

Lesson Plan (2019-2020)

Department – Computer Science  
Subject- RDBMS-II

Week	Date	BVSD(IV Sem) BVSD-41
1	01.01.2020	
	02.01.2020	<b>Guru Gobind Singh Jayanti holiday</b>
	03.01.2020	Object-oriented Data Model: Object identity, Object Structure, and Type Constructors
	04.01.2020	Encapsulation of Operations, Methods and Persistence
	05.01.2020	<b>SUNDAY</b>
2	06.01.2020	
	07.01.2020	
	08.01.2020	
	09.01.2020	Type Hierarchies and Inheritance .
	10.01.2020	Complex Objects
	11.01.2020	Polymorphism, Multiple Inheritance, Versions and Configurations.
	12.01.2020	<b>SUNDAY</b>
3	13.01.2020	
	14.01.2020	
	15.01.2020	
	16.01.2020	Parallel and Distributed Databases and Client-Server Architecture:
	17.01.2020	Architecture for Parallel Database; Distributed Database Concepts
	18.01.2020	Revision
	19.01.2020	<b>SUNDAY</b>
4	20.01.2020	
	21.01.2020	
	22.01.2020	
	23.01.2020	Architecture for Parallel Database; Distributed Database Concepts
	24.01.2020	Data Fragmentation, Replication, and Allocation Techniques, Overview of Client-Server Architecture.
	25.01.2020	Data Fragmentation, Replication, and Allocation Techniques, Overview of Client-Server Architecture.
	26.01.2020	<b>SUNDAY</b>
5	27.01.2020	
	28.01.2020	
	29.01.2020	
	30.01.2020	<b>Basant Panchmi</b>
	31.01.2020	examples
	01.02.2020	doubts
	02.02.2020	<b>SUNDAY</b>
6	03.02.2020	
	04.02.2020	
	05.02.2020	
	06.02.2020	Data Fragmentation, Replication, and Allocation Techniques, Overview of Client-Server Architecture.
	07.02.2020	Data Warehousing: Characteristics of Data Warehouses, Operational Database

		Systems and Data Warehouse (OLTP & OLAP).
	<b>08.02.2020</b>	Knowledge Discovery Process, Functionalities, Classification of Data Mining Systems, Major issues, Applications of Data Mining
	<b>09.02.2020</b>	<b>SUNDAY</b>
<b>7</b>	<b>10.02.2020</b>	
	<b>11.02.2020</b>	
	<b>12.02.2020</b>	
	<b>13.02.2020</b>	Advanced Database Applications: Active Database Concepts
	<b>14.02.2020</b>	Temporal Database Concepts, Spatial Databases, Deductive Databases.
	<b>15.02.2020</b>	Emerging Database Technologies: Mobile Databases, Multimedia Databases, Geographic Information System (GIS).
	<b>16.02.2020</b>	<b>SUNDAY</b>
<b>8</b>	<b>17.02.2020</b>	
	<b>18.02.2020</b>	
	<b>19.02.2020</b>	
	<b>20.02.2020</b>	Revision with examples
	<b>21.02.2020</b>	<b>Maha Shivratri</b>
	<b>22.02.2020</b>	Introduction to Web Databases and XML, Structure of XML Data.
	<b>23.02.2020</b>	<b>SUNDAY</b>
<b>9</b>	<b>24.02.2020</b>	
	<b>25.02.2020</b>	
	<b>26.02.2020</b>	
	<b>27.02.2020</b>	Introduction to Transaction Management: Transaction Model and Properties, Transaction Structure, Transaction Serialization and Recovery.
	<b>28.02.2020</b>	Concurrency Control – I: Lock Based Concurrency Control, Multi-phases Locking Protocols. Time Stamp Ordering, Serialization.
	<b>29.02.2020</b>	examples
	<b>01.03.2020</b>	<b>SUNDAY</b>
<b>10</b>	<b>02.03.2020</b>	
	<b>03.03.2020</b>	
	<b>04.03.2020</b>	
	<b>05.03.2020</b>	Distributed Deadlock, Structured (Top Actions, Distributed Nested) Transactions
	<b>06.03.2020</b>	PHP Strings Handling: Strings and Patterns, Matching, Extracting, Searching Replacing, Formatting, PCRE..
	<b>07.03.2020</b>	Recovery – I: Failure Analysis, Reliability and Availability, Sources of Failure
	<b>08.03.2020</b>	<b>SUNDAY</b>
<b>11</b>	<b>09.03.2020</b>	<b>HOLI VACATIONS</b>
	<b>10.03.2020</b>	
	<b>11.03.2020</b>	
	<b>12.03.2020</b>	
	<b>13.03.2020</b>	

	14.03.2020	
	15.03.2020	<b>SUNDAY</b>
12	16.03.2020	
	17.03.2020	
	18.03.2020	
	19.03.2020	Recovery Techniques: Shadow Paging and Write-ahead Logging
	20.03.2020	Revision
	21.03.2020	Memory and Storage Management (Undo, Redo and Steal/Force)
	22.03.2020	<b>SUNDAY</b>
	23.03.2020	<b>Shaheedi diwas of Bhagat Singh</b>
13	24.03.2020	
	25.03.2020	
	26.03.2020	Shared-nothing DB, Scalability of Replication
	27.03.2020	Scalability of Replication
	28.03.2020	REVISION
14	29.03.2020	<b>SUNDAY</b>
	30.03.2020	
	31.03.2020	
	01.04.2020	
	02.04.2020	Presumed Commit,
	03.04.2020	Three Phase Commit, Partitions,
	04.04.2020	Replication and Voting
	05.04.2020	<b>SUNDAY</b>
15	06.04.2020	<b>MAHAVIR JAYANTI</b>
	07.04.2020	
	08.04.2020	
	09.04.2020	Shared-nothing DB, Scalability of Replication
	10.04.2020	Scalability of Replication
	11.04.2020	REVISION
	12.04.2020	<b>SUNDAY</b>
16	13.04.2020	
	14.04.2020	<b>Dr.BR.Amedkar Jayanti</b>
	15.04.2020	

	<b>16.04.2020</b>	Revision of unit-1
	<b>17.04.2020</b>	Revision of unit-2
	<b>18.04.2020</b>	Revision of unit-3
	<b>19.04.2020</b>	<b>SUNDAY</b>
<b>17</b>	<b>20.04.2020</b>	
	<b>21.04.2020</b>	
	<b>22.04.2020</b>	
	<b>23.04.2020</b>	Revision of unit-4
	<b>24.04.2020</b>	doubts
	<b>25.04.2020</b>	<b>Parshuram Jayanti</b>
	<b>26.04.2020</b>	<b>SUNDAY</b>
	<b>27.04.2020</b>	
	<b>28.04.2020</b>	
	<b>29.04.2020</b>	
	<b>30.04.2020</b>	<b>Doubts session</b>