

**DAV CENTENARY COLLEGE FARIDABAD****Summary of Lesson Plans of College Faculty**

Name of Asst/Associate Professor : Ms. Shivani Hans, Mr. Parmod Kumar

Class &amp; Section: BBA IV A,B,C

Subject: DBMS

**Academic Session 2023-24 Even Sem**

	Date	Topics to be covered
Week 1	01.01.2024	Data & Information
	02.01.2024	Fields, Records and Files
	03.01.2024	Data Dictionary
	04.01.2024	Lab Work - MS Access Basics
	05.01.2024	Lab Assignment
	06.01.2024	Database Administrator
	07.01.2024	<b>Sunday</b>
Week 2	08.01.2024	File System approach & Database approach
	09.01.2024	Comparison between file & database approach
	10.01.2024	Features of data in Database
	11.01.2024	Lab Work - creating table in MS-Access
	12.01.2024	Lab Assignment on creating tables
	13.01.2024	Objectives of Database system & common operations
	14.01.2024	<b>Sunday</b>
Week 3	15.01.2024	Database Languages
	16.01.2024	Structure of DBMS
	17.01.2024	<b>Guru Govind Singh Jayanti</b>
	18.01.2024	Advantages & disadvantages of DBMS
	19.01.2024	Lab Work on Queries
	20.01.2024	Lab Assignment on Queries
	21.01.2024	<b>Sunday</b>
Week 4	22.01.2024	Schema, Sub Schema & Instances
	23.01.2024	Three Level Database Architecture
	24.01.2024	Data Independence & Mappings
	25.01.2024	Class Test -I
	26.01.2024	<b>Republic Day</b>
	27.01.2024	Lab assignment on Tables & Queries
	28.01.2024	<b>Sunday</b>
	29.01.2024	Practice on Queries
Week 5	30.01.2024	Hierarchical Data Model & Network Data Model
	31.01.2024	Relational Data Model
	01.02.2024	Object Based Data Models & Physical Data Model
	02.02.2024	Lab Work on creating Reports in Ms-Access
	03.02.2024	Lab Assignment on Reports
	04.02.2024	<b>Sunday</b>
Week 6	05.02.2024	Types of Database System according to no. of users
	06.02.2024	Types of Database system according to type of use
	07.02.2024	Data Security Requirements, threats, Defence mechanism
	08.02.2024	Access control & Protecting the data within the Database

	09.02.2024	Lab work on creating Forms
	10.02.2024	Lab Assignment on Forms
	11.02.2024	<b>Sunday</b>
Week 7	12.02.2024	Types of Database system according to database site locations
	13.02.2024	Comparison b/w Client/Server and Distributed database system
	14.02.2024	<b>Chotu Ram Jayanti</b>
	15.02.2024	Firewalls - Need , Working & Types
	16.02.2024	Database roles , views & Data Encryption
	17.02.2024	Lab Practice in MS-Access
	18.02.2024	<b>Sunday</b>
Week 8	19.02.2024	Assignment on Access Queries
	20.02.2024	Statistical Database Security
	21.02.2024	Database Recovery
	22.02.2024	Failure & its types, Fault and error
	23.02.2024	Assignment on Access Queries
	24.02.2024	<b>Ravidas Jayanti</b>
	25.02.2024	<b>Sunday</b>
Week 9	26.02.2024	Lab Practice in MS-Access
	27.02.2024	Class Test -II
	28.02.2024	Data Storage, Stable storage
	29.02.2024	System Log, Caching of Disk Blocks
	01.03.2024	Checkpoints
	02.03.2024	Assignment on Access Reports
	03.03.2024	<b>Sunday</b>
Week 10	04.03.2024	Assignment on Access Reports
	05.03.2024	Log Based Recovery Types, Shadow paging
	06.03.2024	Database Recovery from Natural Disasters
	07.03.2024	Concept of DDBMS, Functions and Components
	08.03.2024	<b>Maha Shivratri</b>
	09.03.2024	Parallel DBMS
	10.03.2024	<b>Sunday</b>
Week 11	11.03.2024	Lab Assignment
	12.03.2024	Practice on Queries
	13.03.2024	Difference between Parallel DBMS & Distributed DBMS
	14.03.2024	Advantages, Disadvantages & Types of DDBMS
	15.03.2024	Distributed Database Design - Introduction
	16.03.2024	Data Fragmentation
	17.03.2024	<b>Sunday</b>
Week 12	18.03.2024	Practice on Queries
	19.03.2024	<b>Mahaveer jayanti</b>
	20.03.2024	Data Replication
	21.03.2024	Data Allocation & Applications of Distributed Databases
	22.03.2024	Data mining -Phases & Applications
	23.03.2024	<b>Holi Vacations</b>
	24.03.2024	<b>Holi Vacations</b>

Week 13	25.03.2024	Holi Vacations
	26.03.2024	Holi Vacations
	27.03.2024	Holi Vacations
	28.03.2024	Holi Vacations
	29.03.2024	Holi Vacations
	30.03.2024	Holi Vacations
	31.03.2024	Holi Vacations
Week 14	01.04.2024	Data mining models
	02.04.2024	Practice on Queries
	03.04.2024	Practice on Forms
	04.04.2024	Data Mining Applications & Problems
	05.04.2024	Data Warehousing & OLTP systems
	06.04.2024	Data ware house model
	07.04.2024	Sunday
Week 15	08.04.2024	Lab Test
	09.04.2024	advantages & disadvantages of web databases
	10.04.2024	Objectives & types of Digital Library
	11.04.2024	ID-ul-Fitar
	12.04.2024	Components of Digital Library
	13.04.2024	Vaishakhi
	14.04.2024	Sunday
Week 16	15.04.2024	Services provided by Digital Library
	16.04.2024	Lab Work Revision
	17.04.2024	Ram Navmi
	18.04.2024	Digital Library : Myths & Challenges
	19.04.2024	Advantages & limitations of Digital Library
	20.04.2024	Types of Multimedia Database
	21.04.2024	Sunday
Week 17	22.04.2024	Multimedia Database Management System
	23.04.2024	Lab Work Revision
	24.04.2024	Lab Work Revision
	25.04.2024	Multimedia Database Management System
	26.04.2024	Multimedia Database Components
	27.04.2024	Structure of Multimedia Database & Queries
	28.04.2024	Sunday
	29.04.2024	Spatial Database system architecture, merits and demerits
	30.04.2024	Architecture of Mobile Database, uses and limitations
	1.05.2024	Examinations