

Module 1: Introduction to Big Data

Overview of Big Data

Module 2: Introduction to Hadoop

Hadoop Distributed File System
Hadoop Architecture
MapReduce & HDFS

Module 3: Hadoop Eco Systems

Introduction to Pig
Introduction to Hive
Introduction to HBase
Other eco system Map

Module 4: Hadoop System

Moving the Data into Hadoop
Moving The Data out from Hadoop
Reading and Writing the files in HDFS using java program
The Hadoop Java API for MapReduce

Module 5: MapReduce Framework

Writing Basic MapReduce Program In java
Understanding the MapReduce Internal Components
Hbase MapReduce Program
Hive Overview

- Working with Hive

Pig Overview

- Working with PigForms

Module 6: Working with Sqoop & Flume

Sqoop Overview

- Moving the Data from RDBMS to Hadoop
- Moving the Data from RDBMS to Hbase
- Moving the Data from RDBMS to Hive

Flume Overview

- Moving The Data from Web server Into Hadoop
- Real Time Example in Hadoop
- Apache Log viewer Analysis
- Market Basket Algorithms

Module 7: Monitoring The Hadoop Cluster

Monitoring Hadoop Cluster with Ganglia
Hadoop Configuration management Tool

Participant Information

Name:

I/C no.:

H/P (Mobile) no.:

Faculty:

Designation:

Organization:
