

Krantiguru Shyamji Krishna Verma Kachchh University
Master of Science (Information Technology)
Semester: III

Paper Code: CCCS308	Total Credit : 4
Title of Paper: Practical Based on CCCS306	Total Marks : 70
	Time : 3 Hrs
Description	
<ol style="list-style-type: none">1. Setup & configure the Single node Hadoop Cluster on Ubuntu Machine. [Write scripts for starting and shutting down the clusters]2. Run Java MapReduce Jobs on Single node cluster, store data on HDFS. [Read flat file and do MapReduce]3. Setup & Configure Hive, HBase, Pig.4. Run MapReduce Jobs using Hive Query Language.5. Run MapReduce Jobs using Pig Scripts.6. Setup & Configure Single node Spark cluster.7. Read file, Kafka streaming/ spark streaming from Enterprise data lack, then do Spark Transformation Job, export processed data in form of JSON / CSV do data viz. With tableau.8. Predictive modeling: Regression, classification, recommender etc.9. Graph Algorithm Implementation with Spark-Graphx	

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Unit	Description		Total Marks
I	Q.1 (A) Viva – Voce	20	70
	Q.1 (B) Practical	50	