# Submitted by

M. Pradeep

Dept.of Electronics and communication Engineering Anna university Regional campus coimbatore

Problem statement

.THE main objective of this project is to check or analysis the vacant parking spots In all kind of flats and metropolitan areas .the data contains lot of metropolitian cities have an parking management problem that can be seen by in various angles such high vechical density on the roads,that can be result for an annoying problemms or isues for drivers to park the vehicles it can be very difficult to find the parking spot.

.MOST of the waste their time to park the vehicles and the do lot of effort to finding parkinf space and they end vehicles finding a space on the street that can be leeds in future to space congestion.

.IN function or in festivel time we can face lot trouble to finding to park vehicle in empty space,and in troublesome to get faster to find an empty space

.Difficulty to find an free spotts where is available to park an vehicle at during conjection on traffic,it will affect all ctizens.

THE most problems to find spots is difficult during in rush hours.

.it can be affect the all kind peoples to do their work amd they can not know to park in free spot so they stop their vehicle in infront of anoter car it can affect to take out vechicles from parkig places.

# Problem Solution

* .The smart parking system is an iot based it can equipped with sensors that can be send data to application about the vacant parking spots.the drivers can use the this application todirect to themselves to known available parking spaces instent that can helpful to their times and it can help reduce the ruses in parking places.

.ONCE the car or any vehicles enter in the parking yard during that spot the smart parking application send their

data to driver which parking place can free,that the message was relayed to update by an network.

.we can use and develop an application to give an more details by updating their application,like to add an to give an share an details in displays like which place is free and parking was filled it was shown .

.WE can reduce the scares to do parking ,it can real time data application allowsto monitor the available and unavailable parking spots.

It can help to save time and resource and efforts.

.in feture smarts parking are lifts along automated robotic systems,it will automatically park and it will very fast to enter in on platfoms

DATA SETS

The first and foremost step In is collect the datas is related to their application.

MODELLING

The process to implemente the model the software and its components are connected to given by an proper

instruction to check an output by implementatin softwares.

VALIDATION

The validation is the model.it will defines the quality of the models and their process response ,and set a input and output to check an model and their validated.

EVALUATION

THE evaluate the model by respose of their implementaion.

FUTURE WORK

.in future of smart parking systems is expected to be signify influencer by the arrival of automatted vehicles.

DEveloping a smart parking soliution within a city solves pollution problems..

.