# Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology, Baramati

Department of Artificial Intelligence and Data Science

Academic Year: 2023-24

Guest Lecture on

## "Big Data and Hadoop"

**Event Name: Big Data and Hadoop**

**Coordinator:** Mr. Pradip Shendage (Assistant Professor, AIDS, VPKBIET, Baramati).

**Date & Day:** 18th April 2024.

**Time:** 09:15am to 11:30am.

**Target Audience:** TE (AI&DS) students.

**Objectives**: 1.To understand the importance of hadoop technologies
2. To understand the use of Impala & Apache Spark framework.

**Resource person details:** Mr. Nimbalkar Satyajit, SVPMCOE, Malegaon

**Outcomes:** Students will able to understand the various framework of hadoop such as Apache & Impala and so on.
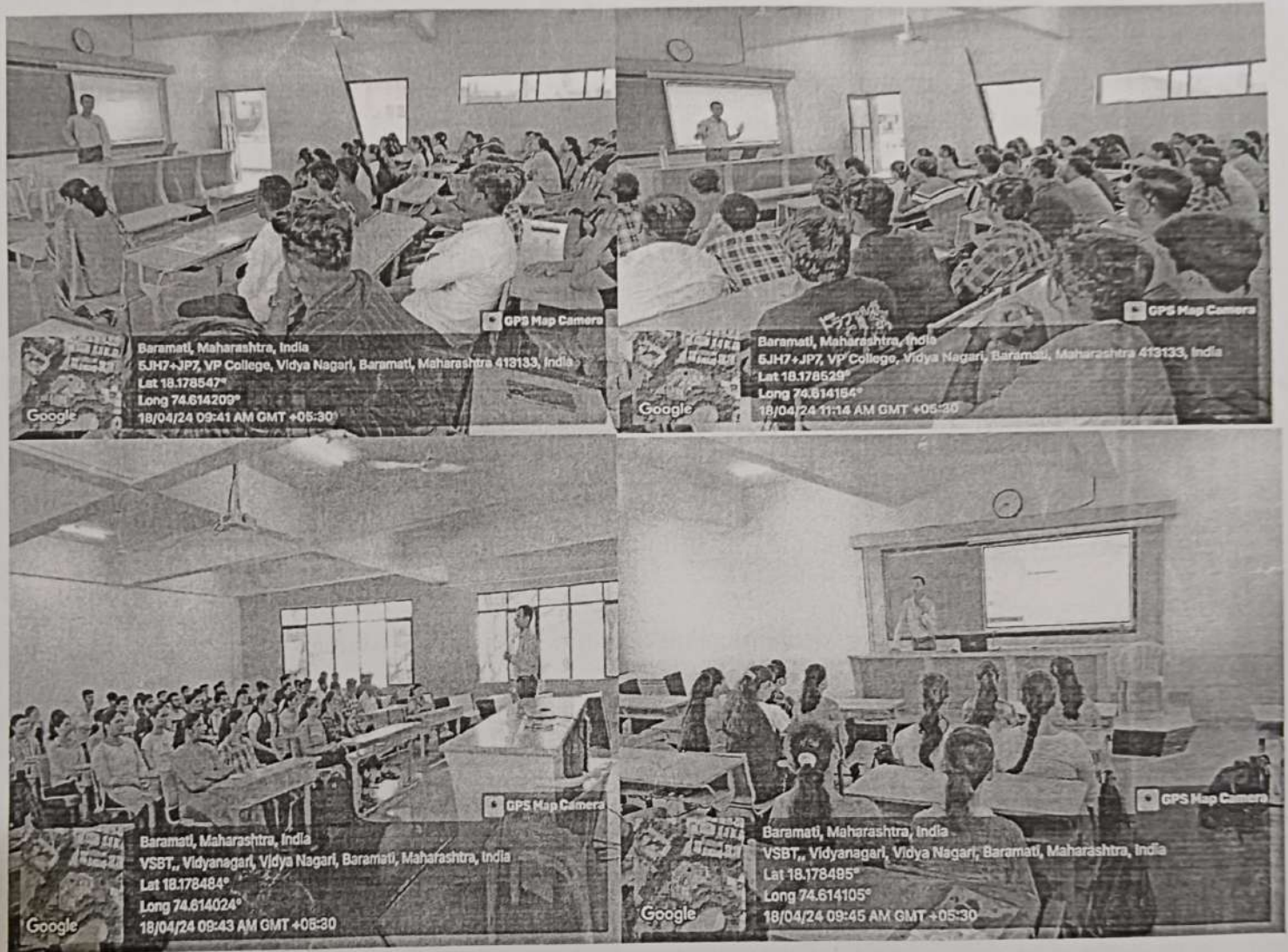
**Description:** On the auspicious date of 18th April 2023, AIDS had the privilege of hosting a guest lecture on the topic of Big Data and Hadoop. The lecture was conducted by esteemed resource person Mr. Nimbalkar Sir, who brought extensive expertise and insights into the field. Mrs. Rohini Naik, extended a warm welcome to Mr. Nimbalkar sir and all the attendees, expressing gratitude for his willingness to share knowledge and expertise in such a vital area of study. The guest lecture by Mr. Nimbalkar provided invaluable insights into the realms of Big Data and Hadoop, enlightening participants about the practical applications and methodologies within the field. Attendees departed with enriched knowledge and newfound skills, ready to tackle real-world challenges in the domain of data analytics and processing. We extend our sincere gratitude to Mr. Nimbalkar for his illuminating session and to all the participants for their enthusiastic engagement.

**Topic Covered:**
1. Create databases and tables, insert small amounts of data, and run simple queries using Impala
2. Design a distributed application using MapReduce which processes a log file of a system.
3. Write a simple program in SCALA using Apache Spark framework

**Total No. of Participants:** 71

**Glimpses of Event:**



Mr. Nimbalkar Sir delivering the sessions on "hadoop"

Guest lecture coordinator

HoD, AIDS
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