V.E.S. Institute of Technology, Collector Colony,
Chembur, Mumbai, Maharashtra 400047
Department of M.C.A

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Sr. No.	Contents	Date of Preparation	Date of Submission	Marks	Faculty Sign
1	To study HDFS architecture and implement Hadoop commands.	16-08-2024	23-08-2024		

2	To study functionality of Mapreduce and implement following programs using Mapreduce:
	  a. Word Count
	  b. Matrix Multiplication
		30-08-2024	02-09-2024		

3	To study MongoDB architecture and implement CRUD (Create, Read , Update, Delete) operations along with following:
	  a. Installation
	  b. Querying the Sample Database using MongoDB querying commands.
	  (Insert, query, index)
		06-09-2024	06-09-2024		

4	Implementation of Hive: Creation of Database and Table, Hive Partition, Hive Built In Function and Operators, Hive View and Index	20-09-2024	26-09-2024		

5	To create a Pig Data Model, Read and Store Data and Perform following Pig Operations:
	   a. Pig Latin Basic
	   b. Pig Data Types,
	   c. Download the data
	   d. Create your Script
	   e. Save and Execute the Script
	   f. Pig Operations
		27-09-2024	30-09-2024		

6	To run spark commands and functions.	01-10-2024	03-10-2024		
7	To install and configure Power BI for educational usage.	04-10-2024	05-10-2024		
8	To learn various Data Preprocessing activities in Power BI.	07-10-2024	07-10-2024		
9	To learn handling of tables and Queries in Power BI.	09-10-2024	14-10-2024		
10	To learn Data Visualization and dashboard creation in Power BI.	20-10-2024	21-10-2024		

Final Grade	**Instructor Signature**