

Big Data & Hadoop Syllabus:

- About Big Data
- What comes under big data
- Benefits of Big Data
- Big Data Technologies
- Challenges for Big Data
- Traditional Approach
- Characteristic of Big Data
- Goals of Big Data
- Application of Big Data Analytics
- Types of Data Structure
- Big Data Ecosystem
- The human face of Big Data
- Architecture of Big Data
- Four major logical Component of Big Data
- Sources of Big Data
- Storage Dilemma
- Big Data Use Case
- History of Hadoop
- What is Hadoop
- Why Hadoop
- Component of Hadoop
- Map Reduce
- How does data get into Hadoop
- Map Reduce Architecture
- Example of Map Reduce
- Framework of Map Reduce
- HDFS
- Hadoop Cluster Component
- Hadoop Eco System
- Overview of MongoDB
- What is MongoDB
- Why MongoDB
- History of MongoDB
- RDBMS vs MongoDB
- About Database, Document and Collection
- Advantage of MongoDB vs RDBMS
- Installing MongoDB on Windows & Ubuntu
- CRUD operation using MongoDB
- Basics MongoDB Commands Practice
- Projection in MongoDB
- Indexing, Aggregation, Replication, Sharding
- Backup in MongoDB
- Deployment in MongoDB

Day
18/12/17

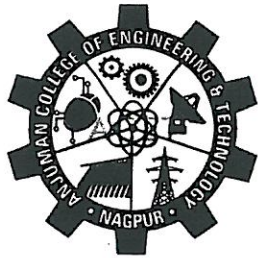
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COMPUTER SOCIETY OF INDIA

This is to certify that Mr./ Miss./ Mrs. ALI IBTESAM SYED
of IIIrd semester _____ has
ATTENDED WORKSHOP ON BIG DATA & HADOOP and is being
awarded / secured _____ position held on _____

We wish him/ her success in life.


COORDINATOR


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