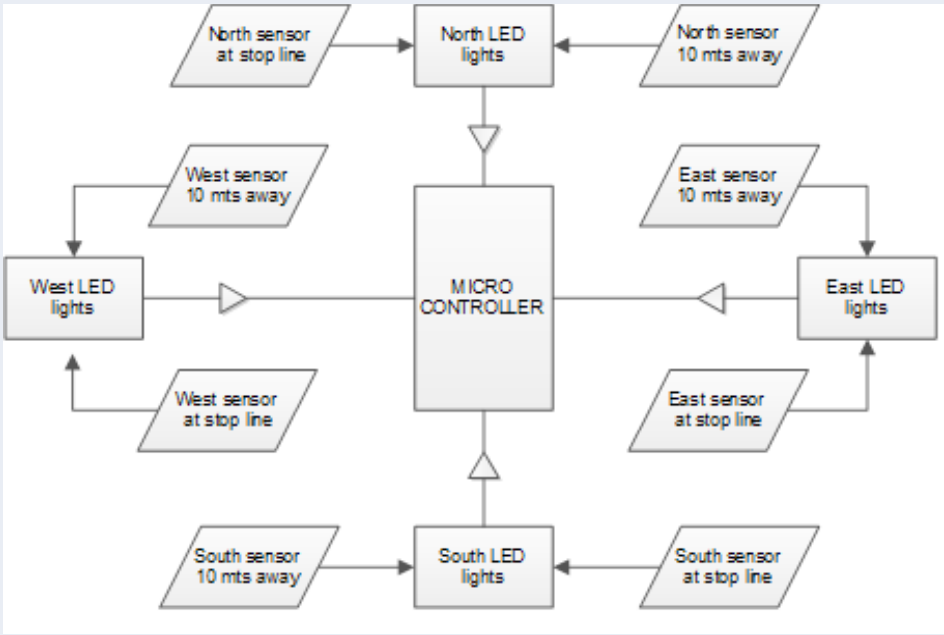
Department of Computer Science and Engineering

PROJECT TITLE	**TRAFFIC GESTURE MASS REGULATORY SYSTEM**
STUDTENT NAMES	V.YOKESH
SUPERVISOR	M.Gokula Krishnan.M.E., Assistant professor
OBJECTIVE	The main objective is to formulate generalized fuzzy logic for controlling heavy traffic and to provide an effective less waiting time for traffic in Congested cities, Controls traffic to a maximum extent, Ensure traffic congestion totally based on the density of traffic, Represent fuzzy logic as an adaptive method to control traffic
ABSTRACT/IDEA	Traffic jam is a major complication in urban cities all over the world. Road ways are the neural network of a country for its development.This system allows the signaling processing and waiting time to be reduced and ensures that the time taken in a travel will be reduced. Fuzzy logic is the technology which is been involved in the proposed system but it is not been widely used in the existing system, the input parameters are been send into the board by the sensors which are been placed at a distance. The proposed system uses the priority scheduling process. In real time four way junction which have a high density of motorcycle flow hence the use of fuzzy logic is been implemented it is been used in several different places in designing a rob which thinks with its input parameters give from the external hardware devices. The use of fuzzy logic in traffic light controller is been established to get the preferred sequence of signaling process on road lines of metropolis
TECHNOLOGY USED	1 .Fuzzy Logic 2. traffic lane division 3. Arduino microcontroller
WORKING STEPS	1. Usual timer mode (existing system) 2. Sensor mode (proposed system) 3. Night mode (yellow light blinking)

REQUIREMENTS	1. Arduino Leonardo 2. Tinerkit LED (red, yellow, green) 3. Tinerkit wires 3pin (4 pair) 4. Variable resisters

SYSTEM ARCHITECTURE



BENIFITS	1. It works effectively in partial density state and full traffic state 2. It reduces time consumption in traffic waiting time

SCREEN SHOTS