



# **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 ELECTRICAL AND ELECTRONICS ENGINEERING**

**19EET304/ IOT for Electrical Sciences**  
III YEAR VI SEM

### **UNIT 1 – INTRODUCTION**

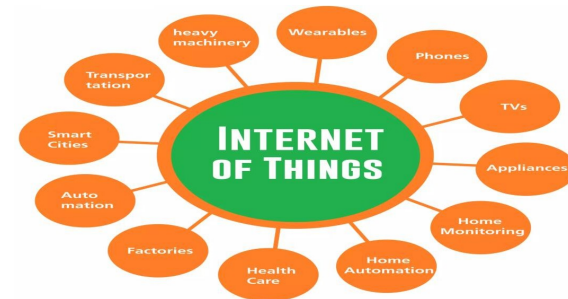
**TOPIC 1 – Internet of Things Promises–Definition**



# IoT Definition



- The Internet of Things (IoT) describes the network of physical objects—“things”—that are embedded with sensors, software, and other technologies for the purpose of connecting and exchanging data with other devices and systems over the internet. These devices range from ordinary household objects to sophisticated industrial tools.
- With more than 7 billion connected IoT devices today, experts are expecting this number to grow to 10 billion by 2020 and 22 billion by 2025.

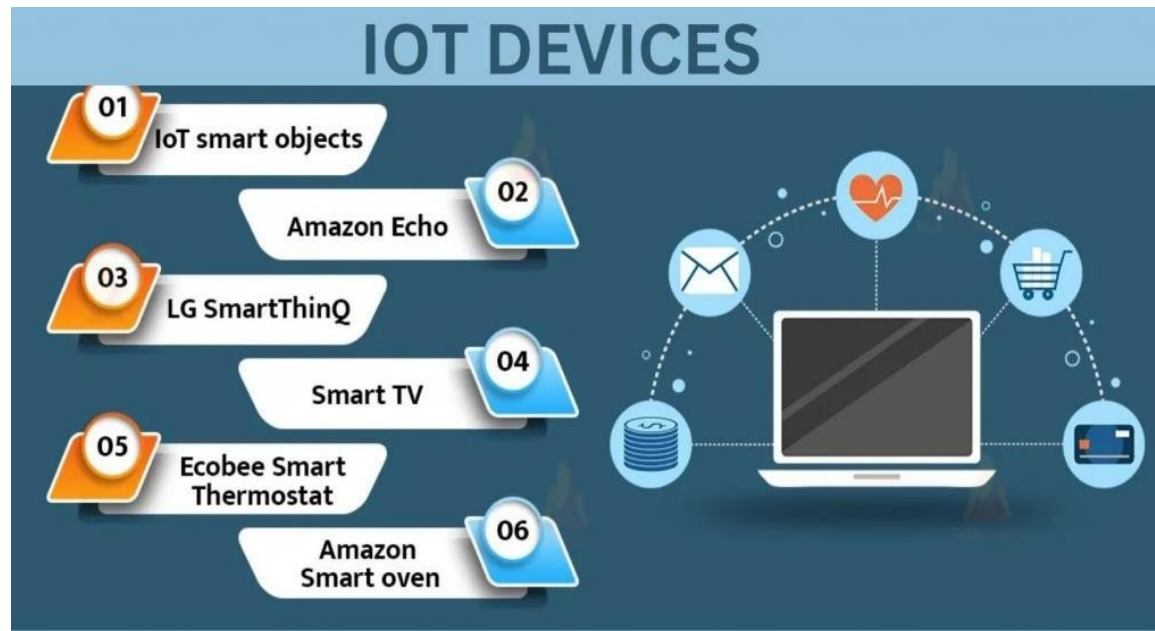


## Internet Of Things



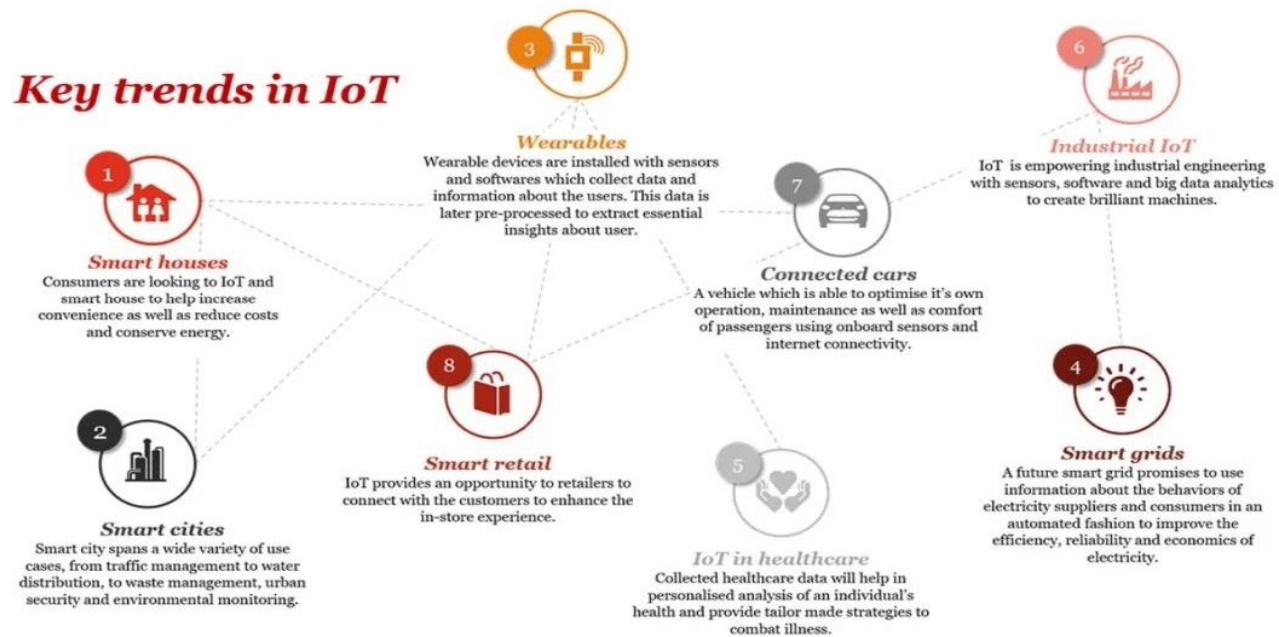


# IOT DEVICES





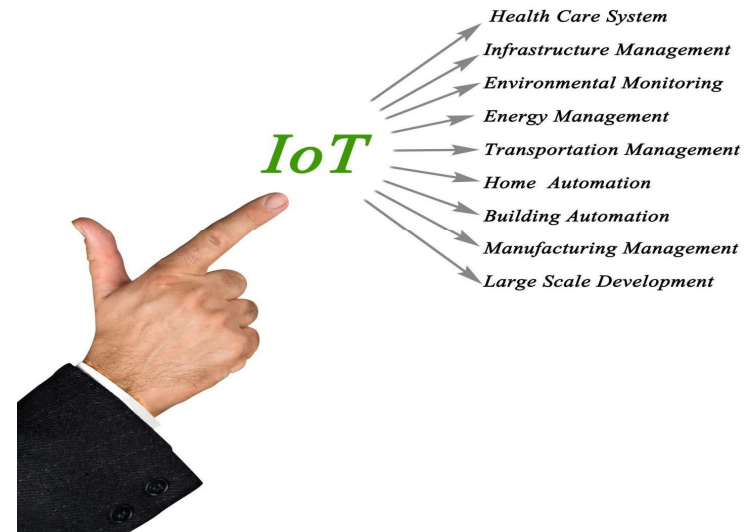
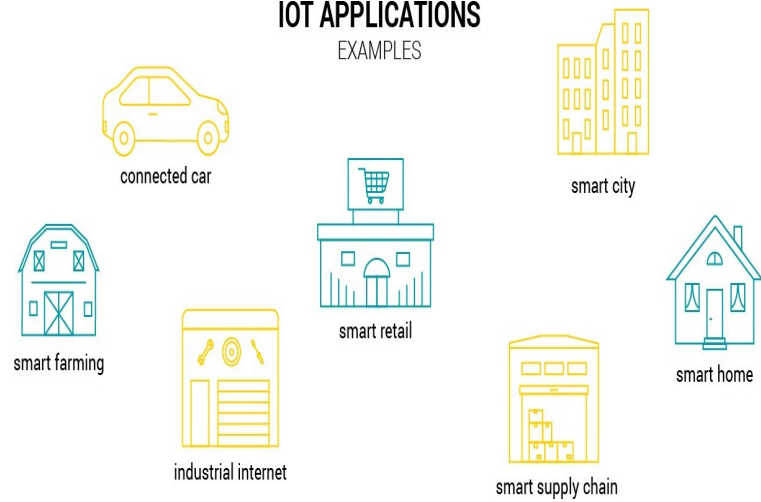
# KEY TRENDS IN IOT





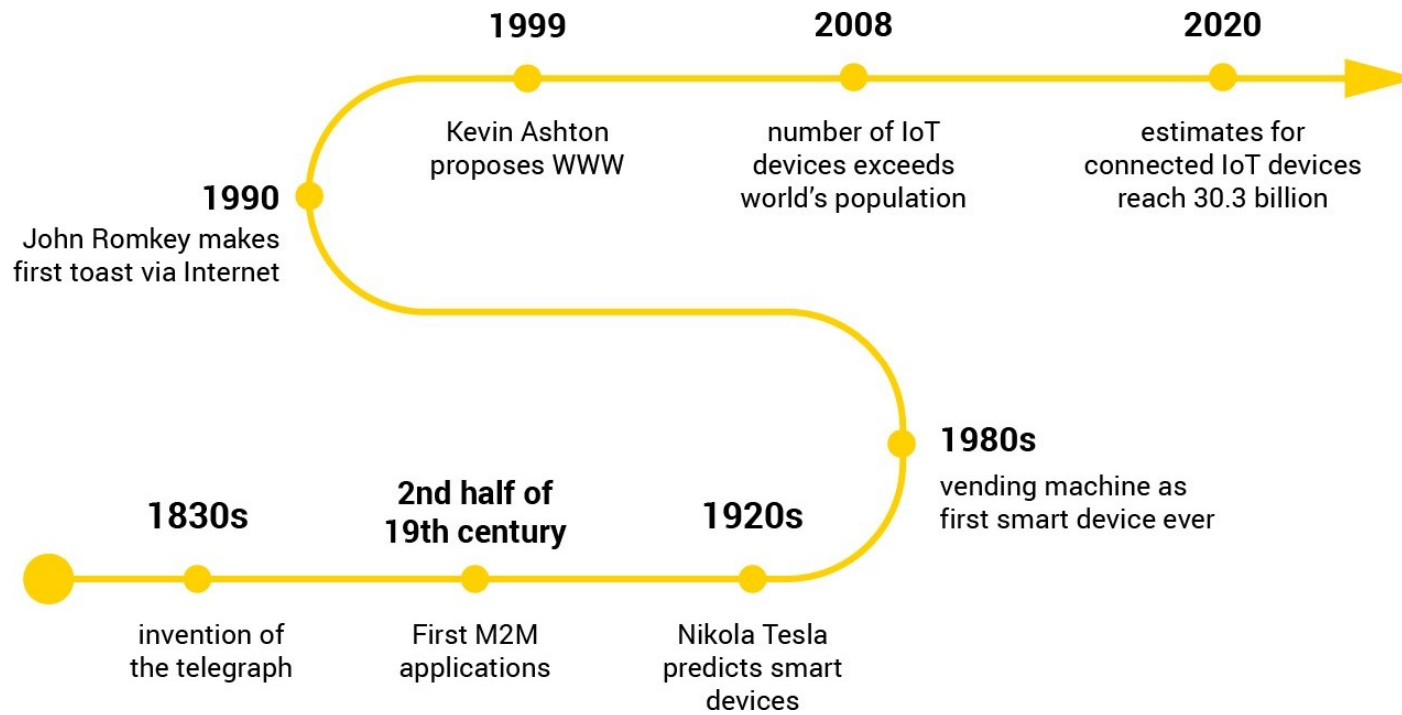
# where you can use IoT

## IOT APPLICATIONS EXAMPLES



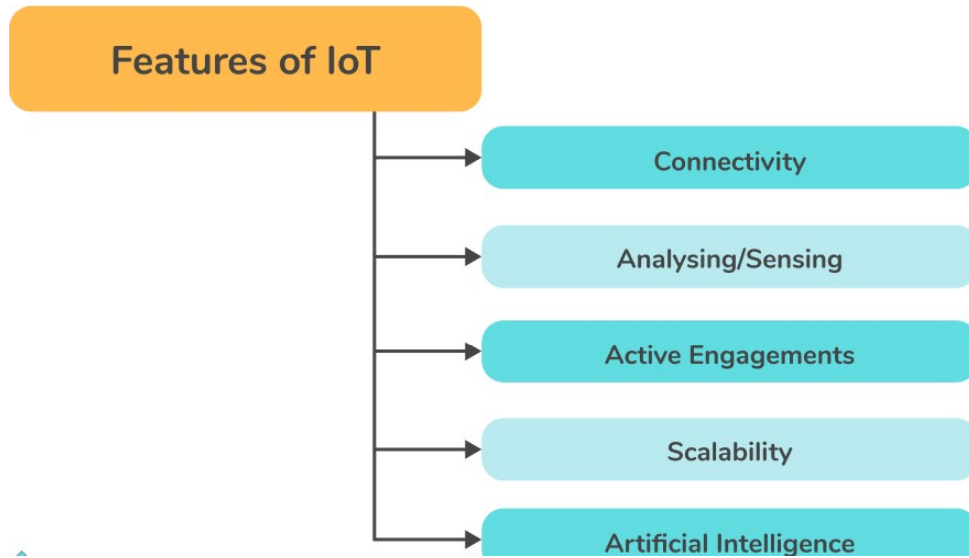


# IoT HISTORY





# CHARACTERISTICS OF IOT

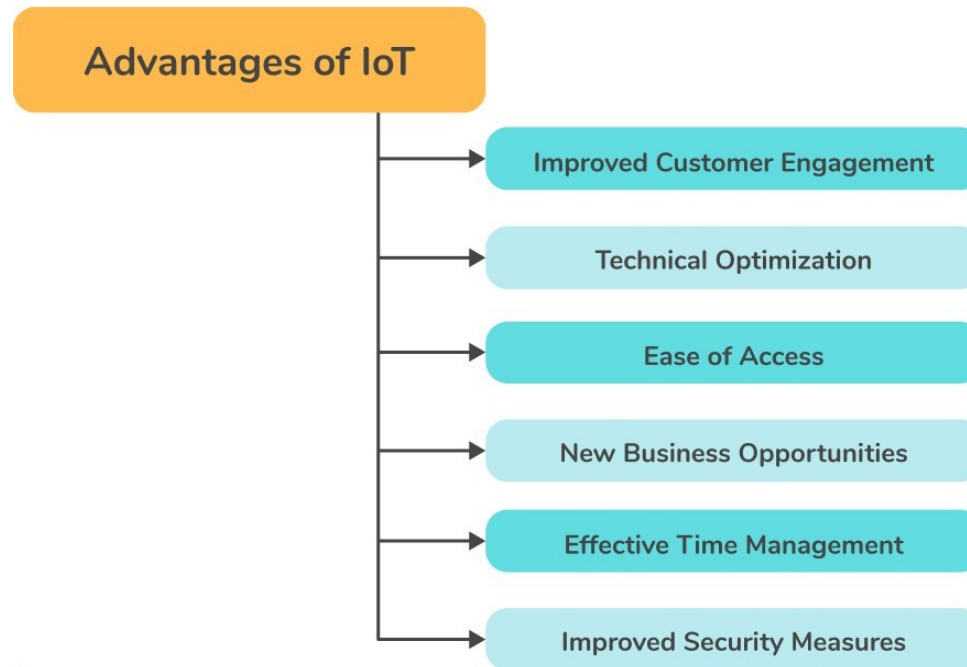


## Components of IoT Ecosystem





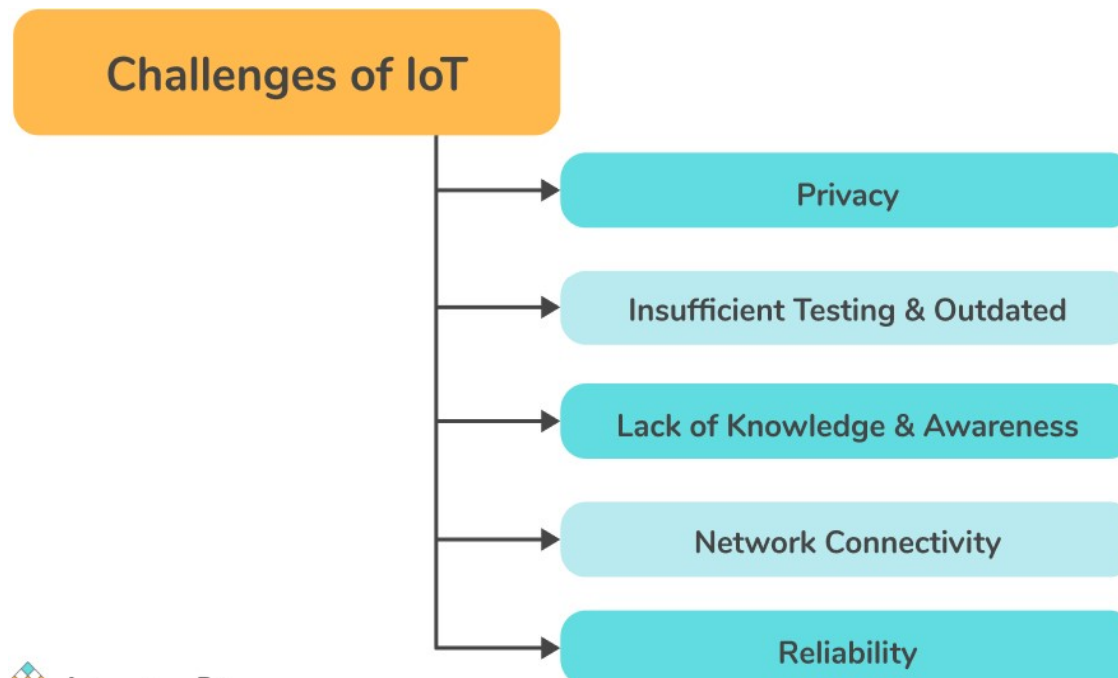
## ADVANTAGES OF IOT







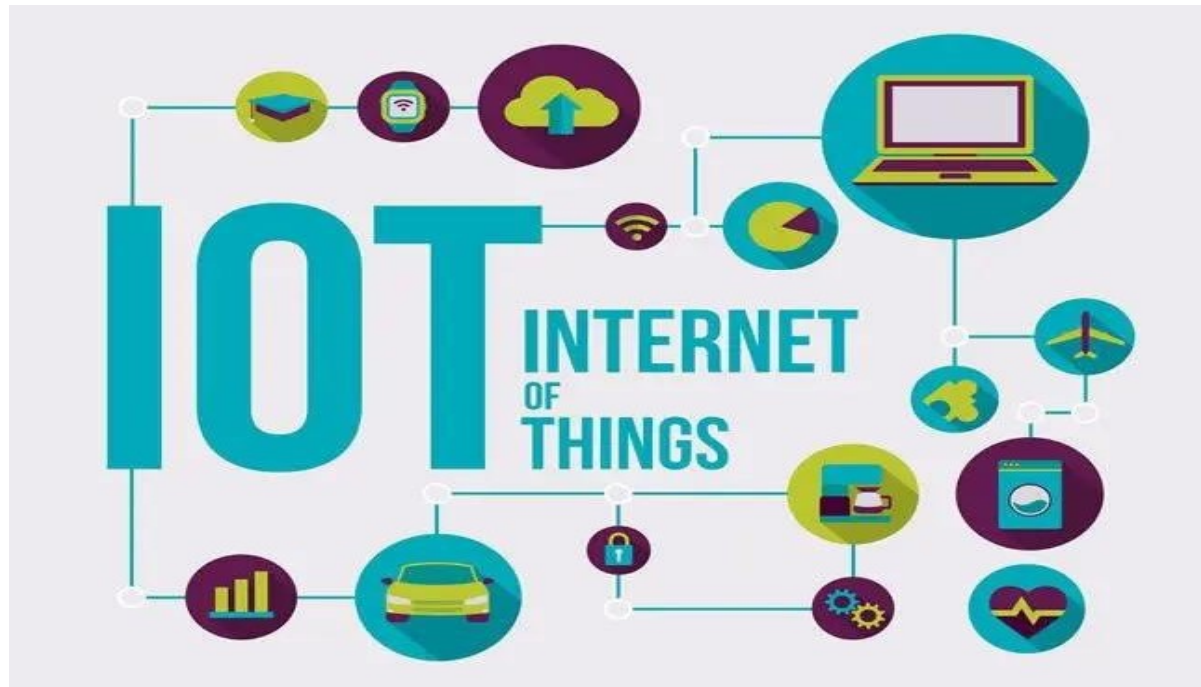
## WHAT ARE THE CHALLENGES OR RISKS ASSOCIATED WITH IOT?





# ASSESSMENT – 1

## LIST MOSTLY USED SENSORS TYPES IN IOT





## ASSESSMENT – 2

### WHAT ARE THE DIS ADVANTAGES OF IOT

What are the  
Disadvantage of IoT?





## References



- [https://www.oracle.com/in/internet-of-things/what-is-iot/#:~:text=The%20Internet%20of%20Things%20\(IoT\)%20describes%20the%20network%20of%20physical,and%200systems%20over%20the%20internet.](https://www.oracle.com/in/internet-of-things/what-is-iot/#:~:text=The%20Internet%20of%20Things%20(IoT)%20describes%20the%20network%20of%20physical,and%200systems%20over%20the%20internet.)
- <https://www.interviewbit.com/iot-interview-questions/>
- <https://www.avsystem.com/blog/what-is-internet-of-things-explanation/>

*Thank You*