

Lesson Plan

Name of the Faculty : MR. SAHARSH GERA (THEORY)
 Discipline : BBA
 Semester : 4th
 Subject : DATA BASE MANAGEMENT SYSTEM (BBAN-405)
 Lesson Plan Duration : 15 Weeks (from MAY, 2021 to AUG, 2021)

**** Work Load (Lecture/ Practical) per week (in hours): Lecture-03**

WEEK	THEORY	
	LECTURE DAY	TOPIC (including assignment / test)
1 ST	1 st	UNIT-I Introduction to data base management system
	2 nd	Data versus information
	3 rd	Record, file
2 ND	1 st	data dictionary
	2 nd	Database administrator
	3 rd	Functions and responsibilities
3 rd	1 st	File-oriented system versus database system.
	2 nd	ASSIGNMENT-1
	3 rd	Unit-2

		Database system architecture – Introduction
4 th	1 st	Schemas
	2 nd	Sub schemas and instances
	3 rd	Database architecture
5 th	1 st	Data independence
	2 nd	Mapping
	3 rd	Data models
6 th	1 st	Types of database systems
	2 nd	ASSIGNMENT-2
	3 rd	UNIT-III Introduction to Data base security
7 th	1 st	Threats and security issues
	2 nd	firewalls
	3 rd	database recovery
8 th	1 st	Techniques of data base security
	2 nd	Distributed data base
	3 rd	ASSIGNMENT-3
9 th	1 st	UNIT-4 Data warehousing
	2 nd	Data mining

	3 rd	Emerging data base technologies
10 th	1 st	Internet
	2 nd	Database
	3 rd	Digital libraries
11 th	1 st	Multimedia data base
	2 nd	Mobile data base
	3 rd	Spatial data base
12 th	1 st	ASSIGNMENT-4
	2 nd	REVISION OF UNIT - 01
	3 rd	REVISION OF UNIT – 02
13 th	1 st	REVISION OF UNIT – 03
	2 nd	REVISION OF UNIT - 04
	3 rd	ASSIGNMENT-5
14 th	1 st	TEST OF UNIT-01
	2 nd	TEST OF UNIT-02
	3 rd	TEST OF UNIT-03
15 th	1 st	TEST OF UNIT-04
	2 nd	ASSIGNMENT-6
	3 rd	PRE EXAM (WHOLE SYLLABUS)