

Report
On
Cloudera Academic Partnership (CAP)

Cloudera – VESIT Collaboration for “**Developing with Spark and Hadoop**” training was conducted from 4th September 2018 to 24th January 2019

The schedule of the course is attached. The course span was 36 hrs including theory and lab session which was conducted by following faculty members

1. Dr. M. Vijayalakshmi (Department of Information Technology)
2. Mrs. Asha Bharambe (Department of Information Technology)
3. Mrs. Jayshree Hajgude (Department of Information Technology)
4. Mrs. Sangeeta Oswal (Department of MCA)
5. Mrs. Sujata Khedkar (Computer Engineering Department)

The course included topics on basics of Hadoop, its ecosystem, and components and MapReduce. The lab was conducted on the Virtual machine provided by Cloudera.

The course was attended by Third year students of Computers, IT and Second year MCA. The list of the students is attached.



A handwritten signature in blue ink, appearing to be "M. S.", written over a horizontal line.

Student List:

| Sr.No | Computers | IT | MCA |
|-------|--------------------|--------------------|--------------------|
| 1 | Ketaki Buwa | Anirudha Iyer | Rishabh Singh |
| 2 | Chinmay Sankhe | Megha Sahu | Adhitya Nair |
| 3 | paramvir ramola | Athul Balakrishnan | Ankur Desmukh |
| 4 | Austin Coutinho | Gaurav Sahu | Sudarshan Poojari |
| 5 | Smruti Kshirsagar | Gayatri Belapurkar | Rajas Patankar |
| 6 | Ariscia Mendes | Ujala Jha | Prajwal Jumde |
| 7 | kasturi kumbhar | Raj Madheshia | Ankita Gaonkar |
| 8 | Piyush Lund | Rajpreet Singh | Aishwarya Silwal |
| 9 | Sanyam Jain | Pranali Patil | Pratik Thorat |
| 10 | Dhaval Bagal | Shivani Jadhav | Chetan D. Patil |
| 11 | Sachin Kanjan | Vishwa Shrirame | Nikhil Gaikwad |
| 12 | Mitesh Goplani | Abhishek Rathi | Hrishikesh Acharya |
| 13 | Rishil Kirtikar | Milan Hazra | Sagar Patil |
| 14 | Hemdev Karan Vinod | - | Vishal Gupta |
| 15 | Soham Dighe | - | Vinay Pednekar |
| 16 | Naman Varyomalani | - | Swati Gayakwad |
| 17 | Pritam Kore | - | Dimple Likhar |
| 18 | Pranit Naik | - | Hemakshi Naik |
| 19 | Karan Khatwani | - | - |
| 20 | Omkar Dhavalikar | - | - |
| 21 | Stevart Lobo | - | - |
| 22 | Meenakshi Agarwal | - | - |
| 23 | Mohit Vensiyani | - | - |
| 24 | Ishma Amin | - | - |
| 25 | Pawan Chhabria | - | - |
| 26 | Aditya Mane | - | - |

“Developing with Spark and Hadoop”

Resource Persons:

1. Dr. Mrs. M. Vijayalakshmi
2. Mrs. Sujata Khedkar
3. Mrs. Sangeeta Oswal
4. Mrs. Asha Bharambe
5. Mrs Jayshree Hajgude

ODD SEM:

Schedule: Timings: 9:00 am to 10:20am (each day)

| Resource Person | Agenda | Task | Dates |
|--|--|--------------|---------------------|
| Dr. Mrs. M. Vijayalakshmi Mrs. Sujata Khedkar Mrs. Sangeeta Oswal | Introduction Motivations for Hadoop Hadoop Ecosystem | Session 1 | 4/09/2018 (SKH) |
| Dr. Mrs. M. Vijayalakshmi Mrs. Sujata khedkar Mrs. Sangeeta Oswal | Hadoop Architecture and HDFS | Session 2 | 5/09/2018 (SKH) |
| Dr. Mrs. M. Vijayalakshmi Mrs. Sujata Khedkar Mrs. Sangeeta Oswal | Introduction to Impala & Hive | Session 3 | 06/09/2018 (SKH) |
| Dr. Mrs. M. Vijayalakshmi Mrs. Sujata Khedkar Mrs. Sangeeta Oswal | Modeling and Managing Data using Hive and Impala | Session4 | 7/09/2018 (SKH) |
| Dr. Mrs. M. Vijayalakshmi Mrs. Sujata Khedkar Mrs. Sangeeta Oswal | Hadoop Architecture Continued (Yarn) | Session 5 | 8/09/2018 (SO) |
| Dr. Mrs. M. Vijayalakshmi Mrs. Sujata Khedkar Mrs. Sangeeta Oswal | Sqoop | Session 6 | 10/10/2018 (SO) |
| Dr. Mrs. M. | Data Format | Session 7 | 11/10//2018 |

| | | | |
|--|------------------------|-----------|--------------------|
| Vijayalakshmi Mrs. Sujata Khedkar Mrs. Sangeeta Oswal | | | (\$O) |
| Dr. Mrs. M. Vijayalakshmi Mrs. Sujata Khedkar Mrs. Sangeeta Oswal | Data File Partitioning | Session 8 | 12/10/2018 (SO) |

EVEN SEM:

Schedule 2: Timings: 9:00 am to 10:20am (every day)

| | | | |
|---|--|------------|-----------------------------------|
| Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata khedkar Mrs. Sangeeta Oswal Mrs. Jayshree Hajgude | Distributed Data Processing with Spark Spark Basics | Session 10 | 16/01/2018 (SO) (Wednesday) |
| Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata Khedkar Mrs. Sangeeta Oswal Mrs. Jayshree Hajgude | Working with RDDs in Spark | Session 11 | 17/01/2018 (SKH) (Thursday) |
| Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata Khedkar Mrs. Sangeeta Oswal Mrs. Jayshree Hajgude | Aggregating Data with Pair RDDs | Session 12 | 18/01/2018 (SKH) (Friday) |
| Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata Khedkar Mrs. Sangeeta Oswal Mrs. Jayshree Hajgude | Writing and Deploying Spark Applications | Session 13 | 19/01/2018 (SO) (Saturday) |
| Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata Khedkar Mrs. Sangeeta Oswal Mrs. Jayshree Hajgude | Parallel Data Processing in Spark | Session 14 | 21/01/2018 (SO) (Monday) |

| | | | |
|--|---|------------|-----------------------------------|
| Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata Khedkar Mrs. Sangeeta Oswal Mrs. Jayshree Hajgude | Spark RDD Persistence | Session 15 | 22/01/2018 (SKH) (Tuesday) |
| Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata Khedkar Mrs. Sangeeta Oswal Mrs. Jayshree Hajgude | Common Pattern in spark Data Processing | Session 16 | 23/01/2018 (JH) (Wednesday) |
| Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata Khedkar Mrs. Sangeeta Oswal Mrs. Jayshree Hajgude | Spark SQL and Data Frame | Session 17 | 24/01/2018 (JH) (Thursday) |

Project Assignment was given as follows:

1. The first assignment was given to apply k-means clustering algorithm on the given data set.
2. Kaggle competition:

<https://www.kaggle.com/c/microsoft-malware-prediction>

<https://www.kaggle.com/c/LANL-Earthquake-Prediction>

Students demonstrated the application of techniques learned through a project on following topics.

- Microsoft Malware Prediction
- Earthquake Prediction

The final exam was conducted on 4th Feb 2019.

Project evaluation was done on 13th March 2019.



Vivekanand Education Society's
INSTITUTE OF TECHNOLOGY
 Cloudera Academic Training
 for "Developing with Spark and Hadoop" Academic Year : 2018-19

Department :- Computer Engineering

List of student

Class:- D12A

Attendance Sheet

| Sr.No | Name | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date |
|-------|-------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | | 16/01/19 | 17/01/19 | 18/01/19 | 19/01/19 | 21/01/19 | 22/01/19 | 23/01/19 | 24/01/19 | 25/01/19 | 29/01/19 | 9 | 7 | 8 |
| 1 | Kelaki Buva | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB |
| 2 | Chirmay Sankhe | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB |
| 3 | paramvir ramola | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB |
| 4 | Austin Coutinho | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB |
| 5 | Smruti Kshirsagar | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB |
| 6 | Artiscia Mendes | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB |
| 7 | kasturi kumbhar | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB |
| 8 | Piyush Lund | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB |
| 9 | Sanyam Jain | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB | <i>[Signature]</i> AB |

Vivekanand Education Society's
INSTITUTE OF TECHNOLOGY
 Cloudera Academic Training

for "Developing with Spark and Hadoop" Academic Year : 2018-19

Department :- Computer Engineering

List of student

Class:- D12B

Attendance Sheet

| Sr.No | Name | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | | |
|-------|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------|------|---|----|
| | | 16/01/19 | 17/01/19 | 18/01/19 | 19/01/19 | 21/01/19 | 22/01/19 | 23/01/19 | 24/01/19 | 25/01/19 | 26/01/19 | 27/01/19 | 28/01/19 | 29/01/19 | | | | |
| 1 | Dhaval Bagal | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | 9 | 8 | 17 |
| 2 | Sachin Kanjan | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | 5 | 8 | 13 |
| 3 | Mitesh Goplani | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | 7 | 8 | 15 |
| 4 | Rishil Kirtkar | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | 0 | 8 | 8 |
| 5 | Hemdev Karan Vinod | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | 2 | 7 | 9 |
| 6 | Sham Dighe | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | 7 | 8 | 15 |
| 7 | Naman Varyomalani | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | 5 | 8 | 13 |
| 8 | Pritam Kore | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | 0 | 8 | 7 |
| 9 | Pranil Naik | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | 0 | 8 | 8 |
| 10 | Karan Khatwani | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | 2 | 8 | 10 |

Vivekanand Education Society's
INSTITUTE OF TECHNOLOGY
 Cloudera Academic Training

for "Developing with Spark and Hadoop" Academic Year : 2018-19

Department :- Computer Engineering

List of student

Class:- D12C

Attendance Sheet

| Sr.No | Name | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date |
|-------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------|------|------|------|------|------|
| 1 | Omkar Dhavalkar | 16/01/19 | 17/01/19 | 18/01/19 | 19/01/19 | 21/01/19 | 22/01/19 | 23/01/19 | 24/01/19 | 25/01/19 | 29/01/19 | 9 | 8 | 17 | | | |
| 2 | Stevent Lobo | | | | | | | | | | | | | | | | |
| 3 | Meenakshi Agarwal | | | | | | | | | | | | | | | | |
| 4 | Mohit Vensiyani | | | | | | | | | | | | | | | | |
| 5 | Ishma Amin | | | | | | | | | | | | | | | | |
| 6 | Pawan Chhabria | | | | | | | | | | | | | | | | |
| 7 | Aditya Mane | | | | | | | | | | | | | | | | |

Vivekanand Education Society's
INSTITUTE OF TECHNOLOGY
 Cloudera Academic Training

for "Developing with Spark and Hadoop" Academic Year : 2018-19

Department :- Master Of Computer Application

List of student

Class:- **MCA**

Attendance Sheet

| Sr.No | Name | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date |
|-------|-------------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | | | | | | | | | | | | | | | | |
| 1 | Rishabh Singh | AB | Rishabh | Rishabh | Rishabh | Rishabh | Rishabh | Rishabh | Rishabh | Rishabh | Rishabh | Rishabh | Rishabh | Rishabh | Rishabh | Rishabh | Rishabh | Rishabh |
| 2 | Aditya Nair | AB | Kor | Kor | AB | Kor | Kor | Kor | Kor | Kor | Kor | Kor | Kor | Kor | Kor | Kor | Kor | Kor |
| 3 | Ankur Desmukh | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB |
| 4 | Sudarshan Poojari | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB |
| 5 | Rajas Patankar | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB |
| 6 | Pravraj Junde | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB |
| 7 | Ankita Gaonkar | AB | Pranav Gaonkar | Pranav Gaonkar | Pranav Gaonkar | Pranav Gaonkar | Pranav Gaonkar | Pranav Gaonkar | Pranav Gaonkar | Pranav Gaonkar | Pranav Gaonkar | Pranav Gaonkar | Pranav Gaonkar | Pranav Gaonkar | Pranav Gaonkar | Pranav Gaonkar | Pranav Gaonkar | Pranav Gaonkar |
| 8 | Ashwarya Silwal | AB | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD |
| 9 | Pratik Thorat | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD |
| 10 | Chetan D. Patil | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD |
| 11 | Nikhil Gaikwad | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD | AD |

| Sr.No | Name | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date |
|-------|--------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | | 16/01/19 | 17/01/19 | 18/01/19 | 19/01/19 | 21/01/19 | 22/01/19 | 23/01/19 | 24/01/19 | 25/1/19 | 26/1/19 | 27 | 28 | 29 |
| 12 | Hrishikesh Acharya | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten |
| 13 | SAGAR PATIL | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten |
| 14 | Vishal Gupta | Handwritten | AB | AB | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten |
| 15 | Vinay Pednekar | Handwritten | Handwritten | Handwritten | AB | AB | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten |
| 16 | Swati Gayakwad | Swati | Swati | AB | Swati | Swati | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten |
| 17 | Dimple Likhar | Handwritten | Handwritten | Handwritten | AD | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten |
| 18 | Hemakshi Naik | Handwritten | Handwritten | AD | AD | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten |

Vivekanand Education Society's
INSTITUTE OF TECHNOLOGY
 Cloudera Academic Training
 for "Developing with Spark and Hadoop"
 Academic Year : 2018-19

Department :- Information Technology

List of student

Class:- D15

Attendance Sheet

| Sr.No | Name | List of student | | | | | | | | | | | | | Attendance Sheet | | |
|-------|--------------------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------|------|------|------------------|------|------|
| | | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date |
| 1 | Anirudha Iyer | 16/01/19 | 17/01/19 | 18/01/19 | 19/01/19 | 21/01/19 | 22/01/19 | 23/01/19 | 24/01/19 | 25/01/19 | 29/11/19 | | | | | | |
| 2 | Megha Sahu | A | R | AB | AD | R | | R | R | AD | R | | | | | | |
| 3 | Athul Balakrishnan | | | AB | AD | | | | | | | | | | | | |
| 4 | Gaurav Sahu | | | | AD | | | | | | | | | | | | |
| 5 | Gayatri Balapurkar | | | | AD | | | | | | | | | | | | |
| 6 | Ujala Jha | | | | AD | | | | | | | | | | | | |
| 7 | Raj Madheshia | | | | AD | | | | | | | | | | | | |
| 8 | Rajivreet Singh | AB | AD | AD | AD | AD | | | | | | | | | | | |
| 9 | Pranali Patil | | | | AD | | | | | | | | | | | | |
| 10 | Shivani Jadhav | | | | AD | | | | | | | | | | | | |
| 11 | Vishwa Shrirame | | | | AD | | | | | | | | | | | | |
| 12 | Abhishek Rathi | | | | AD | | | | | | | | | | | | |
| 13 | Milani Hazra | | | | AD | | | | | | | | | | | | |

Vivekanand Education Society's
INSTITUTE OF TECHNOLOGY
 Cloudera Academic Training

for "Developing with Spark and Hadoop" Academic Year : 2018-19

Department :- Computer Engineering

List of student

Class:- D12A

Attendance Sheet

| Sr.No | Name | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date |
|-------|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------|------|------|------|------|
| 1 | Ketaki Buwa | 04/09/2018 | 05/09/2018 | 06/09/2018 | 07/09/2018 | 10/09/2018 | 11/10/2018 | 12/10/2018 | 19/10/2018 | 18/10/2018 | | | | | |
| 2 | Chinmay Sankhe | | | | | | | | | | | | | | |
| 3 | paramvir ramola | | | | | | | | | | | | | | |
| 4 | Austin Coutinho | | | | | | | | | | | | | | |
| 5 | Smruti Kshirsagar | | | | | | | | | | | | | | |
| 6 | Anscia Mendes | | | | | | | | | | | | | | |
| 7 | kasturi kumbhar | | | | | | | | | | | | | | |
| 8 | Piyush Lund | | | | | | | | | | | | | | |
| 9 | Sanyam Jain | | | | | | | | | | | | | | |

Vivekanand Education Society's
 INSTITUTE OF TECHNOLOGY
 Cloudera Academic Training
 for "Developing with Spark and Hadoop" Academic Year : 2018-19

Department :- Computer Engineering

List of student

Class:- D12B

Attendance Sheet

| Sr.No | Name | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date |
|-------|--------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------|------|------|------|------|
| 1 | Dhaval Bagai | 04/09/2018 | 05/09/2018 | 06/09/2018 | 07/09/2018 | 08/09/2018 | 11/10/2018 | 12/10/2018 | 19/10/2018 | 18/10/2018 | | | | | |
| 2 | Sachin Kanjan | | | | | | | | | | | | | | |
| 3 | Mitesh Goplani | | | | | | | | | | | | | | |
| 4 | Rishil Kirtkar | | | | | | | | | | | | | | |
| 5 | Hemdev Karan Vinod | | | | | | | | | | | | | | |
| 6 | Soham Dighe | | | | | | | | | | | | | | |
| 7 | Naman Vayomalani | | | | | | | | | | | | | | |
| 8 | Priyam Kore | | | | | | | | | | | | | | |
| 9 | Prant Naik | | | | | | | | | | | | | | |
| 10 | Karan Khatwani | | | | | | | | | | | | | | |

Vivekanand Education Society's
INSTITUTE OF TECHNOLOGY
 Cloudera Academic Training
 for "Developing with Spark and Hadoop" Academic Year : 2018-19

Department :- Computer Engineering

List of student

Class:- D12C

Attendance Sheet

| Sr.No | Name | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date |
|-------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|------------|------------|------------|------------|------------|
| | | 04/09/2018 | 05/09/2018 | 06/09/2018 | 07/09/2018 | 10/09/2018 | 11/10/2018 | 12/10/2018 | 13/10/2018 | 14/10/2018 | 15/10/2018 | 16/10/2018 | 17/10/2018 | 18/10/2018 |
| 1 | Omkar Dhavalikar | O.S.D | O.S.D | O.S.D | O.S.D | O.S.D | O.S.D | O.S.D | AA | AA | AA | AA | AA | AA |
| 2 | Stevent Lobo | [Signature] | [Signature] | [Signature] | [Signature] | [Signature] | [Signature] | [Signature] | AA | AA | AA | AA | AA | AA |
| 3 | Meenakshi Agarwal | M | [Signature] | [Signature] | [Signature] | [Signature] | [Signature] | [Signature] | AA | AA | AA | AA | AA | AA |
| 4 | Mohit Vensiyani | [Signature] | [Signature] | [Signature] | [Signature] | [Signature] | [Signature] | [Signature] | AA | AA | AA | AA | AA | AA |
| 5 | Ishma Amin | [Signature] | [Signature] | [Signature] | [Signature] | [Signature] | [Signature] | [Signature] | AA | AA | AA | AA | AA | AA |
| 6 | Pawan Chhabria | [Signature] | [Signature] | [Signature] | [Signature] | [Signature] | [Signature] | [Signature] | AA | AA | AA | AA | AA | AA |
| 7 | Aditya Mane | [Signature] | [Signature] | [Signature] | [Signature] | [Signature] | [Signature] | [Signature] | AA | AA | AA | AA | AA | AA |

Vivekanand Education Society's
INSTITUTE OF TECHNOLOGY
 Cloudera Academic Training
 for "Developing with Spark and Hadoop" Academic Year : 2018-19

Department :- Information Technology

List of student

Class:- D15

Attendance Sheet

| Sr.No | Name | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date |
|-------|--------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------|------|------|------|------|
| 1 | Anirudha Iyer | 04/09/2018 | 05/09/2018 | 06/09/2018 | 07/09/2018 | 10/09/2018 | 10/10/2018 | 12/10/2018 | 19/10/2018 | 18/10/2018 | | | | | |
| 2 | Megha Sahu | | | | | | | | | | | | | | |
| 3 | Athul Balakrishnan | | | | | | | | | | | | | | |
| 4 | Gaurav Sahu | | | | | | | | | | | | | | |
| 5 | Gayatri Belapurkar | | | | | | | | | | | | | | |
| 6 | Ujala Jha | | | | | | | | | | | | | | |
| 7 | Raj Madheshia | | | | | | | | | | | | | | |
| 8 | Rajpreet Singh | | | | | | | | | | | | | | |
| 9 | Pranali Patil | | | | | | | | | | | | | | |
| 10 | Shivani Jadhav | | | | | | | | | | | | | | |
| 11 | Vishva Shrirame | | | | | | | | | | | | | | |
| 12 | Abhishek Rathi | | | | | | | | | | | | | | |
| 13 | Milani Hazra | | | | | | | | | | | | | | |

HINDIA
Cloudera Academic Training
for "Developing with Spark and Hadoop" Academic Year : 2018-19

Department :- Master Of Computer Application

List of student

Class:-

Attendance Sheet

| Sr.No | Name | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date |
|-------|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------|------|------|------|------|
| | | 04/09/2018 | 05/09/2018 | 06/09/2018 | 07/09/2018 | 08/09/2018 | 14/10/2018 | 12/10/2018 | 19/10/2018 | 18/10/2018 | | | | | |
| 1 | Rishabh Singh | Rishabh | Rishabh | Rishabh | Rishabh | Rishabh | Rishabh | Rishabh | Rishabh | AA | | | | | |
| 2 | Aditya Nair | ADN | ADN | ADN | ADN | ADN | ADN | ADN | ADN | ADN | | | | | |
| 3 | Ankur Desmukh | AD | AD | AD | AD | AD | AD | AD | AD | AD | | | | | |
| 4 | Sudarshan Poojari | SP | SP | SP | SP | SP | SP | SP | SP | SP | | | | | |
| 5 | Rajas Patankar | RP | RP | RP | RP | RP | RP | RP | RP | RP | | | | | |
| 6 | Prajwal Jumdde | PJ | PJ | PJ | PJ | PJ | PJ | PJ | PJ | PJ | | | | | |
| 7 | Ankita Gaonkar | AG | AG | AG | AG | AG | AG | AG | AG | AG | | | | | |
| 8 | Aishwarya Silwal | AS | AS | AS | AS | AS | AS | AS | AS | AS | | | | | |
| 9 | Pratik Thorat | PT | PT | PT | PT | PT | PT | PT | PT | PT | | | | | |
| 10 | Chetan D. Patil | CDP | CDP | CDP | CDP | CDP | CDP | CDP | CDP | CDP | | | | | |
| 11 | Nikhil Gaikwad | NG | NG | NG | NG | NG | NG | NG | NG | NG | | | | | |

| Sr.No | Name | Date | Date | Date | Date | Date | Date | Date | Date | Date |
|-------|--------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| 12 | Hrishikesh Acharya | 04/09/2018 | 05/09/2018 | 06/09/2018 | 07/09/2018 | 10/09/2018 | 11/10/2018 | 12/10/2018 | 13/10/2018 | 16/10/2018 |
| 13 | SAGAR PATIL | Patil Sagar | Patil Sagar | Patil Sagar | Patil Sagar | Patil Sagar | Patil Sagar | Patil Sagar | Patil Sagar | Patil Sagar |
| 14 | Vishal Gupta | Vishal Vishal | Vishal Vishal | Vishal Vishal | Vishal Vishal | Vishal Vishal | Vishal Vishal | Vishal Vishal | Vishal Vishal | Vishal Vishal |
| 15 | Vinay Pednekar | AA | Pednekar Vinay | Pednekar Vinay | Pednekar Vinay | Pednekar Vinay | Pednekar Vinay | Pednekar Vinay | Pednekar Vinay | Pednekar Vinay |
| 16 | Swati Gayakwad | Swati Swati | Swati Swati | Swati Swati | Swati Swati | Swati Swati | Swati Swati | Swati Swati | Swati Swati | Swati Swati |
| 17 | Dimple Likhari | Dimple Dimple | Dimple Dimple | Dimple Dimple | Dimple Dimple | Dimple Dimple | Dimple Dimple | Dimple Dimple | Dimple Dimple | Dimple Dimple |
| 18 | Hemakshi Naik | Hemakshi Hemakshi | Hemakshi Hemakshi | Hemakshi Hemakshi | Hemakshi Hemakshi | Hemakshi Hemakshi | Hemakshi Hemakshi | Hemakshi Hemakshi | Hemakshi Hemakshi | Hemakshi Hemakshi |