



**Sandip Foundation's
Sandip Institute of Technology and Research Centre, Nashik
Department of Computer Engineering**

Activity Report

Of

Workshop on Big Data Analytics

(10th January 2020)

**Organized by
Department of Computer Engineering
Sandip Institute of Technology and Research Centre, Nashik**



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Sandip Institute of Technology and Research Centre, Nashik
Department of Computer Engineering**

Name of Program: Workshop on Big Data Analytics

Date: 10th January 2020

Resource Person: Mr. Anand Shirsath, Arete Technology

Event Coordinator: Prof. Ankita V Karale

Participants: TE Students (Computer Department)

Venue: Computer Department, Class room (C Building)

Aim:

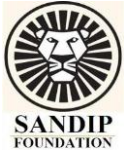
To motivate students to use modern tools for handling huge amount of data.

Objective:

- 1) It support running of applications on Big Data.
- 2) It possess a unique skill set vital for programming and coding Hadoop applications.
- 3) An effective resume objective encourages prospective employers to continue reading a resume, so it is important to develop a clear and concise statement.

Outcomes:

- 1) To understand basics of Hadoop and Big Data.
- 2) To Install and use Hadoop to manage Big Data.
- 3) Hadoop Map Reduce, HDFS, Apache Sqoop
- 4) Write Java program of pig and sqoop



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Topics covered

1. Introduction to big data

- Hadoop Architecture
- Installing Hadoop
- Single Node Hadoop installation
- Multi Node Hadoop installation
- Linux commands and Hadoop commands
- Cluster architecture and block placement
- Modes in Hadoop
- Local Mode
- Pseudo Distributed Mode
- Fully Distributed Mode
- Hadoop Daemon
- Master Daemons(Name Node, Secondary Name Node, Job Tracker)
- Slave Daemons(Job tracker, Task tracker)
- Task Instance

2. Map-Reduce technique

3. Hive Introduction & Installation



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Summary Report of workshop on Big Data Analytics

A workshop to create awareness about Big Data Analytics and to give students information about different technologies related to it and available in the market was organized by the department of Computer Engineering, Sandip Institute of Technology and Research Center, Nashik. The seminar was organized on Date: 10th January 2020. The lecture started with welcome & felicitation of Mr. Anand Shirsath from Arete Technology.

Mr. Shirsath guided students about the technology and how it is used in our day to day life. He also explained students about various trends available in the market regarding Big Data Analysis. He explained the students how Big Data Analysis makes uses of various different software's and different algorithms to simplify the data and get the required information. Block chain Technology is most secure and more demanding technology and information about different technology for the IT world. The workshop was attended by 59 students.

At the end of event students appreciated the session. Students understood the importance of could technology and its use in the current industrial scenario.

The workshop concluded with vote of thanks proposed by Prof. Ankita V Karale.

Prof. Ankita V Karale
Co-ordinator

Prof. (Dr.) Amol. D. Potgantwar
(HOD, Comp Dept.)



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Photographs:

