



PRIYADARSHINI ENGINEERING COLLEGE VANIYAMBADI-TIRUPATTUR

COLLEGE CODE:5119

COURSE NAME:IBM

GROUP NUMBER:2

PROJECT TITLE: TRAFFIC MANAGEMENT

PROJECT SUBMITTED TO:SKILLUP

YEAR:3

DEPARTMENT:ECE

SEMESTER:5

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TRAFFIC MANAGEMENT

PROBLEMS:

Traffic jam is a part of our daily lives. Being stuck in traffic for long hours results in unproductive time. People can get late for their important works.

Sometimes to reach their destination people drive fast which causes accidents. In some emergency cases ambulance get stuck in traffic resulting to life threads.

SOLUTIONS:

To recover this traffic congestions IOT devices and image processing has been introduced. Camera's are used to monitor traffic congestions. Camera's can be placed at important location such as main road, signals and commercial Streets.

The captured visuals from the camera can be shared to public platform or through mobile apps aiding commuters to choose optimal routes. Other methods include sensors on vehicles to send location through gps to CLOUD.

If more sensors are detected in particular place indicates traffic in that place. We can easily analyse the traffic congestion through our mobile phones using sensors. We can also set security alarms incase more sensors are detected in particular place