



Bharati Vidyapeeth's College of Engineering, New Delhi

Department of Computer Science & Engineering

Notice

Ref no: BVCOE /ND/CSE/M/2018-19/Industrialvisit-01

Date:14.3.19

**“Three days Industrial Training cum Orientation Programme on Bigdata
/Hadoop & Data Science”**

Department of Computer Science & Engineering is organizing Industrial visit cum Orientation program for CSE 2nd year (M) students on Big Data, Hadoop & Data Science. Students are hereby informed that Industrial Visit has been scheduled on **18th March 2019** at NSIC, Okhla and 2 day training session on Data Science is scheduled on **4th & 5th April 2019** at BVCOE. **The teaching schedule on mentioned date will be remain same for those students who have not enrolled for this particular program.**

Students have to reach NSIC, Okhla at 9:30 am sharp on 18.3.19

Date: 18.3.19

Time:10 am- 5pm

Venue : NSIC, Okhla

Date : 4 & 5 April 2019

Time : 9:30-4:30

Venue : B 101

**Ms. Shilpa Gupta
Ms. Deepika Kumar
Class Advisors**

Deepika

Kirti
Dr. Kirti Gupta
HOD(CSE)
14/3/19.

CC:- Dept. website



Detail Schedule

Day:1

Bigdata/Hadoop:

1. Introduction to big data and Hadoop
2. Hadoop Architecture
3. Installing Ubuntu with Java 1.8 on VM Workstation 11
4. Hadoop Versioning and Configuration
5. Linux commands and Hadoop commands
6. Understanding Map Reduce Framework
7. Developing Map-Reduce Program using Eclipse Luna
8. HDFS Read-Write Process
9. Map-Reduce Life Cycle Method
10. Analyzing Temperature dataset using Map-Reduce

Day:2

R Programming:

1. History and overview of R
2. Install and configuration of R programming environment
3. Basic language elements and data structures
4. Data input/output
5. Control structures
6. Functions
7. Statistical simulation

Day:3

Apache Spark

1. Basics of Apache Spark
2. RDDs in Spark
3. Implementation of Spark Applications
4. Spark Parallel Processing

Note:

This training programmes will help the students to get the information about the new technology & industry exposure. After the attending these training programmes, students can get the proper direction where they want to pursue their career.

The students, who will attend the training programme, can also participate in Placement Drives of NSIC through Job Fairs.

Students get certification from NSIC for this training program