



SNS COLLEGE OF TECHNOLOGY



**Coimbatore-35
An Autonomous Institution**

Accredited by NBA – AICTE and Accredited by NAAC – UGC with ‘A++’
Grade Approved by AICTE, New Delhi & Affiliated to Anna University,
Chennai

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

19ECT301 – COMMUNICATION NETWORK

III B.E. ECE / V SEMESTER

UNIT 5

TOPIC – CLOUD COMPUTING OVER THE INTERNET



WHAT IS CLOUD COMPUTING

- Cloud computing means storing and accessing the data and programs on remote servers that are hosted on the internet instead of the computer's hard drive or local server.
- Cloud computing is also referred to as Internet-based computing, it is a technology where the resource is provided as a service through the Internet to the user.
- The data which is stored can be files, images, documents, or any other storable document.



OPERATIONS



- Storage, backup, and recovery of data
- Delivery of software on demand
- Development of new applications and services
- Streaming videos and audio



CLOUD COMPUTING ARCHITECTURE



- Cloud computing architecture refers to the components and sub-components required for cloud computing. These components typically refer to:
 - Front end(fat client, thin client)
 - Back-end platforms(servers, storage)
 - Cloud-based delivery and a network(Internet, Intranet, Intercloud)



WHY CLOUD COMPUTING



Here are the top reasons why to switch to Cloud Computing instead of owning a database server.

1. Reduces cost
2. More storage
3. Employees using cloud computing have better work-life balance



CLOUD HOISTING



- There are three layers in cloud computing. Companies use these layers based on the service they provide.
- Infrastructure
- Platform
- Application



Characteristics of Cloud Computing



- Scalability
- Instant
- Save Money
- Reliability
- Physical Security
- Outsource Management



Top leading Cloud Computing Companies



- Amazon Web Services(AWS)
- Microsoft Azure Platform
- Google
- IBM Cloud
- Oracle Cloud
- Alibaba Cloud
- Tencent Cloud
- Rackspace
- Salesforce
- VMware Cloud



*Thank
you!*