

GUJARAT TECHNOLOGICAL UNIVERSITY
Diploma in Transportation Engineering
Semester V

Subject Name: **Traffic Engineering – I**

(A) Surveys:

(a) Time allocation for Survey and Term work preparation :

Sr. No.	Course Content	Hrs.
1.	Vehicular Characteristics: - Physical Characteristics - Operating Characteristics	06 Hrs
2.	Traffic Volume Stud (Any two): - Classified volume counts - Intersection volume counts - Cordon volume counts	24 Hrs
3.	Spot Speed Study: - Stop Watch method	10 Hrs
4.	Travel Time and Delay study (Any two): - License plate method - Interview method - Test car method	20 Hrs
5.	Parking Study (Any two): - Space inventory - Parking interviews - Parking Usage study - Cordon counts	20 Hrs
6.	Accident Study: - Accident Reporting - Accident Recording	04 Hrs

(B) For all Surveys, there is compulsion in presence for Students

Sr. No.	Course Content
1.	- Conducting Survey - Data collection - Filling of appropriate proformas - Calculations - Analysis and presentation of data - Preparation of various charts

(C) Practical(Viva) Examination after term end exam