TRAFFIC MANAGEMENT LAB

(Skill based lab Elective-IV)

Course Code: 20CE11S6

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Pre-requisites:

Course Outcomes:
At the end of the course, the student will be able to:
CO1: Analyse the traffic volume and speed data using Ms Excel (L2)
CO2: Analyse the parking and Origin-Destination data using computer software (L2)
CO3: Analyse HIS and gap acceptance data using computer software (L2)
CO4: Analyse the intersections using computer software (L2)
CO5: Simulate various traffic and road conditions using computer software (L2)

(Any 12 out of 14 experiments)

LIST OF EXPERIMENTS

1. Traffic Volume count Analysis

2. Speed Study Analysis

3. Parking Study-On street

4. Parking Study-Off-Street

5. Origin - Destination Survey Analysis Using Desire line Diagram

6. Home Interview Survey-Data Analysis

7. Gap Acceptance Study at intersection.

8. Delay study at intersection

9. Signalised Intersection Study Using Software Package

10. Simulation Study-Mid Block

11. Simulation Study- Junction

12. Simulation Study-Parking Area

13. Transportation Planning-Application1 (Software Package)

14. Transportation Planning-Application2 (Software Package)

Reference:

1. Traffic Engineering Manual.