



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

COIMBATORE-35.



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

DEPARTMENT OF AUTOMOBILE ENGINEERING

COURSE NAME : 19AUT205 – INTERNET OF THINGS IN AUTOMOTIVE SAFETY

II YEAR /IV SEMESTER

Unit 1- Introduction

Topic 1 : Introduction to IoT, Future and Market potential of IoT



CONTENT



- ❖ Introduction
- ❖ Features and Characteristics of IoT
- ❖ Applications of IoT
- ❖ Future of IoT
- ❖ Market Potential of IoT



What is an IoT??



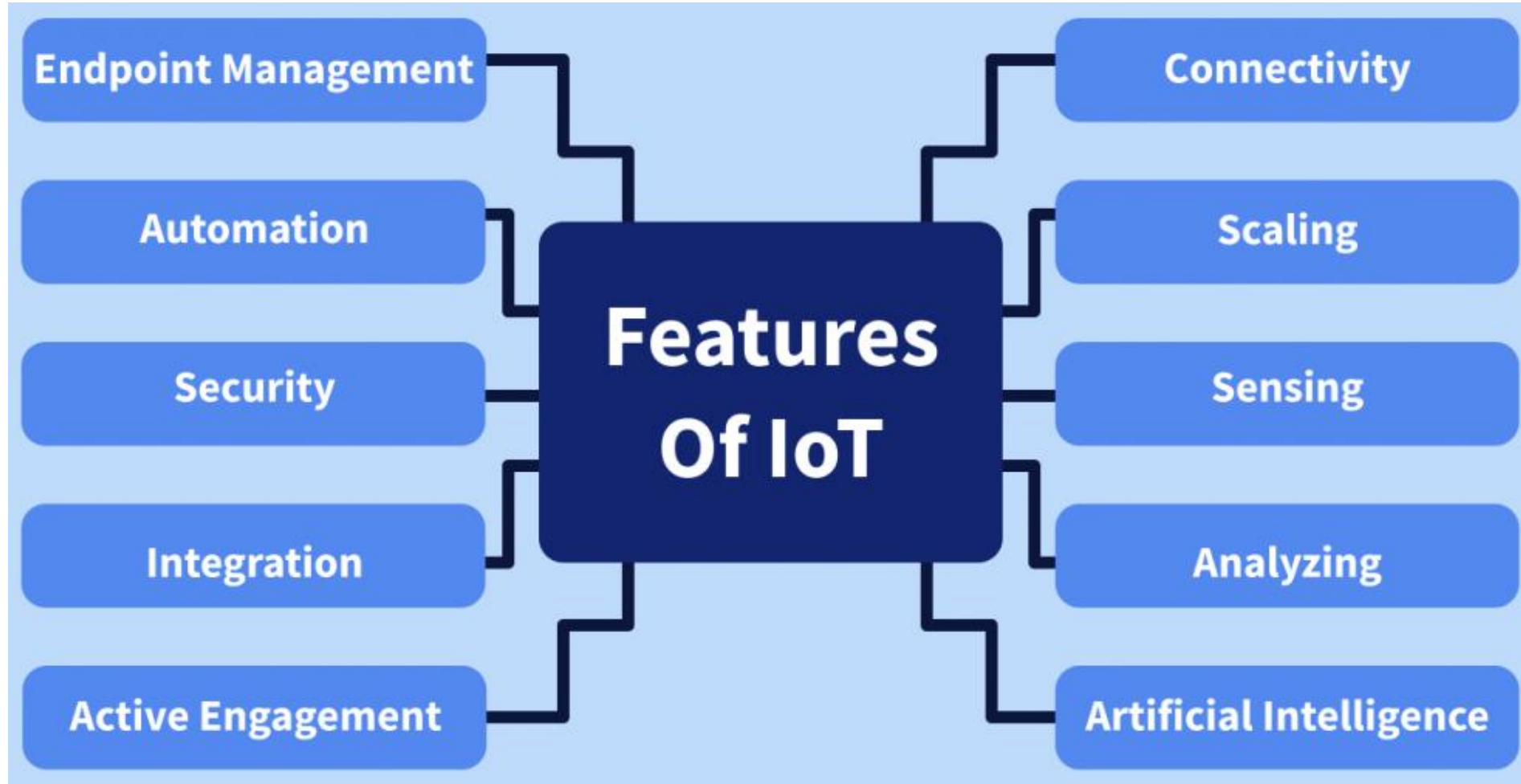
➤ The Internet of things describes physical objects that are embedded with sensors, processing ability, software, and other technologies that connect and exchange data with other devices and systems over the Internet or other communications

networks



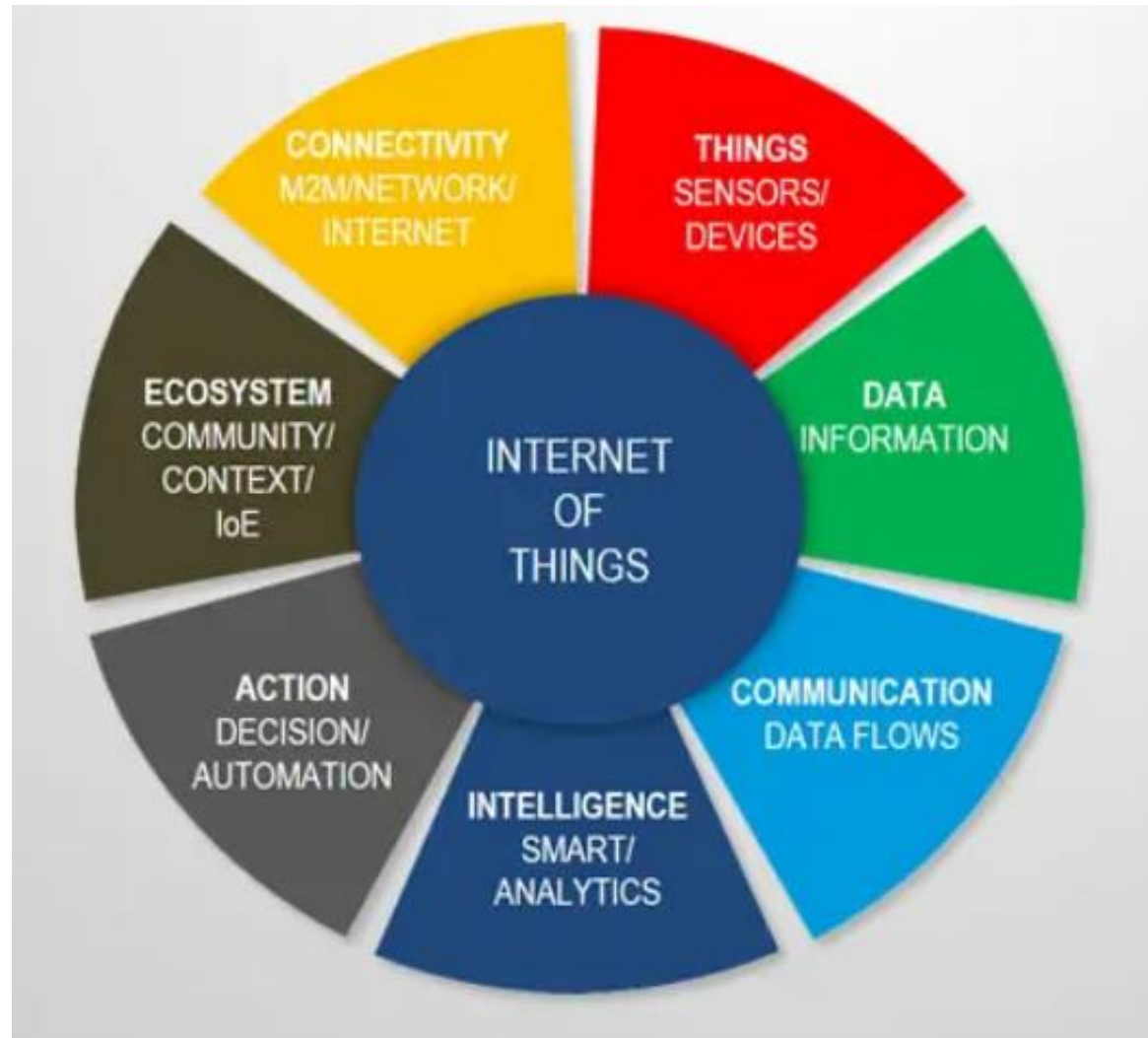


FEATURES OF IoT





CHARACTERISTICS OF IOT





APPLICATIONS OF IoT



Environmental Monitoring



Smart Home



Wearable



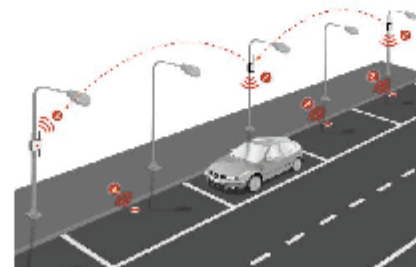
Smart Grid



Medical & Healthcare



Connected Vehicle



Smart City



Industrial Automation



FUTURE OF IoT





MARKET POTENTIAL OF IoT

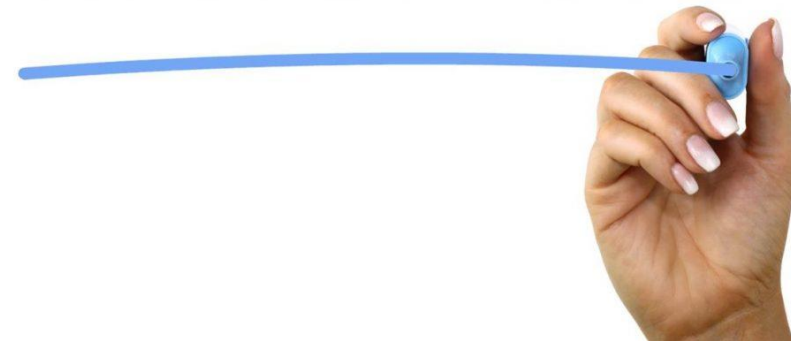


- ❖ The IoT market reached \$761.4 billion in 2020 and is expected to reach \$1.39 trillion by 2026, according to Mordor Intelligence.
- ❖ The growth is happening primarily in a few industrial sectors, namely manufacturing, retail, and health care, where IoT technology has been deployed to track illness and handle other logistics involved with pandemic abatement.
- ❖ As global infrastructure for edge computing and 5G becomes more widely accessible
- ❖ IoT is expected to be more readily available for corporate development and grow at a faster rate.



1. Mention some features of IoT
2. Mention the applications of IoT
3. what is the future scope of IoT?

ASSESSMENT





REFERENCE



- ❖ <https://www.datamation.com/trends/internet-of-things-iot-market/#market>
- ❖ <https://medium.com/@anukritisaurabh/what-is-the-future-of-iot-internet-of-things-a94182444671>



THANK YOU !!!