**ABSTRACT**

The ever increasing vehicle population gives rise to the number of traffic problems. As the count of multiplexes and malls is rising and making the cities crowded, the traffic problems faced by the people are countless, mostly encountered one of them being the parking space availability. There is never a certainty of getting a place to park the vehicles by owners when they get to the destination. The current parking facility is unable to cope up with the influx of vehicles on road.

Presently, India doesn’t have the Smart Parking system with wireless sensor networks for full automation. Due to ever increasing influx of vehicles, there is a dire need of smart parking system management tools to manage the heavy ingress of vehicles. There are various other smart parking system alternatives like RFID enabled parking system, E-parking system, fuzzy logic implementation in parking system etc. which are, due to some technical backwardness, not feasible in India presently.

One of the solution to the aforesaid problem is Multistorey car park buildings near big landmarks where there is always a rush, like malls, multiplexes etc, in order to take the load off the roads. But the glitch here is that not many people are aware of and have faith in this facility which is recently introduced in India.

To make parking comfortable and bring these car parks to the fore, the project team has come up with ParkMeRight. A project that is meant for user friendly management of these car park systems along with letting the vehicle owners be in touch with these systems 24×7 by providing slot availability if pre-booked. Hence, the users would be able to park their cars comfortably without any hassle.