

**Title of Mini project:** Simulate Modern Traffic Control System Using 8051 Microcontroller and ALP.

**Objective:** My main objective is to create a traffic control system with 8051 microcontroller using the simulation environment of Proteus. To provide accurate result and analysis I will use Assembly Language Program. I will try to simulate a 4-way traffic lane where red, yellow and green light signals the traffic. The order the lights will be green to red, red to yellow and yellow to green. I will try to attach a time counter in the simulation to determine the duration of the lights. For that I will use Assembly Programming Language.

**Tools Required:**

1. Software: Proteus
2. Language: Assembly Programming language

**Group Member:**

<u>Name</u>	<u>ID</u>
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Course Code: CSE 360

Course Title: Computer Architecture

SEC: 03

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