



SNS COLLEGE OF TECHNOLOGY



Coimbatore-35.

An Autonomous Institution

COURSE NAME : 19ITT302 INTERNET OF THINGS

III YEAR/ V SEMESTER

**UNIT – II FUNDAMENTAL MECHANISMS & KEY TECHNOLOGIES
TOPIC - SCALABILITY**



UNIT II FUNDAMENTAL MECHANISMS & KEY TECHNOLOGIES

Identification of IoT Objects and Services- Structural aspects of IoT-Environment Characteristics-Traffic Characteristics-Scalability-Interoperability-Security and privacy -Key IoT Technologies :Device Intelligence - Communication Capabilities - Mobility Support - Device Power –Sensor Technology -RFID Technology - Satellite Technology - IoT Enabling Technologies- WSN, Cloud computing, Big data Analytics, communication protocols, embedded systems



STRUCTURAL ASPECTS OF THE IoT



- Environment Characteristics
- Traffic Characteristics
- Scalability
- Interoperability
- Security and Privacy
- Open Architecture



STRUCTURAL ASPECTS OF THE IoT



Scalability :

- The goal is to make sure that capabilities such as addressing, communication, and service discovery, among others, are delivered efficiently in both small and large scale.



Thank You!