

Peak hour traffic management.

The National institute of engineering, Mysore/ 1st SEM/ E&C - B Section

PROBLEM STATEMENT

Peak hour traffic management.

TEAM MEMBERS

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INTRODUCTION

traffic can be analysed based on the peak hours of the days, hence while suggesting or redirecting the heavy vehicles during such hours with map intimation or signal time implementation can reduce the traffic inside the city.

Modern world challenges need modern solutions. Traffic is one of the common problems arising not only in the major metropolitan cities but also in rural areas with good network connectivity. Need to know basis traffic updates would help the long haul vehicles to take different routes to reach the destination in less time and traffic for locals would be reduced As part of development projects and growing the nation the network of roads has been improving but still arising of the number of vehicles being an major issue and controlling traffic is the real time challenges as traffic increases the travelling time for shorter distances also. Long haul vehicles will face immense challenges to cover up for the lost time in traffic and due to which overspeeding and the other factors influence the accidents and many more.

IDEA GENERATION

We developed a system using an ultrasonic sensor, arduino and IR sensor which helps to indicate whether the parking lot is filled or not. If it is full, then at the entrance only, there will be the indication which helps the driver to plan for an alternative option which not only saves his time but also manages the traffic.

PROTOTYPE IMAGES

