



SNS COLLEGE OF TECHNOLOGY



Coimbatore-35

An Autonomous Institution

Accredited by NBA – AICTE and Accredited by NAAC – UGC with 'A++' Grade(Cycle III)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

19ECE306-SMART IOT APPLICATIONS

Puzzle

Puzzle : Match the Following

Match the application with its description.

1. **Parking**
2. **Structural Health**
3. **Noise Urban Maps**
4. **Smart Phone Detection**
5. **Electromagnetic Field Levels**
6. **Traffic Congestion**
7. **Smart Lighting**
8. **Waste Management**
9. **Smart Roads**
10. **Fall Detection**

- A. Monitoring traffic density
- B. Detection and measurement of electromagnetic fields
- C. Monitoring structural integrity of buildings
- D. Managing urban lighting
- E. Efficient waste collection and disposal
- F. Monitoring and mapping city noise levels
- G. Smart parking solutions
- H. Detection of falls in individuals
- I. Using smartphones for various detections in cities
- J. Implementation of smart road technologies

Fill in the Blanks

1. Smart parking solutions help in reducing _____ (8).
2. Monitoring structural _____ is crucial for safety in smart cities (6).
3. Noise urban maps provide data on _____ pollution in cities (5).
4. Electromagnetic field levels are monitored to ensure _____ safety (9).
5. Smart lighting helps in reducing energy _____ (9).
6. Waste management systems help in efficient _____ of waste (8).
7. Smart roads include features like _____ and traffic management (10).
8. Fall detection systems are used to monitor _____ in the elderly (4).
9. Medical fridges are used to store _____ and medicines (9).
10. Patients' _____ systems are used for continuous health monitoring (11).