

## Workshop on Intersection Volume Count Survey & Spot Speed Study

Date: 2<sup>nd</sup> October, 2015  
Time: 09:00 am to 5:00 pm



### Objective-

The main objective of the Workshop was to conduct traffic surveys at Unjha Intersection to measure the Total Traffic Volume at intersection and Spot Speed at mid-block section.

### Summary:

As per the objective of the workshop, traffic surveys were conducted at Unjha Intersection. In the traffic surveys two traffic study were conducted e.g. Traffic Volume Count Study (i) At Intersection (ii) At mid-block, Spot Speed Study.

For the first traffic study i.e. 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.

For the 2<sup>nd</sup> traffic study i.e. Spot Speed Study, A sheet is prepared to note down the time to cross a 50 meter mid-block on SH-41.

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. A flow diagram is prepared with the help of PCU values for Unjha Intersection. Another graph is prepared to measure the Design speed from the collected spot speed data.



### Course Participant:

Workshop was organized for the students of 5<sup>th</sup> Semester, Civil Engineering.

### Workshop In charge:

Prof. Hiren V. Patel      Prof. Vineet Jain

**Smt. S.R. Patel Engineering College, Dabhi**

Student's Feedback Result for workshop (Intersection Volume Count Survey)					
Feedback Criteria	Highly Satisfied	Satisfied	Neutral	Dissatisfied	Highly Dissatisfied
Workshop Topic	72	17	11	00	--
Site Selection	40	30	15	10	05
Understanding	35	52	13	--	--
Time Allotted	53	45	02	--	--
Faculty Support	84	09	07	--	--
Practical Application	82	18	--	--	--
Need of Such workshop in future	82	08	08	02	--