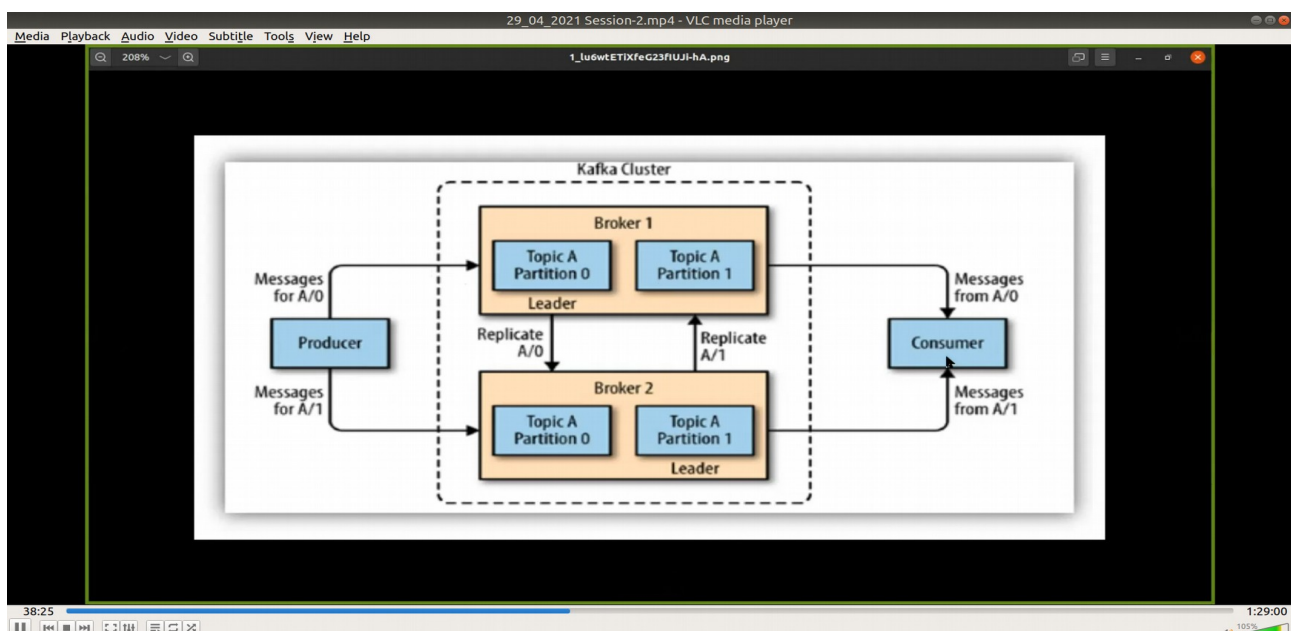**REPORT ON BIG DATA TOOLS FOR BATCH AND STREAM ANALYTICS STTP**

Our Department of Information Technology organised a STTP for students on BIG DATA TOOLS FOR BATCH AND STREAM ANALYTICS from 29/04/2021 to 01/05/2021. This STTP was organised under the guidance of HOD IT Prof.Kiran Deshpande. The Hands-on session was taken by Prof. Vishal Badgujar faculty of IT department and Prof. Amol Kalugade faculty of Computer Department of APSIT.

Objectives of STTP is To introduce the tools required to manage and analyze big data like Hadoop, NoSql,Cloudera, HDP, Kafka,etc To impart knowledge of Map reduce paradigm to solve complex problems Map-Reduce. To introduce to the students several types of big data like social media, web graphs and data streams. To enable students to have skills that will help them to solve complex real-world problems in for decision support.
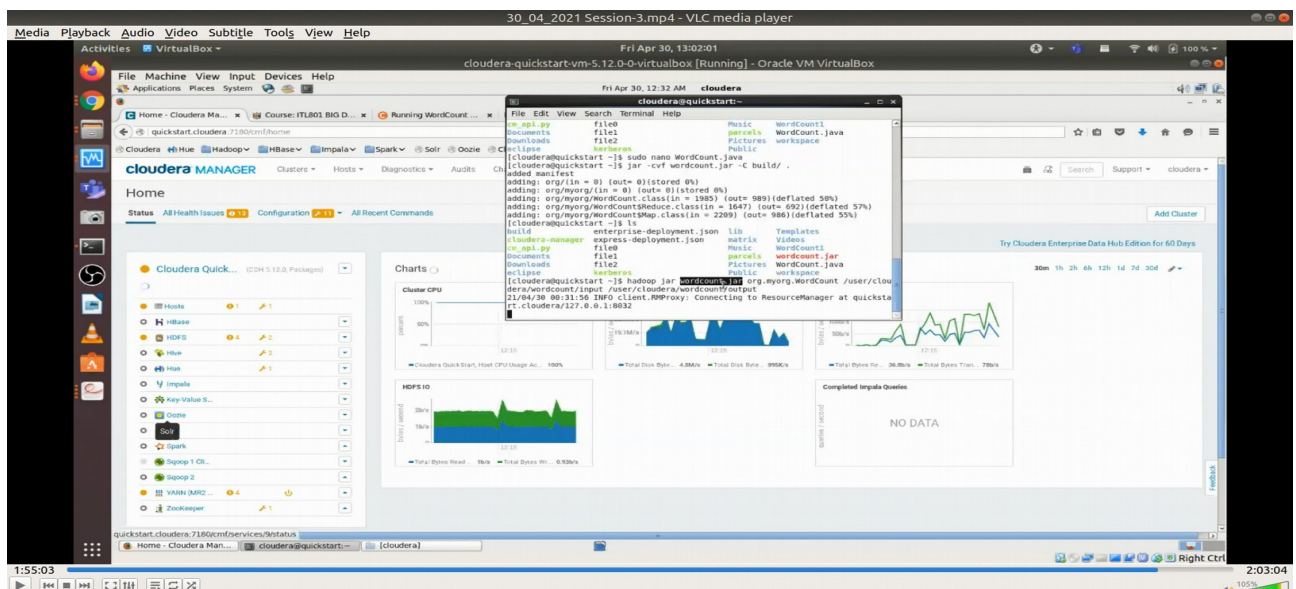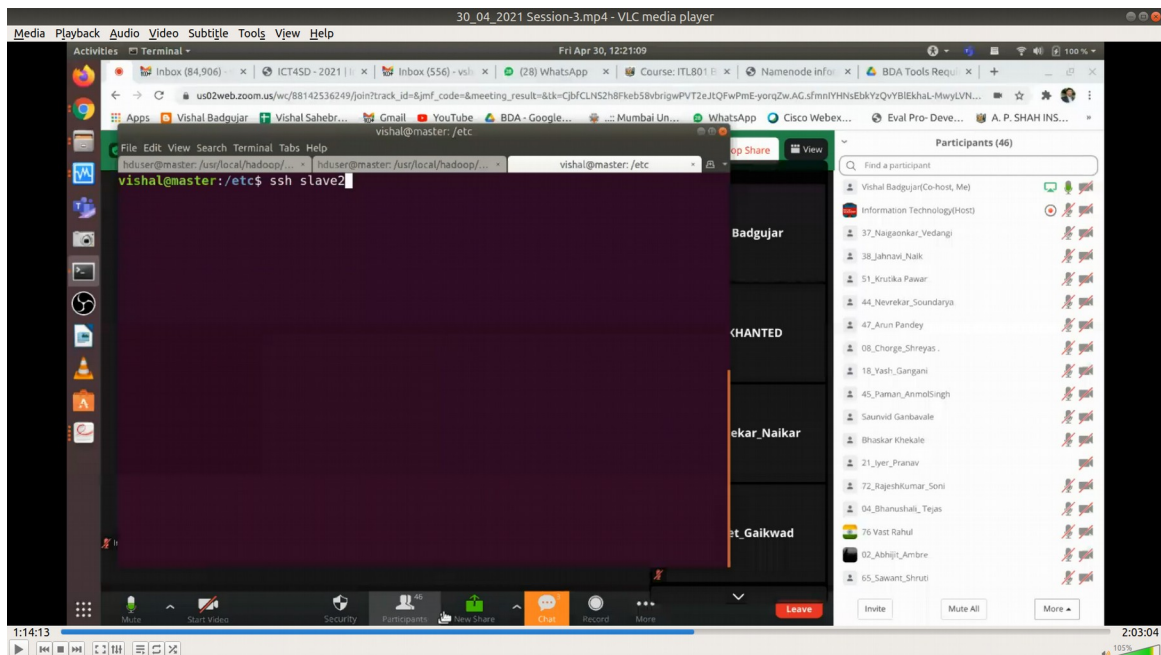
Big Data Analytics is one of the latest technologies that is ruling the world. The main objective of the STTP is to provide practical insight into the Batch & stream analytical and programming tools like Hadoop, MapReduce, Cloudera, Hortonworks HDP, Kafka which can make data analysis that could help in making decisions in various application domains. After successful completion of the STTP student will be able to Demonstrate capability to use Big Data Frameworks like Hadoop Program applications using tools like Hive, pig, , NO SQL and MongoDB for Big data Applications Design and implement algorithms to analyze Big data like streams, Web Graphs and Social Media data. Apply the knowledge of Big Data gained to fully develop a BDA applications for real life applications.

The session was overall informative and motivational for 78 students of BEIT. Proceeding towards the end, Online Test was conducted based on contents of STTP and Feedback for same also collected from students about speakers and overall contents of STTP.

Prof. Vishal Badgujar   **Prof. Kiran Deshpande**

Faculy coordinator   **Head of Department**