

Lesson Plan

Subject- Fundamentals of DBMS

Lesson Plan- 16 Weeks (Nov 20 – Feb 21)

Week	Date	BCA (IIIrd Sem) BCA-235
1	2- Nov – 2020	-
	3- Nov – 2020	-
	4- Nov – 2020	-
	5- Nov – 2020	Basic Concepts – Data, Information, Records and files
	6- Nov – 2020	Traditional file Based Approach-Limitations of Traditional
	7- Nov - 2020	File Based Approach
2	8- Nov - 2020	Sunday
	9- Nov - 2020	-
	10- Nov - 2020	-
	11- Nov - 2020	-
	12- Nov - 2020	Database Approach-Characteristics of Database Approach
	13- Nov - 2020	Database Management System (DBMS)
	14- Nov - 2020	Holiday
3	15- Nov - 2020	Sunday
	16- Nov - 2020	Holiday
	17- Nov - 2020	-
	18- Nov - 2020	-
	19- Nov - 2020	Components of DBMS Environment
	20- Nov - 2020	DBMS Functions, Components
4	21- Nov - 2020	Advantages and Disadvantages of DBMS
	22- Nov - 2020	Sunday
	23- Nov - 2020	Assignment 1
	24- Nov - 2020	Holiday
	25- Nov - 2020	-
	26- Nov - 2020	Actors on the Scene
	27- Nov - 2020	Data and Database Administrator
5	28- Nov - 2020	Database Designers, End User
	29- Nov - 2020	Sunday
	30- Nov - 2020	Holiday
	1- Dec - 2020	-
	2- Dec - 2020	-
	3- Dec - 2020	Revision
	4- Dec - 2020	Sessional
6	5- Dec - 2020	Applications Developers
	6- Dec - 2020	Sunday
	7- Dec - 2020	-
	8- Dec - 2020	-
	9- Dec - 2020	-
	10- Dec - 2020	Doubts
	11- Dec - 2020	Workers behind the Scene
12- Dec - 2020	Three Levels of Architecture	

7	13- Dec - 2020	Sunday
	14- Dec - 2020	-
	15- Dec - 2020	-
	16- Dec - 2020	-
	17- Dec - 2020	Three Levels of Architecture
	18- Dec - 2020	Schemas – External, Conceptual and Internal Level
	19- Dec - 2020	Database Languages
8	20- Dec - 2020	Sunday
	21- Dec - 2020	-
	22- Dec - 2020	-
	23- Dec - 2020	-
	24- Dec - 2020	VDL, DDL
	25- Dec - 2020	SDL, DML
	26- Dec - 2020	SQL
9	27- Dec - 2020	Sunday
	28- Dec - 2020	-
	29- Dec - 2020	-
	30- Dec - 2020	-
	31- Dec - 2020	SQL
	1- Jan - 2021	Mappings – External/Conceptual
10	2- Jan - 2021	Conceptual/Internal
	3- Jan - 2021	Sunday
	4- Jan - 2021	-
	5- Jan - 2021	-
	6- Jan - 2021	-
	7- Jan - 2021	Instances
	8- Jan - 2021	Data Independence
11	9- Jan - 2021	Class test
	10- Jan - 2021	Sunday
	11- Jan - 2021	Holiday
	12- Jan - 2021	-
	13- Jan - 2021	-
	14- Jan - 2021	Logical and Physical Data Independence
	15- Jan - 2021	Data Models: High Level, Low Level and Representational
16- Jan - 2021	Revision	
12	17- Jan - 2021	Sunday
	18- Jan - 2021	-
	19- Jan - 2021	-
	20- Jan - 2021	Holiday
	21- Jan - 2021	Records- based Data Models
	22- Jan - 2021	Object-based Data Models
	23- Jan - 2021	Physical Data Models
13	24- Jan - 2021	Sunday
	25- Jan - 2021	-
	26- Jan - 2021	Holiday
	27- Jan - 2021	-
	28- Jan - 2021	Doubts
29- Jan - 2021	Conceptual Models	

	30- Jan - 2021	Entity-Relationship Model
14	31- Jan - 2021	Sunday
	1- Feb - 2021	-
	2- Feb - 2021	-
	3- Feb - 2021	-
	4- Feb - 2021	Concepts, Entity Types, Entity Sets
	5- Feb - 2021	Attributes, Relationships
	6- Feb - 2021	Constraints, Keys, Degree, Cardinality etc
15	7- Feb - 2021	Sunday
	8- Feb - 2021	-
	9- Feb - 2021	-
	10- Feb - 2021	-
	11- Feb - 2021	Diagrams of any Database Organization- Inventory System
	12- Feb - 2021	Payroll System
	13- Feb - 2021	Reservation System, Online Book Store etc
	14- Feb - 2021	Sunday
16	15- Feb - 2021	-
	16- Feb - 2021	-
	17- Feb - 2021	-
	18- Feb - 2021	Revision Test
	19- Feb - 2021	Discussion over Previous Year papers
	20- Feb - 2021	Revision