



CEP on BIG DATA ANALYTICS	
Date: 5 th October to 10 th October 2020	Venue: Zoom webinar
Time: 11 am to 1 pm	Event : Webinar
No. of Participant: 101	Event Coordinator: Dr. Santhosh M Prof. Reddy Prof Dileep Prof. Priya Jain
Objectives <ul style="list-style-type: none">- To gain deeper understanding of the concept of Big Data Analytics.- To learn how data analysis can be done using Hadoop.- To understand the concept of HDFS, MapReduce, Yarn and Hive.- To analyze the different tools available for data analysis like Python, Git Hub, PySpark, Jupyter etc.- To understand the concept of Image analytics, sentiment analytics and fraud analytics.- To learn how big data analytics takes place in different industries.	
Agenda/Flow of the Event <ul style="list-style-type: none">● 5th October: Introduction to Big Data Analytics● 6th October: Hadoop concepts and Architecture● 7th October: Exploring Big Data and communicating insights● 8th October: Big Data analytics life cycle● 9th October: Big Data analytics life cycle (concept of sampling data and used cases)● 10th October: Big Data analytics in industry and panel discussion	
Outcome Achieved/ Attained: <ul style="list-style-type: none">- Dr. Purushottam Bung on the first day set the context of the program by explaining about the evolution of big data analytics. He explained about the 5 Vs of big data analytics.- Then session I was started by Mr. Sai Bharath. He introduced the concept of data science and big data analytics to the audience. He laid the foundation for big data analytics and explained how big data is driving digital transformation. Then the session was taken over by Mr. Srujan and he	

explained about the big data in marketing and retail. He told about what is next best action for customers in real time.

- On the second day Mr. Sai explained in detail about the clusters in Hadoop. He explained various terminologies like Rack, Course and Hadoop architecture. He also told about the concept of HDFS, MapReduce, Yarn and Hive.
- On third day Mr. Sai Bharath took the practical example of Hadoop and explained how Hadoop can be used for data analysis. On the same day Mr. Debayan Roy also explained the concept of data insight communication using a industry used case.
- On fourth day Ms Divya introduced various other tools like Jupyter, Python, GitHub and PySpark to the audience. She explained how these tools can also be used for analyzing data. Further the session was taken over by Mr. Shreyans and he explained about the concept of image analytics.
- On fifth day the Ms. Divya explained briefly about the concept of sampling as it is very important in data analysis. Later on Mr. Srujan explained the concept of fraud analytics.
- On the last day Mr. Divya explained about the structured and unstructured data available with the help of used case. Later on Mr. Jishnu explained about the concept of sentiment analysis.
- At the end panel discussion was held where in all the speakers explained about how data analysis is happening in various sectors like financial sectors, health sector, fitness sector etc. All the speakers also shared their career journey which motivated all the participants.

Feedback & Coordinator Comment:

The entire program was very well received by all the participants. All the participants appreciated the program and were happy to have deeper knowledge on various concepts related to big data analytics. During the sessions participants had a chance to know how various new tools like Hadoop, python, jupyter, spyder, pyspark etc works. Everyone appreciated the program and motivated the organizers for many such programs in the future.

Event Coordinators

Dr. Santhosh M

Prof. Nagasubba Reddy

Prof. Dileep

Prof. Priya Jain



Director

Dr. Purushottam Bung

