Internet of Things (IoT) Applications

slidemarvels

What is IoT

Need for IoT

Applications of IoT

Future Scope

slidemarvels

What is IoT

The Internet of Things is a platform where regular devices are connected to the Internet, so they can interact, collaborate and exchange data with each other

slidemarvels

NEED FOR IoT

For all devices to

Interact

Collaborate

Share experiences

Reducing human intervention into a machine cycle

slidemarvels

APPLICATIONS OF IoT

IoT in Healthcare

Provides Real Time Data

Makes Devices Smarter

Provides Superior Analytics

slidemarvels

APPLICATIONS OF IoT

IoT in Smart Cities

- Innovative Solution to Traffic Congestion
- Energy-efficient Buildings
- Improved Public Safety

slidemarvels

APPLICATIONS OF IoT

IoT in Agriculture

- Precision Farming
- Smart Irrigation
- Smart Greenhouse

slidemarvels

APPLICATIONS OF IoT

IoT in Industrial Automation

- Optimization and Time Saving
- Quality Control and Inventory Mgmt.
- Cost and Labour Efficient

slidemarvels

APPLICATIONS OF IoT

IoT in Disaster Management

- Prediction
- Preparedness
- Response
- Recovery

slidemarvels

FUTURE SCOPE

ENERGY

Energy efficient algorithms need to be designed for systems to be active longer

SECURITY

We need information seclusion methods to secure data and privacy

REAL TIME

We need to reduce the gap between machine real-time and actual real-time

slidemarvels