

# **SMART PARKING**

## **Phase-1**

### **File Name Convention-Smart Parking with IOT**

#### **ABSTRACT:**

In the current era the number of vehicles is increasing day by day. Parking vehicle in metropolitan cities has created havoc indeed that has created a major problem to park their vehicles in designated place which leads to traffic congestion during peak hours.

Which leaves the user to search for their parking?

The issue of parking system and has to come up with IOT (Internet of Things) enabled parking space allocation mechanism. Smart parking involves use of ultrasonic sensor, Arduino Uno and cloud server.

This system will be accessible through an android application to monitor the vacant slots available in parking area. This enables interaction between smart parking system and the user. It proposes to implement the parking system based on reservation. Every user has a unique OTP to occupy their own reserved slot.