



KLS Vishwanathrao Deshpande Institute of Technology

(NAAC Accredited with 'A' Grade)

(Approved by AICTE, New Delhi. Affiliated to VTU, Belagavi)

(Recognized Under Section 2(f) by UGC, New Delhi)

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Department of Computer Science and Engineering(AI&ML)

Date:23 -12-2025

A Report on Technical talk on “Basics of Cloud Computing”

Dept. of Computer Science and Engineering and Computer Science and Engineering (AI&ML)
KLS VDIT Haliyal conducted technical talk on “Basics of Cloud Computing” 16-12-2025 at
10 AM in virtual mode.

Details of Events are as follows:

Resource Persons:

Mr. Vinayak Pote, Cloud Engineer at ELILILLY, Bangalore

Target Audience: 3rd semester Students of CSE and CSE (AI&ML) Dept.

No. of Active Participants: 165

Platform: Google Meet

The resource person highlighted the following concepts

Concepts Highlighted by the Resource Person

The resource person provided a comprehensive overview of **Cloud Computing**, covering its fundamentals, benefits, models, and real-world applications. The key concepts highlighted are summarized below:

1. Introduction to Cloud Computing

Cloud computing refers to the on-demand delivery of computing resources such as servers, storage, databases, networking, and software over the internet, enabling users to access services without owning physical infrastructure.

2. Benefits of Cloud computing

The major benefits discussed include cost efficiency through pay-as-you-go pricing, scalability to handle varying workloads, flexibility, high availability, automatic updates, and global accessibility.

3. Cloud Service Models

The resource person explained the three main service models:

- **Infrastructure as a Service (IaaS):** Provides virtualized computing resources like servers and storage.
- **Platform as a Service (PaaS):** Offers a development platform with tools and frameworks for application development.
- **Software as a Service (SaaS):** Delivers ready-to-use software applications over the internet.

4. Difference between Service Models

A comparison of IaaS, PaaS, and SaaS was discussed based on control, responsibility, flexibility, and usage, helping participants understand which model suits different business needs.

5. Cloud Deployment Models

- **Public Cloud:** Owned and managed by third-party providers; cost-effective and scalable but offers limited control. Suitable for startups and non-sensitive workloads.
- **Private Cloud:** Dedicated to a single organization; provides enhanced security and control but involves higher costs and maintenance. Suitable for sensitive data handling industries.
- **Hybrid Cloud:** Combines public and private clouds; offers flexibility and scalability while ensuring data security, though it is complex to manage.

6. Key Components of cloud computing

The session highlighted essential components such as data centers, virtualization, networking, storage systems, and cloud management platforms.

7. Major Cloud Service Providers

Leading cloud providers such as **Amazon Web Services (AWS)**, **Microsoft Azure**, and **Google Cloud Platform (GCP)** were introduced along with their significance in the industry.

Outcomes:

Students were able to

1. Understand the basic concept and importance of cloud computing.
2. Gain the knowledge of the benefits of cloud computing in modern IT systems.
3. Understand the different cloud service models (IaaS, PaaS, SaaS).
4. Know the insights into the practical applications of cloud computing in industry.
5. Develop an understanding of the role of major cloud service providers such as AWS, Azure, and Google Cloud

PO mapping

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2
2	2	2	1	1	1		1	1		2	2	2



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (AI&ML)

**TECHNICAL TALK ON
"BASICS OF CLOUD COMPUTING"**



RESOURCE PERSON:
Er. Vinayak Pote
Cloud Engineer at ELI LILLY
Banglore



On DEC 16 2025 10 am

CSEAIML SMART
CLASSROOM
KLS VDIIT, Haliyal

Event Co-Ordinator

Dr. Satish Hande
Prof. Ekata Shanbhag

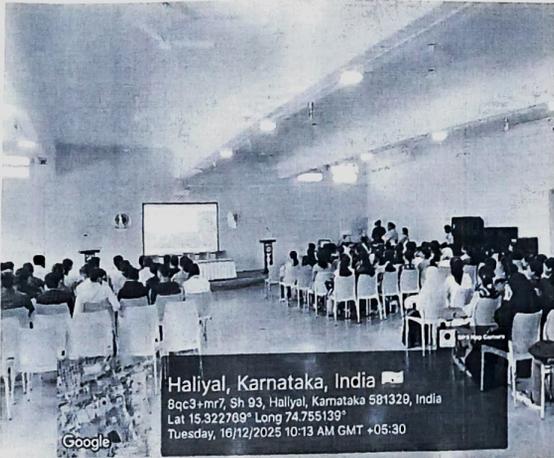
HoD

Dr. Poornima Ralkar

Principal

Dr. V. A. Kulkarni

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Lat 15.322769° Long 74.755139°
Tuesday, 16/12/2025 10:13 AM GMT +05:30



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Lat 15.32252° Long 74.75519°
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Event Coordinator

Dr. Satish P. Hande

Prof. Ekata Shanbhag

HOD
HOD

OSEE(AI&ML)

KLS/Vishwanathrao Deshpande
Institute of Technology, Haliyal

PRINCIPAL

Principal

KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal