Abstract

The increase in city traffic is one of the major effects of population growth especially in urban areas. Due to this searching for a vacant parking area has become difficult during peak hours. In this paper, we have conducted a survey on different available smart parking techniques, their drawbacks and proposed solutions. As smart parking has become the need of the day, in this paper we present different innovative techniques which exploit latest technology to provide better services to the end users as well as reduce the workload of the parking administrator. Sections II to V describe existing systems and sections VI to VIII describe suggestions for a cloud application.

2. Wand and W. He, “A reservation based smart parking system” in 1st Int.’l Workshop on Cyber-Physical networking systems, April 2011.


**Index Terms**

Computer Science Information Sciences

**Keywords**

Smart Parking, ParkNet, Crowd sourcing, Cloud.