

The Department of Information Technology organized a Two Day Skill Development Program (SDP) on “Advanced Data Science Tools” during July 26-27, 2019.

On Day 1:26-07-2019 (Friday)

Session 1:Mr. Akkem Sreenivasulu, Sr Software Engineer, JPMorgan, Hyderabad delivered a lecture on **“Fundamentals of Hadoop”** from 10.00 AM – 11.30 AM. The participants interacted with the resource person and he clarified their doubts regarding the importance of Advanced Data Science Tools.



Mr. Akkem Sreenivasulu, Sr Software Engineer, JPMorgan, Hyderabad
delivering a lecture on **“Fundamentals of Hadoop”**

Session 2: Mr. Akkem Sreenivasulu, Sr Software Engineer, JPMorgan, Hyderabad, delivered a lecture on **“MapReduce and HDFS”** from 12.00 PM – 1.00 PM. He demonstrated healthcare data case study using MapReduce and HDFS.

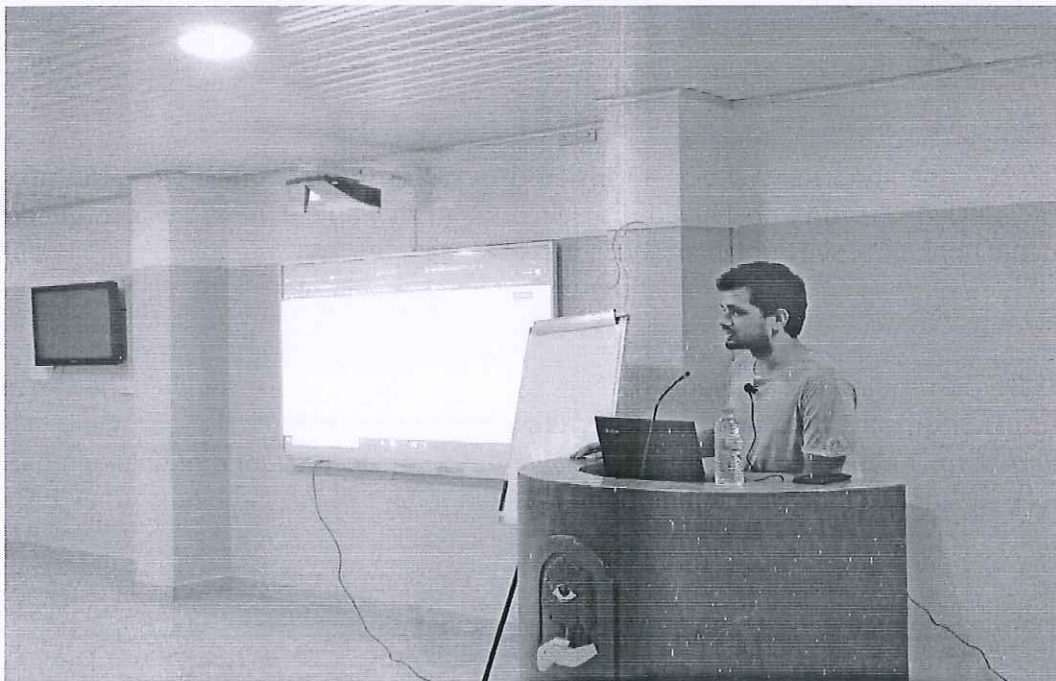


Mr. Akkem Sreenivasulu, Sr Software Engineer, JPMorgan, Hyderabad
Demonstrating "Hive and Spark" commands

Session 3& 4: Mr. Akkem Sreenivasulu, Sr Software Engineer, JPMorgan, Hyderabad, gave a demonstration from 2:00 PM – 5:00 PM on "Advanced Data Science Tools are Hive, HBase and Pig". He discussed applications using Hive, Pig and HBase.

On Day 2:27-07-2019 (Saturday)

Session 1&2:Mr. Sandeep Dayananda, Research Analyst, Bangalore from 10:00 AM – 1.00PM delivered a lecture on the topic "**Machine Learning and its applications**". He discussed on Linear and Logistic Regression classification techniques. The participants interacted with resource person and he explained industrial applications of Machine Learning.



Mr. Sandeep Dayananda, Research Analyst, Simplylearn, delivering a lecture on "**Machine Learning and its Applications**".

Session 3 & 4: Mr. Sandeep Dayananda, Research Analyst, Bangalore from 2.00PM – 5.00 PM delivered a lecture on the topics "Classification Techniques". In his lecture, he focused on different machine learning algorithms such as Decision Tree and Naïve Bayes and Logistic Regression.



Students during the Demonstration on "Clustering and Classification using Spark MLlib"

About **110 students** participated and gained useful insights which are helpful in their project work.

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