



J.B.INSTITUTEOFENGINEERING&TECHNOLOGY (UGCAUTONOMOUS)

AccrediatedbyNaacandNBA, ApprovedByAICTE& PermanentlyAffiliatedtoJNTUH Yenkapally(V),
Moinabad(M), P.O.Himayat Nagar, R.R District, Hyderabad – 500 075.
PhoneNo:08413-23517,235053,Fax:08413-235753

Department of Computer Science & Engineering

Dated:11/11/2024

CIRCULAR

This is to inform all the Faculty of CSE that a Five day Faculty Development program is going to be conducted on “**Cloud Architect**” on behalf of EXCELR will be held from 18/11/2024 to 22/11/2024 in online mode. In this regard, all the faculty of CSE are instructed to participate in this event.


EVENTCOORDINATOR


HOD-CSE

Head of the Department
Computer Science and Engineering
J B Institute of Engg & Technology
Yenkapally, Moinabad Mandal
Hyderabad-75

Circulatedto:

1. *Principal*
2. *Dean Academic*
3. *Staff*
4. *Admin office*



JB INSTITUTE OF ENGINEERING & TECHNOLOGY

UGC Autonomous

Accredited by NAAC, Approved by AICTE & Permanently Affiliated to JNTUH

Department of Computer Science and Engineering

The convener and faculty members of CSE department

cordially invite you for the inauguration of the

FDP Program on

CLOUD ARCHITECT

From 18th November, 2024 to 22nd November 2024

@ 3:00 PM

Online Mode

Dr. P.C.Krishnamachary

Principal, JBIET

Will preside over the program

Dr. Md.Salauddin

Dean Academics, JBIET

Mr.G.Sreenivasulu

The Convener

HOD – CSE

All are Welcome!

Faculty Development Program on

CLOUD ARCHITECT

A Comprehensive FDP Program
on Cloud Implementation in Industry



In collaboration with

JB Institute of Engineering and
Technology, Hyderabad
(Telangana)

Get Certificate Of Participation for **FREE**



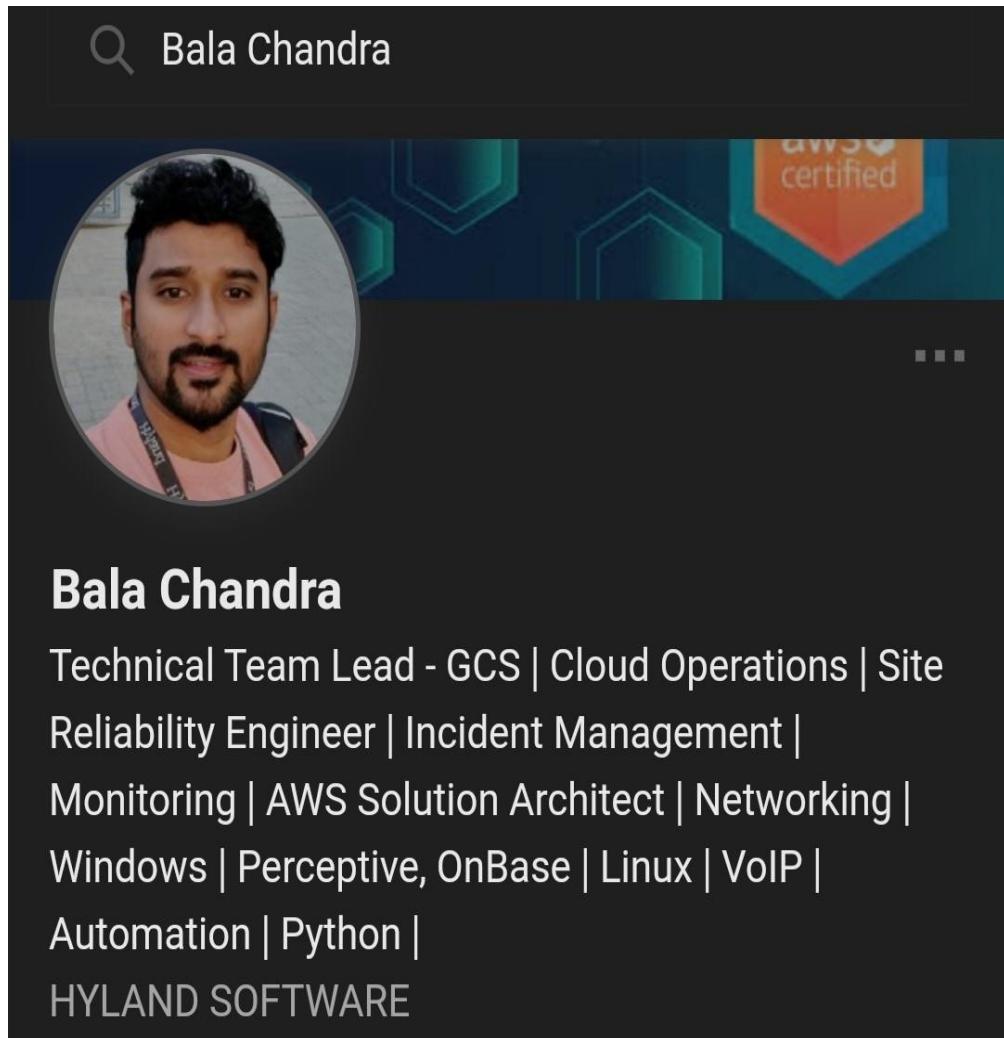
18th Nov '24 - 22nd Nov '24
3:00 to 5:00 PM (5 Days)



Profile

Name:Mr.Bala Chandra

Mr. Bala Chandra has been working as an cloud architect in HAYLAND SOFTWARE Company And also he handled different roles in software industry like technical team lead in-GCS , cloud operation manager , site engineer and AWS solution Architect for the past 6 years.



A screenshot of a LinkedIn profile card for Bala Chandra. The card has a dark background. At the top, there is a search bar with the name 'Bala Chandra' and a magnifying glass icon. Below the search bar is a circular profile picture of a man with dark hair and a beard, wearing a pink shirt and a lanyard. To the right of the profile picture is a blue hexagonal background with a white 'AWS certified' badge. Below the profile picture, the name 'Bala Chandra' is displayed in large white text. Underneath the name is a list of professional roles and skills: 'Technical Team Lead - GCS | Cloud Operations | Site Reliability Engineer | Incident Management | Monitoring | AWS Solution Architect | Networking | Windows | Perceptive, OnBase | Linux | VoIP | Automation | Python | HYLAND SOFTWARE'. The card ends with three vertical dots on the right side.

Bala Chandra

Technical Team Lead - GCS | Cloud Operations | Site Reliability Engineer | Incident Management | Monitoring | AWS Solution Architect | Networking | Windows | Perceptive, OnBase | Linux | VoIP | Automation | Python | HYLAND SOFTWARE

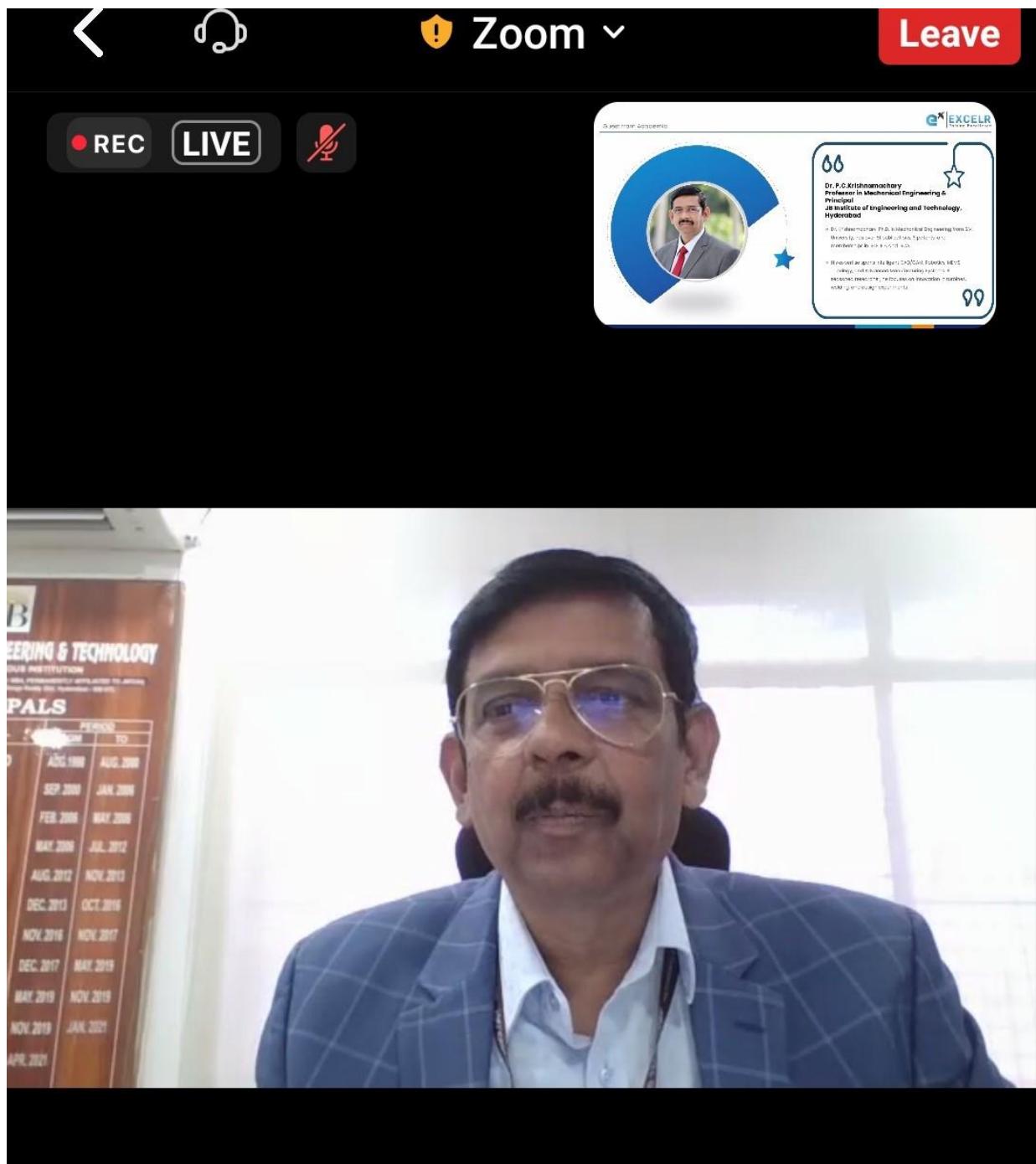


Fig -1 Principal Dr. P.C. KRISHNAMACHARY is addressing the session on 18th November 2024

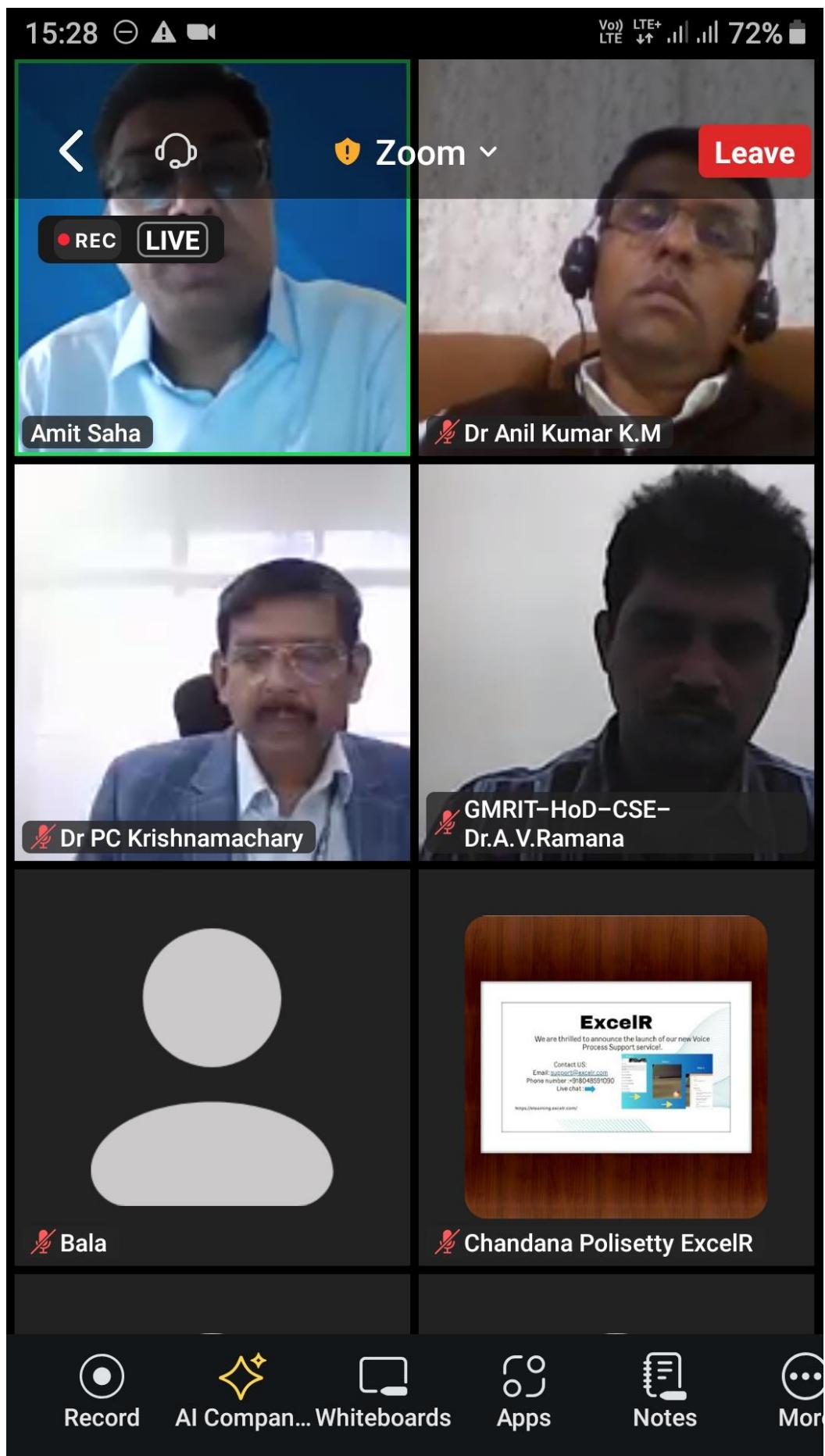


Fig-2 Addressing delegates from various Engineering colleges in online mode



J.B.INSTITUTEOFENGINEERING&TECHNOLOGY (UGCAUTONOMOUS)

AccrediatedbyNaacandNBA, ApprovedByAICTE& PermanentlyAffiliatedtoJNTUH Yenkapally(V),
Moinabad(M), P.O.Himayat Nagar, R.R District, Hyderabad – 500 075.
PhoneNo:08413-23517,235053,Fax:08413-235753

DEPARTMENTOFCOMPUTERSCIENCEAND ENGINEERING DETAILED REPORT ON A FIVE-DAY FACULTY DEVELOPMENT PROGRAM ON CLOUD ARCHITECT

From 18th to 22nd November 2024

Aim and Objective:

A cloud architect's primary objective in an event-driven architecture is to design and implement a scalable, reliable, and cost-effective cloud infrastructure that can effectively handle and process large volumes of events in real-time, ensuring efficient data flow and timely response to event triggers. This includes choosing the right cloud services, defining event routing mechanisms, and considering security and performance optimization strategies tailored to the specific event-driven use cases.

Date of Event :From 18th to 22nd November 2024

Venue :Online mode

Faculty Coordinators: 1.Mr. N.Thirumalaraao 2. Mrs S .Gayathridevi 3.Mr. D.Himagiri

Resource Person :**Mr. Mr. Bala Chandra**

The Department of CSE has organized a five -day Faculty Development Program on Cloud Architect . It has leading technology in industrial level A cloud architect is a professional who oversees a company's cloud computing strategy. They design, plan, and manage an organization's cloud infrastructure, ensuring that it aligns with its business goals and is scalable, secure, and cost-effective.

Day1: Introduction to cloud architect

Cloud architects typically work with various cloud service providers such as Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform (GCP), or others, selecting the most suitable services and solutions.

Day2

AWS

Amazon Web Services (AWS) is the world's most comprehensive and broadly adopted cloud, offering over 200 fully featured services from data centers globally. Millions of customers—including the fastest-growing startups, largest enterprises, and leading government agencies—are using AWS to lower costs, become more agile, and innovate faster.

Day3

Cloud management in AWS

Cloud management is the organized management of cloud computing products and services that operate in the cloud. It refers to the processes, strategies, policies, and technology used to help control and maintain public and private cloud, hybrid cloud, or multicloud environments.

Day4 Aws Snow family

AWS Snow Family is a collection of physical devices that help organizations transfer large amounts of data into and out of the AWS(Amazon Web Services) cloud. It is designed for environments where traditional network connectivity is insufficient or unavailable. AWS Snow Family are often used for large-scale data migrations edge processing or in remote locations where network bandwidth is limited or unreliable.

AWS Snow Family devices are rugged portable and secure designed to handle challenging conditions while ensuring safe and efficient data transfer.

Day5

Amazon EC2 Instance Storage

Amazon EC2 offers a range of flexible, cost-efficient, and easy-to-use data storage solutions tailored to meet the varying needs of your workloads. Each option provides distinct levels of performance and and they can be employed either individually or in combination depending on your requirements.

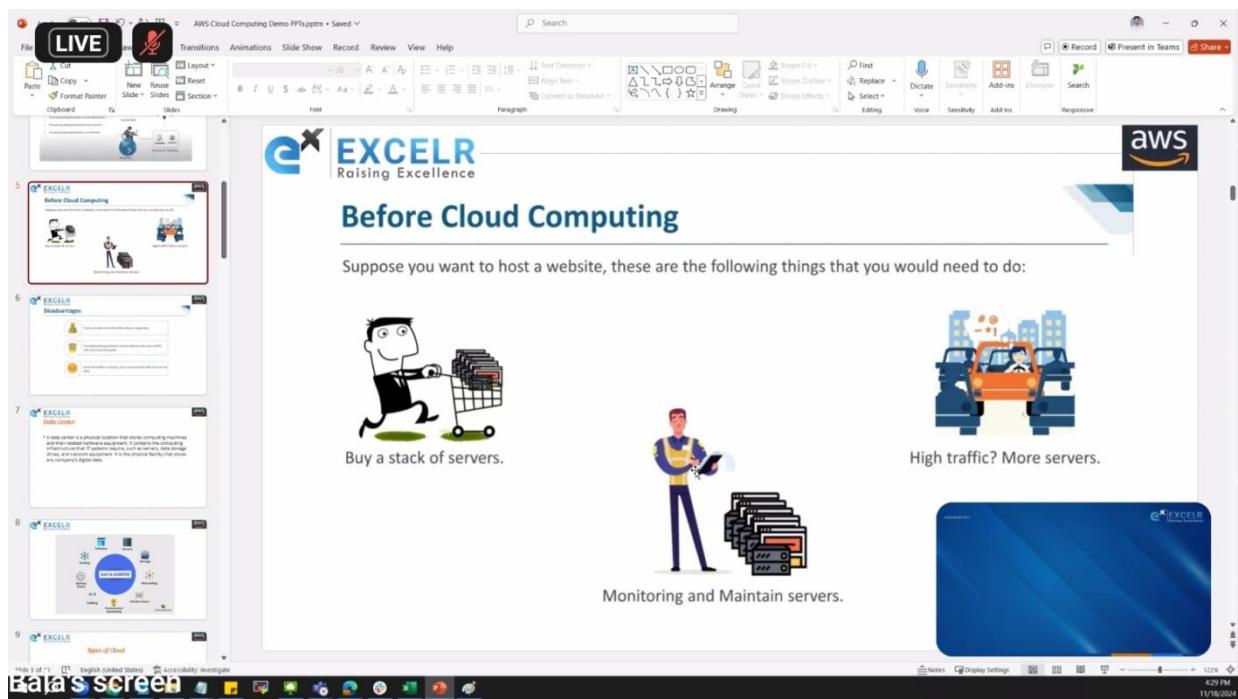


Fig -3 Mr. Bala Chandra is taking session on 18th November 2024

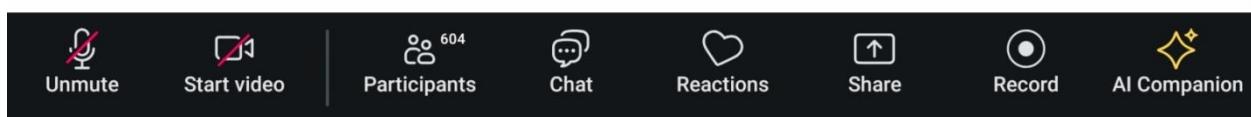
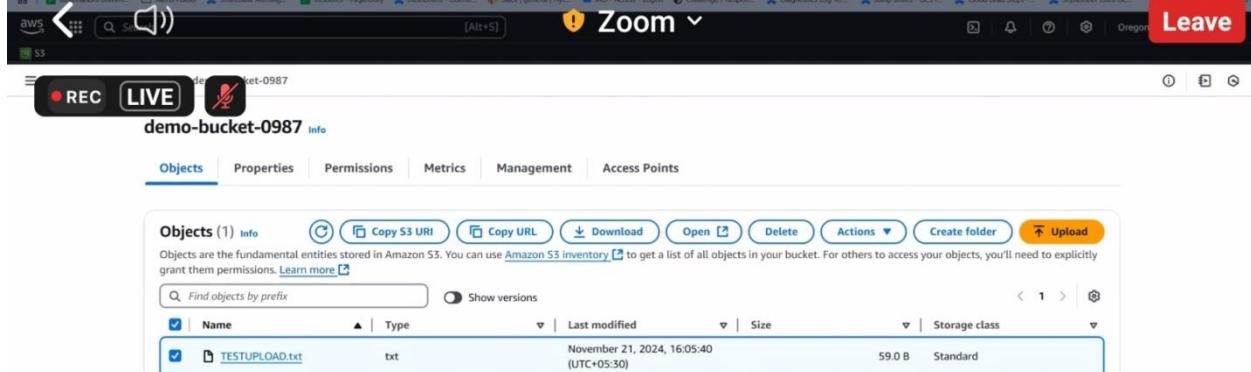
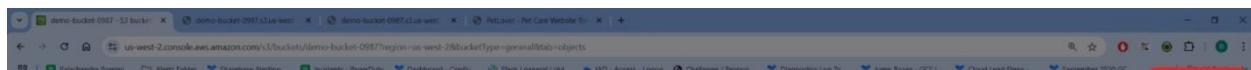


Fig -4 Mr. Bala Chandra is taking session on 19th November 2024

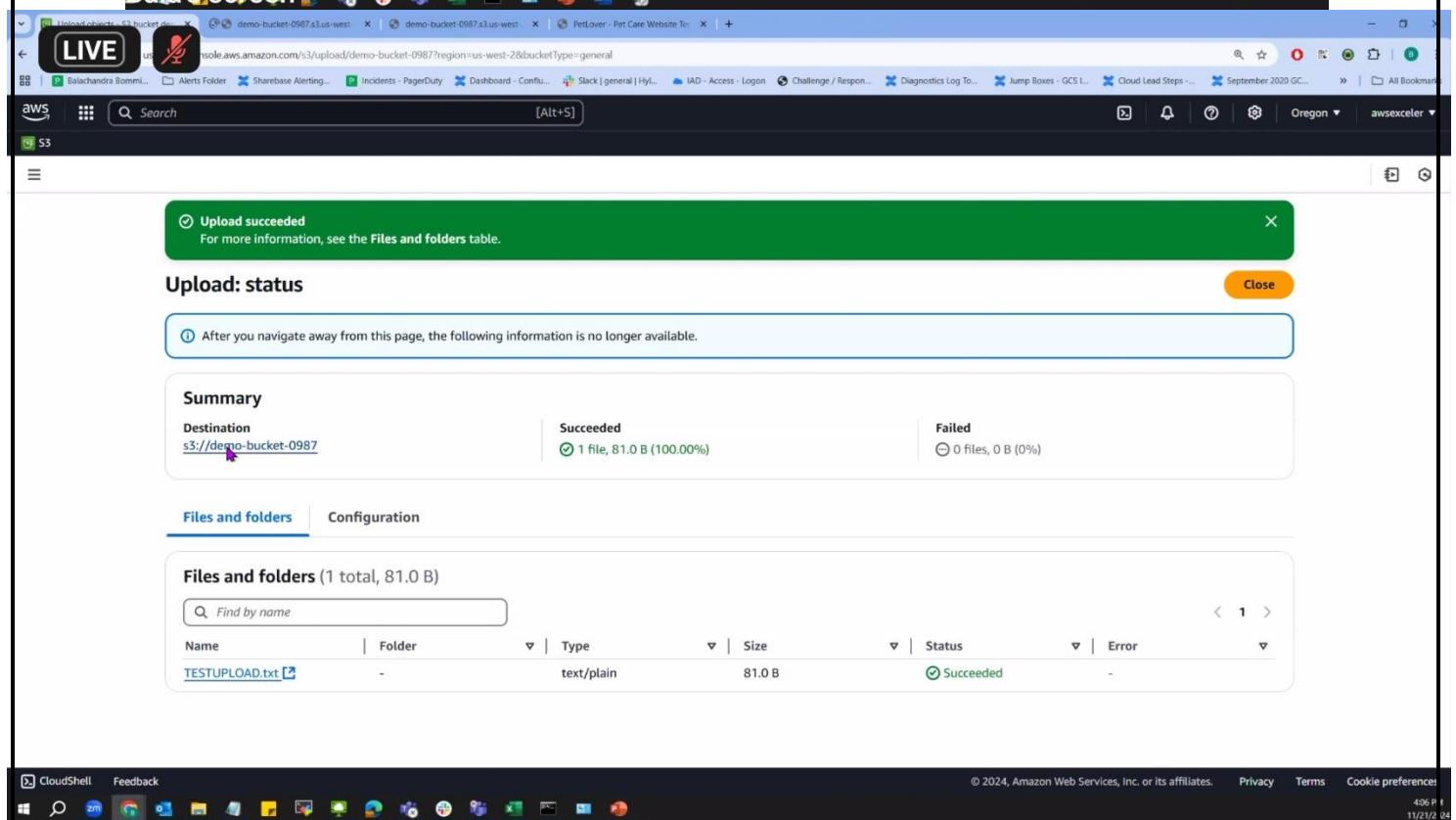
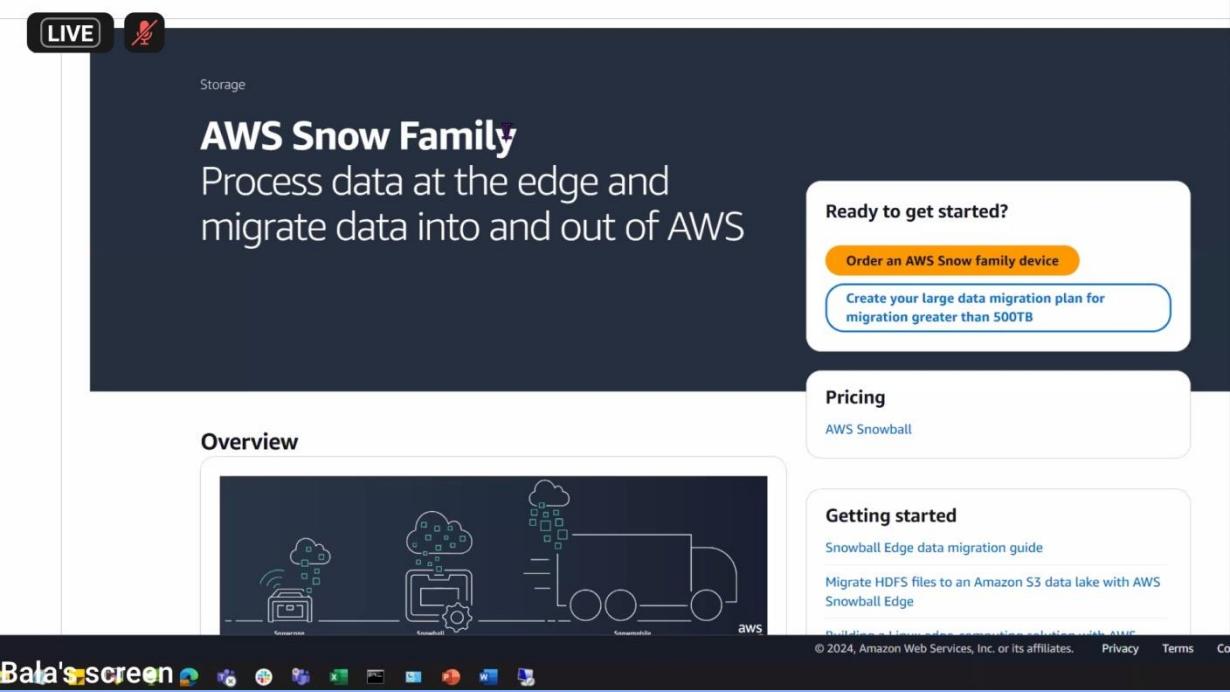
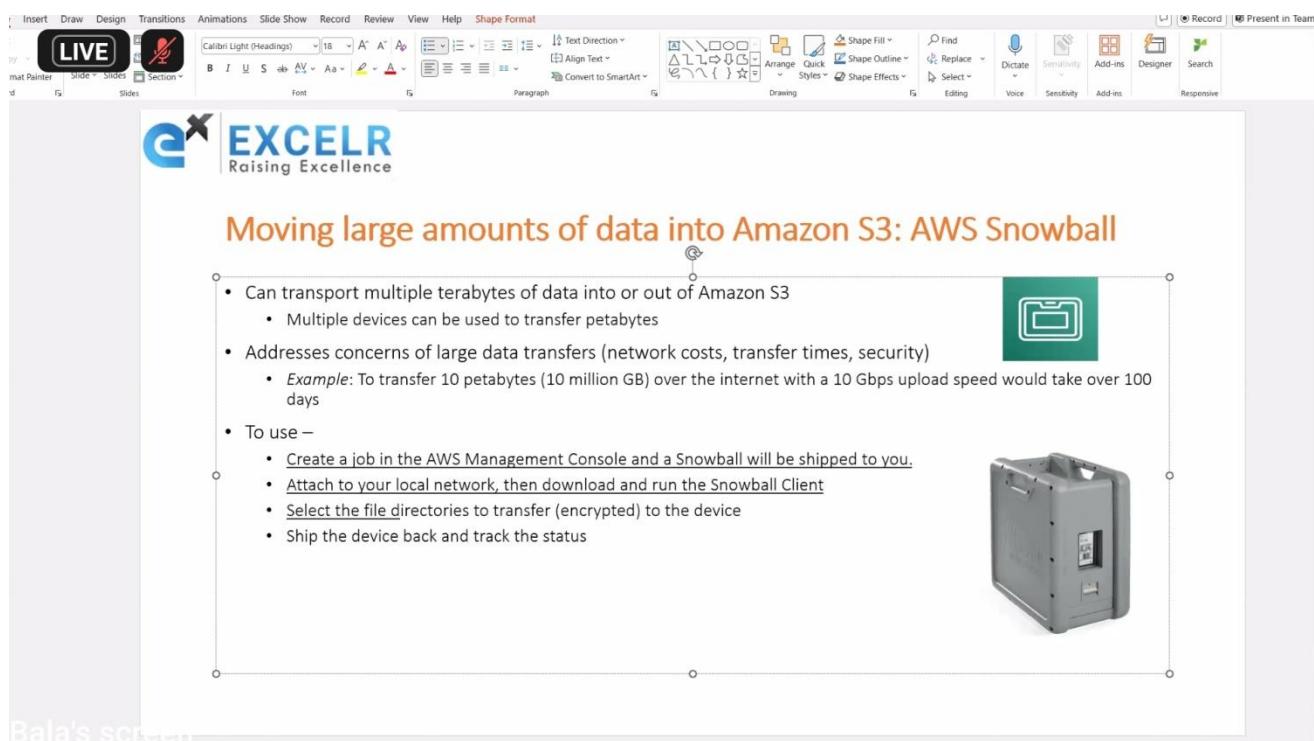


Fig -5 Mr. Bala Chandra is taking session on 20th November 2024



Moving large amounts of data into Amazon S3: AWS Snowball

- Can transport multiple terabytes of data into or out of Amazon S3
 - Multiple devices can be used to transfer petabytes
- Addresses concerns of large data transfers (network costs, transfer times, security)
 - *Example:* To transfer 10 petabytes (10 million GB) over the internet with a 10 Gbps upload speed would take over 100 days
- To use –
 - [Create a job in the AWS Management Console and a Snowball will be shipped to you.](#)
 - [Attach to your local network, then download and run the Snowball Client](#)
 - [Select the file directories to transfer \(encrypted\) to the device](#)
 - [Ship the device back and track the status](#)

Fig -6 Mr. Bala Chandra is taking session on 21st and 22nd November 2024

OUT COME :

1. Cloud architects create cloud solutions that improve business value and operational efficiency
2. They also ensure that cloud technologies are used to their full potential.
3. creating and organizing cloud systems
4. collaborating with IT security professionals
5. To develop large scale Applications

Attendance

16:06 ... 15%

Close **Participants (603)**

Search

TN	Thirumalarao N (me)	
CP	Chandana Polisetty Ex... (Host)	
B	Bala (Co-host)	
AP	Aditya Parate	
AK	Ajay kumar savita	
AK	anand konduru	
A	Anjali	
AC	archana chavan	
AD	Arpitha Devangavi	
AR	Ashok Rachapalli	
BK	Rhavashree Kadam	

Invite

16:01 ...

VoIP LTE 61%

[Close](#)

Participants (851)

AS	Anand S Uppar		
A	Anitha		
A	Anshu khetre		
AD	apparao devineni		
AD	Ashlesha Deole		
A	AT		
Aziza			
B	Bagulsonu		
BK	BHAGYASHALI KOKODE		
BP	BHARGAVI POLEPALLI 1220603...		
BM	Biruntha M (Co-host)		

[Invite](#)