



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

GROUP MEMBERS: SHALINI.J

GUIDED BY :DR. A.BANUPRIYA.HOD/ECE

SPOC NAME : DR. R.THENMOZHI .HOD/EEE

PHASE 4

TRAFFIC MANAGEMENT

The pi then determines the level of traffic and allots timing to the traffic light indicators which are the RED, YELLOW and GREEN LED's fig1 shows the setup of the prototype housing the camera module.

The RASPBERRY pi , the ultrasonic sensors and the traffic light indicators . Every time the raspberry pi finds the level of traffic it updates the values to think speak to the platform.

HARDWARE COMPONENTS



Fig 1: Four way traffic junction prototype

SOFTWARE COMPONENTS



Fig: 2 Raspberry pi camera module.