|  |
| --- |
|  |
| SMART PARKING |
| USING IOT |
|  |
|  |
|  |

|  |
| --- |
| **SUBMITTED BY,**  **KAVIYARASAN .A**  **au812921106022**  **kaviyarasanarun04@gmail.com** |

Innovation

**Future of smart Parking :**

Smart parking is an integrated application of wireless communication technology , mobile terminal technology , GPS positioning technology , GIS technology, etc. in the collection, management, query, reservation and navigation services of urban parking spaces. It realizes the integration of real-time update, query, reservation and navigation services of parking resources, maximizing the utilization of parking resources, maximizing the profit of parking lots and optimizing the parking services for car owners.

**Innovation :**

Parking (yes, parking) has never been more important to the world than it is today. 20 years ago, one would have considered it improbable that parking would be vital to accomplishing weighty goals like fighting climate change or achieving political equality.

**Car Parking lifts :**

Slightly related to the automated valet innovation is the idea to use car parking lifts to manage parking space. The system, which is already going mainstream, functions by “stacking” vehicles one over the other.

**3D parking design and signaling :**

3D design and signaling are shaping the use of innovative technologies like parking aid. The technology, offered by Bosch, uses sensors integrated into the vehicle’s bumper to sense and signal course adjustments and obstacles to the driver.

**Pollution based parking fees :**

For cities struggling with pollution and high emissions figures, pollution-based parking fees have emerged as a great way to save the planet. To encourage cleaner cars and improve air quality, the system imposes parking fees based on a car’s estimated environmental impact

