

(NAAC Accredited, Approved by AICTE-New Delhi, Government of Maharashtra, DTE, MSBTE, Mumbai and Affiliated to Sant Gadge Baba Amravati University) Website - <u>www.coemalkapur.ac.in</u> Email:- <u>coemalkapur@rediffmail.com</u>

Summary Report

National Level One Week Short Term Training Program

On

"Big data with Hadoop" In association with

IQAC Sant Gadge Baba Amravati University,

ISTE Local Chapter, VBKCOE, Malkapur

The Institution of Engineers (India) (IEI) Aurangabad Local Center,

Under the Association of Computer Science and Engineering (ACSE)

Date: 21th to 25th Feb 2023

Department of Computer Science and Engineering of Padm. Dr. V. B. Kolte College of Engineering, Malkapur (VBKCOE) conducted **National Level One Week Short Term Training Program On "Big data with Hadoop"** In association with IQAC Sant Gadge Baba Amravati University, ISTE Local Chapter, VBKCOE, Malkapur, The Institution of Engineers (India) (IEI) Aurangabad Local Center, Under the Association of Computer Science and Engineering (ACSE) from 21th to 25th Feb 2023. We conducted this FDP programme which enriches the knowledge of faculties, research scholar, PG and UG students.

The number of faculties, research scholar, and PG students were participated for this FDP from various disciplines, and states from India. Total 238 participants joining the session.

Programme	Department of Computer Science and Engineering		
Title of course	Short Term Training Program On "Big data with Hadoop"		
Scheduled Date	21th to 25th Feb 2023		
Programme Convener	Dr. A. W. Kharche		
	Padm. Dr. V. B. Kolte College of Engineering Malkapur Dist-Buldhana		
	(Maharashtra)		
Head of Department	Prof. S.L. Farpat		
Programme coordinator	Prof. H. S. Deshpande		
	Prof. G. V. Patil		



(NAAC Accredited, Approved by AICTE-New Delhi, Government of Maharashtra, DTE, MSBTE, Mumbai and Affiliated to Sant Gadge Baba Amravati University) Website - www.coemalkapur.ac.in Email:- coemalkapur@rediffmail.com

Technical Committee	Dr. P. A. Kharat (Associate Professor)
	Prof. A. D. Bhople (Assistant Professor)
	Prof. M. U. Karande (Assistant Professor)
	Prof. Y. B. Jadhao (Assistant Professor)
	Prof. S. G. Bonde (Assistant Professor)

Objectives of STTP:

- To introduce participants to the basic concepts and techniques of Big Data.
- To develop skills of using recent technologies for solving practical problems.
- To gain experience of doing independent study and research.

Content of STTP

- Overview of Big data
- Big Data Overview & its applications
- Data Visualization in Big data
- IoT and Big data
- Hadoop, HDFS, Types of Big data
- Hands on running word count on single node cluster of Hadoop

The STTP helps create awareness and deeper understanding of recent technology such as Big Data, Big Data with Hadoop among the faculties and researchers working in various disciplines of engineering and sciences. It also helps the participants to understand and apply these technologies through several case studies and real-life examples. It provide opportunities to faculty members, research scholars and post graduate students to enhance their knowledge in research.

Details of Speaker

Sr. No.	Name of Speaker	Designation	Organization
1.	Dr. Pradeep M. Jawandhiya	Principal	Pankaj Laddhad Institute of
			Technology & Management Studies,
			Buldhana
2.	Dr. Satish Jadhao	Assistant Professor	B. N. College of Engineering,
			Pusad
3.	Prof. Ms. Mayuri Kulkarni	Assistant Professor	SVKM's Institute of Technology,
			Dhule
4.	Mr. Yogesh P. Murumkar	CEO & Cooperate	Bharat Soft Solutions, Pune
		Trainer	
5.	Prof. S. S. Agrawal	Assistant Professor	College of Engineering &
			Technology, Akola

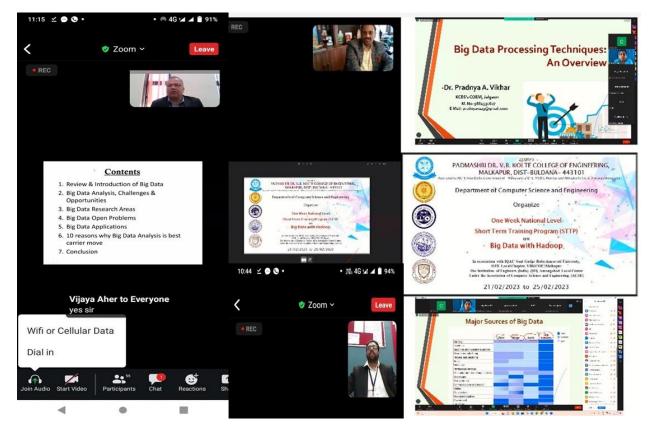


(NAAC Accredited, Approved by AICTE-New Delhi, Government of Maharashtra, DTE, MSBTE, Mumbai and Affiliated to Sant Gadge Baba Amravati University) Website - <u>www.coemalkapur.ac.in</u> Email:- <u>coemalkapur@rediffmail.com</u>

6.	Dr. Nitin S. More	Associate Professor	MIT School of Engineering, MIT	
			ADT University, Pune	
7.	Dr. P. A. Vikhar	Associate Professor	KCE College of Engineering,	
			Jalgaon	

Inauguration:

Prof. G. V. Patil, Asst. Professor, Computer Science and Engineering Department welcome to all participants, explaining objectives of STTP and given brief introduction of speaker about their professional experience. Dr. Y. A. Kharche, Dean Administration, shared views regarding this STTP and congratulated to organizing team.





(NAAC Accredited, Approved by AICTE-New Delhi, Government of Maharashtra, DTE, MSBTE, Mumbai and Affiliated to Sant Gadge Baba Amravati University)

Website - www.coemalkapur.ac.in Email:- coemalkapur@rediffmail.com

Detail Schedule of STTP

Date	Code	Time	Topics	Name of Speaker	Designation	
				Day 1		
	Inauguration Session					
21 Feb 2023	1A	11.00 to 12.30 pm	Overview of Big data	Dr. Pradeep M. Jawandhiya	Principal, Pankaj Laddhac Institute of Technology & Management Studies, Buldhana	
	1 B	01:00 to 2:30 pm	Big data Processing tools an overview	Dr. P. A. Vikhar	Assistant Professor, KCE College of Engineering, Jalgaon	
	1C	02:30 to 03:30 pm	Assignment and Feedback	-	-	
				Day 2		
22 Feb 2023	2A	11.00 to 12.30 pm	Data Visualization in Big data	Dr. Satish Jadhao	Assistant Professor B. N. College of Engineering, Pusad	
	2B	01:00 to 2:30 pm	IoT and Big data	Prof. Ms. Mayuri Kulkarni	Assistant Professor SVKM's Institute of Technology, Dhule	
	2C	02:30 to 03:30 pm	Assignment and Feedback	-	-	
	Day 3					
23 Feb 2023	3A	11.00 to 12.30 pm	Hadoop, HDFS, Types of Big data	Mr. Yogesh P. Murumkar	CEO & Cooperate Trainer Bharat Soft Solutions, Pune	
	3B	01:00 to 2:30 pm	Hands on running word count on single node cluster of Hadoop	Mr. Yogesh P. Murumkar	CEO & Cooperate Trainer Bharat Soft Solutions , Pune	
	3C	02:30 to 03:30 pm	Assignment and Feedback	-	-	
				Day 4		
24 Feb 2023	4A	11.00 to 12.30 pm	Big data and its Applications	Prof. S. S. Agrawal	Assistant Professor , College of Engineering & Technology , Akola	
	4B	01:00 to 2:30 pm	Big data and its Applications	Prof. S. S. Agrawal	Assistant Professor, College of Engineering & Technology, Akola	
	4C	02:30 to 03:30 pm	Assignment and Feedback	-	-	



(NAAC Accredited, Approved by AICTE-New Delhi, Government of Maharashtra, DTE, MSBTE, Mumbai and Affiliated to Sant Gadge Baba Amravati University)

Website - www.coemalkapur.ac.in Email:- coemalkapur@rediffmail.com

	Day 5				
	5A	11.00 to 12.30 pm	Inside of Big Data and Hadoop as per Industry Prospective	Dr. Nitin S. More	Associate Professor , MIT School of Engineering , MIT ADT University , Pune
25 Feb 2023	5B	01:00 to 2:30 pm	Hadoop Hands-on	Dr. Nitin S. More	Associate Professor, MIT School of Engineering , MIT ADT University, Pune
	5C	12:30 to 01:00 pm	Assignment and Feedback	-	-
		01:00 to 01 :30 pm	Valedictory Session		

Number of participants Registered: 238

Outcomes of STTP:

- Participants familiar with new technology like Big Data ,Hadoop
- Researchers get more clear idea about innovation.
- Research scholars and post graduate student's knowledge is upgraded with new area for research and development.
- Enhancement in academic excellence

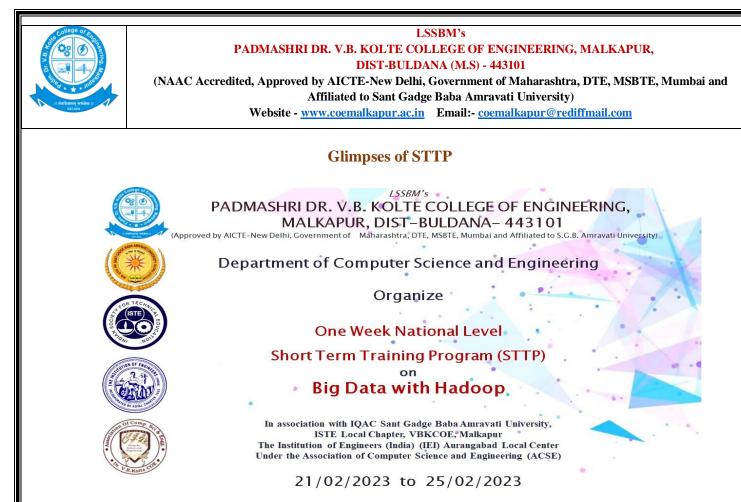
Valedictory:

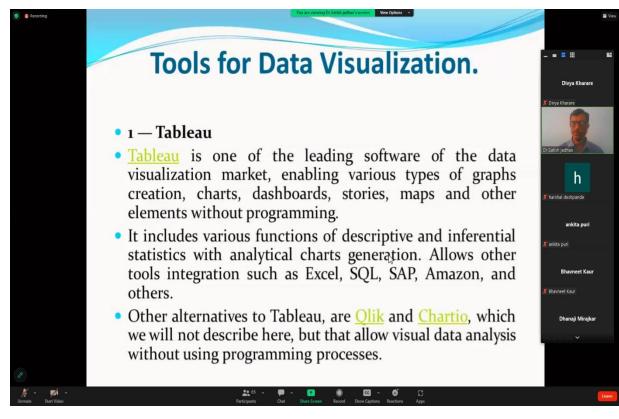
Prof. G. V. Patil, Asst. Professor, Compute Science and Engineering Department, delivered vote of thanks to all participants, Resource Persons for sharing their professional experience, Knowledge and skills. The vote of thanks also delivered towards Management and Principal Dr. A. W. Kharche sir, our associated bodies-ISTE, IEI, organizing team members who directly/indirectly involving program activities for successful completion of STTP Programme.

Link to join all the sessions -

Join Zoom Meeting https://us06web.zoom.us/j/82609473457?pwd=amZVRzZSZ2pTeDJrN2loZTBnandLdz09

Meeting ID: 826 0947 3457 Passcode: 12345

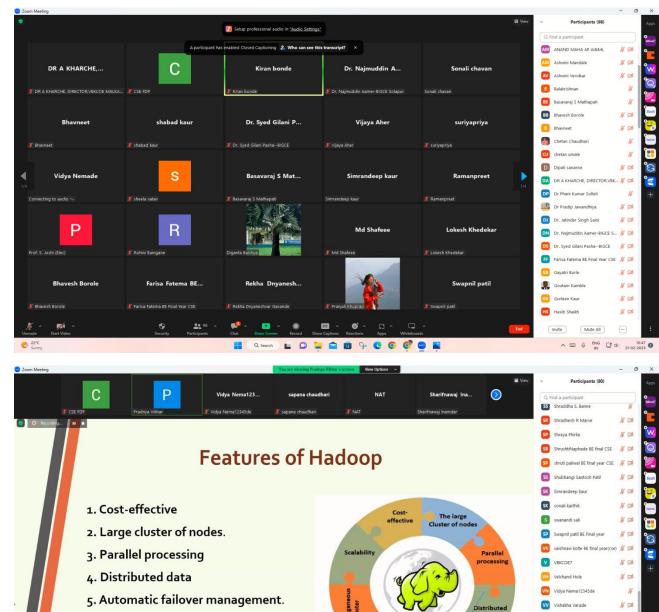






(NAAC Accredited, Approved by AICTE-New Delhi, Government of Maharashtra, DTE, MSBTE, Mumbai and Affiliated to Sant Gadge Baba Amravati University)

Website - www.coemalkapur.ac.in Email: - coemalkapur@rediffmail.com

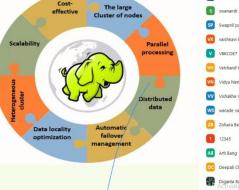


📕 🔍 Search 🖬 💭 📮 🕿 📾 🦫 💽 🧔 🞯 🚍 📴

- 6. Data locality optimization
- 7. Heterogeneous cluster

8. Scalability

C 22*C



X 100

A 126

526

ÇZŔ

126

126

▲ 💭 🕴 KNG 🖓 ¢I 14:06 🕑

Zohara Beg

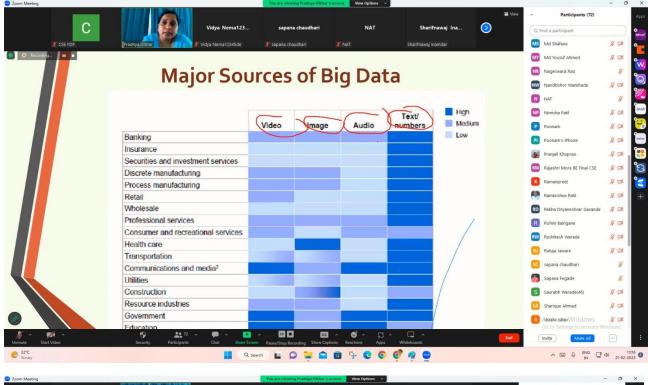
12345

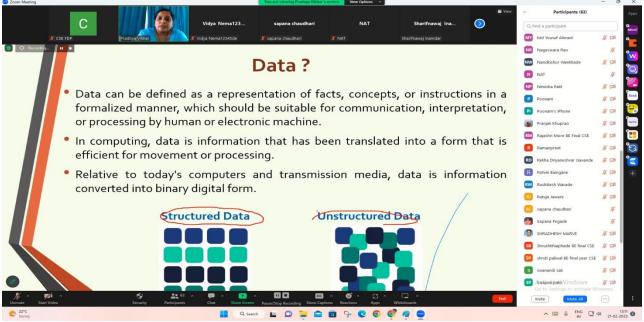
Invite



(NAAC Accredited, Approved by AICTE-New Delhi, Government of Maharashtra, DTE, MSBTE, Mumbai and Affiliated to Sant Gadge Baba Amravati University)

Website - www.coemalkapur.ac.in Email:- coemalkapur@rediffmail.com





H.O.D. Deptt of Computer Sci & Engl. Dr.V.B.Kolte College of Englineerir Malkapur,Distt.Buldana.(M.S.)