



# **SNS COLLEGE OF ENGINEERING**

Kurumbapalayam (Po), Coimbatore – 641 107

**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 COMPUTER SCIENCE AND ENGINEERING(IoT and  
Cybersecurity Including BCT)**

**COURSE NAME : Cloud Service Management /19OE219**

**IV YEAR / VII SEMESTER**

**Unit II-**

**Topic : Cloud Governance Definition**



## What is Cloud Governance?

Cloud governance is a set of rules and policies adopted by companies that run services in the cloud. The goal of cloud governance is to enhance [data security](#), manage risk, and enable the smooth operation of cloud systems.

The cloud makes it easier than ever for teams within the organization to develop their own systems and deploy assets with a single click. While this promotes innovation and productivity, it can also cause issues like:

- Poor integration between cloud systems, even within the same organization
- Duplication of effort or data between different parts of the organization
- Lack of alignment between cloud systems and business goals
- New security issues—for example, the risk of deploying cloud systems with weak or lacking access control

Cloud governance ensures that asset deployment, system integration, data security, and other aspects of cloud computing are properly planned, considered, and managed. It is highly dynamic, because cloud systems can be created and maintained by different groups in the organization, involve third-party vendors, and can change on a daily basis.

Cloud governance initiatives ensure this complex environment meets organizational policies, security best practices and compliance obligations.



## Cloud Governance Model Principles

The following five principles are a good starting point for building your cloud governance model:

**1. Compliance with policies and standards**—cloud usage standards must be consistent with regulations and compliance standards used by your organization and others in your industry.

**2. Alignment with business objectives**—cloud strategy should be an integral part of the overall business and IT strategy. All cloud systems and policies should demonstrably support business goals.

**3. Collaboration**—there should be clear agreements between owners and users of cloud infrastructure, and other stakeholders in the relevant organizational units, to ensure they make appropriate and mutually beneficial use of cloud resources.

**4. Change management**—all changes to a cloud environment must be implemented in a consistent and standardized manner, subject to the appropriate controls.

**5. Dynamic response**—cloud governance should rely on monitoring and cloud automation to dynamically respond to events in the cloud environment.