



**Dempo Charities Trust's  
DHEMPE COLLEGE OF ARTS & SCIENCE  
Miramar, Panaji-Goa**

**Hadoop**

**[2 Credits 30 hours]**

**Course Objective:**

The course is intended to prepare the students for analysis of big data using Hadoop Distributed File System

**Learning Outcome:**

The students will be able to analyse big data using Hadoop Distributed File System.

**Course Contents**

1. Big data : What is Big Data? ,Human Generated Data and Machine Generated Data ,Where does Big Data come from ,Examples of Big Data in the Real world ,Challenges of Big Data, Taming Big Data(5)
2. Hadoop and Big Data : How Hadoop solves the Big Data problem ,Business Case for Hadoop, Hadoop for Executives, Hadoop for Developers (5),.
3. Soft Introduction to Hadoop: Hadoop = HDFS + Map Reduce ,Why Hadoop? ,Meet the Hadoop Zoo, Hadoop alternatives ,Alternatives for distributed massive tions ,Arguments for Hadoop(6)
4. Hadoop Distributed File System (HDFS) -- Introduction ,HDFS Concepts ,HDFS Architecture ,Introduction To MapReduce ,How I failed at designing distributed processing ,(4)
5. MapReduce : How MapReduce really does it ,Understanding Mappers and Reducers ,Who invented this? ,The benefits of MapReduce programming ,(5)
6. Hadoop Use Cases and Case Studies ,Politics ,Data Storage , Financial Services ,(5)

**Reference:**

1. Tom White, Hadoop the definitive guide

*Blaw*  
*Ms Shilpa Nark*

**SHORT TERM COURSE ATTENDANCE SHEET**

Name of the Course : Hadoop

Topic : Hadoop

Class :- S.Y.B.Sc.

Batch :- 2017-18

Lecture No.	1	2	3	4	5	6	7	8	9	10
Date:-	18/8/18	19/8/18	21/8/18	29/8/18	8/9/18	25/9/18	22/9/18	29/9/18	6/10/18	13/10/18
Time:-	2:00-4:00	2:00-4:00	2:00-4:00	2:00-4:00	2:00-4:00	2:00-4:00	2:00-4:00	2:00-4:00	2:00-4:00	2:00-4:00
Roll no.	Name of Student									
16221	AARON PIRES									
16223	Arney Rhohe									
16225	Savita Charan									
16226	Prarthana Durbhakar									
16232	Nehal Parvhar									
16234	Riya Naik									
16236	Sairav Harimalkar									
16237	Siddhant Bhattachajee									
16240	Terani Fernando									
16241	Rhidhi Ghoshal									
16242	Bhakti Naik									
16244	Rochelle Martins									
16245	Christina Morathe									

Name & Signature of the Teacher : Teja Kundakar

HOD : Ms. Shilpa Naik  
 Incharge Comp Sci





Dempo Charities Trust  
**Dhempe College of Arts & Science**

Miramar - Goa.

Academic Year : 2017 - 18

**SHORT TERM COURSE ATTENDANCE SHEET**

Name of the Course : Hadoop


Class :- SYBSc


Topic : Hadoop

Batch : 2017-18

Lecture No.	11	12	13	14	15	16	17	18	19	20
Date:-	5/1/2018	19/1/2018	23/1/2018	30/1/18	6/2/18	16/2/18	23/2/18	3/3/18	16/3/2018	23/3/2018
Time:-	2:30-4:00	2:50-4:00	2:00-4:00	2:00 to 4:00	2:00 to 4:00	2:00 to 4:00	2:00 to 4:00	2:00 to 4:00	2:00 to 4:00	2:00 to 4:00
Roll no.	Name of Student									
16221	Ananya Pirois									
16223	Amey Bhoje									
16225	Savita Charan									
16226	Prarthana Durbhake									
16232	Nehal Panicker									
16234	Rufa Naik									
16235	Sairaj Humalkar									
16237	Siddhant Bhaskarraj									
16240	Francis Fernandes									
16241	Rishikha Gharekar									
16242	Bhakti Naik									
16244	Roshika Mante									
16245	Chetana Masodkar									

Name & Signature of the Teacher

 (Teja Kundlikar)

HOD   
 Ms Shilpa Naik  
 Incharge Comp Sci



# Dhempe College of Arts & Science

Miramar - Goa.

Academic Year : 2017 - 18

## SHORT TERM COURSE ATTENDANCE SHEET

Name of the Course :

Class :-

Topic : \_\_\_\_\_

Batch:- \_\_\_\_\_

	Lecture No.	1	2	3	14	15	16	17	18	19	20
	Date:-	5/1/18	19/1/2018	23/1/18	3/2/18	9/2/18	16/2/18	23/2/18	9/3/18	16/3/18	23/3/18
	Time:-	2:00 to 4:00	2:00 to 4:00	2:00 to 4:00	2:00 to 4:00	2:00 to 4:00	2:00 to 4:00	2:00 to 4:00	2:00 to 4:00	2:00 to 4:00	2:00 to 4:00
Roll no.	Name of Student										
16246	Omkar Nadkarni	Omkar	Omkar	Omkar	Omkar	Omkar	Omkar	Omkar	Omkar	Omkar	Omkar
16248	Sawani Afzulpuskar	Sawani A	Sawani A	Sawani A	Sawani A	Sawani A	Sawani A	Sawani A	Sawani A	Sawani A	Sawani A
16251	Shesveri Jai Krishna	Shes	Shes	Shes	Shes	Shes	Shes	Shes	Shes	Shes	Shes

Name & Signature of the Teacher Prof (Teja Kundakar)

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HOD Prof Ms Shilpa Naik  
 Incharge comp sci

IV. Name of the Course: **Hadoop**

No. of students: **17**

Fees: **Rs.1000/-**

Resource Person: **Ms Teja Kundaikar**

Co-ordinator: **Ms Teja Kundaikar**

Duration: (Dates) From **4/12/2017 to 28/02/2018 (40 contact hours)**

Attendance Record: Maintained/Not Maintained **Maintained**

Certificates: Issued/Not issued **Not Issued**

Bills: Settled/Not settled **Not settled**

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V. Name of the Course: **C Programming**

No. of students: **16**

Fees: **Rs.1000/-**

Resource Person: **Ms Lavina De Silva**

Co-ordinator: **Mrs. Annie Rajan**

Duration: (Dates) From **20/7/2017 to 18/11/2017 (20 contact hours)**

Attendance Record: Maintained/Not Maintained **Maintained**

Certificates: Issued/Not issued **Issued**

Bills: Settled/Not settled **settled**

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VI. Name of the Course: **C Programming**

No. of students: **10**

Fees: **Rs.1000/-**

Resource Person: **Ms Lavina De Silva**

Co-ordinator: **Mrs. Annie Rajan**

Duration: (Dates) From **12/8/2017 to 17/11/2017 (20 contact hours)**

Attendance Record: Maintained/Not Maintained **Maintained**

Certificates: Issued/Not issued **Issued**

Bills: Settled/Not settled **settled**

*Handwritten:*  
5/11/18  
Ms Shilpa Naik  
Incharge, Comp Sci.