



International Journal on Recent Researches In Science, Engineering & Technology

(Division of Computer Science & Engineering)

A Journal Established in early 2000 as National journal and upgraded to International journal in 2013 and is in existence for the last 10 years. It is run by Retired Professors from NIT, Trichy. It is an absolutely free (No processing charges, No publishing charges etc) Journal Indexed in JIR, DIIF and SJIF.

Research Paper

Available online at: www.jrrset.com

ISSN (Print) : 2347-6729

ISSN (Online) : 2348-3105

Volume 4, Issue 5,
May 2016.

JIR IF : 2.54

DIIF IF : 1.46

SJIF IF : 1.329

A Canny Parking System Based on Internet of Things Technologies

ANBARASI S

Department of Information Technology
M.A.M College of Engineering
Trichy, India
Anbarasis35@gmail.com

JERINA BEGUM S

Department of Information Technology
M.A.M College of Engineering
Trichy, India
jerrinsadiq@gmail.com

Abstract : To develop an enhanced smart-parking system using Internet of Things technology. This enhanced system increases the efficiency of the current parking system and develops a network architecture based on the Internet-of-Things technology. The proposed system helps users automatically find a free parking space at the least cost based on new performance metrics to calculate the user parking cost by considering the distance and the total number of free places in each car park. This cost will be used to offer a solution of finding an available parking space upon a request by the user and a solution of suggesting a new car park area if the current car park area is full.

Keywords : Smart Parking, Wireless Sensor Network, Reservation, Resource Allocation, parking guidance and information.