

Department : Civil

Year : 2018-2019

Group No: 11

Guided By

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**Project Title**

**AUTOMATIC TRAFFIC CONTROL DEVICE - A  
CASE STUDY OF MODHERA INTERSECTION,  
MEHSANA**

**Abstract:**

Traffic is a problem in many urban areas worldwide. Rapidly increase vehicles growth creating problems such as congestion on roads, traffic jam and accidents on road network. Based on the literature review, it is identified that road intersection is one of the major problematic components of road network among straight, curve and intersection. A haphazard traffic flow at intersections causing various problems. Therefore, there is a need to take some remedial measure to short out these problems. Intersection of any road network can be controlled by installing the Traffic Signal, Rotary and Islands. A study area "Modhera Intersection, Mehsana" has been chosen to carry out the traffic study and need to identify the selected provision to install the best feature on intersection to control the traffic. The purpose of this project is to find a way to make intersections controlled with traffic signal more efficient.

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