

## CE 313: Transportation Engineering Lab-II (0-0-2: 1)

**Course Objective:** To give a hand on experience of the actual planning of transportation and traffic control to add knowledge to the theoretical subjects.

### **Suggested list of experiments**

- 01) Headway studies: Free flow, Intermediate flow, High Flow;
- 02) Speed-Volume studies
- 03) Signal design
- 04) Parking studies
- 05) O-D survey;

### **References:**

1. Khisty, C.J. and Lall, B.K., "Introduction to Transportation Engineering", Prentice-Hall India
2. Khanna, S.K. and Justo, C.E.G., "Highway Engineering", Nemchand Bros
3. "Specifications of Road and Bridge Works", MORT& H
4. "Geometric Design of Streets and Highways", AASHTO Book
5. Harold, N. A., "Highway Materials, Soil and Concrete", Prentice Hall
7. Arora, S. C. & Arora, S.P., "A text book of Railway Engineering", Dhanpat Rai
8. Mundrey, J.S., "Railway Track Engineering", Tata McGraw Hill

**Expected outcome:** Students will gain knowledge and shall be able to do the actual field investigations.

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