

LESSON PLAN:		
Discipline: CSE	Semester: 4th	Name of the Teaching Faculty: AJAY KUMAR PANDA
Subject: Data Base Management Syetem	No. Of Days/per week class allotted: 4 periods per week (Mon, Tues, Wed & Thus-1 period each)	Semester: From Date:10-03-2022 To Date: No. Of Weeks: 15weeks
WEEK	CLASS DAY	THEORY TOPICS
1st	10-03-2022	Syllabus Overview Introduction of DBMS.
2nd	14-03-2022	1.0BASIC CONCPETS OF DBMS 1.1 Purpose of database Systems
	15-03-2022	1.2 Explain Data abstraction
	16-03-2022	1.3 Database users
	17-03-2022	1.4 Data definition language
3rd	21-03-2022	1.5 Data Dictionary
	22-03-2022	2.0 DATA MODELS 2.1 Data independence
	23-03-2022	2.2 Entity relationship models
	24-03-2022	2.3 Entity sets and Relationship sets Revision Cum Assignment
4th	28-03-2022	2.4 Explain Attributes 2.5 Mapping constraints
	29-03-2022	2.6 E-R Diagram
	30-03-2022	2.7 Relational model
	31-03-2022	2.8 Hierarchical model
5th	04-04-2022	2.9 Network model
	05-04-2022	3.0 RELATIONAL DATABASE 3.1 Relational algebra
	06—4-2022	3.1 Relational algebra
	07-04-2022	3.2 Different operators select, project, join , simple Examples
6th	11-04-2022	3.2 Different operators select, project, join , simple Examples Revision Cum Assignment
	12-04-2022	3.2 Different operators select, project, join , simple Examples
	13-04-2022	CLASS TEST
7th	18-04-2022	4.0 NORMALIZATION IN RELATIONAL SYSTEM 4.1 Functional Dependencies

	19-04-2022	4.1 Functional Dependencies
	20-04-2022	4.2 Lossless join
	21-04-2022	4.3 Importance of normalization
8th	25-04-2022	4.4 Compare First second and third normal forms
	26-04-2022	4.5 Explain BCNF Revision Cum Assignment
	27-04-2022	5.0 STRUCTURED QUERY LANGUAGE 5.1 Elementary idea of Query language
	28-04-2022	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,
13th	31-05-2022	7.2 Locks, Live Lock, Dead Lock,
	01-06-2022	7.2 Locks, Live Lock, Dead Lock,
	02-06-2022	7.2 Locks, Live Lock, Dead Lock,
14th	06-06-2022	7.3 Serializability (only fundamentals)
	07-06-2022	7.3 Serializability (only fundamentals)
	08-06-2022	7.3 Serializability (only fundamentals) Revision Cum Assignment

	09-06-2022	8.0 SECURITY AND INTEGRITY 8.1 Authorization and views 8.2 Security constraints
15th	13-06-2022	8.2 Security constraints Continued.....
	16-06-2022	8.3 Integrity Constraints
	20-06-2022	8.4 Discuss Encryption Revision Cum Assignment
	21-06-2022	CLASS TEST