.0 TRANSACTION PROCESSING CONCEPTS 6.1 Idea about transaction processing
	18-05-2022	6.2 Transaction & system concept
	19-05-2022	6.3 Desirable properties of transaction
12th	23-05-2022	6.3 Desirable properties of transaction
	24-05-2022	6.4 Schedules and recoverability
	25-05-2022	6.4 Schedules and recoverability Revision Cum Assignment
	26-05-2022	7.0 CONCURRENCY CONTROL CONCEPTS 7.1 Basic concepts, 7.2 Locks, Live Lock, Dead Lock,
13th	31-05-2022	7.2 Locks, Live Lock, Dead Lock,
	01-06-2022	7.2 Locks, Live Lock, Dead Lock,
	02-06-2022	7.3 Serializability (only fundamentals)
14th	06-06-2022	7.3 Serializability (only fundamentals) Revision Cum Assignment
	07-06-2022	8.0 SECURITY AND INTEGRITY 8.1 Authorization and views 8.2 Security constraints
	08-06-2022	8.2 Security constraints (Continued)
	09-06-2022	8.4 Discuss Encryption CLASS TEST