



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

EXPERT TALK

Date	:	27 th April 2022
Timing	:	09:30 AM – 10:30 AM
Topic:		Splunk Tool for Big Data Analytics
Speaker	:	Mrs. Anitha Cheruvu Assistant Consultant, Senior Engineer Lead, TCS.

Objective:

April 27th , 2022, 09:30 a.m through Google meet we had an Expert Talk session on “**Splunk Tool for Big Data Analytics**” which was conducted by Mrs. Anitha Cheruvu. This program was hosted by the Department of MCA, NHCE. It was held for students of MCA – 1st, 4th and 6th semester students to get insights on the usage of Splunk tool, Industrial implementation of the tool to structure the data in log files.

The session began with the speaker introducing us to the concept of Splunk tool, what splunk tool is used for, how to use the tool, where to use the tool and so on. Splunk tool is used to structure the unstructured data that is found in log files. The tool formats the data into a more human readable form. She took us along with the topic with the help of a well prepared pdf file. Various theoretical concepts like Splunk components, Clustering, Roles, Buckets, Search mode and Search filters were explained. Practical examples were also shown by her while she shared her Desktop screen with us. Students understood the topics very well because of the real time implementation of the theory.

During the practical session of Splunk tool, she explained to us various filters that can be used to extract the optimal solution. Filters like time, keywords and many advanced search tricks were told to us during that hour. Showed us various search modes available and how they differed from each other. It was an interactive session were students were let to ask questions and their doubts cleared.

Conclusion:

The session was very effective and helped in understanding the importance of Splunk tool in the world of Big Data. Students understood how an Industry would want structured data over unstructured data. Overall, the session was an eye opener and let students discover a new tool that can be used practically.



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

Present

EXPERT TALK

on

SPLUNK TOOL FOR BIG DATA ANALYTICS

CONVENOR

Dr. V. Asha
Professor & Head
Department of MCA

COORDINATOR

Prof. Jincy C Mathew
Sr. Assistant Professor
Department of MCA



27th April 2022

Scan to Join



S
P
E
A
K
E
R



09.30 AM

Anitha Cheruvu

Batch : MCA 2008-2011, NHCE
Assistant Consultant, Senior Engineer Lead
Tata Consultancy Service, Bangalore

These are some glimpses of the talk event

9:36 AM | gyz-voho-etp

Participants: Nivash Poonacha, Anitha Vinod, Shreya Kindalkar, FRANKLIN NAGRALKAR, Prajwal Kumar, Praveen Sharma, Amith S.G, 80 others, You.

9:36 AM | gyz-voho-etp

Anitha Vinod is presenting

Participants: Anitha Vinod, Nivash Poonacha, Shreya Kindalkar, Amith S.G, FRANKLIN NAGRALKAR, shreeram prajapat, niharika kumari, 83 others, You.

9:38 AM | gyz-voho-etp

Splunk Learning.pdf

C:\Users\Manvi\Downloads\plun\Splunk\Splunk%20Learning.pdf

Splunk Learning

- Splunk Definition:**
It takes any type of data, unstructured, structured, machine generated, human generated and allows you to create real value from that data in the form of rich reports, but also dashboards and alert triggered in a timely manner.
- Why Splunk tool is used?**
Splunk is used for monitoring and searching through big data. It indexes and correlates information in a container that makes it searchable, and makes it possible to generate alerts, reports and visualizations.
- Splunk Components**
 - Splunk Enterprise:** It is the fastest way to aggregate, analyze and get answers from your data with the help of machine learning and real-time visibility.
 - Indexer:** The indexer is the Splunk Enterprise component that creates and manages indexes.
 - Search head:** It is simply a Splunk instance that distributes searches to other indexes, and queries across them any number of times.
 - Deployment Server:** A deployment server is a Splunk Enterprise instance that acts as a centralized configuration manager for any number of other instances.
 - Splunk license master:** It is based on the amount of data coming to the search head.
 - Forwarder:** It collects data and send it to splunk servers.
 - Search Head Cluster:** It is a group of Splunk Enterprise search heads that manage the indexing and is responsible for enforcement of the configured data replication policy.
 - Search Head Cluster:** It is a group of Splunk Enterprise search heads that manage the indexing and is responsible for enforcement of the configured data replication policy.

raj sharan can now join this meeting

