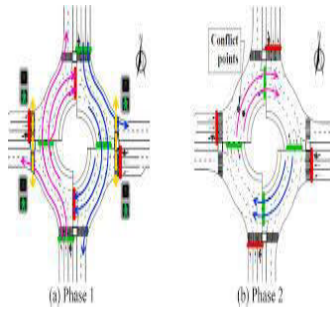


## Workshop on Traffic Signal Design by Webster Method

Date: 5<sup>th</sup> April, 2022  
Time: 09:00 am to 11:45 am



### Objective-

The main objective of the Workshop was to conduct traffic surveys at Unjha Intersection to measure the Total Traffic Volume at intersection and using this data design the Fixed traffic Signal design by Webster method.

### Summary:

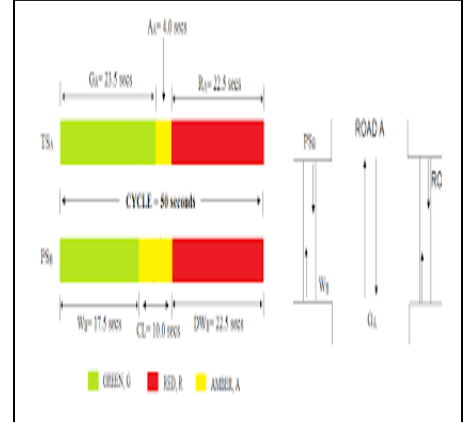
As per the objective of the workshop, traffic surveys were conducted at Unjha Intersection. In the traffic surveys Traffic Volume Count Study at Intersection was conducted.

For Traffic Volume Count Study a sheet is prepared as per the PCU classification. Whole class is divided into 4 groups and each group is posted at each leg of the intersection to fill up the traffic volume count sheet. Traffic volume count is done at each leg as per the PCU classification with turning movement.

After conducting the field work, calculation part is done by the students. In calculation part all traffic volume count is converted into PCU value at each leg individually and calculate Two Phase Signal Design using Webster Method in Class Room.

Smt. S.R. Patel Engineering College

# Workshop Report



### Course Participant:

Workshop was organized for the students of 6<sup>th</sup> Semester, Civil Engineering.

### Workshop In charge:

Prof. Hiren V. Patel