



SWAMI VIVEKANANDA SCHOOL OF ENGINEERING & TECHNOLOGY

LESSON PLAN (SUMMER 2024)


Discipline- Computer Science & Engineering	Semester-4th	Faculty Name- Monalisa Swain
Subject- DataBase Management System	No of days/ per week class allotted-4	Semester from date- 16/01/2024 to 26/04/2024 No of weeks-17
Week	Class day	Theory Topics
JAN 3RD	16.01.2024	BASIC CONCPETS OF DBMS
	18.01.2024	Purpose of database Systems
	19.01.2024	Explain Data abstraction
	20.01.2024	Database users
JAN 4TH	22.01.2024	Data definition language
	23.01.2024	Data Dictionary
	25.01.2024	Doubt Clearing Class
	26.01.2024	DATA MODELS
JAN 5TH	29.01.2024	Data independence
	30.01.2024	Entity relationship models
	31.01.2024	Entity relationship models
FEB 1ST	01.02.2024	Entity sets and Relationship sets
	02.02.2024	Explain Attributes
	03.02.2024	Explain Attributes
FEB 2ND	05.02.2024	CLASS TEST
	06.02.2024	Mapping constraints
	08.02.2024	E-R Diagram
	09.02.2024	Relational model
	10.02.2024	Hierarchical model
FEB 3RD	12.02.2024	Hierarchical model
	13.02.2024	Network model
	16.02.2024	Doubt Clearing Class
	17.02.2024	RELATIONAL DATABASE
FEB 4TH	19.02.2024	Relational algebra
	20.02.2024	Different operators select, project, join , simple Examples
	23.02.2024	Different operators select, project, join , simple Examples
FEB 5TH	26.02.2024	Different operators select, project, join , simple Examples
	27.02.2024	Doubt Clearing Class
	28.02.2024	NORMALIZATION IN RELATIONAL SYSTEM
MAR 1ST	01.03.2024	Functional Dependencies
	02.03.2024	Functional Dependencies
MAR 2ND	04.03.2024	Lossless join
	06.03.2024	Importance of normalization
	09.03.2024	Types of Normal Forms
MAR 3RD	11.03.2024	Compare First second and third normal forms
	12.03.2024	Explain BCNF
	15.03.2023	Doubt Clearing Class
	16.03.2024	STRUCTURED QUERY LANGUAGE

MAR 4TH	18.03.2024	Elementary idea of Query language
	19.03.2024	Elementary idea of Query language
	22.03.2024	Queries in SQL
MAR 5TH	25.03.2024	Simple queries to create, update, insert in SQL
	27.03.2024	Simple queries to create, update, insert in SQL
	29.03.2024	Simple queries to create, update, insert in SQL
APR 1ST	01.04.2024	Simple queries to create, update, insert in SQL
	05.04.2024	Doubt Clearing Class
	06.04.2024	TRANSACTION PROCESSING CONCEPTS Idea about transaction processing
APR 2ND	08.04.2024	Transaction & system concept Desirable properties of transaction
	09.04.2024	Schedules and recoverability
	12.04.2024	CONCURRENCY CONTROL CONCEPTS
	13.04.2024	Basic concepts
APR 3RD	15.04.2024	Locks, Live Lock, Dead Lock,
	16.04.2024	Locks, Live Lock, Dead Lock,
	19.04.2024	Serializability (only fundamentals)
	20.04.2024	Doubt Clearing Class
APR 4TH	22.04.2024	SECURITY AND INTEGRITY Authorization and views
	23.04.2024	Security constraints
	24.04.2024	Integrity Constraints
	25.04.2024	Discuss Encryption
	26.04.2024	Doubt Clearing Class

Total no. of Classes: 60
No. of Theory Classes: 43
No. of Tutorial Classes: 5
No. of Digital Classes: 5
No. of PPT Classes: 7


14/01/24
H.O.D. H.O.D.

Computer Science & Engineering
S.V.S.E.T., Madanpur


14/01/24
DEAN (ACADEMICS)

DEAN ACADEMICS
SVSET, MADANPUR


PRINCIPAL

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