

**B.L.D.E.A's**  
**S.B Arts & K.C.P Science College, Vijayapur.**

REACCREDITED AT THE 'A' LEVEL BY NAAC

**BCA Programme**

**2019-20**

**Report On One Day Workshop**

**Topic**  
**"HADOOP"**

**Resource Person**  
**Dr. Guruprasad M.S**

**For BCA**  
**VI SEM Students**

**Date: 29-09-2019**

**Time: 10am to 5pm**

The Workshop was organized by BLDEA's S B Arts and K C P Science College, vijayapur BCA Department topic was "HADOOP Technology" on 29<sup>th</sup> September 2019 at 10:00am in Seminar hall.

The workshop was started with the inauguration function by Principal Dr. A S Pujar, IQAC Coordinator Dr. U S Pujer and BCA Coordinator Prof.(Smt) S D Patil. The workshop was jointly organised with Tech fortune pvt ltd and the programme resource person was Mr. Guruprasad M.S, Sagar Shety with his team.

The workshop initial started with technical presentation about the Hadoop with the its evolution and basic concepts

### **What is Hadoop?**

Hadoop is an open source software programming framework for storing a large amount of data and performing the computation. Its framework is based on Java programming with some native code in C and shell scripts.

### **Some common frameworks of Hadoop:**

1. Hive- It uses Hive l for data structuring and for writing complicated Map Reduce in HDFS.
2. Drill- It consists of user-defined functions and is used for data exploration.
3. Storm- It allows real-time processing and streaming of data.
4. Spark- It contains a Machine Learning Library (MLlib) for providing enhanced machine learning and is widely used for data processing. It also supports Java, Python, and Scala.
5. Pig- It has Pig Latin, a SQL-Like language and performs data transformation of unstructured data.
6. Tez- It reduces the complexities of Hive and Pig and helps in the running of their codes faster.

### **Advantages and Disadvantages of Hadoop**

#### **Advantages:**

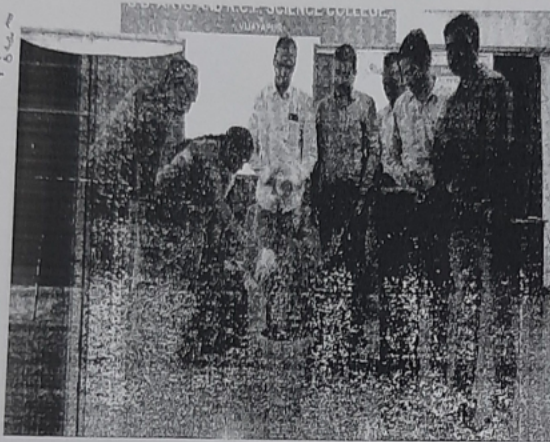
- Ability to store a large amount of data.
- High flexibility.
- Cost effective.
- High computational power.
- Tasks are independent.
- Linear scaling.

**Disadvantages:**

- Not very effective for small data.
- Hard cluster management.
- Has a stability issue.
- Security concerns.

The total workshop session was from 10:00am to 5:00pm and 23 Students were taken participation and finally issued certificate of participation.

**Photos**



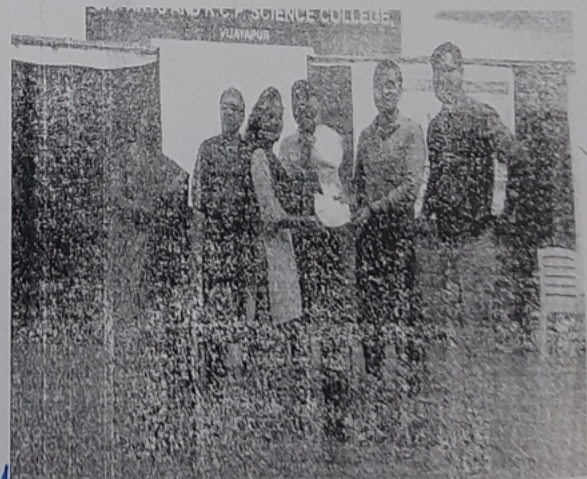
Work shop Inaugurated by Principal Dr. A S pujar



Key Note Address by Prof. (Smt) S D Patil



Technical Presentation by Mr. Guruprasad M S



Certificate for participants

**IQAC, Co-ordinator**  
S.B.Arts & K.C.P.Science College,  
Vijayapur.

**Principal,**  
S.B. Arts and KCP Science College  
VIJAYAPUR

Sl.No	Reg.No	Name of the Student	Sign
1	M1418001	Ajeetkumar S. Patil	
2	M1418002	Anil Kumar Biradar	<i>[Signature]</i>
3	M1418003	Apeksha Miraji	
4	M1418004	Ashoda Chavan	A.B. Chavan.
5	M1418005	Basavraj M Jugati	
6	M1418006	Biradar Kamala Hanamant	<i>[Signature]</i>
7	M1418007	Irappa B. Nagamoti	
8	M1418008	Ismail Khan	<i>[Signature]</i>
9	M1418009	Kannure S.Sonali	<i>[Signature]</i>
10	M1418010	Katti Shivaleele Ramu	
11	M1418011	Kirankumar Nyamagoud	
12	M1418012	Mali Preeti	<i>[Signature]</i>
13	M1418013	Mallikarjun Boragi	
14	M1418014	Mallikarjun Nandagond	
15	M1418015	Mallikarjun Metri	
16	M1418016	Mangala Biradar	M.S.B. Biradar
17	M1418017	Mutturaj Devangaon	
18	M1418018	Naveedabanu Kejji	
19	M1418019	Naveen Shirur	<i>[Signature]</i>
20	M1418020	Pavitra Shivoor	R.R. Shivoor
21	M1418021	Rahul	<i>[Signature]</i>
22	M1418022	Rajalaxmi Valke	<i>[Signature]</i>
23	M1418023	Ramesh Patil	
24	M1418024	Riyajahmad Mujawar	<i>[Signature]</i>
25	M1418025	Sachitra Kenganal	
26	M1418026	Sangamesh Alur	
27	M1418027	Sangamesh Mamadapur	
28	M1418028	Satyamedha Hosur	<i>[Signature]</i>
29	M1418029	Satyavati Devakati	S.A. Devakati
30	M1418030	Shivamurti Hiremath	
31	M1418031	Shreeshaila Bisirotti	
32	M1418032	Spoorti Jainpur	<i>[Signature]</i>
33	M1418033	Sudharani Uppin	S.S. Uppin
34	M1418034	Swapana Nawadi	
35	M1418035	Umarfarook Satarkar	<i>[Signature]</i>
36	M1418037	Vinaykumar Dalal	
37	M1418038	Vinod Khanapur	