

**ST. ANN'S COLLEGE OF ENGINEERING & TECHNOLOGY : CHIRALA**  
**DEPARTMENT OF COMPUTERS SCIENCE & ENGINEERING**  
**LAB SCHEDULE**

Name of the Lecturer: **I. BALA VENKATESWARLU**

Batch: **I**

Subject: **HADOOP ND BIG DATA LAB**

Year & Sem/Section: **IV-I Sem 'A'**

No. of Lab hours per week: **3**

Academic Year: **2018-19**

S.NO	DATE	EXPERIMENT
1	11-06-2018	Introduction
2	18-06-2018	1. Implement the following Data structures in Java a) Linked Lists b) Stacks c) Queues d) Set e) Map
3	25-06-2018	
4	09-07-2018	2. Perform setting up and Installing Hadoop in its three operating modes: Standalone, Pseudo distributed, Fully distributed (ii) Use web based tools to monitor your Hadoop setup
5	16-07-2018	
6	23-07-2018	3. Implement the following file management tasks in Hadoop: <ul style="list-style-type: none"> <li>• Adding files and directories</li> <li>• Retrieving files</li> <li>• Deleting files</li> </ul>
7	30-07-2018	4. Run a basic Word Count Map Reduce program to understand Map Reduce Paradigm.
8	<b>06-08-2018</b>	5. Write a Map Reduce program that mines weather data.
9	13-08-2018	Revision
10	20-08-2018	6. Implement Matrix Multiplication with Hadoop Map Reduce
11	27-08-2018	7. Install and Run Pig then write Pig Latin scripts to sort, group, join, project, and filter your data.
12	10-09-2018	
13	17-09-2018	8. Install and Run Hive then use Hive to create, alter, and drop databases, tables, views, functions, and indexes
14	24-09-2018	
15	01-10-2018	INTERNAL LAB EXAM
16	<b>08-10-2018</b>	REVISION

**FACULTY MEMBER**

**HEAD OF THE DEPARTMENT**

**ST. ANN'S COLLEGE OF ENGINEERING & TECHNOLOGY : CHIRALA**  
**DEPARTMENT OF COMPUTERSCIENCE & ENGINEERING**  
**LAB SCHEDULE**

Name of the Lecturer: **I. BALA VENKATESWARLU**

Batch: **II**

Subject: **HADOOP ND BIG DATA LAB**

Year &Sem/Section: **IV-I Sem 'A'**

No. of Lab hours per week: **3**

Academic Year: **2018-19**

S.NO	DATE	EXPERIMENT
1	22-06-2018	Introduction
2	29-06-2018	1.Implement the following Data structures in Java a)Linked Lists b) Stacks c) Queues d) Set e) Map
3	02-07-2018	
4	06-07-2018	2.Perform setting up and Installing Hadoop in its three operating modes: Standalone, Pseudo distributed, Fully distributed (ii)Use web based tools to monitor your Hadoop setup
5	13-07-2018	
6	20-07-2018	3.Implement the following file management tasks in Hadoop: <ul style="list-style-type: none"> <li>• Adding files and directories</li> <li>• Retrieving files</li> <li>• Deleting files</li> </ul>
7	27-07-2018	4. Run a basic Word Count Map Reduce program to understand Map Reduce Paradigm.
8	03-08-2018	5. Write a Map Reduce program that mines weather data.
9	<b>10-08-2018</b>	Revision
10	17-08-2018	6.Implement Matrix Multiplication with Hadoop Map Reduce
11	24-08-2018	7. Install and Run Pig then write Pig Latin scripts to sort, group, join, project, and filter your data.
12	31-08-2018	
13	07-09-2018	8. Install and Run Hive then use Hive to create, alter, and drop databases, tables, views, functions, and indexes
14	28-09-2018	
15	05-10-2018	INTERNAL LAB EXAM
16	<b>12-10-2018</b>	Revision

**FACULTY MEMBER**

**HEAD OF THE DEPARTMENT**