Krantiguru Shyamji Krishna Verma Kachchh University, Bhuj
Master of Science (Computer Applications & Information Technology)
Semester: IX

Paper Code: CCCS938	**Total Credit :** 4
Title of Paper: Practical Based on CCCS936	**Total Marks :** 70 **Time :** 3 Hrs

Description

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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<tr><td rowspan="2">I</td><td>Q.1 (A) Viva – Voce</td><td>20</td><td rowspan="2">70</td></tr>
<tr><td>Q.1 (B) Practical</td><td>50</td></tr>
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