

EVALUATION OF TRAFFIC SAFETY BY USING TIME TO COLLISION: A CASE STUDY OF RAJKOT CITY

Submitted By

**FALDU VISHVAKUMARI KIRANKUMAR
(200041004)**

Supervised by

MR. MAYURSINH JADEJA

Assistance professor

**Civil engineering Department,
Atmiya University, Rajkot.**

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Month and Year

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**Civil Engineering Department,
Faculty of Engineering & Technology
ATMIYA UNIVERSITY
Yogidham Gurukul, Kalawad Road, Rajkot**

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It is certified that the work contained in this dissertation thesis entitled '**EVALUATION OF TRAFFIC SAFETY BY USING TIME TO COLLISION: A CASE STUDY**' submitted by **Miss. FALDU VISHVAKUMARI KIRANKUMAR, 200041004** studying at Civil Engineering Department, Faculty of Engineering & Technology, for the award of M.Tech (Civil Engineering –Transportation Engineering) is absolutely based on his/her own work carried out under my/our supervision and that this work/thesis has not been submitted elsewhere for any degree/diploma.

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Dedicated to,

For every success of my life, for

Being worm and caring, great

Enthusiasm, Inspiration, Support &

Love is Heart of my Achievement.

Thank you.

My Mom, Dad &

My beloved Friends

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Place: Atmiya University, Rajkot

- Vishvakumari K. Faldu

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**“Evaluation of traffic safety by using time to
collision: A case study”**

By

200041004

Miss. VISHVAKUMARI K. FALDU

Atmiya University

ABSTRACT

Traffic safety is extremely important, especially on city streets where traffic volumes are high and traffic conflicts are common. As a result, it is critical to design a methodology for assessing traffic safety. The study's issues are as follows: The common roadway is used by a large number of venerable road users and vehicular traffic. Driving standards are poor, and traffic safety is limited along that section of the road. The time to collision (TTC) samples from traffic videos taken from kotecha circle to indira circle with different locations and traffic conditions are first analyzed in this paper. However, according to field survey data, a lateral separation between the leader and the follower occurs frequently in complex traffic conditions. As a result, we redefined the time-to-collision equation by taking in lateral separation (TTC). TTC samples can be categorized into three groups: risky scenarios, relative safe situations, and absolute safe situations. Following that, the proposed traffic safety indictor is used to represent the assessment results of urban road traffic safety.

KEYWORDS: Time to collision, traffic safety, traffic volume study, spot speed study

CHAPTER 1 INTRODUCTION

1.1 GENERAL

One of the fundamental measures of traffic on a road system is the volume of traffic using the road in a given interval of time. Knowledge of the vehicular volume using a road network is important for understanding the efficiency at which the system work at present and the general quality of service offered to the road users. Knowing the flow characteristics one can easily determine whether a particular section of the road is handling traffic much above or below its capacity. If the traffic is heavy, the road suffers from congestion with consequent loss in journey speed. Lower speed cause economic loss to the community due to time lost by the occupants of the vehicles and the higher operational cost of the vehicles. Congestion also leads to traffic hazards. Volume counts are, therefore, indicators of the need to improve the transport facilities and are an invaluable tool in the hands of a transport planner. They enable him to draw up schemes for improvement of roads based on a system of relative priorities and to allocate the scarce economic resources most advantageously.

1.1.1 TRAFFIC COLLISION

Any vehicle accident occurring on a public roadway is referred to as a traffic collision. A vehicle accident is assumed to have occurred on a public highway, with the exception of accidents involving only off-road motor vehicles, which are categorized as non-traffic accidents unless otherwise mentioned. When a vehicle collides with another vehicle, pedestrian, animal, road debris, or other, it is known as a traffic collision.

There are 3 stages of traffic collision: vehicle, human, internal. The advantage of the collision is the vehicles have the ability to spot obstacles in front of or behind them. And the disadvantage of the collision is the difficult for the technology to recognize every possible scenario that can happen on the road. There are many factors affecting collision

Like vehicle design, speed and operation road design, road environment, driver skill impairment due to alcohol and drugs, behavior speeding and street racing etc.



Fig 1.1 traffic collisions

1.1.2 TRAFFIC SAFETY

Most car manufacturers are currently focusing on vehicle technology to improve driver comfort, which may have an impact on traffic flow characteristics and traffic safety. Recent technical improvements in the field of automated driving activities, such as the development of Autonomous Intelligent Cruise Control (AICC) or Collision Avoidance Systems, as well as their proper implementation, justify the safety impact assessments.

The introduction of new technologies is projected to have a positive impact. The impact of vehicular technologies on traffic safety will be both good and bad. Direct safety indicators such as accident and death frequencies cannot be collected in many situations because

Intelligent driver support systems are not yet widely used in the car traffic flow. Because empirical accident data collection is not currently possible, different safety assessment methods are required.

1.2 TYPES OF COLLISION

Road traffic collisions generally fall into one of four common types:

- Lane departure crashes, which occur when a driver leaves the lane they are in and collide with another vehicle or a roadside object. These include head-on collisions and run-off-road collisions.
- Collisions at junctions include rear-end collision and angle or side impacts.
- Collisions involving pedestrians and cyclists.
- Collisions with animals.

Head-on collisions: Because of the high speed involved when a head-on collision occurs, the results are usually poor. Inadvertently crossing into the path of an approaching vehicle is the most common cause of head-on crashes. However, after drifting to the side of the road instead of the centre, the root cause is sometimes a steering overcorrection.

On highways with limited lanes, severe curves, no separation of opposing traffic lanes, and large traffic volumes, the risk of a head-on collision is greatest. As speed rises, crash severity, as measured by the risk of death and injury, as well as car repair costs, starts to rise.

Collisions involving pedestrians and cyclists: A frontal collision kills the majority of pedestrians. A pedestrian is struck by a car in the front; for example, the bumper touches the leg or knee-joint area; the lower half of the body is driven forward, while the upper part of the body turns and accelerates to the automobile; the pelvis and thorax are likely to be damaged.

The head then slams into the windscreen at the same speed as the impacting vehicle. The victim finally collapses on the ground.

Collisions at junctions: Intersection (road junction) collisions are a typical form of traffic collision. When one vehicle crosses an opposing lane of traffic to turn at a junction, or when one vehicle enters the path of an adjoining vehicle at an intersection, collisions can occur.

Collisions with animals: When a single road vehicle collides with another vehicle, it is referred to as a single-vehicle collision.

They frequently have the same root reasons as head-on crashes, but there was no other vehicle in the path of the vehicle that swerved out of its lane. On highways, severe crashes of this nature are more likely to occur since speeds are higher, increasing the severity.

Run-off-road collisions, collisions with fallen boulders or debris in the road, rollover crashes in the roadway, and collisions with animals all fall into this category.

1.3 MAJOR CAUSES OF COLLISION

Distracted driving: Distracted driving is one of the most common causes of car accidents. In recent decades, the incidence of accidents caused by distracted driving has increased. While driving, drivers must pay complete attention to what is going on around them, and this should be instilled in them. Driving while reading messages, responding to texts, answering calls, reading, grooming, and other activities might be dangerous.

Drunk driving: One of the most hazardous causes of road accidents is driving while under the influence of any medication. Take a cab or give your keys to a sober buddy who can drive you home if you've had a drink or anything. It is not worth the danger to drive while drunk.

Speeding/ Reckless Driving: When you're late or driving on a deserted road, it's all too easy to hit the accelerator and raise your speed. Speeding increases the intensity of accidents and has been proven to be lethal in the majority of cases. As a result, even if you are running late, it is best to drive within the legal limits. Reckless driving almost always results in horrible accidents. To avoid unintentional accidents caused by carelessness, take your time and remain cool behind the wheel.

Not Wearing Seat Belt: When driving, it is mandatory to wear a seat belt. It not only maintains your posture in control, but it also lowers your risk of injury in the event of a head-on accident. It also enhances the chances of the drivers surviving without suffering any severe injury.

Rain or Wet Roads: Wet roads are slick, and as a result, they can be dangerous for vehicles because the wheels lose traction. While driving in the rain isn't always Possible, the slippery streets should be avoided whenever possible. You should also pull over if visibility is very low and wait until the rain stops.

Potholes and Bad Road Condition: Poor road conditions are unavoidable and extremely inconvenient for motorists. To avoid damaging your car, be very cautious around potholes. Avoiding potholes by smearing your vehicle might be dangerous.

Breaking Traffic Rules: The roads will be a safer place to be if everyone follows the traffic rules. The rules are straightforward, but few individuals follow them. Stop is always indicated by a red signal. Running a red light and disobeying the law, even if no other vehicles are approaching, might result in a serious accident. Recognize that life is more important than all of your excuses put together, and it's always better to be safe than sorry.

Tailgating: There's no excuse to get too close to the cars in front of you, no matter how excruciatingly sluggish they may be moving. Maintain a safe distance from other vehicles to allow enough time to react to unexpected turns. All of these factors may appear to be simple, but they are the primary causes of accidents on Indian roadways. Accidents have a slew of disadvantages. Having your vehicle insured can provide you with a sense of relief. As a result, for your four-wheelers and bikes, we recommend that you have a valid car insurance or two-wheeler insurance policy. If your automobile or Two-wheeler insurance coverage has expired, you can renew it online in a matter of minutes.

1.4 TRAFFIC COLLISION IN INDIA

Every year, traffic collisions are a major cause of deaths, injuries, and property damage in India. According to the National Crime Records Bureau's (NCRB) 2016 report, there were 496,762 traffic collisions involving roads, trains, and railway crossings in 2015. Road

Crashes accounted for 464,674 collisions in India, resulting in 148,707 traffic-related deaths.

The three states with the highest overall number of deaths were Uttar Pradesh, Maharashtra, and Tamil Nadu, which together accounted for roughly 33% of all traffic fatalities in India in 2015. In 2015, India reported a traffic collision rate of roughly 0.8 per 1000 vehicles, compared to 0.9 per 1000 vehicles in 2012, and an 11.35 death rate per 100,000 people, adjusted for 182.45 million vehicles and its 1.31 billion populations. According to Gururaj, Tamil Nadu, Goa, and Haryana had the top three

Highest traffic mortality rates per 100,000 people in 2005, with a male: female fatality ratio of roughly 5:1. Sources differ in terms of total fatalities, rates per 100,000 people, and regional variation in traffic crashes per 100,000 people.

For example, in 2018, Rahul Goel reported an average death rate of 11.6 per 100,000 persons in India, with Goa having the highest fatality rate. According to the UN World Health Organization's 2013 global survey of traffic incidents, India had a road death rate of 16.6 per 100,000 people in 2013. India's average traffic collision mortality rate was 17.4 fatalities per 100,000 people, close to the global average of 17.4 deaths per 100,000, lower than the 24.1 deaths per 100,000 reported by low-income nations, and higher than the 9.2 deaths per 100,000 reported by high-income countries in 2013.

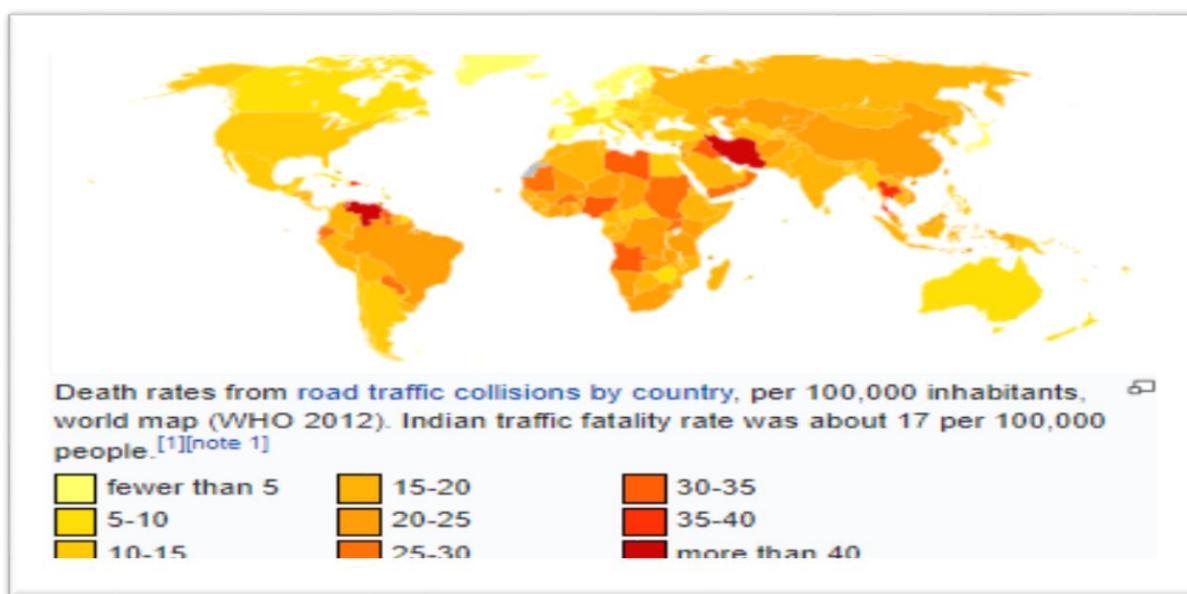


Fig 1.2 Road traffic collisions by country

1.5 NEED OF THE STUDY

- 1) For increasing traffic safety at road level
- 2) Reducing accidents.
- 3) For carried out to analyze the different traffic characteristics and parameters of the studies.
- 4) The various traffic survey studies generally carried out are:
 - speed study
 - Traffic volume study
 - Vehicle headway study etc..

1.6 PROBLEM OF THE STUDY

- 1) Large numbers of pedestrians and animals share the common roadway
- 2) Low driving standards
- 3) Availability of traffic safety are low at that road section.
- 4) Defective roads, poor street lighting, defective layout of cross roads and speed breakers.

1.7 OBJECTIVES OF THE STUDY

- 1) To determine time to collision on urban road.
- 2) To reduce accident from remedial measures on urban road.

1.8 STASTICAL ACCIDENT DATA

Road traffic accidents are the leading cause of death among young people and the eighth leading cause of death worldwide, with 1.24 million deaths predicted each year. Developing countries represent approximately 85% of all deaths. Males, particularly those between the ages of 15 and 44, are disproportionately affected by road accidents. Countries spend between 1% and 2% of their total national product on traffic accidents.

Although developing nations accounted for only 52 percent of all automobiles on the road, they account for 80 percent of all road traffic deaths (WHO, 2013). Road traffic accident fatalities and injuries are an important and growing medical, social, and economic issue in India.

Every year, almost 2,650 people die and 9,000 people are injured in traffic accidents. In India, 137,423 people died and 469,900 people were injured in road accidents in 2013, the most recent year for which statistics is available. With about 140,000 deaths each year, India has overtaken China as the world's leading cause of road deaths.

Table 1.1 comparisons of international fatality rates

| Country | Motorization Rate (No. of Vehicles per 1,000 People) | Fatality Rate (No. of Fatalities per 10,000 Vehicles) | Fatality Risk (No. of Fatalities per 100,000 People) |
|---------------------------------|--|---|--|
| India (2013) | 130 | 8.6 | 11.2 |
| Germany (2012) | 657 | 0.67 | 4.4 |
| Japan (2012) | 651 | 0.63 | 4.1 |
| New Zealand (2012) | 733 | 0.91 | 6.9 |
| Sweden (2012) | 599 | 0.50 | 3.0 |
| United Kingdom (2012) | 599 | 0.51 | 2.8 |
| United States of America (2012) | 846 | 1.26 | 10.7 |

In 2019, as many as 2900 accidents reported in the 11 police station limits, according to the data compiled by the police department. It is estimated that the mortality in these accidents is at least 10%. The analysis of the accidents revealed that kuvadva road and the road from Greenland chowkdi to gondal chowkdi on the city's outskirts reported maximum number of accidents, while both these roads connect to the GIDCs and other industrial areas, heavy vehicles also these roads as it merges with the highway.

ROAD TRAFFIC ACCIDENTS

SHARE OF CITIES IN ROAD TRAFFIC ACCIDENTS IN THE PANDEMIC YEAR

| City | 2019 | 2020 | Difference |
|----------------|-----------------|-----------------|--------------|
| Ahmedabad | 14,088 | 11,750 | ▼ 17% |
| Surat | 6,633 | 3,538 | ▼ 47% |
| Vadodara | 4,205 | 3,806 | ▼ 9% |
| Rajkot | 3,694 | 3,065 | ▼ 17% |
| Gujarat | 1,32,985 | 1,03,525 | ▼ 22% |



Source: EMRI data analytics; Figures for calendar year;
Percentage rounded off

Fig 1.3 city wise road traffic accidents

CHAPTER 2 LITERATURE REVIEWS

2.1 GENERAL

A review of literature is important in any research work. In this aspect the studies carried out on evaluation of traffic safety using time to collision as well as relevant information pertaining to how to find Gaussian mixture model using time to collision on urban road.

2.2 LITERATURE REVIEW

A literature review is a text written by expert on current issues related to field is contributes on the basis of current knowledge including substantive finding, as well as theoretical and methodological contributes to a particular topic. Also, a literature review can be interpreted as a review of an abstract accomplishment.

2.3 RESEARCH WORK

| SR NO. | PAPER NAME | AUTHOR | YEAR | WORK DESCRIPTION | PUBLICATION |
|--------|--|------------------|------|--|---|
| 1 | Modeling vehicle accidents and highway geometric design relationships | miaou et.al | 1993 | The statistical properties of four regression models are explored in terms of their ability to model car accidents and highway geometric design relations, including two typical linear regression models and two Poisson regression models. As a result, these models are improper for making probabilistic statements about car collisions, and the test data produced from them are questionable. | Center for Transportation Analysis, U.S. Department of Transportation |
| 2 | Extended time-to-collision measures for road traffic safety assessment | minderhoud et.al | 2001 | This paper introduces two new safety indicators based on the time-to-collision concept that may be used to compare road traffic safety. The improved safety indicators calculate the overall safety indicator value using vehicle trajectories recorded over a given time horizon for a specific roadway segment. | Accident Analysis and Prevention-Elsevier |
| 3 | A comparison of headway and time to collision as safety indicators | katja vogel | 2003 | The usefulness of the two safety indicators "headway" and "time to collision (TTC)" in determining the safety of different traffic conditions, such as different locations in a junction, is discussed and compared. | Accident Analysis and Prevention-Elsevier |

| | | | | | |
|---|---|--------------|------|---|--|
| 4 | Robust Speaker Identification System Based on Wavelet Transform and Gaussian Mixture Model | hsieh et. al | 2003 | This article proposed a methodology for collecting features for speech processing that is both effective and reliable. Finally, using the Gaussian Mixture Model (GMM) identifier, the proposed feature extraction approach is tested on the MAT telephone speech database for text-independent speaker identification. | Journal of information science and engineering-research gate |
| 5 | A tree-based kemel selection approach to efficient Gaussian mixture model-universal background model based speaker identification | xiong et.al | 2006 | They propose the tree-based kemel selection (TBKS) algorithm as a computationally efficient approach to speaker identification using the Gaussian mixture model-universal background model (GMM-UBM). Computation complexity can be significantly lowered as a result of the TBKS method. | Speech Communication-Elsevier |
| 6 | Texture classification and segmentation using wavelet packet frame and Gaussian mixture model | kim et.al | 2007 | They suggest a texture classification and segmentation scheme in this study. The procedure includes employing the wavelet packet frame decomposition to extract texture features. A Gaussian mixture model is used to represent each subnet of the classifier, and each texture image is given to the class in which the pixels of the image belong the most. | Pattern Recognition-Elsevier |

| | | | | | |
|---|---|-----------|------|---|--|
| 7 | Non-Lane-Based Car-Following Model with Visual Angle Information | jin et.al | 2011 | The existing car-following theory is based on the assumption that in a single lane, cars travel in the middle. The time-to-collision is taken into account for both the follower and the leader. | Journal of the Transportation Research Board |
| 8 | Car-following theory of steady-state traffic flow using time-to-collision | jin et.al | 2011 | The conventional car-following approach is predicated on the idea that vehicles will proceed along the lane's centre line. As a result, they redefined the time-to-collision (TTC) equation using visual angle information by taking lateral separation into account. | Journal of Zhejiang University-SCIENCE A (Applied Physics & Engineering) |

| | | | | | |
|----|--|--------------|------|---|---|
| 9 | Assessment of Expressway Traffic Safety Using Gaussian Mixture Model based on Time to Collision | jin et.al | 2011 | Traffic safety is extremely important, especially on city expressways where traffic levels are high and traffic conflicts are common. As a result, it is critical to design a system for assessing traffic safety. The time to collision (TTC) samples from traffic videos gathered from the Beijing highway with diverse locations, lanes, and traffic situations are first analyzed in this research. And based on K-S goodness of fit tests, it is stated that the Gaussian mixture model (GMM) distribution is the best-fitted distribution to TTC samples. | International Journal of Computational Intelligence Systems |
| 10 | Choice of time-headway in car-following and the role of time-to-collision information in braking | winsum et.al | 2014 | In a driving simulator, time-headway (THW) during car-following and braking response were investigated with the idea that maneuvering behavior (e.g. THW choice) could be connected to operational competence of vehicle control (e.g. braking) through an adaptation process. At the time the lead car started to brake, the time-to-collision (TTC) had an impact on both the initiation and control of braking. | Ergonomics- Taylor & Francis |

2.4 STUDY AREA

Location of the area: Kotecha Circle to Indira Circle (Sadhuvavani Road)

City: Rajkot

Total stretch: 1 KM

No. of intersection within stretch: 02

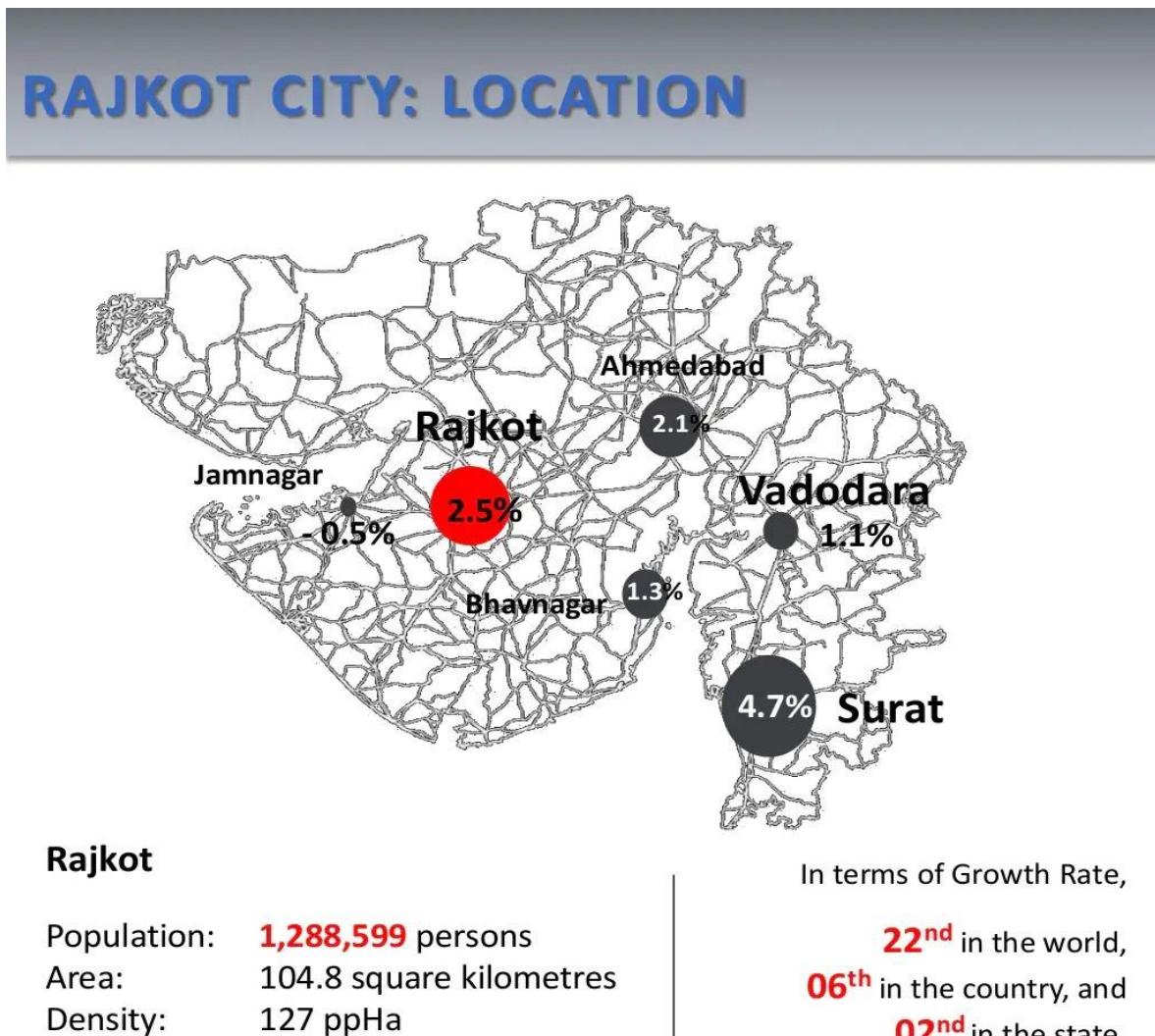


Fig 2.1 Rajkot city: location

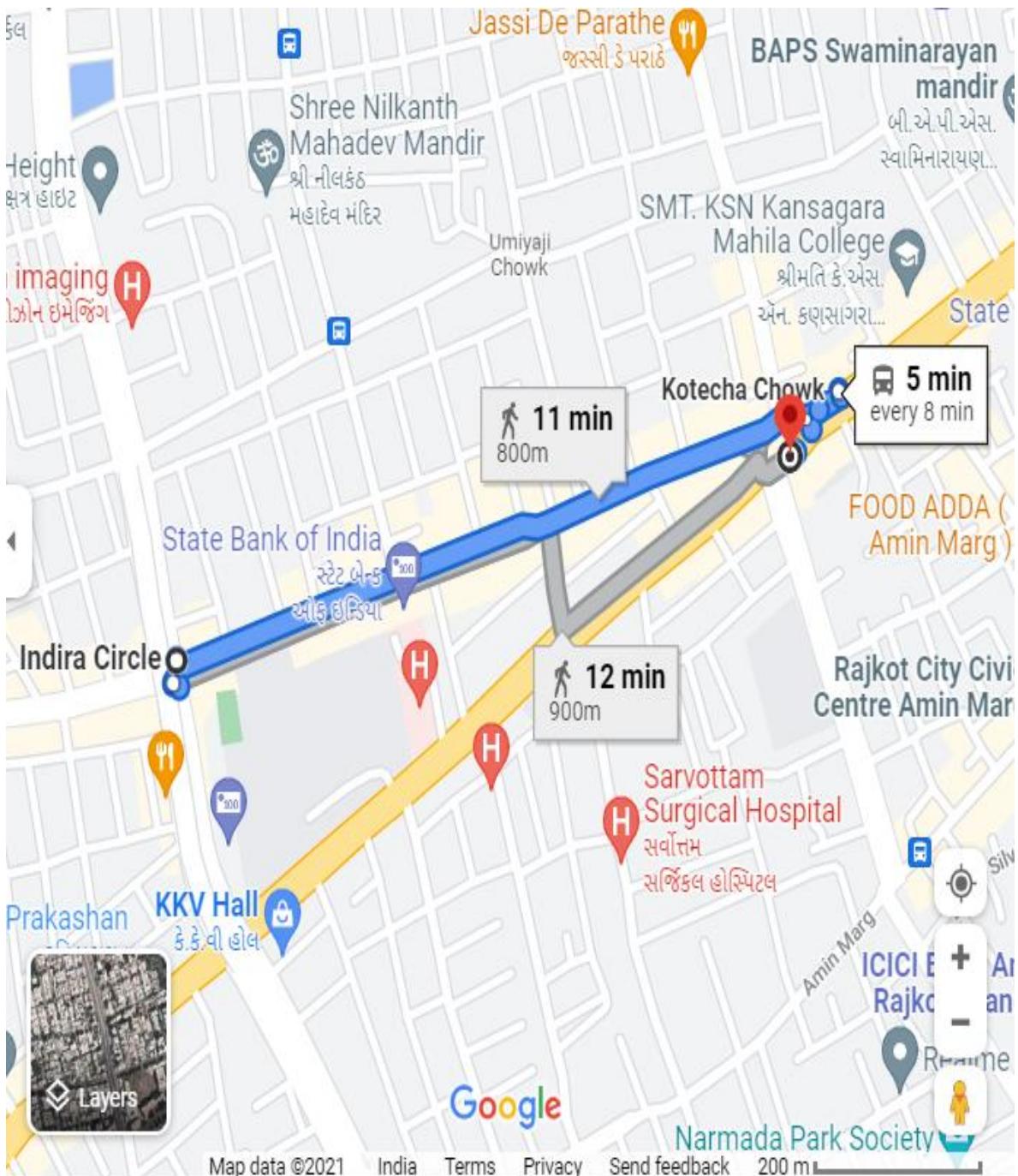


Fig 2.2 study areas – indira circle to kotecha circle

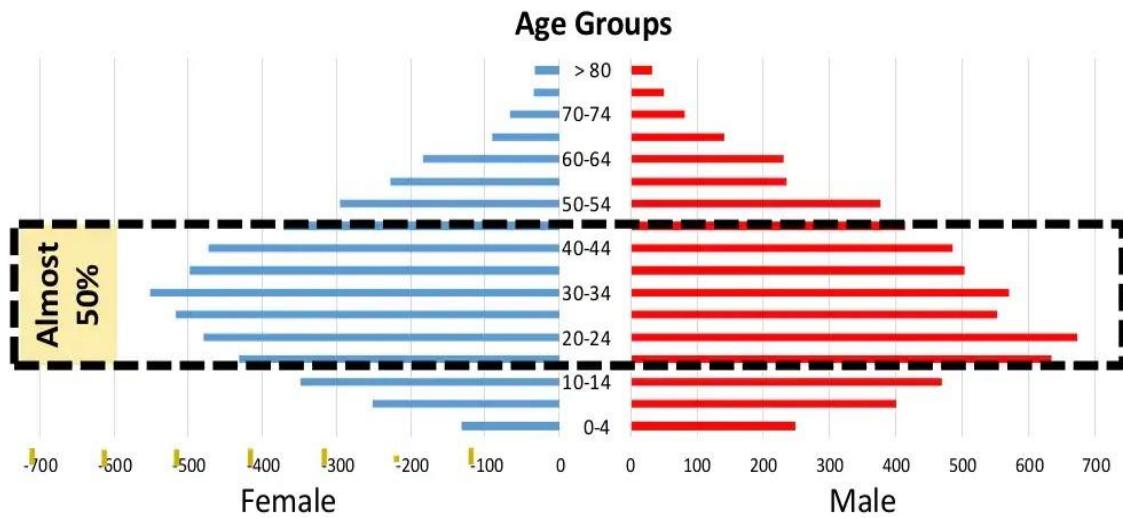


Fig 2.3 indira circle intersection



Fig 2.4 kotecha circle intersection

CITY: DEMOGRAPHY



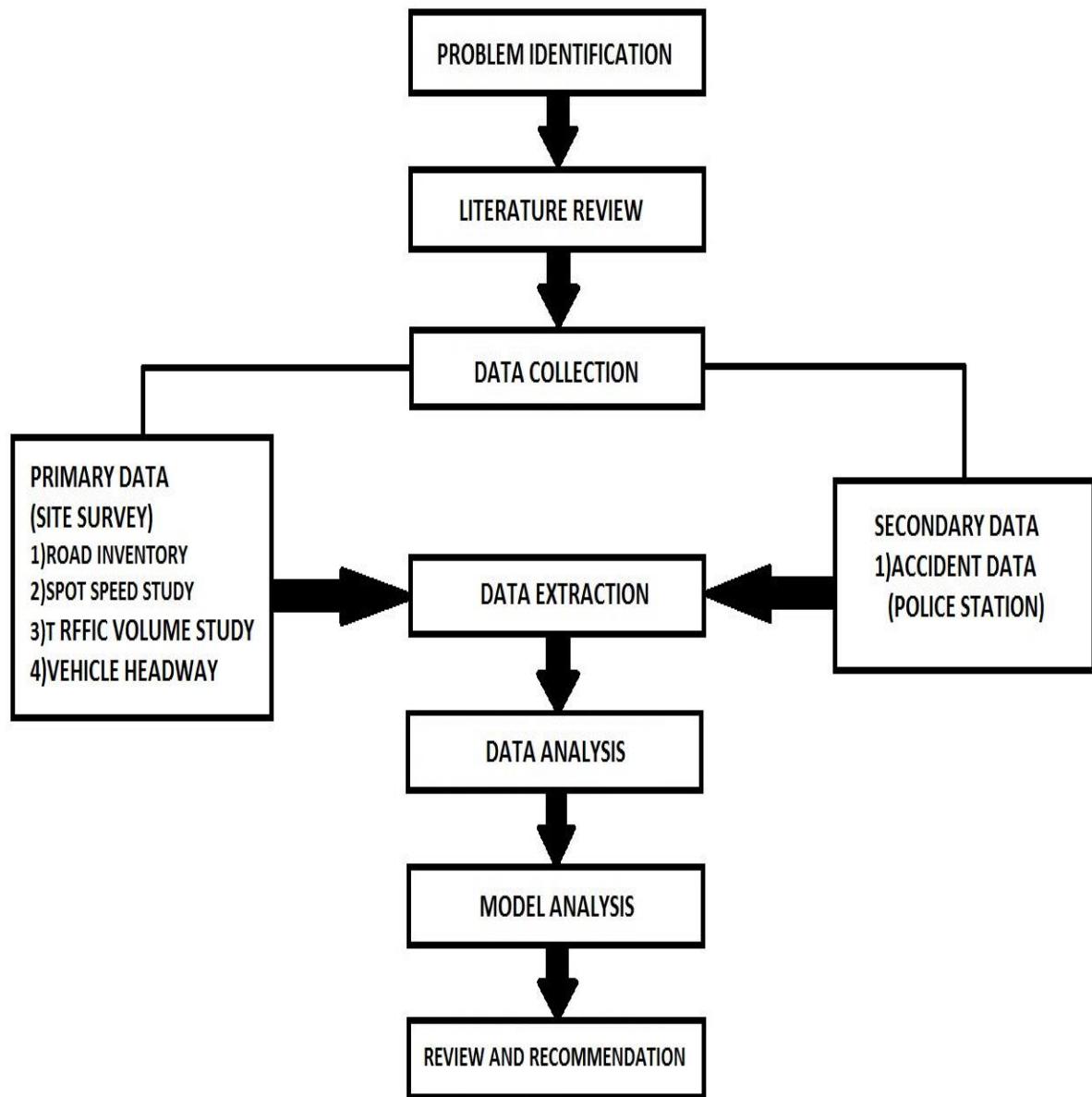
With a major chunk of the population in the productive
20-45 age bracket, Rajkot has the chance to grow even faster.

Source: (RMC, 2009)

Fig 2.5 Rajkot city: Demography

CHAPTER 3 METHODOLOGY

3.1 METHODOLOGY CHART



First and initially, we must determine the study area and location. Then we have to figure out what the issues are in the case study we've chosen. In the problem identification we have to describe how things should be work and also explain the problem of the study and state why it matters. Then we need to figure out what the study's goal is. It describes what a project is supposed to accomplish.

After deciding on the objectives, we must determine the study's scope. The study's scope indicates the extent to which the research area will be investigated in the work and the parameters that will be used to perform it. To put it another way, you'll have to identify what the study will cover and what it will focus on. Data collection is the process of gathering and processing data on certain variables in a system, allowing one to answer pertinent questions and assess outcomes.

In all fields of study, including the physical and social sciences, the humanities, and education, data gathering is an important part of the research process. The study of the dynamic dynamics of systems in the frequency domain is known as modal analysis. Measurement of the vibration of a car's body when attached to a shaker or the noise pattern in a room when agitated by a loudspeaker is examples.

The term "evaluation research," often known as "programmed evaluation," refers to the goal of the study instead of a specific approach. The systematic assessment of the worth or merit of time, money, effort, and investments made in order to achieve a goal is called evaluation study.

3.2 TIME TO COLLISION

In safety assessments, the time-to-collision concept has been used as a safety indicator. Hayward, a US researcher, proposed the time-to-collision (TTC) concept in 1971. A TTC value at an instant t is defined as the time that remains until a collision between two vehicles would have occurred if the collision course and speed difference are maintained.

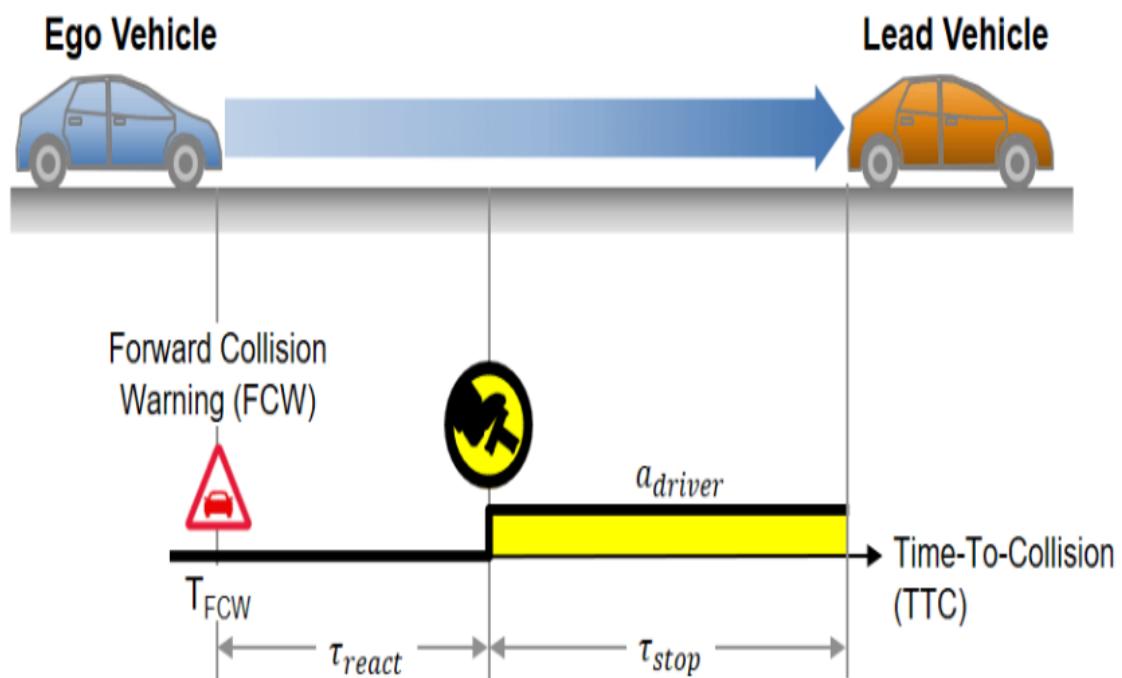
TTC is a common visual element for avoiding obstacles that is usually utilized in the research of driving behavior and the assessment of potential conflicts. TTC refers to the following driver's perception of the LV's safety in a driving environment. It is defined as "the time required for two vehicles to collide if they continue at their current speed and on the same path.

Deceleration and acceleration are strongly linked to TTC, according to various psychological principles, data, and investigations. A smaller TTC, on the one hand, results in a faster foot movement to the brake pedal and a larger deceleration; on the other hand, a negative TTC (which means the leader's speed is faster than the follower's) results in a faster foot movement to the brake pedal and a smaller deceleration.

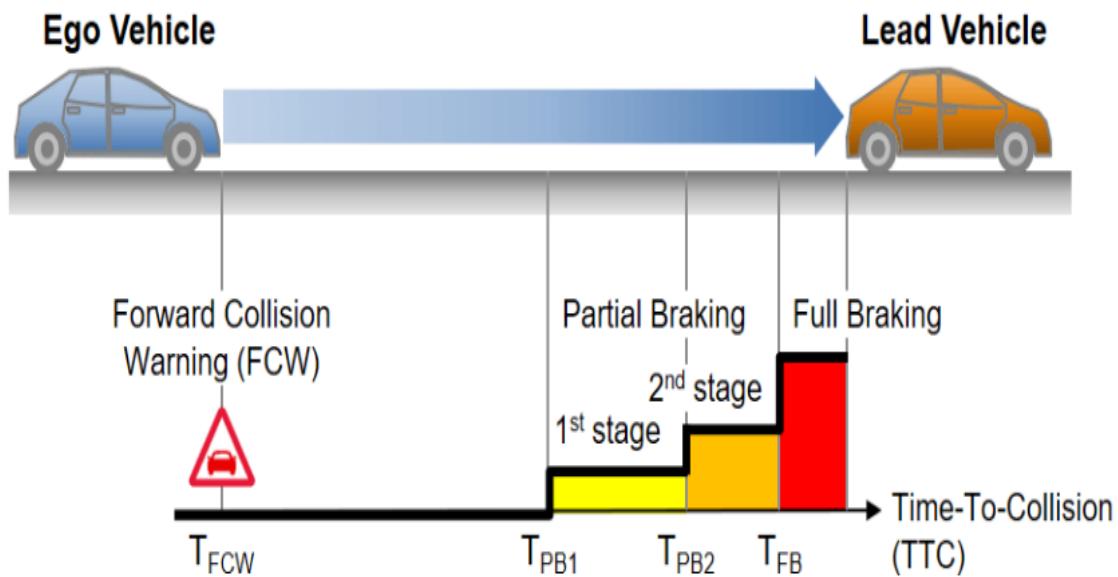
TTC can be perceived using one of two cognitive processes. Separate perceptions of distance and relative velocity are one technique. The other strategy is to compute the apparent dilation of the approaching vehicle from a distant focus of expansion using optic flow fields.

TTC is calculated by dividing the distance between a following and a leading vehicle by the relative velocity of two consecutive vehicles at a given period. $TTC_i(t)$ is the TTC of following vehicle i at time t , $x_{i-1}(t)$ and $x_i(t)$ is the position of leading vehicle $i-1$ and following vehicle i at time t , Respectively, $v_{i-1}(t)$ and $v_i(t)$ is the speed of leading vehicle $i-1$ and following vehicle i at time t , respectively, and $VLi-1$ is the vehicle length leader $i-1$, can be calculated with:

$$TTC_i(t) = \begin{cases} \frac{x_{i-1}(t) - x_i(t) - VL_{i-1}}{v_i(t) - v_{i-1}(t)} & \text{if } v_i(t) > v_{i-1}(t) \\ \infty & \text{otherwise} \end{cases}$$



3.1 figure of time to collision



3.2 figure of time to collision

A collision is sometimes unavoidable. There are several things you may do in those situations to reduce crash damage to your vehicle, yourself, and your passengers. When driving, you should always be aware of your surroundings and maintain a safe distance from other vehicles.

This allows you to recognize areas where you can move your car to avoid a direct collision. You should slow down your vehicle as much as possible if you can't identify an escape route and are certain to collide with something. If colliding with something else is your only way to avoid colliding with another vehicle, choose the object that would cause the least amount of harm.

CHAPTER 4 DATA COLLECTION

4.1 GENERAL

The field data presented in this research came from a video study taken in Rajkot between the kotecha and indira circles (Gujarat). The urban road process works from Kotecha circle to Indira circle and is 1 kilometer long. On January 23rd to 27th (Sunday to Thursday), 2022, data was collected with various traffic conditions from 7:00 a.m. to 10:00 a.m. (including morning peak hour) and from 17:00 p.m. to 20:00 p.m. (including evening peak hour).

The study locations are chosen from three options. Location 1 is on the kotecha circle's entry side, location 2 is on the indira circle's exit side, and location 3 is midway between the kotecha circle and the indira circle. It is simple to obtain traffic data, such as speed, traffic volume, and time occupancy, using video image processing technologies.

The dataset for calculating TTC is obtained in a similar method, and includes speed, headway, vehicle length, and classification of vehicle types.

4.1.1 TYPES OF SURVEY

- 1) **Road inventory survey:** This is a detailed survey that may be used to examine the profile of the roads in the research area, including elements such as road/Pavement widths, road pavement kinds, street lighting, luminosity, drain types, encroachments, presence of vendors/street furniture, bus stops, and so on.
- 2) **Traffic volume survey:** The word "traffic volume study" is also known as "traffic flow survey" or "traffic survey." It is defined as a process for determining the volume of traffic moving on roadways in a specific section at a specific time.
- 3) **Spot speed survey:** Spot speed studies are used to determine the distribution of vehicle speeds in the traffic stream at a specific location on the roadway. This is achieved by collecting the vehicle's speed at the given location.
- 4) **Vehicle headway:** The distance or duration between vehicles in a transit system, measured in space or time, is known to as headway. The minimum headway is the shortest distance or time that a system can achieve without reducing vehicle speed.

- 5) **Accident analysis:** Accident analysis is carried out to determine the reason or causes of an accident (which might have a single or multiple outcomes) in order to prevent such accidents in the future. It is a component of accident or event investigation.

4.2 ROAD INVENTORY SURVEY

| Road Inventory Survey | | | |
|-----------------------|--------------------------------|--------------------------|---|
| Sr no. | Variables | Availability (Yes/no) | Description |
| 1 | Straight Road length | yes | 1 km stretch |
| 2 | Number of curve | yes | |
| 3 | Street lights | yes | |
| 4 | Intersection | yes | 2 intersection are there: 1) kotecha circle, 2) indira circle |
| 5 | Pedestrain way | yes | |
| 6 | Bus stop | yes | |
| 7 | Road condition | yes | Good road condition |
| 8 | Traffic police stand | yes | |
| 9 | Number of signs | yes | |
| 10 | Number of signals | yes | |
| 11 | Types of vehicles use the road | yes | Mix traffic (heavy vehicles restricted) |
| 12 | Width of road | yes | |
| 13 | School near the road | no | |
| 14 | Trees | yes | |
| 15 | Bridge | no | |
| 16 | Horizontal curve | yes | |
| 17 | Vertical curve | no | |
| 18 | Barriers | yes | |
| 19 | Driange facillities | yes | |
| 20 | Bicycle facilities | no | |
| 21 | Speed limit | yes | Between 30 to 40 kmph |
| 22 | Pavement markings | yes | |
| 23 | Lane type | yes | Two lane |
| 24 | Railroad crossing | no | |
| 25 | Mail boxes | no | |
| 26 | side walk | yes | |
| 27 | Island | yes | |

4.3 TRAFFIC VOLUME STUDY

KOTECHA TO INDIRA (TIME – 8:00 TO 9:00 AM)

(DATE - 25/01/2022)TUESDAY

| MIN | car/jeep/van | two wheeler | rickshaw | trucks | bus | tractor | cycle | pedestrain | other vehicle |
|-----|--------------|-------------|----------|--------|-----|---------|-------|------------|---------------|
| 1 | 6 | 34 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 4 | 20 | 7 | 0 | 0 | 0 | 0 | 3 | 0 |
| 3 | 9 | 21 | 4 | 0 | 1 | 0 | 1 | 0 | 0 |
| 4 | 6 | 18 | 7 | 0 | 2 | 0 | 0 | 0 | 0 |
| 5 | 8 | 25 | 4 | 0 | 0 | 0 | 1 | 0 | 0 |
| 6 | 4 | 19 | 11 | 0 | 1 | 0 | 0 | 0 | 0 |
| 7 | 5 | 27 | 6 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8 | 5 | 23 | 8 | 0 | 0 | 0 | 0 | 0 | 1 |
| 9 | 4 | 20 | 2 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10 | 9 | 22 | 7 | 0 | 1 | 0 | 0 | 0 | 1 |
| 11 | 5 | 25 | 4 | 0 | 1 | 1 | 1 | 1 | 0 |
| 12 | 6 | 24 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 7 | 23 | 6 | 0 | 1 | 0 | 0 | 0 | 1 |
| 14 | 3 | 25 | 8 | 0 | 1 | 0 | 0 | 0 | 0 |
| 15 | 5 | 17 | 5 | 0 | 0 | 0 | 0 | 0 | 2 |
| 16 | 4 | 28 | 6 | 0 | 1 | 0 | 0 | 1 | 0 |
| 17 | 5 | 23 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 8 | 20 | 3 | 0 | 0 | 0 | 0 | 0 | 2 |
| 19 | 9 | 18 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 9 | 20 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| 21 | 9 | 25 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 8 | 26 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 7 | 19 | 3 | 0 | 0 | 0 | 0 | 3 | 0 |
| 24 | 6 | 22 | 9 | 0 | 0 | 0 | 0 | 1 | 0 |
| 25 | 10 | 24 | 6 | 0 | 1 | 1 | 0 | 1 | 1 |
| 26 | 10 | 27 | 8 | 0 | 0 | 0 | 1 | 0 | 1 |
| 27 | 9 | 22 | 5 | 0 | 1 | 0 | 0 | 0 | 1 |
| 28 | 2 | 32 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 4 | 28 | 4 | 0 | 0 | 0 | 0 | 0 | 2 |
| 30 | 6 | 20 | 8 | 0 | 0 | 0 | 1 | 0 | 0 |

| | | | | | | | | | | |
|-------|-----|------|-----|---|----|---|----|----|----|------|
| 31 | 6 | 20 | 9 | 0 | 0 | 0 | 0 | 1 | 0 | |
| 32 | 11 | 17 | 6 | 1 | 2 | 0 | 1 | 0 | 0 | |
| 33 | 4 | 19 | 2 | 0 | 0 | 0 | 0 | 3 | 1 | |
| 34 | 6 | 24 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 35 | 4 | 25 | 9 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 36 | 6 | 14 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 37 | 5 | 16 | 7 | 0 | 1 | 0 | 0 | 0 | 1 | |
| 38 | 5 | 21 | 6 | 0 | 1 | 0 | 0 | 0 | 0 | |
| 39 | 4 | 22 | 9 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 40 | 9 | 24 | 5 | 0 | 0 | 0 | 0 | 2 | 0 | |
| 41 | 6 | 28 | 5 | 0 | 1 | 0 | 0 | 2 | 3 | |
| 42 | 4 | 27 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | |
| 43 | 6 | 20 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 44 | 5 | 23 | 9 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 45 | 1 | 28 | 6 | 0 | 0 | 0 | 0 | 1 | 1 | |
| 46 | 5 | 20 | 8 | 0 | 0 | 0 | 2 | 0 | 2 | |
| 47 | 5 | 31 | 10 | 0 | 0 | 0 | 0 | 0 | 2 | |
| 48 | 9 | 33 | 9 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 49 | 5 | 29 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 50 | 5 | 29 | 7 | 0 | 0 | 0 | 0 | 1 | 1 | |
| 51 | 4 | 29 | 9 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 52 | 8 | 24 | 4 | 1 | 0 | 0 | 0 | 0 | 1 | |
| 53 | 9 | 13 | 7 | 0 | 0 | 1 | 0 | 0 | 0 | |
| 54 | 10 | 19 | 2 | 0 | 1 | 0 | 0 | 3 | 2 | |
| 55 | 8 | 23 | 9 | 1 | 2 | 0 | 0 | 0 | 1 | |
| 56 | 6 | 18 | 5 | 0 | 0 | 0 | 1 | 0 | 1 | |
| 57 | 11 | 26 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 58 | 5 | 14 | 2 | 0 | 0 | 0 | 0 | 1 | 2 | |
| 59 | 7 | 22 | 3 | 1 | 0 | 0 | 1 | 0 | 1 | |
| 60 | 9 | 24 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TOTAL | 380 | 1379 | 357 | 4 | 19 | 3 | 11 | 25 | 39 | 2217 |

INDIRA TO KOTECHA (TIME – 6:00 TO 7:00 PM)

(DATE - 25/01/2022)TUESDAY

| MIN | car/jeep/van | two wheeler | rickshaw | trucks | bus | tractor | cycle | pedestrain | other vehicle |
|-----|--------------|-------------|----------|--------|-----|---------|-------|------------|---------------|
| 1 | 13 | 21 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 10 | 43 | 12 | 0 | 0 | 0 | 0 | 1 | 1 |
| 4 | 19 | 30 | 6 | 1 | 1 | 0 | 0 | 0 | 1 |
| 5 | 5 | 17 | 3 | 0 | 0 | 0 | 0 | 8 | 0 |
| 6 | 5 | 34 | 8 | 0 | 0 | 0 | 0 | 5 | 1 |
| 7 | 14 | 21 | 3 | 0 | 0 | 0 | 0 | 1 | 0 |
| 8 | 8 | 11 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 20 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 16 | 34 | 12 | 0 | 1 | 0 | 0 | 2 | 0 |
| 11 | 6 | 18 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 9 | 29 | 12 | 0 | 2 | 0 | 0 | 0 | 0 |
| 14 | 7 | 33 | 7 | 0 | 0 | 0 | 0 | 1 | 0 |
| 15 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 16 | 10 | 59 | 7 | 0 | 1 | 0 | 0 | 2 | 2 |
| 17 | 5 | 10 | 6 | 0 | 1 | 0 | 0 | 0 | 0 |
| 18 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 3 | 1 |
| 19 | 3 | 28 | 6 | 0 | 0 | 0 | 0 | 1 | 0 |
| 20 | 7 | 23 | 6 | 0 | 2 | 0 | 0 | 1 | 1 |
| 21 | 5 | 20 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| 22 | 0 | 5 | 3 | 0 | 0 | 0 | 0 | 5 | 0 |
| 23 | 16 | 59 | 4 | 0 | 0 | 0 | 0 | 1 | 0 |
| 24 | 7 | 16 | 7 | 0 | 1 | 0 | 0 | 7 | 1 |
| 25 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 26 | 12 | 34 | 8 | 1 | 11 | 0 | 0 | 0 | 0 |
| 27 | 15 | 31 | 4 | 0 | 0 | 0 | 0 | 3 | 0 |
| 28 | 0 | 7 | 1 | 0 | 0 | 0 | 0 | 4 | 0 |
| 29 | 7 | 37 | 11 | 0 | 0 | 0 | 0 | 1 | 0 |
| 30 | 8 | 23 | 5 | 0 | 1 | 0 | 0 | 1 | 3 |

| | | | | | | | | | | |
|-------|-----|------|-----|---|----|---|---|-----|----|------|
| 31 | 8 | 7 | 3 | 0 | 0 | 0 | 0 | 2 | 3 | |
| 32 | 1 | 26 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 33 | 13 | 47 | 16 | 0 | 0 | 0 | 0 | 0 | 2 | |
| 34 | 8 | 12 | 7 | 0 | 0 | 0 | 0 | 4 | 0 | |
| 35 | 4 | 6 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | |
| 36 | 17 | 53 | 11 | 0 | 0 | 0 | 0 | 2 | 0 | |
| 37 | 1 | 23 | 7 | 0 | 1 | 0 | 0 | 1 | 0 | |
| 38 | 1 | 3 | 2 | 0 | 0 | 0 | 0 | 5 | 0 | |
| 39 | 8 | 40 | 5 | 0 | 0 | 0 | 1 | 1 | 3 | |
| 40 | 17 | 33 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | |
| 41 | 8 | 16 | 6 | 0 | 1 | 0 | 1 | 2 | 1 | |
| 42 | 8 | 25 | 4 | 0 | 0 | 0 | 0 | 7 | 0 | |
| 43 | 19 | 42 | 2 | 0 | 1 | 0 | 1 | 0 | 2 | |
| 44 | 7 | 15 | 9 | 0 | 0 | 0 | 0 | 5 | 0 | |
| 45 | 6 | 5 | 6 | 0 | 0 | 0 | 1 | 2 | 0 | |
| 46 | 14 | 52 | 4 | 0 | 1 | 0 | 0 | 0 | 2 | |
| 47 | 9 | 18 | 3 | 0 | 0 | 0 | 0 | 2 | 0 | |
| 48 | 5 | 4 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | |
| 49 | 12 | 39 | 6 | 0 | 1 | 0 | 0 | 0 | 1 | |
| 50 | 14 | 41 | 5 | 0 | 1 | 0 | 0 | 2 | 2 | |
| 51 | 6 | 10 | 1 | 0 | 0 | 0 | 0 | 6 | 0 | |
| 52 | 7 | 36 | 3 | 0 | 0 | 0 | 0 | 4 | 1 | |
| 53 | 14 | 45 | 8 | 0 | 0 | 1 | 1 | 0 | 0 | |
| 54 | 3 | 10 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 55 | 5 | 9 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 56 | 19 | 55 | 6 | 0 | 0 | 0 | 0 | 1 | 0 | |
| 57 | 4 | 15 | 7 | 0 | 0 | 0 | 2 | 1 | 0 | |
| 58 | 4 | 2 | 2 | 0 | 0 | 0 | 0 | 5 | 0 | |
| 59 | 18 | 60 | 3 | 0 | 0 | 0 | 0 | 2 | 0 | |
| 60 | 10 | 28 | 4 | 0 | 1 | 0 | 0 | 1 | 0 | |
| TOTAL | 453 | 1450 | 291 | 2 | 28 | 1 | 7 | 111 | 29 | 2372 |

INDIRA TO KOTECHA (TIME – 8:00 TO 9:00 AM)

(DATE - 25/01/2022)TUESDAY

| MIN | car/jeep/van | two wheeler | rickshaw | trucks | bus | tractor | cycle | pedestrain | other vehicle |
|-----|--------------|-------------|----------|--------|-----|---------|-------|------------|---------------|
| 1 | 10 | 28 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 9 | 25 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 6 | 26 | 6 | 0 | 0 | 0 | 0 | 0 | 2 |
| 4 | 8 | 24 | 9 | 0 | 1 | 0 | 0 | 0 | 0 |
| 5 | 9 | 28 | 9 | 0 | 0 | 0 | 1 | 4 | 1 |
| 6 | 2 | 29 | 2 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7 | 5 | 27 | 9 | 0 | 2 | 1 | 0 | 0 | 0 |
| 8 | 8 | 30 | 6 | 0 | 0 | 0 | 0 | 1 | 0 |
| 9 | 9 | 32 | 9 | 1 | 0 | 0 | 0 | 0 | 0 |
| 10 | 10 | 34 | 9 | 0 | 1 | 0 | 1 | 0 | 1 |
| 11 | 12 | 31 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 14 | 30 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 10 | 29 | 9 | 0 | 0 | 0 | 0 | 0 | 2 |
| 14 | 8 | 26 | 4 | 0 | 0 | 0 | 0 | 2 | 0 |
| 15 | 9 | 30 | 9 | 0 | 2 | 0 | 0 | 0 | 0 |
| 16 | 7 | 25 | 3 | 0 | 1 | 0 | 0 | 0 | 1 |
| 17 | 6 | 24 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 8 | 28 | 9 | 0 | 1 | 0 | 1 | 0 | 0 |
| 19 | 9 | 21 | 9 | 0 | 0 | 0 | 0 | 0 | 2 |
| 20 | 9 | 29 | 9 | 0 | 0 | 0 | 0 | 1 | 0 |
| 21 | 10 | 25 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 9 | 27 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 7 | 24 | 9 | 0 | 2 | 0 | 0 | 0 | 0 |
| 24 | 8 | 15 | 2 | 0 | 0 | 0 | 0 | 0 | 1 |
| 25 | 6 | 17 | 5 | 0 | 0 | 0 | 0 | 1 | 0 |
| 26 | 9 | 9 | 6 | 0 | 1 | 0 | 0 | 0 | 0 |
| 27 | 9 | 20 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 9 | 18 | 8 | 0 | 0 | 0 | 1 | 0 | 0 |
| 29 | 8 | 25 | 9 | 0 | 0 | 1 | 0 | 0 | 0 |
| 30 | 9 | 27 | 4 | 0 | 0 | 0 | 0 | 0 | 1 |

| | | | | | | | | | |
|-------|-----|------|-----|---|----|---|----|----|------|
| 31 | 9 | 13 | 9 | 0 | 0 | 0 | 0 | 1 | 2 |
| 32 | 8 | 11 | 9 | 0 | 1 | 0 | 0 | 0 | 0 |
| 33 | 7 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 | 4 | 19 | 9 | 0 | 0 | 1 | 1 | 0 | 0 |
| 35 | 9 | 16 | 9 | 0 | 0 | 0 | 1 | 0 | 0 |
| 36 | 9 | 24 | 9 | 0 | 1 | 0 | 1 | 0 | 1 |
| 37 | 8 | 15 | 8 | 0 | 0 | 0 | 0 | 10 | 0 |
| 38 | 5 | 17 | 8 | 1 | 0 | 0 | 0 | 0 | 0 |
| 39 | 4 | 24 | 9 | 0 | 0 | 0 | 1 | 0 | 0 |
| 40 | 9 | 28 | 5 | 0 | 1 | 0 | 0 | 1 | 0 |
| 41 | 3 | 23 | 7 | 1 | 0 | 0 | 2 | 0 | 1 |
| 42 | 2 | 15 | 5 | 0 | 0 | 0 | 0 | 2 | 0 |
| 43 | 7 | 18 | 9 | 0 | 1 | 0 | 1 | 0 | 0 |
| 44 | 6 | 25 | 3 | 0 | 0 | 1 | 0 | 1 | 0 |
| 45 | 2 | 17 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 46 | 9 | 16 | 5 | 0 | 0 | 0 | 1 | 2 | 0 |
| 47 | 5 | 22 | 9 | 0 | 0 | 0 | 0 | 1 | 0 |
| 48 | 4 | 20 | 4 | 0 | 0 | 0 | 0 | 0 | 2 |
| 49 | 6 | 24 | 7 | 0 | 0 | 0 | 1 | 1 | 0 |
| 50 | 9 | 19 | 8 | 1 | 0 | 0 | 0 | 1 | 0 |
| 51 | 6 | 17 | 9 | 0 | 1 | 0 | 0 | 0 | 0 |
| 52 | 4 | 13 | 4 | 0 | 0 | 0 | 0 | 0 | 1 |
| 53 | 8 | 14 | 9 | 0 | 0 | 1 | 1 | 0 | 0 |
| 54 | 3 | 10 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 55 | 9 | 26 | 2 | 0 | 0 | 0 | 1 | 0 | 0 |
| 56 | 4 | 28 | 9 | 1 | 0 | 0 | 0 | 1 | 0 |
| 57 | 10 | 24 | 4 | 0 | 0 | 0 | 0 | 0 | 1 |
| 58 | 5 | 17 | 8 | 0 | 1 | 0 | 0 | 0 | 1 |
| 59 | 7 | 14 | 5 | 0 | 0 | 1 | 0 | 0 | 1 |
| 60 | 6 | 11 | 9 | 0 | 0 | 0 | 1 | 1 | 0 |
| TOTAL | 439 | 1311 | 420 | 5 | 17 | 6 | 16 | 31 | 2267 |

KOTECHA TO INDIRA (TIME – 8:00 TO 9:00 AM)

(DATE - 25/01/2022)TUESDAY

| MIN | car/jeep/van | two wheeler | rickshaw | trucks | bus | tractor | cycle | pedestrain | other vehicle |
|-----|--------------|-------------|----------|--------|-----|---------|-------|------------|---------------|
| 1 | 4 | 31 | 1 | 0 | 1 | 0 | 0 | 3 | 0 |
| 2 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 1 | 0 |
| 3 | 4 | 38 | 8 | 0 | 1 | 0 | 0 | 1 | 0 |
| 4 | 9 | 26 | 3 | 0 | 1 | 0 | 1 | 0 | 2 |
| 5 | 1 | 11 | 1 | 0 | 4 | 0 | 0 | 0 | 2 |
| 6 | 5 | 30 | 2 | 0 | 0 | 0 | 0 | 5 | 0 |
| 7 | 13 | 30 | 10 | 0 | 1 | 1 | 0 | 5 | 0 |
| 8 | 3 | 26 | 3 | 0 | 1 | 0 | 0 | 0 | 1 |
| 9 | 4 | 13 | 1 | 0 | 0 | 0 | 1 | 1 | 0 |
| 10 | 15 | 38 | 5 | 0 | 0 | 0 | 1 | 1 | 1 |
| 11 | 6 | 23 | 2 | 0 | 1 | 0 | 0 | 3 | 1 |
| 12 | 1 | 8 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 13 | 11 | 39 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 14 | 35 | 6 | 1 | 0 | 0 | 0 | 0 | 1 |
| 15 | 0 | 10 | 0 | 0 | 0 | 0 | 1 | 3 | 0 |
| 16 | 5 | 35 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 11 | 25 | 7 | 0 | 1 | 0 | 1 | 2 | 0 |
| 18 | 0 | 9 | 2 | 0 | 1 | 0 | 0 | 3 | 0 |
| 19 | 2 | 21 | 1 | 0 | 0 | 0 | 1 | 1 | 0 |
| 20 | 15 | 30 | 6 | 0 | 0 | 0 | 1 | 4 | 0 |
| 21 | 9 | 16 | 7 | 0 | 4 | 0 | 0 | 6 | 1 |
| 22 | 4 | 8 | 2 | 0 | 3 | 0 | 1 | 8 | 0 |
| 23 | 8 | 38 | 14 | 0 | 0 | 0 | 2 | 0 | 0 |
| 24 | 13 | 31 | 5 | 0 | 1 | 0 | 1 | 5 | 0 |
| 25 | 3 | 8 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| 26 | 9 | 35 | 6 | 0 | 0 | 0 | 0 | 2 | 0 |
| 27 | 16 | 33 | 6 | 0 | 0 | 0 | 2 | 1 | 1 |
| 28 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| 29 | 3 | 38 | 6 | 0 | 0 | 0 | 0 | 3 | 0 |
| 30 | 13 | 31 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | |
|-------|-----|------|-----|---|----|---|----|-----|----|------|
| 31 | 3 | 13 | 4 | 0 | 0 | 0 | 0 | 3 | 0 | |
| 32 | 4 | 16 | 1 | 0 | 0 | 0 | 0 | 4 | 0 | |
| 33 | 13 | 35 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 34 | 6 | 20 | 2 | 0 | 1 | 0 | 0 | 5 | 0 | |
| 35 | 1 | 15 | 1 | 0 | 0 | 0 | 1 | 9 | 0 | |
| 36 | 8 | 32 | 10 | 0 | 0 | 0 | 2 | 1 | 0 | |
| 37 | 15 | 33 | 1 | 0 | 0 | 0 | 1 | 2 | 0 | |
| 38 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 4 | 0 | |
| 39 | 5 | 72 | 7 | 0 | 0 | 0 | 0 | 3 | 3 | |
| 40 | 5 | 30 | 5 | 0 | 1 | 0 | 1 | 10 | 1 | |
| 41 | 3 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 42 | 8 | 52 | 2 | 0 | 0 | 0 | 2 | 1 | 0 | |
| 43 | 10 | 35 | 5 | 0 | 1 | 0 | 2 | 1 | 0 | |
| 44 | 1 | 10 | 1 | 0 | 1 | 0 | 0 | 6 | 0 | |
| 45 | 2 | 43 | 5 | 0 | 0 | 0 | 3 | 3 | 0 | |
| 46 | 12 | 41 | 8 | 0 | 0 | 0 | 1 | 3 | 2 | |
| 47 | 2 | 12 | 5 | 0 | 1 | 0 | 0 | 6 | 0 | |
| 48 | 5 | 21 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 49 | 16 | 20 | 5 | 0 | 0 | 0 | 1 | 2 | 0 | |
| 50 | 8 | 8 | 2 | 0 | 1 | 0 | 1 | 13 | 1 | |
| 51 | 6 | 9 | 2 | 0 | 0 | 0 | 2 | 3 | 0 | |
| 52 | 8 | 57 | 12 | 0 | 0 | 0 | 0 | 3 | 0 | |
| 53 | 8 | 19 | 3 | 0 | 0 | 0 | 1 | 4 | 0 | |
| 54 | 1 | 10 | 1 | 0 | 3 | 0 | 0 | 8 | 0 | |
| 55 | 8 | 43 | 6 | 0 | 0 | 0 | 0 | 3 | 0 | |
| 56 | 12 | 25 | 6 | 0 | 0 | 0 | 0 | 12 | 1 | |
| 57 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | |
| 58 | 7 | 32 | 3 | 0 | 0 | 0 | 3 | 15 | 0 | |
| 59 | 11 | 25 | 9 | 0 | 0 | 0 | 0 | 6 | 0 | |
| 60 | 4 | 11 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | |
| TOTAL | 408 | 1483 | 240 | 1 | 30 | 1 | 35 | 195 | 20 | 2413 |

KOTECHA TO INDIRA (TIME – 8:00 TO 9:00 AM)

(DATE - 24/01/2022)MONDAY

| MIN | car/jeep/van | two wheeler | rikshaw | trucks | bus | tractor | cycle | pedestrain | other vehicle |
|-----|--------------|-------------|---------|--------|-----|---------|-------|------------|---------------|
| 1 | 4 | 21 | 4 | 1 | 1 | 0 | 0 | 0 | 0 |
| 2 | 6 | 25 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 4 | 25 | 4 | 0 | 2 | 0 | 0 | 2 | 0 |
| 4 | 3 | 32 | 2 | 1 | 1 | 1 | 0 | 0 | 0 |
| 5 | 2 | 52 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 6 | 12 | 5 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7 | 5 | 15 | 7 | 0 | 0 | 0 | 1 | 0 | 0 |
| 8 | 2 | 23 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 7 | 25 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 6 | 25 | 5 | 0 | 0 | 0 | 1 | 0 | 0 |
| 11 | 5 | 27 | 6 | 0 | 1 | 0 | 1 | 0 | 2 |
| 12 | 3 | 15 | 7 | 0 | 0 | 0 | 1 | 0 | 0 |
| 13 | 5 | 21 | 8 | 1 | 1 | 0 | 0 | 0 | 0 |
| 14 | 6 | 24 | 5 | 0 | 0 | 1 | 0 | 0 | 0 |
| 15 | 4 | 15 | 4 | 0 | 0 | 0 | 0 | 0 | 1 |
| 16 | 5 | 14 | 3 | 0 | 1 | 0 | 0 | 0 | 0 |
| 17 | 2 | 12 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 5 | 13 | 7 | 0 | 1 | 0 | 0 | 1 | 0 |
| 19 | 4 | 18 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 8 | 21 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 6 | 24 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 5 | 35 | 3 | 0 | 1 | 1 | 1 | 0 | 0 |
| 23 | 13 | 21 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 3 | 35 | 8 | 0 | 0 | 0 | 0 | 1 | 0 |
| 25 | 2 | 12 | 6 | 0 | 0 | 0 | 0 | 2 | 1 |
| 26 | 4 | 23 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 5 | 16 | 4 | 0 | 2 | 0 | 1 | 0 | 1 |
| 28 | 6 | 11 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| 29 | 6 | 23 | 5 | 0 | 0 | 0 | 0 | 0 | 2 |
| 30 | 7 | 21 | 7 | 0 | 1 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | |
|-------|-----|------|-----|---|----|---|----|----|----|------|
| 31 | 4 | 15 | 6 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 32 | 3 | 32 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | |
| 33 | 2 | 11 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 34 | 4 | 34 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 35 | 5 | 21 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | |
| 36 | 6 | 23 | 6 | 0 | 1 | 0 | 0 | 0 | 0 | |
| 37 | 7 | 33 | 7 | 0 | 0 | 0 | 0 | 1 | 0 | |
| 38 | 4 | 21 | 8 | 1 | 1 | 0 | 0 | 0 | 0 | |
| 39 | 5 | 36 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 40 | 3 | 23 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | |
| 41 | 6 | 26 | 4 | 0 | 0 | 0 | 0 | 2 | 1 | |
| 42 | 5 | 24 | 8 | 0 | 2 | 0 | 0 | 0 | 0 | |
| 43 | 5 | 22 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 44 | 7 | 30 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 45 | 8 | 28 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 46 | 6 | 22 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 47 | 9 | 20 | 3 | 0 | 0 | 0 | 0 | 0 | 2 | |
| 48 | 4 | 40 | 8 | 0 | 0 | 0 | 0 | 0 | 2 | |
| 49 | 5 | 31 | 4 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 50 | 7 | 22 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 51 | 7 | 25 | 10 | 0 | 1 | 0 | 0 | 0 | 0 | |
| 52 | 6 | 27 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | |
| 53 | 5 | 32 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | |
| 54 | 10 | 31 | 7 | 0 | 1 | 0 | 0 | 0 | 0 | |
| 55 | 5 | 39 | 8 | 1 | 1 | 0 | 0 | 0 | 0 | |
| 56 | 5 | 24 | 6 | 0 | 0 | 0 | 1 | 0 | 2 | |
| 57 | 3 | 21 | 5 | 0 | 0 | 0 | 0 | 3 | 0 | |
| 58 | 3 | 25 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 59 | 5 | 21 | 2 | 1 | 1 | 0 | 1 | 0 | 0 | |
| 60 | 3 | 36 | 4 | 0 | 0 | 0 | 1 | 0 | 1 | |
| TOTAL | 306 | 1451 | 311 | 8 | 21 | 4 | 10 | 14 | 19 | 2144 |

INDIRA TO KOTECHA (TIME – 6:00 TO 7:00 PM)

(DATE - 24/01/2022)MONDAY

| MIN | car/jeep/van | two wheeler | rikshaw | trucks | bus | tractor | cycle | pedestrain | other vehicle |
|-----|--------------|-------------|---------|--------|-----|---------|-------|------------|---------------|
| 1 | 10 | 24 | 6 | 0 | 1 | 0 | 0 | 2 | 0 |
| 2 | 15 | 16 | 4 | 1 | 0 | 0 | 0 | 0 | 2 |
| 3 | 2 | 38 | 2 | 0 | 0 | 0 | 0 | 2 | 1 |
| 4 | 0 | 29 | 10 | 1 | 1 | 0 | 1 | 0 | 1 |
| 5 | 6 | 14 | 5 | 0 | 0 | 0 | 0 | 2 | 0 |
| 6 | 4 | 17 | 8 | 0 | 1 | 0 | 0 | 5 | 0 |
| 7 | 12 | 24 | 3 | 1 | 0 | 0 | 0 | 1 | 0 |
| 8 | 3 | 28 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 5 | 27 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 10 | 13 | 16 | 12 | 1 | 1 | 0 | 1 | 2 | 0 |
| 11 | 7 | 20 | 11 | 0 | 0 | 0 | 0 | 1 | 1 |
| 12 | 6 | 19 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 16 | 5 | 0 | 2 | 0 | 0 | 0 | 0 |
| 14 | 5 | 21 | 7 | 0 | 0 | 0 | 0 | 1 | 0 |
| 15 | 7 | 15 | 9 | 1 | 0 | 0 | 0 | 1 | 1 |
| 16 | 8 | 24 | 3 | 0 | 1 | 0 | 0 | 2 | 1 |
| 17 | 11 | 29 | 2 | 0 | 1 | 0 | 0 | 0 | 1 |
| 18 | 16 | 20 | 6 | 0 | 0 | 0 | 0 | 2 | 1 |
| 19 | 4 | 15 | 4 | 0 | 0 | 0 | 0 | 12 | 0 |
| 20 | 8 | 21 | 9 | 0 | 2 | 0 | 0 | 1 | 1 |
| 21 | 0 | 26 | 7 | 0 | 0 | 0 | 0 | 1 | 1 |
| 22 | 15 | 18 | 5 | 0 | 0 | 0 | 0 | 1 | 0 |
| 23 | 7 | 15 | 3 | 0 | 2 | 0 | 0 | 1 | 0 |
| 24 | 9 | 16 | 5 | 0 | 1 | 0 | 0 | 2 | 0 |
| 25 | 4 | 28 | 7 | 0 | 0 | 0 | 0 | 3 | 0 |
| 26 | 7 | 27 | 4 | 1 | 2 | 0 | 0 | 2 | 0 |
| 27 | 14 | 16 | 2 | 0 | 0 | 0 | 0 | 2 | 1 |
| 28 | 2 | 28 | 2 | 0 | 0 | 1 | 0 | 3 | 0 |
| 29 | 0 | 25 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| 30 | 17 | 17 | 6 | 0 | 1 | 0 | 0 | 1 | 1 |

| | | | | | | | | | | |
|-------|-----|------|-----|---|----|---|---|-----|----|------|
| 31 | 13 | 26 | 13 | 0 | 0 | 0 | 0 | 4 | 2 | |
| 32 | 3 | 18 | 2 | 0 | 0 | 1 | 0 | 5 | 0 | |
| 33 | 16 | 27 | 5 | 0 | 0 | 0 | 0 | 0 | 2 | |
| 34 | 4 | 21 | 7 | 0 | 1 | 0 | 0 | 3 | 1 | |
| 35 | 8 | 11 | 8 | 0 | 0 | 0 | 0 | 1 | 0 | |
| 36 | 7 | 27 | 6 | 0 | 0 | 0 | 0 | 2 | 0 | |
| 37 | 6 | 41 | 5 | 0 | 1 | 0 | 0 | 1 | 0 | |
| 38 | 4 | 38 | 3 | 0 | 0 | 0 | 0 | 5 | 1 | |
| 39 | 3 | 30 | 2 | 0 | 0 | 0 | 1 | 3 | 0 | |
| 40 | 14 | 14 | 6 | 0 | 1 | 0 | 0 | 2 | 0 | |
| 41 | 6 | 19 | 6 | 0 | 1 | 0 | 1 | 4 | 1 | |
| 42 | 4 | 15 | 8 | 0 | 0 | 0 | 0 | 2 | 0 | |
| 43 | 4 | 16 | 9 | 0 | 1 | 0 | 1 | 0 | 1 | |
| 44 | 5 | 24 | 6 | 0 | 0 | 0 | 0 | 1 | 0 | |
| 45 | 3 | 18 | 5 | 0 | 0 | 0 | 1 | 2 | 0 | |
| 46 | 13 | 16 | 4 | 0 | 1 | 0 | 0 | 3 | 2 | |
| 47 | 2 | 13 | 4 | 0 | 0 | 0 | 0 | 2 | 0 | |
| 48 | 6 | 24 | 3 | 0 | 2 | 0 | 0 | 1 | 1 | |
| 49 | 4 | 32 | 2 | 0 | 1 | 0 | 0 | 0 | 2 | |
| 50 | 15 | 17 | 1 | 0 | 1 | 0 | 0 | 2 | 2 | |
| 51 | 13 | 15 | 4 | 0 | 0 | 0 | 1 | 6 | 2 | |
| 52 | 12 | 30 | 5 | 1 | 0 | 0 | 0 | 4 | 1 | |
| 53 | 3 | 25 | 6 | 0 | 0 | 1 | 1 | 2 | 0 | |
| 54 | 6 | 28 | 7 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 55 | 8 | 25 | 8 | 0 | 2 | 0 | 0 | 0 | 2 | |
| 56 | 9 | 16 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | |
| 57 | 3 | 35 | 7 | 0 | 0 | 0 | 0 | 1 | 0 | |
| 58 | 6 | 30 | 4 | 0 | 0 | 0 | 0 | 5 | 0 | |
| 59 | 5 | 29 | 3 | 0 | 2 | 0 | 0 | 2 | 2 | |
| 60 | 13 | 26 | 8 | 0 | 1 | 0 | 0 | 1 | 0 | |
| TOTAL | 424 | 1355 | 314 | 7 | 31 | 3 | 9 | 117 | 36 | 2296 |

INDIRA TO KOTECHA (TIME – 8:00 TO 9:00 AM)

(DATE - 24/01/2022)MONDAY

| MIN | car/jeep/van | two wheeler | rikshaw | truck | bus | tractor | cycle | pedestrain | other vehicle |
|-----|--------------|-------------|---------|-------|-----|---------|-------|------------|---------------|
| 1 | 3 | 29 | 8 | 0 | 0 | 1 | 0 | 0 | 0 |
| 2 | 4 | 26 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 4 | 14 | 5 | 0 | 0 | 0 | 0 | 0 | 2 |
| 4 | 5 | 16 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 6 | 20 | 7 | 0 | 0 | 0 | 1 | 0 | 0 |
| 6 | 6 | 29 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 7 | 34 | 6 | 0 | 0 | 1 | 0 | 0 | 0 |
| 8 | 9 | 23 | 5 | 0 | 0 | 0 | 0 | 1 | 0 |
| 9 | 8 | 37 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 7 | 28 | 4 | 0 | 1 | 0 | 1 | 0 | 2 |
| 11 | 7 | 34 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 10 | 21 | 6 | 0 | 1 | 0 | 0 | 0 | 0 |
| 13 | 9 | 28 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 9 | 21 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 8 | 28 | 6 | 0 | 2 | 0 | 0 | 0 | 1 |
| 16 | 5 | 17 | 5 | 0 | 1 | 0 | 0 | 0 | 1 |
| 17 | 10 | 15 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 7 | 26 | 7 | 0 | 1 | 0 | 0 | 0 | 0 |
| 19 | 9 | 28 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 5 | 14 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 6 | 7 | 5 | 0 | 1 | 0 | 0 | 0 | 0 |
| 22 | 4 | 24 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 3 | 21 | 4 | 0 | 2 | 0 | 1 | 0 | 0 |
| 24 | 4 | 8 | 5 | 0 | 0 | 0 | 0 | 0 | 1 |
| 25 | 5 | 9 | 6 | 0 | 1 | 1 | 0 | 0 | 0 |
| 26 | 7 | 24 | 7 | 0 | 1 | 0 | 0 | 0 | 0 |
| 27 | 6 | 30 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 5 | 24 | 7 | 0 | 0 | 0 | 1 | 0 | 0 |
| 29 | 3 | 36 | 5 | 0 | 1 | 1 | 0 | 0 | 0 |
| 30 | 3 | 16 | 2 | 0 | 0 | 0 | 0 | 0 | 1 |

| | | | | | | | | | | |
|-------|-----|------|-----|---|----|---|----|----|----|------|
| 31 | 4 | 32 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | |
| 32 | 5 | 22 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | |
| 33 | 7 | 32 | 5 | 0 | 0 | 0 | 1 | 1 | 0 | |
| 34 | 6 | 15 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | |
| 35 | 5 | 32 | 7 | 0 | 0 | 0 | 0 | 4 | 0 | |
| 36 | 3 | 31 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 37 | 4 | 25 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 38 | 4 | 22 | 6 | 1 | 0 | 0 | 0 | 4 | 2 | |
| 39 | 12 | 21 | 5 | 0 | 1 | 0 | 2 | 2 | 0 | |
| 40 | 6 | 25 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | |
| 41 | 8 | 28 | 2 | 1 | 1 | 0 | 1 | 0 | 0 | |
| 42 | 5 | 14 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 43 | 4 | 18 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 44 | 5 | 20 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 45 | 6 | 22 | 5 | 0 | 0 | 0 | 2 | 2 | 0 | |
| 46 | 11 | 25 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | |
| 47 | 4 | 16 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | |
| 48 | 2 | 21 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 49 | 3 | 24 | 3 | 0 | 1 | 0 | 0 | 1 | 0 | |
| 50 | 5 | 21 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 51 | 4 | 30 | 6 | 0 | 2 | 0 | 0 | 0 | 0 | |
| 52 | 7 | 24 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 53 | 7 | 21 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 54 | 5 | 24 | 8 | 0 | 0 | 1 | 0 | 0 | 0 | |
| 55 | 10 | 16 | 6 | 0 | 2 | 0 | 0 | 0 | 0 | |
| 56 | 4 | 13 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | |
| 57 | 5 | 16 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 58 | 8 | 21 | 8 | 0 | 0 | 0 | 1 | 0 | 1 | |
| 59 | 4 | 14 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 60 | 6 | 29 | 5 | 0 | 1 | 1 | 0 | 0 | 1 | |
| TOTAL | 353 | 1361 | 316 | 4 | 23 | 8 | 11 | 16 | 13 | 2105 |

KOTECHA TO INDIRA (TIME – 6:00 TO 7:00 PM)

(DATE - 24/01/2022)MONDAY

| MIN | car/jeep/van | two wheeler | rickshaw | truck | bus | tractor | cycle | pedestrain | other vehicle |
|-----|--------------|-------------|----------|-------|-----|---------|-------|------------|---------------|
| 1 | 7 | 18 | 2 | 0 | 1 | 0 | 0 | 3 | 0 |
| 2 | 6 | 24 | 3 | 0 | 0 | 0 | 0 | 1 | 0 |
| 3 | 4 | 14 | 6 | 0 | 1 | 0 | 0 | 0 | 0 |
| 4 | 2 | 15 | 1 | 0 | 0 | 0 | 1 | 0 | 2 |
| 5 | 4 | 23 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 5 | 26 | 4 | 0 | 0 | 0 | 0 | 5 | 0 |
| 7 | 8 | 25 | 3 | 0 | 1 | 1 | 0 | 6 | 0 |
| 8 | 7 | 29 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| 9 | 5 | 12 | 3 | 1 | 0 | 0 | 0 | 1 | 1 |
| 10 | 2 | 15 | 4 | 0 | 0 | 0 | 1 | 0 | 2 |
| 11 | 3 | 21 | 6 | 0 | 1 | 0 | 0 | 3 | 1 |
| 12 | 6 | 23 | 6 | 0 | 0 | 0 | 0 | 0 | 2 |
| 13 | 14 | 16 | 8 | 0 | 1 | 0 | 1 | 0 | 0 |
| 14 | 15 | 20 | 8 | 1 | 0 | 0 | 0 | 0 | 1 |
| 15 | 24 | 15 | 0 | 0 | 0 | 0 | 1 | 3 | 1 |
| 16 | 15 | 16 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 14 | 6 | 0 | 1 | 0 | 1 | 2 | 2 |
| 18 | 2 | 27 | 6 | 0 | 1 | 0 | 0 | 3 | 0 |
| 19 | 3 | 27 | 5 | 0 | 0 | 0 | 1 | 0 | 2 |
| 20 | 4 | 21 | 3 | 0 | 0 | 0 | 1 | 4 | 1 |
| 21 | 6 | 22 | 7 | 0 | 0 | 0 | 0 | 6 | 1 |
| 22 | 7 | 26 | 2 | 1 | 3 | 0 | 1 | 8 | 1 |
| 23 | 2 | 26 | 3 | 0 | 0 | 0 | 2 | 0 | 0 |
| 24 | 13 | 15 | 4 | 0 | 1 | 0 | 1 | 5 | 2 |
| 25 | 3 | 25 | 5 | 0 | 0 | 0 | 1 | 0 | 0 |
| 26 | 5 | 17 | 7 | 0 | 0 | 0 | 0 | 2 | 1 |
| 27 | 14 | 27 | 0 | 0 | 0 | 0 | 2 | 3 | 1 |
| 28 | 5 | 19 | 6 | 0 | 0 | 0 | 2 | 4 | 0 |
| 29 | 2 | 22 | 5 | 0 | 0 | 0 | 0 | 3 | 2 |
| 30 | 13 | 24 | 2 | 0 | 0 | 0 | 0 | 6 | 1 |

| | | | | | | | | | | |
|-------|-----|------|-----|---|----|---|----|-----|----|------|
| 31 | 15 | 15 | 2 | 0 | 1 | 0 | 1 | 6 | 0 | |
| 32 | 11 | 17 | 4 | 0 | 0 | 0 | 0 | 5 | 0 | |
| 33 | 7 | 25 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 34 | 5 | 28 | 5 | 0 | 1 | 0 | 0 | 2 | 1 | |
| 35 | 3 | 15 | 1 | 0 | 0 | 0 | 1 | 9 | 0 | |
| 36 | 16 | 12 | 12 | 0 | 0 | 0 | 1 | 3 | 0 | |
| 37 | 7 | 11 | 6 | 0 | 2 | 0 | 1 | 2 | 1 | |
| 38 | 4 | 32 | 2 | 0 | 0 | 1 | 0 | 5 | 0 | |
| 39 | 3 | 48 | 7 | 0 | 0 | 0 | 0 | 3 | 2 | |
| 40 | 12 | 39 | 4 | 0 | 1 | 0 | 1 | 6 | 1 | |
| 41 | 6 | 31 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 42 | 5 | 47 | 8 | 0 | 0 | 0 | 0 | 1 | 1 | |
| 43 | 7 | 34 | 6 | 0 | 1 | 0 | 0 | 5 | 0 | |
| 44 | 6 | 22 | 4 | 0 | 1 | 1 | 0 | 6 | 0 | |
| 45 | 5 | 33 | 3 | 0 | 0 | 0 | 3 | 4 | 0 | |
| 46 | 3 | 43 | 11 | 0 | 0 | 0 | 1 | 3 | 1 | |
| 47 | 11 | 21 | 2 | 0 | 1 | 0 | 2 | 2 | 0 | |
| 48 | 4 | 35 | 6 | 0 | 0 | 0 | 0 | 0 | 2 | |
| 49 | 7 | 32 | 3 | 0 | 2 | 1 | 1 | 2 | 0 | |
| 50 | 6 | 36 | 8 | 0 | 1 | 0 | 1 | 15 | 1 | |
| 51 | 3 | 31 | 7 | 0 | 0 | 0 | 0 | 0 | 2 | |
| 52 | 4 | 32 | 6 | 0 | 0 | 0 | 0 | 3 | 0 | |
| 53 | 5 | 26 | 5 | 0 | 0 | 0 | 1 | 2 | 1 | |
| 54 | 6 | 32 | 2 | 0 | 3 | 0 | 0 | 2 | 0 | |
| 55 | 4 | 12 | 3 | 0 | 2 | 0 | 0 | 12 | 11 | |
| 56 | 11 | 42 | 13 | 0 | 0 | 0 | 0 | 2 | 1 | |
| 57 | 2 | 12 | 9 | 0 | 0 | 0 | 0 | 1 | 2 | |
| 58 | 4 | 14 | 7 | 0 | 2 | 0 | 2 | 2 | 0 | |
| 59 | 7 | 15 | 5 | 0 | 0 | 0 | 0 | 3 | 0 | |
| 60 | 4 | 24 | 2 | 0 | 1 | 0 | 0 | 0 | 1 | |
| TOTAL | 399 | 1440 | 288 | 3 | 31 | 4 | 32 | 174 | 52 | 2423 |

KOTECHA TO INDIRA (TIME – 8:00 TO 9:00 AM)

(DATE - 23/01/2022)SUNDAY

| MIN | car/jeep/van | two wheeler | rickshaw | trucks | bus | tractor | cycle | pedestrain | other vehicle |
|-----|--------------|-------------|----------|--------|-----|---------|-------|------------|---------------|
| 1 | 2 | 15 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 3 | 11 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 2 | 13 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 2 | 15 | 6 | 0 | 1 | 0 | 0 | 2 | 1 |
| 5 | 3 | 12 | 3 | 0 | 0 | 1 | 0 | 0 | 0 |
| 6 | 2 | 16 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 3 | 14 | 6 | 0 | 0 | 0 | 1 | 0 | 0 |
| 8 | 4 | 15 | 3 | 0 | 0 | 0 | 0 | 0 | 1 |
| 9 | 4 | 14 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 3 | 11 | 6 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11 | 3 | 16 | 3 | 0 | 1 | 0 | 0 | 0 | 0 |
| 12 | 3 | 11 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 5 | 12 | 7 | 0 | 0 | 0 | 0 | 0 | 1 |
| 14 | 3 | 15 | 4 | 0 | 1 | 0 | 1 | 2 | 0 |
| 15 | 3 | 13 | 6 | 0 | 0 | 1 | 0 | 0 | 2 |
| 16 | 5 | 16 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 3 | 11 | 5 | 0 | 0 | 0 | 1 | 0 | 0 |
| 18 | 4 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 2 | 15 | 7 | 0 | 0 | 1 | 0 | 0 | 0 |
| 20 | 3 | 12 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 5 | 14 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 2 | 12 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 3 | 14 | 3 | 0 | 1 | 0 | 0 | 0 | 0 |
| 24 | 5 | 19 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 4 | 17 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 2 | 16 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 3 | 21 | 4 | 0 | 0 | 0 | 1 | 0 | 1 |
| 28 | 1 | 26 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 2 | 12 | 3 | 0 | 0 | 0 | 0 | 0 | 2 |
| 30 | 5 | 18 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | |
|-------|-----|-----|-----|---|---|---|---|---|----|------|
| 31 | 2 | 17 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | |
| 32 | 4 | 16 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | |
| 33 | 5 | 13 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | |
| 34 | 3 | 13 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 35 | 5 | 16 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 36 | 8 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 37 | 5 | 16 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 38 | 8 | 18 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 39 | 6 | 15 | 4 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 40 | 2 | 14 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 41 | 6 | 15 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | |
| 42 | 3 | 18 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | |
| 43 | 8 | 18 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 44 | 6 | 11 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 45 | 5 | 13 | 4 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 46 | 4 | 15 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 47 | 9 | 12 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | |
| 48 | 7 | 27 | 5 | 1 | 0 | 0 | 0 | 0 | 1 | |
| 49 | 4 | 26 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | |
| 50 | 6 | 12 | 7 | 0 | 1 | 0 | 0 | 0 | 1 | |
| 51 | 9 | 13 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 52 | 7 | 16 | 5 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 53 | 2 | 15 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | |
| 54 | 7 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 55 | 3 | 25 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 56 | 8 | 21 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 57 | 3 | 23 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 58 | 7 | 26 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 59 | 5 | 22 | 8 | 0 | 1 | 0 | 0 | 0 | 0 | |
| 60 | 4 | 25 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TOTAL | 251 | 960 | 265 | 3 | 9 | 6 | 4 | 5 | 16 | 1519 |

INDIRA TO KOTECHA (TIME – 6:00 TO 6:00 PM)

(DATE - 23/01/2022)SUNDAY

| MIN | car/jeep/van | two wheeler | rikshaw | trucks | bus | tractor | cycle | pedestrain | other vehicle |
|-----|--------------|-------------|---------|--------|-----|---------|-------|------------|---------------|
| 1 | 14 | 32 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 9 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 3 | 11 | 15 | 4 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4 | 9 | 12 | 6 | 0 | 0 | 0 | 0 | 2 | 0 |
| 5 | 8 | 15 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 5 | 43 | 2 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7 | 9 | 14 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 8 | 17 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 3 | 14 | 5 | 0 | 2 | 0 | 0 | 0 | 0 |
| 10 | 9 | 12 | 3 | 0 | 1 | 0 | 0 | 0 | 0 |
| 11 | 5 | 16 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 8 | 15 | 5 | 1 | 0 | 0 | 0 | 0 | 0 |
| 13 | 9 | 33 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 8 | 27 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 5 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 16 | 6 | 35 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 9 | 25 | 6 | 0 | 1 | 0 | 0 | 0 | 0 |
| 18 | 7 | 20 | 2 | 0 | 0 | 0 | 0 | 0 | 1 |
| 19 | 4 | 16 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 9 | 45 | 6 | 0 | 0 | 0 | 0 | 1 | 1 |
| 21 | 7 | 21 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 9 | 22 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 9 | 32 | 4 | 2 | 0 | 0 | 0 | 1 | 0 |
| 24 | 7 | 15 | 7 | 0 | 2 | 0 | 0 | 0 | 1 |
| 25 | 9 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 8 | 17 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 9 | 25 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 11 | 36 | 2 | 0 | 0 | 1 | 0 | 0 | 0 |
| 29 | 10 | 15 | 4 | 0 | 0 | 0 | 0 | 1 | 0 |
| 30 | 7 | 27 | 5 | 0 | 1 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | |
|-------|-----|------|-----|---|----|---|---|----|----|------|
| 31 | 5 | 38 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | |
| 32 | 11 | 16 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | |
| 33 | 4 | 15 | 4 | 0 | 0 | 0 | 0 | 0 | 2 | |
| 34 | 11 | 47 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 35 | 9 | 12 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | |
| 36 | 4 | 52 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 37 | 11 | 17 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | |
| 38 | 5 | 48 | 3 | 0 | 0 | 0 | 0 | 2 | 0 | |
| 39 | 7 | 53 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 40 | 5 | 59 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 41 | 12 | 30 | 6 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 42 | 9 | 17 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | |
| 43 | 7 | 58 | 3 | 0 | 0 | 0 | 0 | 0 | 2 | |
| 44 | 3 | 21 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 45 | 11 | 47 | 6 | 0 | 2 | 0 | 0 | 0 | 2 | |
| 46 | 10 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 47 | 8 | 26 | 4 | 1 | 0 | 1 | 0 | 2 | 0 | |
| 48 | 4 | 60 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 49 | 6 | 23 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | |
| 50 | 11 | 14 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 51 | 9 | 56 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 52 | 8 | 24 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 53 | 6 | 42 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | |
| 54 | 3 | 15 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | |
| 55 | 8 | 26 | 4 | 0 | 2 | 0 | 2 | 0 | 0 | |
| 56 | 6 | 37 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 57 | 2 | 39 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 58 | 11 | 29 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | |
| 59 | 10 | 28 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 60 | 6 | 40 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TOTAL | 459 | 1671 | 213 | 4 | 14 | 3 | 7 | 10 | 19 | 2400 |

INDIRA TO KOTECHA (TIME – 8:00 TO 9:00 AM)

(DATE - 23/01/2022)SUNDAY

| MIN | car/jeep/van | two wheeler | rickshaw | truck | bus | tractor | cycle | pedestrain | other vehicle |
|-----|--------------|-------------|----------|-------|-----|---------|-------|------------|---------------|
| 1 | 7 | 22 | 2 | 0 | 0 | 1 | 0 | 0 | 2 |
| 2 | 4 | 25 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 6 | 26 | 7 | 0 | 1 | 0 | 0 | 1 | 0 |
| 4 | 3 | 21 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| 5 | 6 | 25 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 2 | 15 | 6 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7 | 7 | 14 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 4 | 17 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 3 | 18 | 7 | 0 | 0 | 0 | 0 | 2 | 0 |
| 10 | 8 | 13 | 9 | 0 | 1 | 0 | 1 | 0 | 0 |
| 11 | 5 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 6 | 23 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 3 | 14 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 8 | 15 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 4 | 16 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 6 | 15 | 5 | 1 | 0 | 0 | 0 | 2 | 0 |
| 17 | 8 | 16 | 9 | 0 | 0 | 0 | 0 | 0 | 2 |
| 18 | 3 | 13 | 7 | 0 | 1 | 0 | 0 | 0 | 1 |
| 19 | 6 | 17 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 4 | 13 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 8 | 15 | 8 | 0 | 1 | 0 | 0 | 1 | 0 |
| 22 | 4 | 13 | 6 | 0 | 0 | 1 | 1 | 0 | 0 |
| 23 | 6 | 16 | 5 | 0 | 0 | 0 | 0 | 0 | 2 |
| 24 | 4 | 14 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 2 | 17 | 4 | 0 | 0 | 0 | 0 | 0 | 1 |
| 26 | 7 | 19 | 8 | 0 | 1 | 0 | 0 | 2 | 0 |
| 27 | 5 | 17 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 8 | 18 | 9 | 0 | 0 | 0 | 1 | 0 | 0 |
| 29 | 5 | 24 | 7 | 0 | 1 | 1 | 0 | 0 | 1 |
| 30 | 3 | 26 | 5 | 0 | 0 | 1 | 0 | 0 | 0 |

| | | | | | | | | | | |
|-------|-----|------|-----|---|---|---|---|----|----|------|
| 31 | 6 | 21 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 32 | 4 | 14 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 33 | 2 | 26 | 7 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| 34 | 6 | 13 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | 7 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 36 | 5 | 26 | 8 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 37 | 4 | 14 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 38 | 7 | 28 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 39 | 5 | 25 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 40 | 8 | 12 | 7 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 41 | 6 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 42 | 5 | 15 | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| 43 | 6 | 25 | 7 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 44 | 5 | 23 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | 3 | 27 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 46 | 5 | 28 | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| 47 | 2 | 29 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48 | 6 | 14 | 7 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 49 | 3 | 16 | 6 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| 50 | 7 | 26 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 51 | 5 | 15 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 52 | 4 | 17 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 53 | 3 | 26 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 54 | 2 | 24 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 55 | 5 | 26 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 56 | 6 | 27 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 57 | 4 | 25 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 58 | 3 | 15 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 59 | 4 | 14 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60 | 5 | 26 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 298 | 1159 | 364 | 2 | 7 | 7 | 8 | 15 | 14 | 1874 |

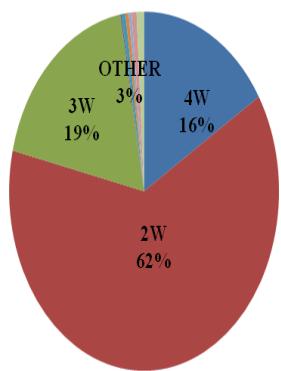
INDIRA TO KOTECHA (TIME – 6:00 TO 7:00 PM)

(DATE - 23/01/2022)SUNDAY

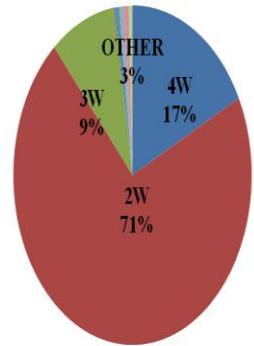
| MIN | car/jeep/van | two wheeler | rikshaw | truck | bus | tractor | cycle | pedestrain | other vehicle |
|-----|--------------|-------------|---------|-------|-----|---------|-------|------------|---------------|
| | | | | | | | | | |
| 1 | 5 | 11 | 4 | 0 | 0 | 0 | 0 | 2 | 0 |
| 2 | 2 | 29 | 2 | 0 | 0 | 0 | 1 | 0 | 0 |
| 3 | 7 | 15 | 2 | 0 | 0 | 1 | 0 | 0 | 1 |
| 4 | 3 | 14 | 5 | 1 | 0 | 0 | 0 | 0 | 0 |
| 5 | 10 | 28 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 3 | 32 | 2 | 0 | 1 | 0 | 0 | 0 | 1 |
| 7 | 7 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 4 | 15 | 4 | 0 | 0 | 0 | 0 | 1 | 0 |
| 9 | 1 | 30 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 7 | 27 | 7 | 0 | 1 | 0 | 0 | 0 | 0 |
| 11 | 9 | 58 | 5 | 0 | 0 | 0 | 2 | 0 | 0 |
| 12 | 3 | 14 | 3 | 0 | 0 | 0 | 0 | 0 | 2 |
| 13 | 5 | 17 | 2 | 0 | 0 | 0 | 0 | 2 | 0 |
| 14 | 3 | 53 | 6 | 0 | 0 | 0 | 0 | 2 | 0 |
| 15 | 8 | 16 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 4 | 25 | 6 | 0 | 0 | 1 | 0 | 0 | 0 |
| 17 | 2 | 27 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 9 | 50 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 19 | 5 | 26 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 8 | 15 | 3 | 0 | 0 | 0 | 0 | 1 | 0 |
| 21 | 6 | 12 | 1 | 1 | 0 | 0 | 0 | 1 | 0 |
| 22 | 9 | 48 | 3 | 0 | 0 | 0 | 0 | 1 | 0 |
| 23 | 4 | 18 | 5 | 0 | 2 | 0 | 2 | 1 | 0 |
| 24 | 6 | 19 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 3 | 14 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 10 | 39 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 8 | 11 | 6 | 0 | 0 | 0 | 2 | 0 | 0 |
| 28 | 11 | 16 | 5 | 0 | 0 | 0 | 1 | 0 | 0 |
| 29 | 4 | 18 | 4 | 0 | 0 | 0 | 0 | 1 | 0 |
| 30 | 17 | 40 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |

| | | | | | | | | | | |
|-------|-----|------|-----|---|----|---|----|----|---|------|
| 31 | 15 | 16 | 5 | 0 | 0 | 0 | 0 | 2 | 0 | |
| 32 | 3 | 20 | 3 | 0 | 2 | 0 | 0 | 1 | 0 | |
| 33 | 6 | 22 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 34 | 13 | 38 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 35 | 5 | 40 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 36 | 3 | 56 | 7 | 0 | 0 | 0 | 0 | 1 | 0 | |
| 37 | 12 | 30 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 38 | 4 | 47 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | |
| 39 | 2 | 26 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | |
| 40 | 7 | 50 | 5 | 0 | 2 | 0 | 0 | 2 | 0 | |
| 41 | 12 | 28 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 42 | 4 | 43 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 43 | 11 | 38 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 44 | 4 | 51 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 45 | 7 | 60 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 46 | 10 | 36 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 47 | 4 | 38 | 5 | 0 | 2 | 0 | 0 | 0 | 0 | |
| 48 | 13 | 72 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | |
| 49 | 2 | 30 | 3 | 0 | 0 | 0 | 2 | 2 | 0 | |
| 50 | 8 | 38 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | |
| 51 | 9 | 16 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 52 | 6 | 40 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 53 | 10 | 39 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 54 | 8 | 54 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | |
| 55 | 9 | 33 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 56 | 7 | 16 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 57 | 5 | 15 | 3 | 0 | 0 | 0 | 0 | 3 | 0 | |
| 58 | 4 | 39 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | |
| 59 | 11 | 30 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 60 | 5 | 20 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | |
| TOTAL | 402 | 1832 | 226 | 3 | 12 | 2 | 17 | 25 | 6 | 2525 |

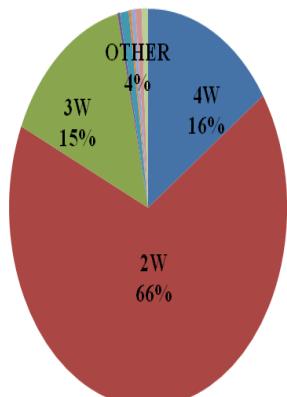
KOTECHA
CIRCLE(23/01/2022)
(8AM TO 9AM)



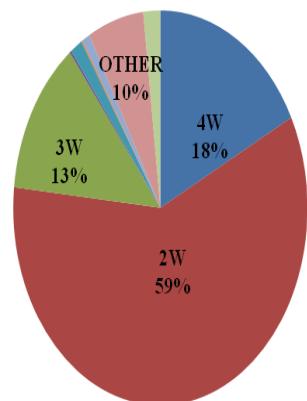
INDIRA
CIRCLE(23/01/2022)
(6PM TO 7PM)



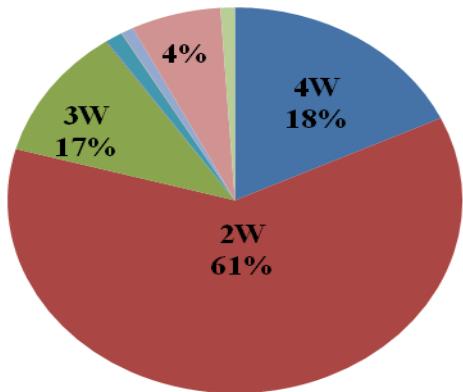
KOTECHA
CIRCLE(24/01/2022)
(8AM TO 9AM)



INDIRA
CIRCLE(24/01/2022)
(6PM TO 7PM)



**INDIRA CIRCLE
(25/01/2022)
(8AM TO 9AM)**



**KOTECHA
CIRCLE(25/01/2022)
(6PM TO 7PM)**

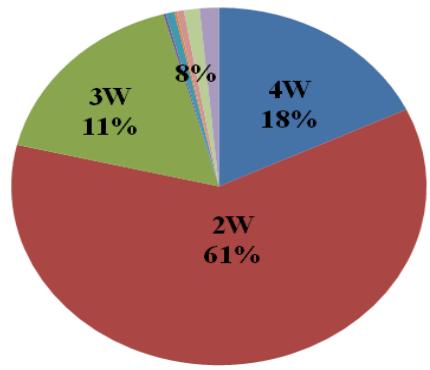


Fig. 4.1 kotecha circle and indira circle traffic volume pie charts

(2W- two wheeler, 3W - three wheeler, 4W- four wheeler, and other vehicles)

MIDDLE SECTION TRAFFIC VOLUME

PCU VALUES OF ALL VEHICLES:

Table 4.3 PCU for all vehicles

| Type of Vehicle | PCU Values (IRC SP 41) |
|-----------------|---------------------------|
| Car | 1 |
| Motor Cycle | 0.5 |
| Auto Rickshaw | 1 |
| Tempo | 1 |
| Truck | 4.5 |
| LCV | 1.5 |
| Bus | 3 |

MIDDEL PART - (TIME - 8:00 TO 9:00 AM)

(DATE - 26/01/2022)WEDNESDAY

| MIN | car/jeep/van | two wheeler | rickshaw | trucks | bus | tractor | cycle | pedestrain | other vehicle | | pcu/hr |
|-----|--------------|-------------|----------|--------|-----|---------|-------|------------|---------------|--|--------|
| 1 | 6 | 18 | 5 | 0 | 0 | 0 | 1 | 3 | 0 | | 17.5 |
| 2 | 6 | 19 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 17 |
| 3 | 9 | 16 | 7 | 0 | 1 | 0 | 2 | 1 | 1 | | 24 |
| 4 | 7 | 17 | 5 | 0 | 0 | 0 | 0 | 0 | 2 | | 18 |
| 5 | 15 | 16 | 6 | 0 | 0 | 0 | 0 | 1 | 0 | | 26 |
| 6 | 15 | 19 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | | 27.5 |
| 7 | 8 | 21 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | | 21 |
| 8 | 6 | 36 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | | 26.5 |
| 9 | 6 | 27 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 21.5 |
| 10 | 6 | 25 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | | 21 |
| 11 | 5 | 31 | 7 | 0 | 1 | 0 | 0 | 0 | 1 | | 27.5 |
| 12 | 9 | 33 | 4 | 0 | 0 | 0 | 0 | 0 | 1 | | 27.5 |
| 13 | 9 | 29 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | | 24.5 |
| 14 | 6 | 25 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | | 21.5 |
| 15 | 4 | 27 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | | 20 |
| 16 | 10 | 30 | 7 | 0 | 0 | 0 | 0 | 1 | 1 | | 28.5 |
| 17 | 11 | 11 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | | 18 |
| 18 | 3 | 28 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | | 19.5 |
| 19 | 13 | 11 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | | 20 |
| 20 | 11 | 39 | 6 | 0 | 0 | 0 | 0 | 0 | 1 | | 33.5 |
| 21 | 10 | 20 | 4 | 0 | 1 | 0 | 1 | 0 | 1 | | 25.5 |
| 22 | 9 | 11 | 4 | 0 | 0 | 0 | 0 | 0 | 2 | | 16.5 |
| 23 | 13 | 26 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 27.5 |
| 24 | 7 | 32 | 6 | 0 | 0 | 0 | 0 | 1 | 1 | | 26 |
| 25 | 6 | 11 | 4 | 0 | 0 | 0 | 2 | 3 | 0 | | 13.5 |
| 26 | 8 | 28 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | | 23.5 |
| 27 | 3 | 11 | 5 | 0 | 1 | 0 | 1 | 1 | 0 | | 14.5 |
| 28 | 9 | 29 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 25 |
| 29 | 11 | 27 | 3 | 0 | 0 | 2 | 2 | 0 | 0 | | 34 |
| 30 | 9 | 37 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | | 29 |

| | | | | | | | | | | | |
|-------|-----|------|-----|---|----|---|----|----|----|------|--------|
| 31 | 5 | 11 | 3 | 0 | 0 | 0 | 0 | 0 | 2 | | 12 |
| 32 | 4 | 27 | 7 | 0 | 2 | 0 | 0 | 0 | 1 | | 28 |
| 33 | 7 | 17 | 3 | 0 | 0 | 0 | 1 | 1 | 0 | | 17 |
| 34 | 3 | 20 | 3 | 0 | 0 | 0 | 2 | 2 | 1 | | 14.5 |
| 35 | 3 | 11 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | | 17 |
| 36 | 3 | 19 | 5 | 0 | 2 | 0 | 0 | 0 | 0 | | 22 |
| 37 | 8 | 27 | 3 | 0 | 0 | 0 | 1 | 0 | 2 | | 23 |
| 38 | 3 | 11 | 5 | 0 | 0 | 0 | 0 | 0 | 1 | | 11 |
| 39 | 6 | 28 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 21.5 |
| 40 | 2 | 29 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 18.5 |
| 41 | 9 | 16 | 3 | 0 | 0 | 0 | 0 | 2 | 0 | | 18.5 |
| 42 | 8 | 11 | 9 | 0 | 0 | 0 | 1 | 0 | 1 | | 18 |
| 43 | 6 | 37 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | | 27 |
| 44 | 2 | 36 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | | 23.5 |
| 45 | 5 | 11 | 2 | 0 | 1 | 0 | 0 | 1 | 0 | | 15 |
| 46 | 2 | 18 | 3 | 0 | 0 | 0 | 0 | 1 | 1 | | 12.5 |
| 47 | 8 | 15 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | | 17.5 |
| 48 | 6 | 11 | 2 | 0 | 1 | 1 | 3 | 0 | 1 | | 20 |
| 49 | 8 | 25 | 5 | 0 | 0 | 0 | 2 | 1 | 0 | | 23 |
| 50 | 6 | 20 | 4 | 0 | 1 | 0 | 1 | 2 | 0 | | 21.5 |
| 51 | 5 | 27 | 2 | 0 | 1 | 0 | 0 | 1 | 0 | | 23 |
| 52 | 4 | 11 | 2 | 0 | 2 | 0 | 0 | 1 | 0 | | 17.5 |
| 53 | 5 | 17 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | | 16 |
| 54 | 7 | 24 | 6 | 0 | 0 | 0 | 0 | 1 | 0 | | 22 |
| 55 | 5 | 11 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | | 14.5 |
| 56 | 9 | 11 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 16 |
| 57 | 7 | 33 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | | 26 |
| 58 | 7 | 16 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | | 19.5 |
| 59 | 9 | 11 | 3 | 0 | 0 | 0 | 0 | 2 | 1 | | 16 |
| 60 | 5 | 34 | 3 | 0 | 0 | 0 | 1 | 1 | 2 | | 23.5 |
| TOTAL | 417 | 1305 | 252 | 0 | 18 | 3 | 28 | 33 | 25 | 2081 | 1270.5 |
| | | | | | | | | | | MAX | 34 |

MIDDEL PART - (TIME - 6:00 TO 7:00 PM)

(DATE - 26/01/2022)WEDNESDAY

| MIN | car/jeep/van | two wheeler | rickshaw | truck | bus | tractor | cycle | pedestrian | other vehicle | | pcu/hr |
|-----|--------------|-------------|----------|-------|-----|---------|-------|------------|---------------|--|--------|
| 1 | 9 | 33 | 2 | 0 | 0 | 0 | 0 | 3 | 0 | | 26.5 |
| 2 | 4 | 17 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | | 14 |
| 3 | 11 | 22 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 23 |
| 4 | 11 | 35 | 2 | 0 | 1 | 0 | 0 | 1 | 1 | | 33 |
| 5 | 11 | 19 | 3 | 0 | 1 | 0 | 1 | 3 | 0 | | 25.5 |
| 6 | 5 | 30 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | 20.5 |
| 7 | 12 | 33 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | | 31 |
| 8 | 7 | 37 | 2 | 0 | 1 | 0 | 1 | 0 | 1 | | 30 |
| 9 | 6 | 25 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | | 19 |
| 10 | 10 | 52 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 38 |
| 11 | 11 | 24 | 4 | 0 | 1 | 0 | 0 | 2 | 0 | | 28.5 |
| 12 | 7 | 12 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | | 19 |
| 13 | 11 | 42 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | | 34 |
| 14 | 12 | 37 | 8 | 0 | 0 | 0 | 2 | 0 | 0 | | 34.5 |
| 15 | 11 | 39 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 32 |
| 16 | 7 | 39 | 2 | 0 | 2 | 0 | 0 | 3 | 0 | | 34.5 |
| 17 | 3 | 47 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | | 28 |
| 18 | 15 | 30 | 5 | 0 | 0 | 0 | 1 | 1 | 0 | | 32.5 |
| 19 | 6 | 12 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | | 13 |
| 20 | 9 | 36 | 4 | 0 | 0 | 0 | 0 | 0 | 1 | | 29 |
| 21 | 16 | 29 | 6 | 0 | 0 | 0 | 1 | 5 | 0 | | 33.5 |
| 22 | 8 | 12 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | | 15 |
| 23 | 4 | 55 | 3 | 0 | 1 | 0 | 1 | 2 | 0 | | 36.5 |
| 24 | 10 | 42 | 3 | 0 | 0 | 0 | 1 | 1 | 1 | | 32.5 |
| 25 | 11 | 12 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 19 |
| 26 | 9 | 46 | 2 | 0 | 1 | 0 | 0 | 2 | 0 | | 36.5 |
| 27 | 8 | 29 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 24 |
| 28 | 7 | 12 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 14.5 |
| 29 | 5 | 27 | 2 | 0 | 0 | 0 | 2 | 1 | 0 | | 19.5 |
| 30 | 8 | 29 | 3 | 0 | 0 | 1 | 1 | 0 | 0 | | 28 |

| | | | | | | | | | | | |
|-------|-----|------|-----|-----|----|---|----|----|---|--------|--------|
| 31 | 6 | 28 | 3 | 0 | 1 | 0 | 1 | 1 | 0 | | 25 |
| 32 | 10 | 12 | 5 | 0 | 0 | 0 | 1 | 1 | 0 | | 18.5 |
| 33 | 11 | 39 | 5 | 0 | 0 | 0 | 2 | 1 | 0 | | 33 |
| 34 | 4 | 27 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 19 |
| 35 | 5 | 12 | 4 | 0 | 1 | 0 | 1 | 1 | 0 | | 16.5 |
| 36 | 10 | 36 | 3 | 0 | 0 | 0 | 0 | 4 | 0 | | 29.5 |
| 37 | 3 | 12 | 3 | 0 | 1 | 0 | 4 | 2 | 0 | | 14 |
| 38 | 8 | 45 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | | 31 |
| 39 | 9 | 40 | 3 | 0 | 0 | 0 | 2 | 1 | 0 | | 30.5 |
| 40 | 10 | 12 | 4 | 0 | 0 | 0 | 1 | 2 | 0 | | 18 |
| 41 | 7 | 22 | 3 | 0 | 0 | 0 | 1 | 0 | 1 | | 19.5 |
| 42 | 6 | 41 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | | 27.5 |
| 43 | 12 | 12 | 3 | 0 | 1 | 0 | 1 | 0 | 0 | | 23 |
| 44 | 17 | 25 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | | 31 |
| 45 | 6 | 46 | 8 | 0 | 1 | 0 | 1 | 0 | 0 | | 36.5 |
| 46 | 15 | 39 | 4 | 0 | 0 | 0 | 2 | 5 | 0 | | 36.5 |
| 47 | 3 | 12 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | | 10.5 |
| 48 | 2 | 40 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | | 22.5 |
| 49 | 17 | 12 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | | 24.5 |
| 50 | 7 | 12 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | | 14.5 |
| 51 | 4 | 21 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | | 16 |
| 52 | 7 | 30 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | | 26 |
| 53 | 11 | 36 | 3 | 0 | 0 | 0 | 1 | 3 | 0 | | 30.5 |
| 54 | 10 | 26 | 3 | 0 | 0 | 0 | 1 | 0 | 1 | | 24.5 |
| 55 | 9 | 49 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | | 35.5 |
| 56 | 13 | 34 | 3 | 0 | 0 | 0 | 1 | 3 | 0 | | 31.5 |
| 57 | 5 | 12 | 3 | 0 | 0 | 0 | 0 | 4 | 0 | | 12.5 |
| 58 | 4 | 45 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 28 |
| 59 | 10 | 30 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | | 25.5 |
| 60 | 5 | 28 | 3 | 0 | 1 | 0 | 1 | 1 | 0 | | 24 |
| TOTAL | 510 | 1749 | 190 | 199 | 16 | 1 | 45 | 62 | 7 | 2778.5 | 1539.5 |
| | | | | | | | | | | MAX | 38 |

MIDDEL PART - (TIME - 8:00 TO 9:00 AM)

(DATE - 26/01/2022)WEDNESDAY

| MIN | car/jeep/van | two wheeler | rickshaw | trucks | bus | tractor | cycle | pedestrian | other vehicle | | pcu/hr |
|-----|--------------|-------------|----------|--------|-----|---------|-------|------------|---------------|--|--------|
| 1 | 6 | 34 | 5 | 0 | 0 | 0 | 1 | 3 | 0 | | 25.5 |
| 2 | 13 | 19 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 24.5 |
| 3 | 9 | 16 | 7 | 0 | 1 | 0 | 2 | 1 | 1 | | 24 |
| 4 | 7 | 17 | 5 | 0 | 0 | 0 | 0 | 0 | 2 | | 18 |
| 5 | 15 | 31 | 6 | 0 | 0 | 0 | 0 | 1 | 0 | | 33.5 |
| 6 | 15 | 43 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | | 39.5 |
| 7 | 8 | 46 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | | 33.5 |
| 8 | 6 | 36 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | | 26.5 |
| 9 | 6 | 27 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 21.5 |
| 10 | 6 | 25 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | | 21 |
| 11 | 5 | 31 | 7 | 0 | 1 | 0 | 0 | 0 | 1 | | 27.5 |
| 12 | 9 | 33 | 4 | 0 | 0 | 0 | 0 | 0 | 1 | | 27.5 |
| 13 | 12 | 29 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | | 27.5 |
| 14 | 17 | 25 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | | 32.5 |
| 15 | 4 | 27 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | | 20 |
| 16 | 10 | 30 | 7 | 0 | 0 | 0 | 0 | 1 | 1 | | 28.5 |
| 17 | 11 | 35 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | | 30 |
| 18 | 3 | 28 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | | 19.5 |
| 19 | 13 | 11 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | | 20 |
| 20 | 11 | 39 | 6 | 0 | 0 | 0 | 0 | 0 | 1 | | 33.5 |
| 21 | 10 | 20 | 4 | 0 | 1 | 0 | 1 | 0 | 1 | | 25.5 |
| 22 | 9 | 11 | 4 | 0 | 0 | 0 | 0 | 0 | 2 | | 16.5 |
| 23 | 13 | 26 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 27.5 |
| 24 | 7 | 32 | 6 | 0 | 0 | 0 | 0 | 1 | 1 | | 26 |
| 25 | 6 | 11 | 4 | 0 | 0 | 0 | 2 | 3 | 0 | | 13.5 |
| 26 | 8 | 28 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | | 23.5 |
| 27 | 3 | 11 | 5 | 0 | 1 | 0 | 1 | 1 | 0 | | 14.5 |
| 28 | 9 | 29 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 25 |
| 29 | 11 | 27 | 3 | 0 | 0 | 2 | 2 | 0 | 0 | | 34 |
| 30 | 9 | 37 | 4 | 0 | 0 | 0 | 0 | 0 | 1 | | 29.5 |

| | | | | | | | | | | | |
|-------|-----|------|-----|---|----|---|----|----|----|------|------|
| 31 | 5 | 11 | 3 | 0 | 0 | 0 | 0 | 0 | 2 | | 12 |
| 32 | 4 | 27 | 7 | 0 | 2 | 0 | 0 | 0 | 1 | | 28 |
| 33 | 7 | 40 | 3 | 0 | 0 | 0 | 1 | 1 | 0 | | 28.5 |
| 34 | 3 | 20 | 3 | 0 | 0 | 0 | 2 | 2 | 1 | | 14.5 |
| 35 | 3 | 11 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | | 17 |
| 36 | 3 | 41 | 5 | 0 | 2 | 0 | 0 | 0 | 0 | | 33 |
| 37 | 8 | 27 | 3 | 0 | 0 | 0 | 1 | 0 | 2 | | 23 |
| 38 | 3 | 11 | 5 | 0 | 0 | 0 | 0 | 0 | 1 | | 11 |
| 39 | 6 | 28 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 21.5 |
| 40 | 2 | 29 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 18.5 |
| 41 | 9 | 41 | 3 | 0 | 0 | 0 | 0 | 2 | 0 | | 31 |
| 42 | 8 | 11 | 9 | 0 | 0 | 0 | 1 | 0 | 1 | | 18 |
| 43 | 10 | 37 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | | 31 |
| 44 | 2 | 36 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | | 23.5 |
| 45 | 5 | 11 | 2 | 0 | 1 | 0 | 0 | 1 | 0 | | 15 |
| 46 | 2 | 30 | 3 | 0 | 0 | 0 | 0 | 1 | 1 | | 18.5 |
| 47 | 10 | 47 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | | 35.5 |
| 48 | 6 | 11 | 2 | 0 | 1 | 1 | 3 | 0 | 1 | | 20 |
| 49 | 8 | 25 | 5 | 0 | 0 | 0 | 2 | 1 | 0 | | 23 |
| 50 | 12 | 20 | 4 | 0 | 1 | 0 | 1 | 2 | 0 | | 27.5 |
| 51 | 5 | 27 | 2 | 0 | 1 | 0 | 0 | 1 | 0 | | 23 |
| 52 | 12 | 11 | 2 | 0 | 2 | 0 | 0 | 1 | 0 | | 25.5 |
| 53 | 10 | 37 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | | 31 |
| 54 | 7 | 24 | 6 | 0 | 0 | 0 | 0 | 1 | 0 | | 22 |
| 55 | 12 | 11 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | | 21.5 |
| 56 | 12 | 11 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 19.5 |
| 57 | 7 | 33 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | | 26 |
| 58 | 12 | 36 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | | 34.5 |
| 59 | 9 | 11 | 3 | 0 | 0 | 0 | 0 | 2 | 1 | | 16 |
| 60 | 11 | 34 | 3 | 0 | 0 | 0 | 1 | 1 | 2 | | 29.5 |
| TOTAL | 484 | 1563 | 255 | 0 | 18 | 3 | 28 | 33 | 25 | 2409 | 1468 |
| | | | | | | | | | | MAX | 39.5 |

MIDDEL PART - (TIME - 6:00 TO 7:00 PM)

(DATE - 26/01/2022)WEDNESDAY

| MIN | car/jeep/van | two wheeler | rickshaw | trucks | bus | tractor | cycle | pedestrain | other vehicle | | pcu/hr |
|-----|--------------|-------------|----------|--------|-----|---------|-------|------------|---------------|--|--------|
| 1 | 3 | 23 | 3 | 1 | 0 | 0 | 2 | 0 | 1 | | 20 |
| 2 | 5 | 25 | 6 | 0 | 1 | 0 | 0 | 1 | 0 | | 24 |
| 3 | 8 | 21 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | | 20.5 |
| 4 | 3 | 14 | 2 | 1 | 0 | 0 | 0 | 1 | 2 | | 15 |
| 5 | 3 | 15 | 7 | 0 | 0 | 1 | 0 | 1 | 1 | | 18 |
| 6 | 15 | 13 | 5 | 0 | 0 | 0 | 0 | 1 | 2 | | 24 |
| 7 | 3 | 11 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 10 |
| 8 | 4 | 23 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | | 19.5 |
| 9 | 6 | 25 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | | 21 |
| 10 | 3 | 26 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 18 |
| 11 | 5 | 24 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 18 |
| 12 | 6 | 23 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 19.5 |
| 13 | 1 | 27 | 5 | 0 | 1 | 0 | 1 | 0 | 0 | | 20.5 |
| 14 | 1 | 28 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | | 18 |
| 15 | 2 | 25 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | | 17 |
| 16 | 3 | 21 | 5 | 1 | 0 | 1 | 0 | 0 | 1 | | 24 |
| 17 | 4 | 23 | 3 | 0 | 0 | 0 | 0 | 1 | 2 | | 17 |
| 18 | 3 | 38 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 23.5 |
| 19 | 2 | 12 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 9 |
| 20 | 1 | 27 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 15.5 |
| 21 | 2 | 20 | 4 | 0 | 0 | 0 | 2 | 0 | 0 | | 14 |
| 22 | 5 | 24 | 5 | 0 | 0 | 0 | 2 | 0 | 0 | | 19.5 |
| 23 | 2 | 24 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | | 17.5 |
| 24 | 8 | 25 | 5 | 0 | 1 | 0 | 0 | 1 | 0 | | 26.5 |
| 25 | 4 | 26 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 19 |
| 26 | 5 | 21 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 17 |
| 27 | 3 | 30 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 20 |
| 28 | 3 | 25 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | | 19 |
| 29 | 2 | 26 | 6 | 0 | 0 | 0 | 0 | 0 | 2 | | 18 |
| 30 | 11 | 40 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 33 |

| | | | | | | | | | | | |
|-------|-----|------|-----|---|---|---|----|----|----|------|-------|
| 31 | 2 | 13 | 4 | 0 | 1 | 0 | 2 | 0 | 0 | | 14 |
| 32 | 6 | 20 | 7 | 0 | 0 | 0 | 1 | 0 | 1 | | 19.5 |
| 33 | 7 | 24 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | | 21.5 |
| 34 | 2 | 15 | 4 | 0 | 0 | 0 | 0 | 0 | 1 | | 11.5 |
| 35 | 2 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 8.5 |
| 36 | 10 | 11 | 7 | 0 | 0 | 0 | 0 | 1 | 0 | | 19 |
| 37 | 8 | 13 | 6 | 0 | 0 | 0 | 0 | 0 | 2 | | 17.5 |
| 38 | 7 | 11 | 4 | 0 | 1 | 0 | 0 | 1 | 0 | | 18 |
| 39 | 6 | 13 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 13.5 |
| 40 | 2 | 32 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | | 21 |
| 41 | 5 | 22 | 8 | 0 | 0 | 0 | 0 | 1 | 0 | | 20 |
| 42 | 2 | 32 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 19 |
| 43 | 3 | 11 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | | 9 |
| 44 | 3 | 25 | 6 | 0 | 0 | 0 | 0 | 1 | 0 | | 18.5 |
| 45 | 4 | 40 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | | 28.5 |
| 46 | 10 | 22 | 4 | 0 | 0 | 0 | 2 | 0 | 0 | | 23 |
| 47 | 2 | 16 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | | 13 |
| 48 | 3 | 39 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | | 25 |
| 49 | 2 | 29 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 18.5 |
| 50 | 7 | 23 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 20 |
| 51 | 11 | 21 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 22.5 |
| 52 | 8 | 17 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | 17 |
| 53 | 6 | 15 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | | 19 |
| 54 | 5 | 11 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | | 13.5 |
| 55 | 4 | 22 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | | 18.5 |
| 56 | 2 | 30 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | | 19.5 |
| 57 | 6 | 26 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | | 21 |
| 58 | 7 | 22 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 19.5 |
| 59 | 8 | 17 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | | 21 |
| 60 | 9 | 15 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 17.5 |
| TOTAL | 285 | 1323 | 264 | 3 | 7 | 2 | 13 | 12 | 15 | 1924 | 1123 |
| | | | | | | | | | | MAX | 18.72 |

MIDDEL PART(8:00 TO 9:00 AM)

(DATE - 27/01/2022)THURSDAY

| MIN | car/jeep/van | two wheeler | rickshaw | trucks | bus | tractor | cycle | pedestrain | other vehicle | | pcu/hr |
|-----|--------------|-------------|----------|--------|-----|---------|-------|------------|---------------|--|--------|
| 1 | 4 | 14 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | | 12.5 |
| 2 | 4 | 19 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | | 13.5 |
| 3 | 5 | 16 | 4 | 0 | 0 | 0 | 0 | 1 | 1 | | 15 |
| 4 | 3 | 21 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 15 |
| 5 | 1 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | 9 |
| 6 | 2 | 14 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 11 |
| 7 | 3 | 13 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 11 |
| 8 | 4 | 24 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 17 |
| 9 | 4 | 21 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | | 19 |
| 10 | 5 | 22 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | | 19 |
| 11 | 48 | 35 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 67.5 |
| 12 | 6 | 24 | 4 | 0 | 0 | 0 | 0 | 0 | 1 | | 20 |
| 13 | 2 | 21 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 13.5 |
| 14 | 4 | 24 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | | 21 |
| 15 | 2 | 21 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | | 15.5 |
| 16 | 8 | 22 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | | 21 |
| 17 | 6 | 20 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 17.5 |
| 18 | 3 | 16 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 12 |
| 19 | 6 | 15 | 6 | 0 | 0 | 0 | 0 | 0 | 1 | | 16.5 |
| 20 | 1 | 16 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | | 11 |
| 21 | 5 | 12 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | | 12.5 |
| 22 | 3 | 32 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | | 23.5 |
| 23 | 6 | 39 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 27.5 |
| 24 | 4 | 18 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 14.5 |
| 25 | 2 | 22 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | | 18 |
| 26 | 2 | 27 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 16.5 |
| 27 | 5 | 15 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 13.5 |
| 28 | 4 | 12 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 11 |
| 29 | 2 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 10 |
| 30 | 1 | 12 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 8 |

| | | | | | | | | | | | |
|-------|-----|------|-----|---|---|---|---|----|---|------|-------|
| 31 | 2 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | 10.5 |
| 32 | 4 | 29 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 19.5 |
| 33 | 3 | 30 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 19.5 |
| 34 | 2 | 13 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 9.5 |
| 35 | 4 | 19 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | | 14 |
| 36 | 3 | 15 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 11.5 |
| 37 | 5 | 14 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | | 14 |
| 38 | 3 | 22 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | | 18.5 |
| 39 | 2 | 13 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | | 9 |
| 40 | 5 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 11.5 |
| 41 | 2 | 17 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | | 16 |
| 42 | 2 | 16 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | | 14.5 |
| 43 | 2 | 22 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | 13.5 |
| 44 | 4 | 29 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 19.5 |
| 45 | 3 | 11 | 3 | 0 | 0 | 0 | 2 | 2 | 0 | | 10 |
| 46 | 2 | 16 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 11 |
| 47 | 3 | 29 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | | 22 |
| 48 | 6 | 17 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 15.5 |
| 49 | 5 | 14 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | | 17 |
| 50 | 3 | 19 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 13.5 |
| 51 | 2 | 17 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | 11 |
| 52 | 3 | 31 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | | 23 |
| 53 | 4 | 11 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 11.5 |
| 54 | 5 | 12 | 3 | 0 | 2 | 0 | 0 | 1 | 0 | | 19.5 |
| 55 | 5 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | | 13 |
| 56 | 4 | 17 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | | 14 |
| 57 | 3 | 11 | 2 | 0 | 0 | 1 | 0 | 1 | 0 | | 13.5 |
| 58 | 5 | 15 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 14 |
| 59 | 6 | 12 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | | 13 |
| 60 | 3 | 15 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | | 12.5 |
| TOTAL | 260 | 1123 | 155 | 3 | 7 | 3 | 9 | 10 | 8 | 1578 | 947.5 |
| | | | | | | | | | | MAX | 67.5 |

MIDDEL PART(6:00 TO 7:00 PM)

(DATE - 27/01/2022)THURSDAY

| MIN | car/jeep/van | two wheeler | rickshaw | truck | bus | tractor | cycle | pedestrian | other vehicle | | pcu/hr |
|-----|--------------|-------------|----------|-------|-----|---------|-------|------------|---------------|--|--------|
| 1 | 9 | 33 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 26.5 |
| 2 | 4 | 17 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | | 14.5 |
| 3 | 11 | 22 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 23 |
| 4 | 11 | 35 | 2 | 0 | 1 | 0 | 0 | 1 | 1 | | 33 |
| 5 | 4 | 19 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | | 15 |
| 6 | 5 | 30 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | 20.5 |
| 7 | 12 | 33 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | | 31 |
| 8 | 7 | 37 | 2 | 0 | 1 | 0 | 1 | 0 | 1 | | 30 |
| 9 | 6 | 25 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | | 19 |
| 10 | 10 | 11 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 17.5 |
| 11 | 11 | 24 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | | 28.5 |
| 12 | 7 | 12 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | | 19 |
| 13 | 11 | 42 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | | 34 |
| 14 | 3 | 37 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | | 25.5 |
| 15 | 3 | 39 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 24 |
| 16 | 7 | 39 | 2 | 0 | 2 | 0 | 0 | 3 | 0 | | 34.5 |
| 17 | 3 | 15 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | | 12 |
| 18 | 3 | 30 | 5 | 0 | 0 | 0 | 1 | 1 | 0 | | 20.5 |
| 19 | 6 | 12 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | | 13 |
| 20 | 9 | 36 | 4 | 0 | 0 | 0 | 0 | 0 | 1 | | 29 |
| 21 | 3 | 29 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | | 20.5 |
| 22 | 8 | 12 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | | 15 |
| 23 | 3 | 11 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | | 10 |
| 24 | 5 | 16 | 3 | 0 | 0 | 0 | 1 | 1 | 1 | | 14.5 |
| 25 | 3 | 12 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 11 |
| 26 | 9 | 11 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | | 19 |
| 27 | 8 | 29 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 24 |
| 28 | 7 | 12 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 14.5 |
| 29 | 5 | 27 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | | 19.5 |
| 30 | 8 | 29 | 3 | 0 | 0 | 1 | 1 | 0 | 0 | | 28 |

| | | | | | | | | | | | |
|-------|-----|------|-----|---|----|---|----|----|---|------|------|
| 31 | 6 | 28 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 21.5 |
| 32 | 4 | 12 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | | 12.5 |
| 33 | 3 | 11 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | | 11 |
| 34 | 4 | 27 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 19 |
| 35 | 5 | 12 | 4 | 0 | 1 | 0 | 1 | 1 | 0 | | 16.5 |
| 36 | 4 | 12 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 11.5 |
| 37 | 3 | 12 | 3 | 0 | 1 | 0 | 4 | 2 | 0 | | 14 |
| 38 | 8 | 45 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | | 35 |
| 39 | 9 | 11 | 3 | 0 | 0 | 0 | 2 | 1 | 0 | | 16 |
| 40 | 6 | 12 | 4 | 0 | 0 | 0 | 1 | 2 | 0 | | 14 |
| 41 | 7 | 22 | 3 | 0 | 0 | 0 | 1 | 0 | 1 | | 19.5 |
| 42 | 6 | 15 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | | 14.5 |
| 43 | 6 | 12 | 3 | 0 | 1 | 0 | 1 | 0 | 0 | | 17 |
| 44 | 4 | 21 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | | 16 |
| 45 | 6 | 18 | 8 | 0 | 1 | 0 | 1 | 0 | 0 | | 22.5 |
| 46 | 6 | 39 | 4 | 0 | 0 | 0 | 2 | 0 | 0 | | 27.5 |
| 47 | 3 | 12 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 10.5 |
| 48 | 2 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | 10 |
| 49 | 4 | 12 | 3 | 1 | 0 | 0 | 2 | 0 | 0 | | 15.5 |
| 50 | 7 | 17 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 17 |
| 51 | 4 | 12 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | | 11.5 |
| 52 | 7 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | 15.5 |
| 53 | 7 | 15 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | | 16 |
| 54 | 10 | 26 | 3 | 1 | 0 | 0 | 0 | 0 | 1 | | 28.5 |
| 55 | 9 | 18 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | | 20 |
| 56 | 5 | 12 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | | 12.5 |
| 57 | 5 | 12 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 12.5 |
| 58 | 4 | 10 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 11 |
| 59 | 10 | 17 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | 19 |
| 60 | 5 | 28 | 3 | 0 | 0 | 0 | 1 | 1 | 0 | | 20.5 |
| TOTAL | 370 | 1267 | 192 | 3 | 11 | 1 | 32 | 22 | 7 | 1905 | 957 |
| | | | | | | | | | | MAX | 35 |

MIDDEL PART(8:00 TO 9:00 AM)
(DATE - 27/01/2022)THURSDAY

| MIN | car/jeep/van | two wheeler | rickshaw | truck | bus | tractor | cycle | pedestrain | other vehicle | | pcu/hr |
|-----|--------------|-------------|----------|-------|-----|---------|-------|------------|---------------|--|--------|
| 1 | 4 | 21 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | | 17.5 |
| 2 | 4 | 18 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | | 14 |
| 3 | 2 | 24 | 4 | 0 | 0 | 0 | 2 | 0 | 0 | | 16 |
| 4 | 3 | 16 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 13 |
| 5 | 4 | 15 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | | 13 |
| 6 | 4 | 15 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 13.5 |
| 7 | 3 | 12 | 5 | 1 | 1 | 0 | 0 | 0 | 11 | | 19 |
| 8 | 7 | 11 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | | 15 |
| 9 | 6 | 16 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | | 14.5 |
| 10 | 4 | 15 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 13.5 |
| 11 | 4 | 13 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | | 16.5 |
| 12 | 2 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | | 10 |
| 13 | 3 | 38 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 23.5 |
| 14 | 4 | 11 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 11.5 |
| 15 | 3 | 15 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | | 13.5 |
| 16 | 2 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 8.5 |
| 17 | 3 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | | 13 |
| 18 | 4 | 11 | 4 | 0 | 1 | 0 | 0 | 0 | 1 | | 15 |
| 19 | 4 | 11 | 3 | 0 | 0 | 0 | 1 | 1 | 0 | | 11 |
| 20 | 2 | 21 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 13.5 |
| 21 | 5 | 15 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | | 15.5 |
| 22 | 2 | 15 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | | 10.5 |
| 23 | 3 | 13 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | | 16.5 |
| 24 | 4 | 28 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | | 19 |
| 25 | 3 | 22 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | | 16 |
| 26 | 2 | 32 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 19.5 |
| 27 | 2 | 14 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 10.5 |
| 28 | 3 | 39 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | | 25 |
| 29 | 4 | 13 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | | 11.5 |
| 30 | 3 | 16 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 12.5 |

| | | | | | | | | | | | |
|-------|-----|------|-----|---|---|---|----|----|----|------|------|
| 31 | 1 | 37 | 4 | 0 | 0 | 0 | 1 | 1 | 0 | | 21.5 |
| 32 | 2 | 17 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 12 |
| 33 | 3 | 32 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | | 21.5 |
| 34 | 3 | 15 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 11.5 |
| 35 | 5 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | | 13 |
| 36 | 2 | 40 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 23.5 |
| 37 | 3 | 37 | 4 | 0 | 0 | 0 | 0 | 2 | 0 | | 23.5 |
| 38 | 4 | 38 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | | 27 |
| 39 | 3 | 28 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | | 18.5 |
| 40 | 2 | 32 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | | 20 |
| 41 | 7 | 17 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 16.5 |
| 42 | 3 | 32 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | | 20 |
| 43 | 4 | 26 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 18.5 |
| 44 | 8 | 23 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 20.5 |
| 45 | 6 | 22 | 4 | 1 | 0 | 0 | 1 | 0 | 0 | | 23 |
| 46 | 4 | 30 | 6 | 0 | 0 | 0 | 0 | 2 | 0 | | 22 |
| 47 | 9 | 25 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | | 22.5 |
| 48 | 2 | 26 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 17 |
| 49 | 2 | 31 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 18.5 |
| 50 | 7 | 23 | 5 | 0 | 0 | 0 | 2 | 0 | 0 | | 21 |
| 51 | 4 | 24 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | | 19 |
| 52 | 7 | 25 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | | 20 |
| 53 | 3 | 36 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | | 22.5 |
| 54 | 4 | 22 | 5 | 0 | 0 | 0 | 0 | 2 | 0 | | 17.5 |
| 55 | 2 | 31 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 19.5 |
| 56 | 2 | 37 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | | 23.5 |
| 57 | 5 | 22 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 17.5 |
| 58 | 3 | 20 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | | 15.5 |
| 59 | 4 | 15 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | | 16 |
| 60 | 3 | 11 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | | 10 |
| TOTAL | 220 | 1319 | 209 | 1 | 4 | 2 | 16 | 16 | 15 | 1698 | 1014 |
| | | | | | | | | | | MAX | 27 |

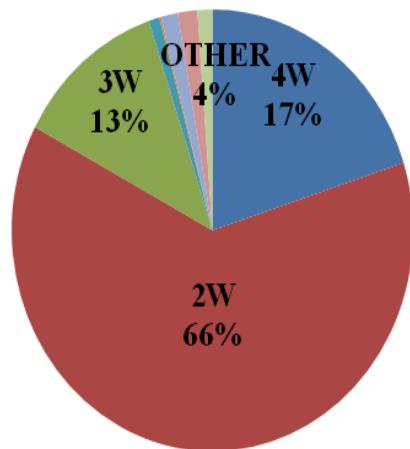
MIDDEL PART(6:00 TO 7:00 PM)

(DATE - 27/01/2022)THURSDAY

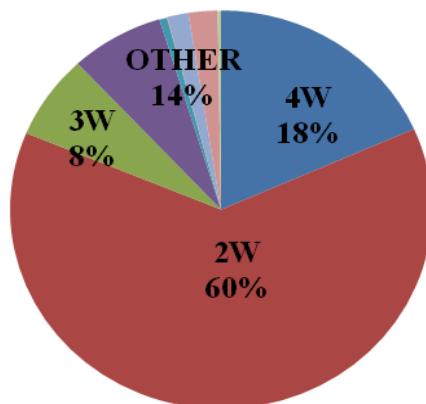
| MIN | car/jeep/van | two wheeler | rickshaw | truck | bus | tractor | cycle | pedestrain | other vehicle | | pcu/hr |
|-----|--------------|-------------|----------|-------|-----|---------|-------|------------|---------------|--|--------|
| 1 | 7 | 27 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | | 23 |
| 2 | 7 | 29 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | | 22.5 |
| 3 | 6 | 26 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 20.5 |
| 4 | 2 | 20 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 14 |
| 5 | 4 | 27 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | | 20 |
| 6 | 5 | 21 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | | 19.5 |
| 7 | 5 | 24 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | | 19.5 |
| 8 | 2 | 23 | 6 | 0 | 0 | 0 | 0 | 3 | 0 | | 16.5 |
| 9 | 6 | 25 | 5 | 0 | 0 | 0 | 1 | 3 | 0 | | 21 |
| 10 | 7 | 23 | 2 | 0 | 1 | 0 | 0 | 0 | 1 | | 23 |
| 11 | 2 | 21 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 14 |
| 12 | 9 | 11 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 16.5 |
| 13 | 2 | 21 | 5 | 0 | 0 | 0 | 0 | 0 | 1 | | 15 |
| 14 | 8 | 11 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | | 16.5 |
| 15 | 8 | 13 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 16.5 |
| 16 | 2 | 12 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | | 9 |
| 17 | 6 | 15 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 15 |
| 18 | 6 | 11 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | | 14 |
| 19 | 3 | 14 | 8 | 0 | 0 | 0 | 0 | 1 | 0 | | 14 |
| 20 | 2 | 21 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | | 16 |
| 21 | 4 | 21 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 15.5 |
| 22 | 8 | 23 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 21 |
| 23 | 5 | 26 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | | 20.5 |
| 24 | 6 | 25 | 7 | 0 | 1 | 0 | 0 | 0 | 0 | | 25.5 |
| 25 | 2 | 11 | 4 | 0 | 0 | 0 | 0 | 5 | 1 | | 9.5 |
| 26 | 2 | 17 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | | 15.5 |
| 27 | 7 | 25 | 4 | 0 | 0 | 0 | 1 | 3 | 0 | | 21.5 |
| 28 | 7 | 10 | 5 | 0 | 0 | 0 | 1 | 2 | 0 | | 14.5 |
| 29 | 2 | 13 | 7 | 0 | 0 | 0 | 0 | 0 | 1 | | 12 |
| 30 | 6 | 18 | 6 | 0 | 0 | 1 | 0 | 1 | 0 | | 22 |

| | | | | | | | | | | |
|-------|-----|------|-----|---|---|---|----|----|---|--------|
| 31 | 7 | 17 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 16.5 |
| 32 | 2 | 17 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 11.5 |
| 33 | 4 | 16 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 34 | 4 | 15 | 3 | 0 | 0 | 0 | 0 | 2 | 0 | 13 |
| 35 | 2 | 17 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 14.5 |
| 36 | 7 | 13 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | 16 |
| 37 | 7 | 14 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 15.5 |
| 38 | 2 | 21 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 14.5 |
| 39 | 3 | 17 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 17.5 |
| 40 | 2 | 11 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 10.5 |
| 41 | 2 | 16 | 8 | 0 | 0 | 0 | 0 | 2 | 0 | 14 |
| 42 | 2 | 14 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 11 |
| 43 | 1 | 16 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 10.5 |
| 44 | 2 | 11 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 45 | 3 | 12 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 12.5 |
| 46 | 2 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 47 | 2 | 21 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 13.5 |
| 48 | 1 | 25 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 49 | 4 | 11 | 6 | 0 | 0 | 0 | 0 | 2 | 0 | 12.5 |
| 50 | 2 | 16 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 18 |
| 51 | 2 | 12 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 52 | 2 | 11 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 9 |
| 53 | 3 | 15 | 6 | 0 | 0 | 0 | 2 | 0 | 0 | 13.5 |
| 54 | 2 | 2 | 8 | 0 | 0 | 1 | 2 | 0 | 0 | 5 |
| 55 | 2 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 56 | 6 | 23 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 27 |
| 57 | 2 | 24 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 58 | 3 | 45 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| 59 | 2 | 24 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 15.5 |
| 60 | 6 | 23 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| TOTAL | 239 | 1091 | 271 | 3 | 4 | 2 | 16 | 26 | 6 | 1658 |
| | | | | | | | | | | MAX 29 |

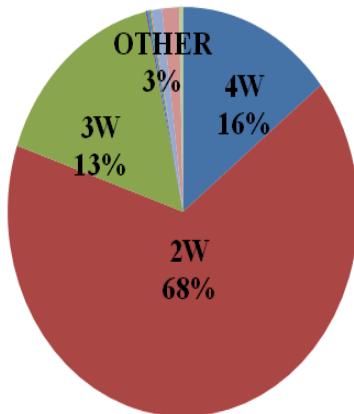
MIDDLE PART(26/1/2022) (8 TO 9 AM)



MIDDLE PART(26/1/2022) (6 TO 7 PM)



MIDDLE PART(27/1/2022) (8 TO 9 AM)



MIDDLE PART(27/1/2022) (6 TO 7 PM)

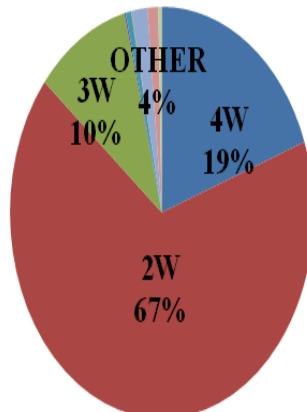


Fig. 4.2 middle part volume pie charts

(2W- two wheeler, 3W - three wheeler, 4W- four wheeler, and other vehicles)

4.4 SPOT SPEED STUDY

MIDDEL PART - (TIME - 8:00 TO 9:00 AM)

(DATE - 26/01/2022)WEDNESDAY

| MIN | car/jeep/van kmph | two wheeler kmph | rickshaw kmph | truck kmph | bus kmph | tractor kmph | cycle kmph | pedestrain kmph | other vehicle kmph |
|-----|----------------------|---------------------|------------------|---------------|-------------|-----------------|---------------|--------------------|-----------------------|
| 1 | 20.38 | 14.32 | 21.91 | 0 | 0 | 0 | 20.112 | 4.22 | 0 |
| 2 | 19.53 | 18.06 | 21.9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 38.57 | 24.88 | 23.48 | 0 | 29.43 | 0 | 12.646 | 4.72 | 22.04 |
| 4 | 12.46 | 20.11 | 23.68 | 0 | 0 | 0 | 0 | 0 | 20.3 |
| 5 | 23.48 | 19.89 | 12.3 | 0 | 0 | 0 | 0 | 3.52 | 0 |
| 6 | 43.2 | 16.02 | 18.75 | 0 | 0 | 0 | 14.324 | 0 | 0 |
| 7 | 19.01 | 28.72 | 24.27 | 0 | 0 | 0 | 0 | 3.74 | 0 |
| 8 | 25.65 | 23.23 | 30.34 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 19.82 | 22.18 | 37.63 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 21.69 | 18.75 | 18.31 | 0 | 0 | 0 | 0 | 4.38 | 0 |
| 11 | 27.76 | 15.93 | 25 | 0 | 21.34 | 0 | 0 | 0 | 24.66 |
| 12 | 21.69 | 33.23 | 28.57 | 0 | 0 | 0 | 0 | 0 | 25 |
| 13 | 42.19 | 25.41 | 29.35 | 0 | 0 | 0 | 17.97 | 0 | 0 |
| 14 | 36.24 | 30.25 | 33.44 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 30.51 | 23.68 | 24.66 | 0 | 0 | 0 | 18.336 | 0 | 0 |
| 16 | 23.13 | 22.69 | 20.3 | 0 | 0 | 0 | 0 | 5.5 | 18.4 |
| 17 | 25.41 | 30.17 | 25.47 | 0 | 0 | 0 | 0 | 5.79 | 0 |
| 18 | 30.34 | 18.4 | 30.17 | 0 | 0 | 0 | 18.06 | 0 | 0 |
| 19 | 30.34 | 24.77 | 29.59 | 0 | 0 | 0 | 17.851 | 0 | 0 |
| 20 | 30.34 | 29.35 | 25.65 | 0 | 0 | 0 | 0 | 0 | 22.69 |
| 21 | 25.47 | 22.59 | 24.6 | 0 | 21.69 | 0 | 18.212 | 0 | 29.43 |
| 22 | 30.25 | 30.34 | 20.3 | 0 | 0 | 0 | 0 | 0 | 22.83 |
| 23 | 42.19 | 22.59 | 23.13 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 29.43 | 28.57 | 19.74 | 0 | 0 | 0 | 0 | 5.51 | 23.13 |
| 25 | 30.59 | 22.09 | 24.6 | 0 | 0 | 0 | 19.048 | 5.72 | 0 |
| 26 | 30.34 | 31.21 | 22.18 | 0 | 0 | 0 | 18.336 | 0 | 0 |
| 27 | 23.68 | 27.91 | 20.04 | 0 | 20.15 | 0 | 17.97 | 5.41 | 0 |
| 28 | 30.25 | 23.08 | 37.24 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 23.08 | 22.59 | 19.53 | 0 | 0 | 22.59 | 18.305 | 0 | 0 |
| 30 | 22.59 | 23.08 | 20.3 | 0 | 0 | 0 | 0 | 0 | 27.69 |

| | | | | | | | | | |
|-------|---------|---------|--------|---|-------|-------|--------|-------|--------|
| 31 | 27.14 | 30.17 | 18.34 | 0 | 0 | 0 | 0 | 0 | 36.24 |
| 32 | 22.55 | 23.08 | 24.66 | 0 | 23.23 | 0 | 0 | 0 | 23.13 |
| 33 | 29.27 | 27.98 | 33.44 | 0 | 0 | 0 | 15.929 | 5.72 | 0 |
| 34 | 22.69 | 25.41 | 22.69 | 0 | 0 | 0 | 18.06 | 5.49 | 22.69 |
| 35 | 30.68 | 30.34 | 25 | 0 | 22.59 | 0 | 0 | 0 | 0 |
| 36 | 22.55 | 23.68 | 28.57 | 0 | 21.34 | 0 | 0 | 0 | 0 |
| 37 | 25.41 | 30.25 | 19.82 | 0 | 0 | 0 | 18.685 | 0 | 25 |
| 38 | 33.64 | 29.43 | 20.22 | 0 | 0 | 0 | 0 | 0 | 25.65 |
| 39 | 39.13 | 23.68 | 24.71 | 0 | 0 | 0 | 0 | 0 | 0 |
| 40 | 38.85 | 28.57 | 20.3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41 | 27.14 | 23.84 | 20.15 | 0 | 0 | 0 | 0 | 5.78 | 0 |
| 42 | 37.24 | 30.25 | 19.82 | 0 | 0 | 0 | 18.336 | 0 | 29.43 |
| 43 | 64.29 | 23.13 | 16.46 | 0 | 0 | 0 | 0 | 5.46 | 0 |
| 44 | 39.13 | 27.14 | 19.42 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | 69.23 | 18.65 | 16.19 | 0 | 21.77 | 0 | 0 | 0 | 0 |
| 46 | 44.44 | 22.69 | 21.69 | 0 | 0 | 0 | 0 | 0 | 18.4 |
| 47 | 28.72 | 30.17 | 16.19 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48 | 33.23 | 29.27 | 19.49 | 0 | 25.12 | 24 | 19.048 | 0 | 23.23 |
| 49 | 42.02 | 22.69 | 16.41 | 0 | 0 | 0 | 18.399 | 5.48 | 0 |
| 50 | 30.34 | 23.13 | 25 | 0 | 20.69 | 0 | 19.817 | 0 | 0 |
| 51 | 30.51 | 23.63 | 18.75 | 0 | 25.17 | 0 | 0 | 0 | 0 |
| 52 | 40.45 | 25.35 | 16.17 | 0 | 21.05 | 0 | 0 | 0 | 0 |
| 53 | 29.83 | 23.08 | 33.13 | 0 | 0 | 0 | 0 | 0 | 0 |
| 54 | 27.91 | 29.35 | 22.04 | 0 | 0 | 0 | 0 | 5.49 | 0 |
| 55 | 36 | 23.28 | 19.05 | 0 | 23.03 | 0 | 0 | 5.81 | 0 |
| 56 | 42.19 | 29.27 | 29.59 | 0 | 0 | 0 | 0 | 0 | 0 |
| 57 | 29.19 | 26.09 | 24.6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 58 | 42.52 | 34.18 | 19.89 | 0 | 23.58 | 0 | 0 | 0 | 0 |
| 59 | 37.24 | 23.13 | 19.49 | 0 | 0 | 0 | 0 | 5.52 | 28.8 |
| 60 | 42.19 | 28.72 | 20.3 | 0 | 0 | 0 | 18.305 | 5.89 | 24.88 |
| total | 1895.31 | 1503.71 | 1344.2 | 0 | 320.2 | 46.59 | 357.75 | 99.13 | 493.61 |

MIDDEL PART - (TIME - 6:00 TO 7:00 PM)

(DATE - 26/01/2022)WEDNESDAY

| Min | Car/jeep/van Kmph | Two wheeler Kmph | Rickshaw Kmph | Truck Kmph | Bus Kmph | Tractor Kmph | Cycle Kmph | Pedestrain Kmph | Other vehicle Kmph |
|-----|----------------------|---------------------|------------------|---------------|-------------|-----------------|---------------|--------------------|-----------------------|
| 1 | 28.72 | 39.87 | 38.65 | 0 | 0 | 0 | 0 | 10.14 | 0 |
| 2 | 30.86 | 33.44 | 23.78 | 0 | 0 | 0 | 0 | 12.62 | 0 |
| 3 | 43.9 | 31.3 | 23.13 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 38.85 | 24.88 | 23.13 | 0 | 22.09 | 0 | 0 | 10.82 | 21.69 |
| 5 | 34.95 | 33.13 | 30.34 | 0 | 22.59 | 0 | 19.01 | 12.34 | 0 |
| 6 | 38.85 | 23.23 | 18.75 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 27.76 | 27.76 | 23.23 | 0 | 0 | 0 | 0 | 29.35 | 0 |
| 8 | 40.75 | 37.24 | 42.52 | 0 | 21.47 | 0 | 18.06 | 0 | 22.09 |
| 9 | 42.19 | 25.35 | 25.41 | 0 | 0 | 0 | 19.12 | 0 | 0 |
| 10 | 22.83 | 30.17 | 23.13 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 44.08 | 23.08 | 19.01 | 0 | 21.14 | 0 | 0 | 11.07 | 0 |
| 12 | 37.37 | 33.23 | 23.23 | 0 | 20.3 | 0 | 0 | 0 | 0 |
| 13 | 42.02 | 23.08 | 22.55 | 0 | 0 | 0 | 18.75 | 0 | 0 |
| 14 | 29.35 | 29.59 | 28.5 | 0 | 0 | 0 | 19.71 | 0 | 0 |
| 15 | 33.64 | 30.17 | 25.96 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 40.45 | 23.08 | 30.34 | 0 | 23.53 | 0 | 0 | 10.12 | 0 |
| 17 | 28.72 | 23.68 | 29.43 | 0 | 0 | 0 | 18.4 | 0 | 0 |
| 18 | 42.19 | 30.17 | 25.47 | 0 | 0 | 0 | 19.15 | 10.82 | 0 |
| 19 | 43.72 | 23.08 | 23.13 | 0 | 0 | 0 | 0 | 12.07 | 0 |
| 20 | 27.14 | 24.16 | 30.34 | 0 | 0 | 0 | 0 | 0 | 22.69 |
| 21 | 42.86 | 29.43 | 23.13 | 0 | 0 | 0 | 19.89 | 12.34 | 0 |
| 22 | 22.59 | 23.23 | 30.34 | 0 | 0 | 0 | 0 | 11.03 | 24.77 |
| 23 | 25.65 | 25.35 | 22.69 | 0 | 22.09 | 0 | 19.49 | 12.57 | 0 |
| 24 | 19.42 | 30.34 | 29.59 | 0 | 0 | 0 | 19.01 | 12.13 | 28.5 |
| 25 | 27.91 | 25 | 22.69 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 42.02 | 23.18 | 28.8 | 0 | 20.61 | 0 | 0 | 10.21 | 0 |
| 27 | 25.35 | 30.17 | 22.09 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 42.19 | 23.03 | 29.59 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 29.43 | 30.34 | 23.84 | 0 | 0 | 0 | 18.75 | 11.07 | 0 |
| 30 | 42.19 | 23.03 | 30.08 | 0 | 0 | 23.13 | 17.79 | 0 | 0 |

| | | | | | | | | | |
|-------|---------|---------|---------|---|--------|-------|--------|--------|--------|
| 31 | 30.34 | 23.08 | 23.23 | 0 | 21.26 | 0 | 18.06 | 11.29 | 0 |
| 32 | 34.29 | 30.34 | 28.72 | 0 | 0 | 0 | 18.88 | 12.37 | 0 |
| 33 | 29.43 | 21.69 | 29.35 | 0 | 0 | 0 | 18.75 | 12.43 | 0 |
| 34 | 33.33 | 29.35 | 25 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | 22.18 | 23.68 | 30.34 | 0 | 21.34 | 0 | 18.34 | 11.15 | 0 |
| 36 | 25.35 | 29.43 | 23.79 | 0 | 0 | 0 | 0 | 12.07 | 0 |
| 37 | 25.35 | 25.29 | 28.57 | 0 | 21.73 | 0 | 19.89 | 11.38 | 0 |
| 38 | 29.43 | 33.23 | 29.59 | 0 | 0 | 0 | 0 | 12.15 | 0 |
| 39 | 37.24 | 33.33 | 27.91 | 0 | 0 | 0 | 19.01 | 12.36 | 0 |
| 40 | 29.35 | 25.41 | 23.79 | 0 | 0 | 0 | 19.71 | 11.15 | 0 |
| 41 | 33.23 | 30.51 | 33.44 | 0 | 0 | 0 | 18.09 | 0 | 22.69 |
| 42 | 33.23 | 29.27 | 23.13 | 0 | 0 | 0 | 20.15 | 12.57 | 0 |
| 43 | 42.19 | 23.23 | 32.34 | 0 | 22.04 | 0 | 18.75 | 0 | 0 |
| 44 | 31.3 | 29.35 | 25.35 | 0 | 0 | 0 | 20.19 | 0 | 0 |
| 45 | 30.25 | 23.03 | 33.23 | 0 | 20.61 | 0 | 19.08 | 0 | 0 |
| 46 | 33.33 | 30.08 | 23.13 | 0 | 0 | 0 | 18.37 | 11.37 | 0 |
| 47 | 23.58 | 22.69 | 31.3 | 0 | 0 | 0 | 17.85 | 0 | 0 |
| 48 | 41.86 | 22.55 | 23.13 | 0 | 0 | 0 | 0 | 12.72 | 0 |
| 49 | 42.19 | 27.14 | 32.53 | 0 | 0 | 0 | 18.4 | 0 | 0 |
| 50 | 37.37 | 22.59 | 23.68 | 0 | 0 | 0 | 18.75 | 0 | 0 |
| 51 | 42.52 | 23.08 | 29.59 | 0 | 0 | 0 | 18.75 | 0 | 0 |
| 52 | 34.73 | 28.57 | 22.69 | 0 | 21.43 | 0 | 20.11 | 0 | 0 |
| 53 | 23.63 | 29.59 | 28.57 | 0 | 0 | 0 | 19.78 | 12.78 | 0 |
| 54 | 39.13 | 31.12 | 21.69 | 0 | 0 | 0 | 18.75 | 0 | 20.3 |
| 55 | 30.34 | 23.13 | 23.68 | 0 | 0 | 0 | 18.34 | 0 | 0 |
| 56 | 42.02 | 23.23 | 29.43 | 0 | 0 | 0 | 19.05 | 11.15 | 0 |
| 57 | 27.14 | 19.82 | 23.13 | 0 | 0 | 0 | 0 | 10.94 | 0 |
| 58 | 30.51 | 38.71 | 30.34 | 0 | 0 | 0 | 0 | 0 | 0 |
| 59 | 42.19 | 33.44 | 22.69 | 0 | 0 | 0 | 0 | 11.15 | 0 |
| 60 | 29.59 | 19.89 | 30.17 | 0 | 22.09 | 0 | 18.06 | 10.91 | 0 |
| total | 2024.58 | 1638.58 | 1582.55 | 0 | 324.31 | 23.13 | 662.24 | 388.62 | 162.72 |

MIDDEL PART (8:00 TO 9:00 AM)
(DATE - 26/01/2022)WEDNESDAY

| Min | car/jeep/van kmph | two wheeler kmph | rickshaw kmph | trucks kmph | bus kmph | tractor kmph | cycle kmph | pedestrian kmph | other vehicle kmph |
|-----|----------------------|---------------------|------------------|----------------|-------------|-----------------|---------------|--------------------|-----------------------|
| 1 | 30.42 | 29.59 | 29.59 | 18.62 | 0 | 0 | 20.69 | 0 | 29.43 |
| 2 | 19.42 | 27.07 | 29.51 | 0 | 18.62 | 0 | 0 | 6.36 | 0 |
| 3 | 34.62 | 23.48 | 21.95 | 0 | 0 | 0 | 0 | 6.04 | 0 |
| 4 | 17.31 | 25.53 | 23.23 | 25.71 | 0 | 0 | 0 | 6.4 | 22.59 |
| 5 | 18.69 | 20.22 | 25.23 | 0 | 0 | 22.04 | 0 | 6 | 18.4 |
| 6 | 25.35 | 30.34 | 19.05 | 0 | 0 | 0 | 0 | 6.36 | 27.91 |
| 7 | 21.09 | 22.69 | 32.53 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 26.15 | 19.89 | 36.12 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 25.84 | 30.34 | 37.37 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 27.14 | 27.69 | 31.3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 20.53 | 28.57 | 20.65 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 49.32 | 22.04 | 25.29 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 25.84 | 25.53 | 27.69 | 0 | 25.71 | 0 | 26.87 | 0 | 0 |
| 14 | 17.56 | 33.33 | 42.19 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 24.27 | 19.89 | 25.59 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 21.14 | 22.69 | 29.59 | 22.18 | 0 | 23.48 | 0 | 0 | 20.38 |
| 17 | 17.53 | 19.89 | 38.99 | 0 | 0 | 0 | 0 | 6.27 | 22.04 |
| 18 | 33.96 | 29.43 | 22.18 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 38.85 | 36.12 | 18.37 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 25.35 | 20.22 | 45.96 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 19.05 | 25 | 23.89 | 0 | 0 | 0 | 19.78 | 0 | 0 |
| 22 | 25.9 | 28.65 | 23.13 | 0 | 0 | 0 | 17.73 | 0 | 0 |
| 23 | 50 | 24.66 | 28.57 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 20.89 | 19.67 | 37.24 | 0 | 21.18 | 0 | 0 | 6.38 | 0 |
| 25 | 28.72 | 30.34 | 28.57 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 26.47 | 29.03 | 20.49 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 34.29 | 19.74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 20.61 | 29.59 | 28.95 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 42.19 | 18.75 | 25.53 | 0 | 0 | 0 | 0 | 0 | 23.13 |
| 30 | 27.84 | 29.59 | 18.31 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | |
|-------|---------|---------|---------|-------|--------|-------|--------|-------|--------|
| 31 | 21.05 | 37.24 | 19.89 | 0 | 18.31 | 0 | 15.65 | 0 | 0 |
| 32 | 30.42 | 29.43 | 18.37 | 0 | 0 | 0 | 23.13 | 0 | 20.3 |
| 33 | 22.59 | 20.3 | 22.69 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 | 19.89 | 29.51 | 32.24 | 0 | 0 | 0 | 0 | 0 | 23.13 |
| 35 | 26.02 | 23.68 | 25.17 | 0 | 0 | 0 | 0 | 0 | 0 |
| 36 | 20.61 | 20.22 | 22.59 | 0 | 0 | 0 | 0 | 6.36 | 0 |
| 37 | 21.05 | 34.73 | 18.88 | 0 | 0 | 0 | 0 | 0 | 18.75 |
| 38 | 26.02 | 29.43 | 25.59 | 0 | 26.34 | 0 | 0 | 6.23 | 0 |
| 39 | 20.69 | 24.71 | 21.64 | 0 | 0 | 0 | 0 | 0 | 0 |
| 40 | 30.42 | 25 | 28.27 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41 | 20.19 | 20.11 | 20.3 | 0 | 0 | 0 | 0 | 6.23 | 0 |
| 42 | 34.39 | 33.23 | 20.3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 43 | 20.57 | 24.77 | 21.64 | 0 | 0 | 0 | 0 | 6.34 | 0 |
| 44 | 23.68 | 37.5 | 27.55 | 0 | 0 | 0 | 0 | 6.42 | 0 |
| 45 | 19.85 | 22.45 | 39.13 | 0 | 0 | 0 | 0 | 0 | 0 |
| 46 | 23.13 | 29.43 | 21.9 | 0 | 0 | 0 | 15.65 | 0 | 0 |
| 47 | 18.37 | 22.69 | 25.53 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48 | 21.64 | 23.68 | 19.89 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49 | 17.34 | 20.19 | 28.65 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50 | 20.26 | 29.43 | 20.65 | 0 | 0 | 0 | 0 | 0 | 0 |
| 51 | 23.74 | 21.01 | 21.69 | 0 | 0 | 0 | 0 | 0 | 0 |
| 52 | 20.73 | 22.41 | 25.23 | 0 | 0 | 0 | 0 | 0 | 0 |
| 53 | 29.43 | 23.23 | 25.59 | 0 | 22.98 | 0 | 0 | 0 | 0 |
| 54 | 27.91 | 29.43 | 20.77 | 0 | 0 | 0 | 0 | 0 | 0 |
| 55 | 25.53 | 21.95 | 28.27 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | 18.37 | 24.88 | 20.53 | 0 | 0 | 0 | 0 | 0 | 0 |
| 57 | 36.36 | 27.14 | 28.27 | 0 | 0 | 0 | 18.18 | 0 | 0 |
| 58 | 21.77 | 24.71 | 29.83 | 0 | 0 | 0 | 0 | 0 | 0 |
| 59 | 25.17 | 30.51 | 18.06 | 0 | 19.64 | 0 | 0 | 0 | 0 |
| 60 | 30 | 24.77 | 25.53 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 1533.54 | 1857.35 | 1519.84 | 66.51 | 152.77 | 45.52 | 157.68 | 75.39 | 226.05 |

**MIDDEL PART (6:00 TO 7:00 PM)
(DATE - 26/01/2022)WEDNESDAY**

| Min | Car/jeep/van Kmph | Two wheeler Kmph | Rickshaw Kmph | Trucks Kmph | Bus Kmph | Tractor Kmph | Cycle Kmph | Pedestrain Kmph | Other vehicle Kmph |
|-----|----------------------|---------------------|------------------|----------------|-------------|-----------------|---------------|--------------------|-----------------------|
| 1 | 18.69 | 19.82 | 25.53 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 20.53 | 25.59 | 20.65 | 0 | 0 | 0 | 16.19 | 0 | 0 |
| 3 | 31.4 | 20.53 | 24.38 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 20.93 | 39.85 | 20.22 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 30.34 | 20.53 | 41.22 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 23.68 | 21.64 | 22.18 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 28.57 | 40.75 | 18.88 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 46.15 | 30.51 | 27.55 | 0 | 0 | 0 | 0 | 6.65 | 0 |
| 9 | 24.27 | 25.41 | 25.53 | 0 | 0 | 0 | 20.04 | 6.23 | 0 |
| 10 | 20.15 | 33.96 | 27.41 | 0 | 19.82 | 0 | 0 | 6.4 | 18.62 |
| 11 | 18.06 | 38.16 | 20.42 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 23.28 | 18.88 | 28.57 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 21.56 | 32.93 | 42.69 | 0 | 0 | 0 | 0 | 0 | 23.23 |
| 14 | 20.26 | 25.29 | 22.04 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 29.35 | 20.89 | 20.45 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 37.11 | 22.59 | 38.3 | 0 | 0 | 0 | 14.08 | 0 | 28.57 |
| 17 | 24.77 | 49.77 | 21.91 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 28.27 | 27.69 | 18.88 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 37.5 | 18.88 | 27.14 | 0 | 0 | 0 | 0 | 6.27 | 0 |
| 20 | 20.69 | 47.37 | 25.29 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 20.57 | 25.29 | 28.72 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 22.59 | 25.35 | 22.88 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 19.82 | 33.54 | 28.27 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 25.35 | 20.42 | 18.72 | 0 | 17.7 | 0 | 0 | 0 | 0 |
| 25 | 21.56 | 19.82 | 23.74 | 0 | 0 | 0 | 0 | 6.15 | 19.82 |
| 26 | 22.45 | 18.06 | 46.35 | 18.31 | 0 | 0 | 18.34 | 0 | 0 |
| 27 | 42.19 | 25.35 | 20.49 | 0 | 0 | 0 | 17.06 | 6.35 | 0 |
| 28 | 27.14 | 38.3 | 48 | 0 | 0 | 0 | 20.97 | 6.73 | 0 |
| 29 | 28.65 | 22.04 | 20.65 | 0 | 0 | 0 | 0 | 0 | 23.13 |
| 30 | 20.22 | 28.27 | 20.65 | 0 | 0 | 22.5 | 0 | 6.23 | 0 |

| | | | | | | | | | |
|-------|---------|---------|--------|-------|-------|-------|--------|-------|--------|
| 31 | 20.77 | 20.42 | 20.42 | 0 | 0 | 0 | 0 | 6.03 | 0 |
| 32 | 28.57 | 32.93 | 36.24 | 0 | 0 | 0 | 0 | 0 | 25 |
| 33 | 22.41 | 48.21 | 25.59 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 | 38.3 | 29.59 | 20.65 | 0 | 0 | 0 | 0 | 6.71 | 0 |
| 35 | 18.24 | 25.23 | 45.19 | 0 | 0 | 0 | 0 | 0 | 0 |
| 36 | 22.13 | 20.69 | 40.45 | 0 | 0 | 0 | 0 | 6.39 | 0 |
| 37 | 29.03 | 25.53 | 25.23 | 0 | 0 | 0 | 0 | 0 | 0 |
| 38 | 20.65 | 21.95 | 20.65 | 0 | 0 | 0 | 0 | 0 | 0 |
| 39 | 23.68 | 20.42 | 18.56 | 0 | 18.31 | 0 | 0 | 0 | 0 |
| 40 | 22.69 | 31.3 | 25.53 | 0 | 0 | 0 | 18.34 | 0 | 0 |
| 41 | 23.89 | 25.17 | 37.24 | 0 | 0 | 0 | 0 | 6.4 | 0 |
| 42 | 33.54 | 20.42 | 21.67 | 0 | 0 | 0 | 18.37 | 0 | 0 |
| 43 | 20.26 | 18.69 | 22.41 | 0 | 0 | 0 | 17.34 | 0 | 0 |
| 44 | 23.23 | 29.43 | 27.69 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | 21.69 | 25.59 | 28.27 | 0 | 0 | 0 | 0 | 0 | 0 |
| 46 | 27.84 | 25.17 | 37.37 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47 | 37.5 | 19.05 | 37.37 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48 | 19.25 | 42.19 | 37.63 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49 | 31.3 | 31.86 | 37.24 | 0 | 0 | 0 | 0 | 6.57 | 0 |
| 50 | 20.26 | 22.13 | 38.85 | 22.98 | 0 | 0 | 0 | 0 | 0 |
| 51 | 18.69 | 18.27 | 25.53 | 0 | 0 | 0 | 0 | 0 | 0 |
| 52 | 27.84 | 25.59 | 23.89 | 0 | 0 | 0 | 20.04 | 0 | 0 |
| 53 | 23.43 | 25 | 36.12 | 0 | 0 | 0 | 18.4 | 0 | 0 |
| 54 | 30.42 | 44.08 | 38.85 | 0 | 0 | 18.31 | 17.34 | 0 | 0 |
| 55 | 25 | 22.18 | 27.69 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | 26.28 | 30.68 | 20.07 | 19.29 | 23.48 | 0 | 0 | 0 | 0 |
| 57 | 18.34 | 46.55 | 20.42 | 0 | 0 | 0 | 0 | 0 | 0 |
| 58 | 32.53 | 23.38 | 38.99 | 0 | 0 | 0 | 0 | 0 | 0 |
| 59 | 22.59 | 46.15 | 32.93 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60 | 29.11 | 23.13 | 20.65 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 1511.66 | 1678.49 | 551.98 | 60.57 | 79.3 | 40.81 | 216.49 | 83.11 | 138.36 |

MIDDEL PART(8:00 TO 9:00 AM)
(DATE - 27/01/2022)THURSDAY

| MIN | car/jeep/van kmph | two wheeler kmph | rickshaw kmph | trucks kmph | bus kmph | tractor kmph | cycle kmph | pedestrain kmph | other vehicle kmph |
|-----|----------------------|---------------------|------------------|----------------|-------------|-----------------|---------------|--------------------|-----------------------|
| 1 | 38.65 | 21.88 | 27.63 | 0 | 0 | 0 | 0 | 11.37 | 0 |
| 2 | 27 | 29.5 | 23.9 | 0 | 0 | 0 | 30.34 | 0 | 0 |
| 3 | 21.08 | 19.29 | 28.54 | 0 | 0 | 0 | 0 | 11.03 | 23.68 |
| 4 | 18.58 | 26.25 | 21.43 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 42.64 | 23.73 | 25.89 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 28.71 | 16.51 | 18.35 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 32.82 | 29.5 | 20.79 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 23.2 | 24.29 | 31.84 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 18.93 | 16.89 | 17.25 | 24.77 | 0 | 0 | 0 | 12.13 | 0 |
| 10 | 25.34 | 26.92 | 22.91 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 23.2 | 23.43 | 44.95 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 18.85 | 18.5 | 19.8 | 0 | 0 | 0 | 0 | 0 | 29.43 |
| 13 | 37.05 | 27.63 | 21.33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 28.71 | 21.43 | 28.54 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 22.97 | 18.31 | 20.38 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 18.54 | 23.43 | 20.89 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 21.28 | 32.93 | 18.42 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 23.2 | 21.88 | 26.77 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 20.79 | 18.31 | 20.89 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 28.2 | 29.5 | 18.85 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 19.34 | 19.13 | 25.96 | 0 | 0 | 0 | 0 | 0 | 19.74 |
| 22 | 31.64 | 28.45 | 18.5 | 0 | 0 | 0 | 19.64 | 0 | 0 |
| 23 | 17.25 | 22.86 | 19.89 | 0 | 0 | 1 | 0 | 0 | 0 |
| 24 | 21.28 | 16.6 | 20.89 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 31.33 | 27.63 | 18.09 | 30.34 | 0 | 0 | 0 | 0 | 0 |
| 26 | 20.79 | 22.86 | 25.34 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 18.46 | 18.46 | 18.02 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 28.45 | 34.32 | 30.73 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 22.97 | 21.68 | 18.24 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 17.91 | 28.37 | 21.78 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | |
|-------|---------|--------|---------|-------|-------|-------|-------|--------|--------|
| 31 | 23.14 | 18.73 | 28.45 | 0 | 0 | 0 | 0 | 0 | 0 |
| 32 | 18.42 | 22.91 | 21.83 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33 | 27.55 | 20.38 | 18.02 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 | 22.86 | 16.23 | 31.64 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | 18.39 | 22.91 | 21.33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 36 | 29.78 | 20.79 | 22.97 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37 | 21.78 | 18.35 | 20.47 | 0 | 0 | 0 | 0 | 12.78 | 0 |
| 38 | 17.35 | 34.32 | 37.05 | 0 | 29.43 | 0 | 0 | 0 | 0 |
| 39 | 32.82 | 21.23 | 16.6 | 0 | 0 | 0 | 0 | 10.94 | 0 |
| 40 | 27.79 | 18.42 | 18.5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41 | 18.46 | 20.79 | 20.89 | 0 | 0 | 0 | 0 | 0 | 0 |
| 42 | 22.86 | 18.35 | 25.34 | 0 | 24.83 | 0 | 0 | 0 | 0 |
| 43 | 22.91 | 19.89 | 23.03 | 0 | 0 | 0 | 0 | 0 | 0 |
| 44 | 19.34 | 18.65 | 17.35 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | 22.8 | 22.86 | 40.39 | 0 | 0 | 0 | 0 | 12.13 | 0 |
| 46 | 18.81 | 31.33 | 19.89 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47 | 29.87 | 20.79 | 18.09 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48 | 35.44 | 17.94 | 21.88 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49 | 20.89 | 25.96 | 18.05 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50 | 18.5 | 18.5 | 22.91 | 0 | 0 | 0 | 0 | 0 | 0 |
| 51 | 25.96 | 21.33 | 28.54 | 0 | 0 | 0 | 0 | 0 | 0 |
| 52 | 23.03 | 16.54 | 22.97 | 0 | 0 | 0 | 0 | 0 | 0 |
| 53 | 27.55 | 34.44 | 18.81 | 0 | 0 | 0 | 0 | 0 | 0 |
| 54 | 34.44 | 16.89 | 28.54 | 0 | 19.05 | 0 | 0 | 14.29 | 0 |
| 55 | 23.73 | 20.38 | 16.95 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | 27 | 18.02 | 21.78 | 0 | 0 | 0 | 0 | 0 | 0 |
| 57 | 17.98 | 31.64 | 28.54 | 0 | 0 | 29.59 | 0 | 15.47 | 0 |
| 58 | 26.92 | 26.92 | 17.15 | 0 | 0 | 0 | 0 | 0 | 0 |
| 59 | 21.88 | 21.88 | 22.91 | 0 | 0 | 0 | 0 | 0 | 30.34 |
| 60 | 28.54 | 23.73 | 27.79 | 0 | 0 | 0 | 33.64 | 0 | 0 |
| TOTAL | 1475.94 | 1371.6 | 1371.52 | 55.11 | 73.3 | 30.59 | 83.62 | 100.15 | 103.19 |

MIDDEL PART(6:00 TO 7:00 PM)

(DATE - 27/01/2022)THURSDAY

| Min | Car/jeep/van Kmph | Two wheeler Kmph | Rickshaw Kmph | Trucks Kmph | Bus Kmph | Tractor Kmph | Cycle Kmph | Pedestrain Kmph | Other vehicle Kmph |
|-----|----------------------|---------------------|------------------|----------------|-------------|-----------------|---------------|--------------------|-----------------------|
| 1 | 40.45 | 23.68 | 29.43 | 0 | 0 | 0 | 0 | 11.37 | 0 |
| 2 | 28.8 | 31.3 | 23.9 | 0 | 0 | 0 | 30.34 | 0 | 0 |
| 3 | 22.88 | 21.09 | 30.34 | 0 | 0 | 0 | 0 | 11.03 | 23.68 |
| 4 | 20.38 | 28.05 | 23.23 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 44.44 | 25.53 | 27.69 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 30.51 | 18.31 | 20.15 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 34.62 | 31.3 | 22.59 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 25 | 26.09 | 33.64 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 20.73 | 18.69 | 19.05 | 24.77 | 0 | 0 | 0 | 12.13 | 0 |
| 10 | 27.14 | 28.72 | 24.71 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 25 | 25.23 | 46.75 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 20.65 | 20.3 | 21.6 | 0 | 0 | 0 | 0 | 0 | 29.43 |
| 13 | 38.85 | 29.43 | 23.13 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 30.51 | 23.23 | 30.34 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 24.77 | 20.11 | 22.18 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 20.34 | 25.23 | 22.69 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 23.08 | 34.73 | 20.22 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 25 | 23.68 | 28.57 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 22.59 | 20.11 | 22.69 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 30 | 31.3 | 20.65 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 21.14 | 20.93 | 27.76 | 0 | 0 | 0 | 0 | 0 | 19.74 |
| 22 | 33.44 | 30.25 | 20.3 | 0 | 0 | 0 | 19.64 | 0 | 0 |
| 23 | 19.05 | 24.66 | 21.69 | 0 | 0 | 1 | 0 | 0 | 0 |
| 24 | 23.08 | 18.4 | 22.69 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 33.13 | 29.43 | 19.89 | 30.34 | 0 | 0 | 0 | 0 | 0 |
| 26 | 22.59 | 24.66 | 27.14 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 20.26 | 20.26 | 19.82 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 30.25 | 36.12 | 32.53 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 24.77 | 23.48 | 20.04 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 19.71 | 30.17 | 23.58 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | |
|-------|---------|--------|---------|-------|--------|-------|--------|--------|--------|
| 31 | 24.94 | 20.53 | 30.25 | 0 | 0 | 0 | 0 | 0 | 0 |
| 32 | 20.22 | 24.71 | 23.63 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33 | 29.35 | 22.18 | 19.82 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 | 24.66 | 18.03 | 33.44 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | 20.19 | 24.71 | 23.13 | 0 | 0 | 0 | 0 | 0 | 23.13 |
| 36 | 31.58 | 22.59 | 24.77 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37 | 23.58 | 20.15 | 22.27 | 0 | 0 | 0 | 0 | 12.78 | 0 |
| 38 | 19.15 | 36.12 | 38.85 | 0 | 29.43 | 0 | 0 | 0 | 0 |
| 39 | 34.62 | 23.03 | 18.4 | 0 | 0 | 0 | 0 | 10.94 | 0 |
| 40 | 29.59 | 20.22 | 20.3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41 | 20.26 | 22.59 | 22.69 | 22.69 | 0 | 0 | 0 | 0 | 0 |
| 42 | 24.66 | 20.15 | 27.14 | 0 | 24.83 | 0 | 30.25 | 0 | 0 |
| 43 | 24.71 | 21.69 | 24.83 | 0 | 0 | 0 | 0 | 0 | 0 |
| 44 | 21.14 | 20.45 | 19.15 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | 24.6 | 24.66 | 42.19 | 0 | 0 | 0 | 22.59 | 12.13 | 0 |
| 46 | 20.61 | 33.13 | 21.69 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47 | 31.67 | 22.59 | 19.89 | 0 | 31.3 | 0 | 0 | 0 | 0 |
| 48 | 37.24 | 19.74 | 23.68 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49 | 22.69 | 27.76 | 19.85 | 0 | 23.23 | 0 | 0 | 0 | 0 |
| 50 | 20.3 | 20.3 | 24.71 | 0 | 0 | 0 | 0 | 0 | 0 |
| 51 | 27.76 | 23.13 | 30.34 | 0 | 0 | 0 | 0 | 0 | 0 |
| 52 | 24.83 | 18.34 | 24.77 | 0 | 0 | 23.13 | 0 | 0 | 0 |
| 53 | 29.35 | 36.24 | 20.61 | 0 | 0 | 0 | 0 | 0 | 0 |
| 54 | 36.24 | 18.69 | 30.34 | 0 | 19.05 | 0 | 0 | 14.29 | 0 |
| 55 | 25.53 | 22.18 | 18.75 | 0 | 0 | 0 | 0 | 0 | 24.71 |
| 56 | 28.8 | 19.82 | 23.58 | 0 | 0 | 0 | 20.22 | 0 | 0 |
| 57 | 19.78 | 33.44 | 30.34 | 0 | 0 | 29.59 | 0 | 15.47 | 0 |
| 58 | 28.72 | 28.72 | 18.95 | 0 | 0 | 0 | 0 | 0 | 0 |
| 59 | 23.68 | 23.68 | 24.71 | 0 | 0 | 0 | 0 | 0 | 30.34 |
| 60 | 30.34 | 25.53 | 29.59 | 0 | 0 | 0 | 33.64 | 0 | 0 |
| TOTAL | 1583.94 | 1479.6 | 1477.72 | 77.8 | 127.83 | 53.72 | 156.69 | 100.15 | 151.03 |

MIDDEL PART(8:00 TO 9:00 AM)

(DATE - 27/01/2022)THURSDAY

| MIN | car/jeep/van kmph | two wheeler kmph | rikshaw kmph | truck kmph | bus kmph | tractor kmph | cycle kmph | pedestrain kmph | other vehicle kmph |
|-----|----------------------|---------------------|-----------------|---------------|-------------|-----------------|---------------|--------------------|-----------------------|
| 1 | 36.61 | 27.63 | 29.5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 26.6 | 23.2 | 22.91 | 0 | 0 | 0 | 0 | 0 | 19.89 |
| 3 | 22.41 | 16.95 | 18.31 | 0 | 0 | 0 | 23.68 | 0 | 0 |
| 4 | 35.29 | 21.88 | 20.38 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 24.11 | 26.77 | 23.49 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 20.53 | 20.38 | 18.27 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 38.99 | 18.93 | 21.28 | 0 | 24.83 | 0 | 0 | 0 | 0 |
| 8 | 22.18 | 27.63 | 38.2 | 0 | 0 | 0 | 0 | 12.13 | 0 |
| 9 | 29.11 | 34.44 | 21.43 | 0 | 0 | 0 | 18.34 | 0 | 0 |
| 10 | 35.88 | 20.38 | 26.11 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 25.23 | 21.33 | 18.69 | 0 | 0 | 19.82 | 0 | 0 | 0 |
| 12 | 22.13 | 28.54 | 29.5 | 0 | 0 | 0 | 0 | 0 | 24.83 |
| 13 | 26.02 | 20.89 | 18.42 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 39.13 | 16.89 | 25.96 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 20.45 | 28.71 | 18.93 | 0 | 0 | 0 | 15.72 | 0 | 0 |
| 16 | 38.99 | 20.89 | 28.62 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 27.84 | 18.93 | 23.2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 22.18 | 20.79 | 16.95 | 0 | 19.89 | 0 | 0 | 0 | 23.13 |
| 19 | 31.76 | 18.31 | 27.63 | 0 | 0 | 0 | 18.69 | 18.69 | 0 |
| 20 | 29.92 | 29.5 | 23.03 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 22.83 | 17.98 | 18.42 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 25.35 | 22.91 | 27.79 | 0 | 0 | 0 | 0 | 13.67 | 0 |
| 23 | 39.13 | 18.09 | 20.79 | 0 | 0 | 24.77 | 0 | 0 | 0 |
| 24 | 20.45 | 20.29 | 18.5 | 0 | 0 | 0 | 0 | 12.07 | 0 |
| 25 | 27.91 | 27.79 | 20.79 | 0 | 0 | 0 | 16.67 | 0 | 0 |
| 26 | 39.27 | 21.94 | 20.79 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 25.35 | 18.65 | 27.63 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 35.53 | 23.49 | 21.33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 22.88 | 27.55 | 20.89 | 0 | 0 | 0 | 0 | 13.53 | 0 |
| 30 | 25.35 | 19.13 | 26.77 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | |
|-------|---------|---------|---------|-------|-------|-------|--------|--------|--------|
| 31 | 39.13 | 20.75 | 18.73 | 0 | 0 | 0 | 18.4 | 12.46 | 0 |
| 32 | 27.98 | 21.88 | 27.79 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33 | 29.11 | 18.35 | 18.09 | 0 | 0 | 0 | 0 | 13.67 | 0 |
| 34 | 27.84 | 26.92 | 20.29 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | 34.29 | 23.49 | 18.69 | 0 | 0 | 0 | 0 | 0 | 33.13 |
| 36 | 27 | 16.54 | 20.89 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37 | 22.18 | 23.08 | 27.79 | 0 | 0 | 0 | 0 | 0 | 0 |
| 38 | 33.13 | 28.54 | 21.78 | 0 | 27.69 | 0 | 0 | 14.08 | 0 |
| 39 | 28.65 | 18.31 | 16.54 | 0 | 0 | 0 | 0 | 0 | 0 |
| 40 | 26.73 | 34.32 | 28.54 | 0 | 0 | 0 | 16.44 | 0 | 0 |
| 41 | 34.29 | 28.71 | 35.44 | 0 | 0 | 0 | 0 | 0 | 0 |
| 42 | 35.29 | 18.09 | 27.63 | 0 | 0 | 0 | 15.65 | 16.46 | 0 |
| 43 | 22.69 | 20.38 | 16.89 | 0 | 0 | 0 | 0 | 0 | 0 |
| 44 | 31.86 | 31.33 | 25.89 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | 34.29 | 21.88 | 22.91 | 29.43 | 0 | 0 | 15.47 | 0 | 0 |
| 46 | 28.2 | 18.89 | 18.73 | 0 | 0 | 0 | 0 | 18.34 | 0 |
| 47 | 22.18 | 20.79 | 27.63 | 0 | 0 | 0 | 16.19 | 0 | 0 |
| 48 | 29.11 | 27.79 | 27.63 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49 | 41.38 | 16.51 | 18.05 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50 | 25.84 | 35.44 | 22.86 | 0 | 0 | 0 | 18.69 | 0 | 0 |
| 51 | 24.11 | 20.89 | 26.11 | 0 | 0 | 0 | 0 | 0 | 0 |
| 52 | 34.07 | 16.95 | 17.91 | 0 | 0 | 0 | 14.94 | 0 | 0 |
| 53 | 22.41 | 21.43 | 27.47 | 0 | 0 | 0 | 16.46 | 0 | 0 |
| 54 | 26.02 | 26.92 | 20.38 | 0 | 0 | 0 | 0 | 14.12 | 0 |
| 55 | 32.05 | 16.54 | 18.93 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | 25.35 | 20.89 | 21.43 | 0 | 0 | 0 | 0 | 0 | 0 |
| 57 | 22.31 | 27.79 | 26.11 | 0 | 0 | 0 | 0 | 0 | 0 |
| 58 | 26.02 | 23.2 | 18.85 | 0 | 0 | 0 | 0 | 0 | 0 |
| 59 | 33.13 | 16.51 | 27.55 | 0 | 24.83 | 0 | 0 | 0 | 0 |
| 60 | 21.64 | 18.05 | 21.88 | 0 | 0 | 0 | 0 | 12.3 | 0 |
| TOTAL | 1727.68 | 1361.93 | 1383.92 | 29.43 | 97.24 | 44.59 | 225.33 | 171.52 | 100.97 |

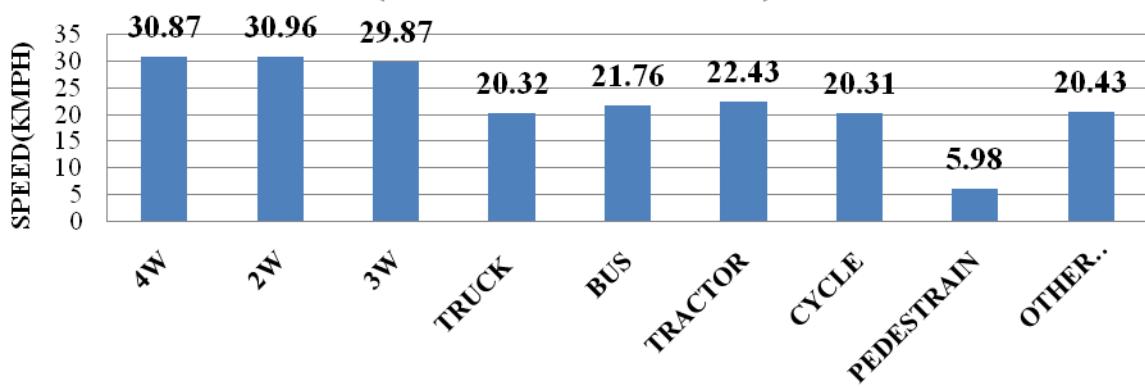
MIDDEL PART(6:00 TO 7:00 PM)

(DATE - 27/01/2022)THURSDAY

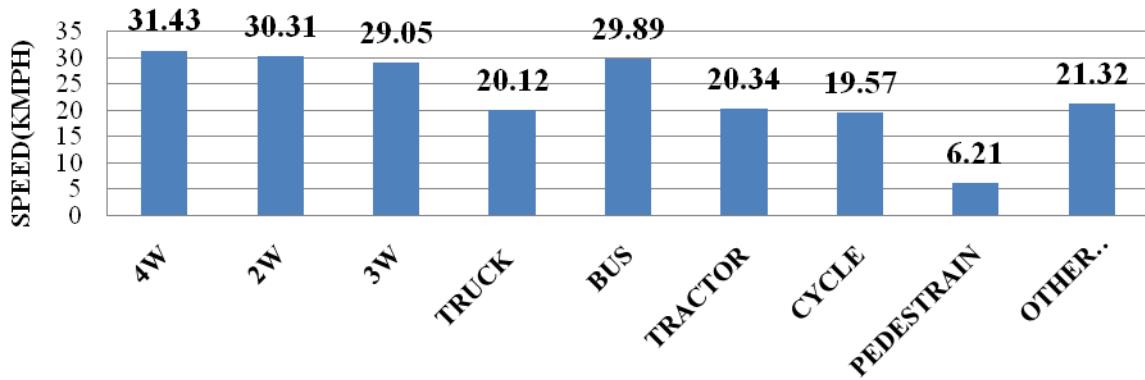
| Min | Car/jeep/van Kmph | Two wheeler Kmph | Rickshaw Kmph | Truck Kmph | Bus Kmph | Tractor Kmph | Cycle Kmph | Pedestrain Kmph | Other vehicle Kmph |
|-----|----------------------|---------------------|------------------|---------------|-------------|-----------------|---------------|--------------------|-----------------------|
| 1 | 31.3 | 29.43 | 31.3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 23.68 | 25 | 24.71 | 0 | 0 | 0 | 0 | 0 | 19.89 |
| 3 | 20.3 | 18.75 | 20.11 | 0 | 0 | 0 | 23.68 | 0 | 0 |
| 4 | 30.34 | 23.68 | 22.18 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 21.69 | 28.57 | 25.29 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 18.75 | 22.18 | 20.07 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 33.03 | 20.73 | 23.08 | 0 | 24.83 | 0 | 0 | 0 | 0 |
| 8 | 20.11 | 29.43 | 40 | 0 | 0 | 0 | 0 | 12.13 | 0 |
| 9 | 25.65 | 36.24 | 23.23 | 0 | 0 | 0 | 18.34 | 0 | 0 |
| 10 | 30.77 | 22.18 | 27.91 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 22.59 | 23.13 | 20.49 | 0 | 0 | 19.82 | 0 | 0 | 0 |
| 12 | 20.07 | 30.34 | 31.3 | 0 | 0 | 0 | 0 | 0 | 24.83 |
| 13 | 23.23 | 22.69 | 20.22 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 33.13 | 18.69 | 27.76 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 18.69 | 30.51 | 20.73 | 0 | 0 | 0 | 15.72 | 0 | 0 |
| 16 | 33.03 | 22.69 | 30.42 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 24.66 | 20.73 | 25 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 20.11 | 22.59 | 18.75 | 0 | 19.89 | 0 | 0 | 0 | 23.13 |
| 19 | 27.69 | 20.11 | 29.43 | 0 | 0 | 0 | 18.69 | 18.69 | 0 |
| 20 | 26.28 | 31.3 | 24.83 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 20.65 | 19.78 | 20.22 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 22.69 | 24.71 | 29.59 | 0 | 0 | 0 | 0 | 13.67 | 0 |
| 23 | 33.13 | 19.89 | 22.59 | 0 | 0 | 24.77 | 0 | 0 | 0 |
| 24 | 18.69 | 22.09 | 20.3 | 0 | 0 | 0 | 0 | 12.07 | 0 |
| 25 | 24.71 | 29.59 | 22.59 | 0 | 0 | 0 | 16.67 | 0 | 0 |
| 26 | 33.23 | 23.74 | 22.59 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 22.69 | 20.45 | 29.43 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 30.51 | 25.29 | 23.13 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 20.69 | 29.35 | 22.69 | 0 | 0 | 0 | 0 | 13.53 | 0 |
| 30 | 22.69 | 20.93 | 28.57 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | |
|-------|---------|---------|---------|-------|-------|-------|--------|--------|--------|
| 31 | 33.13 | 22.55 | 20.53 | 0 | 0 | 0 | 18.4 | 12.46 | 0 |
| 32 | 24.77 | 23.68 | 29.59 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33 | 25.65 | 20.15 | 19.89 | 0 | 0 | 0 | 0 | 13.67 | 0 |
| 34 | 24.66 | 28.72 | 22.09 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | 29.59 | 25.29 | 20.49 | 0 | 0 | 0 | 0 | 0 | 33.13 |
| 36 | 24 | 18.34 | 22.69 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37 | 20.11 | 24.88 | 29.59 | 0 | 0 | 0 | 0 | 0 | 0 |
| 38 | 28.72 | 30.34 | 23.58 | 0 | 27.69 | 0 | 0 | 14.08 | 0 |
| 39 | 25.29 | 20.11 | 18.34 | 0 | 0 | 0 | 0 | 0 | 0 |
| 40 | 23.79 | 36.12 | 30.34 | 0 | 0 | 0 | 16.44 | 0 | 0 |
| 41 | 29.59 | 30.51 | 37.24 | 0 | 0 | 0 | 0 | 0 | 0 |
| 42 | 30.34 | 19.89 | 29.43 | 0 | 0 | 0 | 15.65 | 16.46 | 0 |
| 43 | 20.53 | 22.18 | 18.69 | 0 | 0 | 0 | 0 | 0 | 0 |
| 44 | 27.76 | 33.13 | 27.69 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | 29.59 | 23.68 | 24.71 | 29.43 | 0 | 0 | 15.47 | 0 | 0 |
| 46 | 24.94 | 20.69 | 20.53 | 0 | 0 | 0 | 0 | 18.34 | 0 |
| 47 | 20.11 | 22.59 | 29.43 | 0 | 0 | 0 | 16.19 | 0 | 0 |
| 48 | 25.65 | 29.59 | 29.43 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49 | 34.73 | 18.31 | 19.85 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50 | 23.08 | 37.24 | 24.66 | 0 | 0 | 0 | 18.69 | 0 | 0 |
| 51 | 21.69 | 22.69 | 27.91 | 0 | 0 | 0 | 0 | 0 | 0 |
| 52 | 29.43 | 18.75 | 19.71 | 0 | 0 | 0 | 14.94 | 0 | 0 |
| 53 | 20.3 | 23.23 | 29.27 | 0 | 0 | 0 | 16.46 | 0 | 0 |
| 54 | 23.23 | 28.72 | 22.18 | 0 | 0 | 0 | 0 | 14.12 | 0 |
| 55 | 27.91 | 18.34 | 20.73 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | 22.69 | 22.69 | 23.23 | 0 | 0 | 0 | 0 | 0 | 0 |
| 57 | 20.22 | 29.59 | 27.91 | 0 | 0 | 0 | 0 | 0 | 0 |
| 58 | 23.23 | 25 | 20.65 | 0 | 0 | 0 | 0 | 0 | 0 |
| 59 | 28.72 | 18.31 | 29.35 | 0 | 24.83 | 0 | 0 | 0 | 0 |
| 60 | 19.67 | 19.85 | 23.68 | 0 | 0 | 0 | 0 | 12.3 | 0 |
| TOTAL | 1517.89 | 1469.93 | 1491.92 | 29.43 | 97.24 | 44.59 | 225.33 | 171.52 | 100.97 |

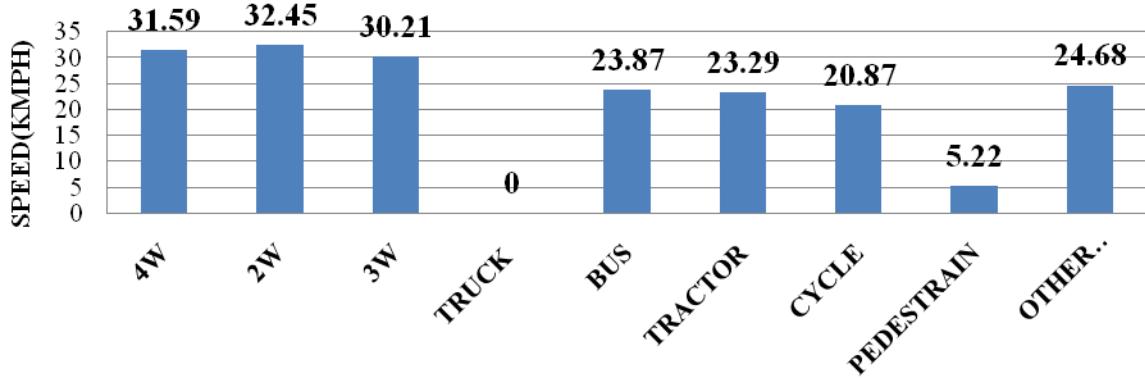
MIDDEL PART(26/01/2022) (8:00 TO 9:00 AM)



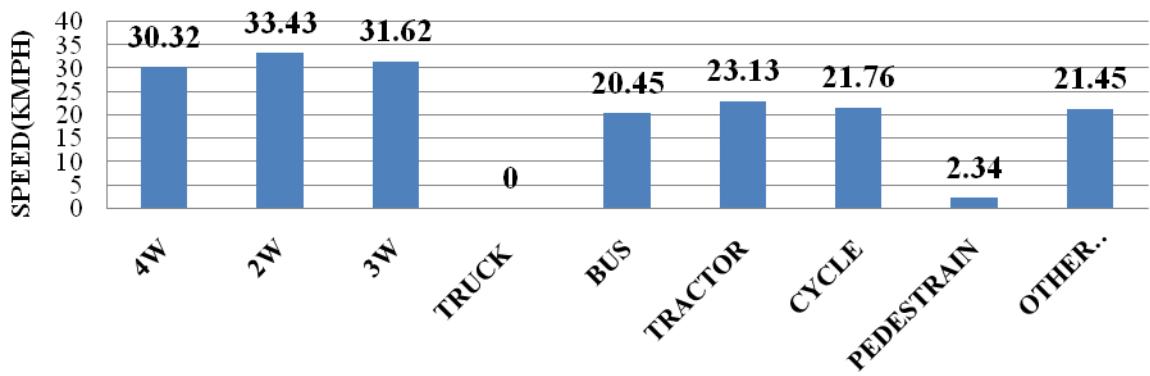
MIDDEL PART(26/01/2022) (8:00 TO 9:00 AM)



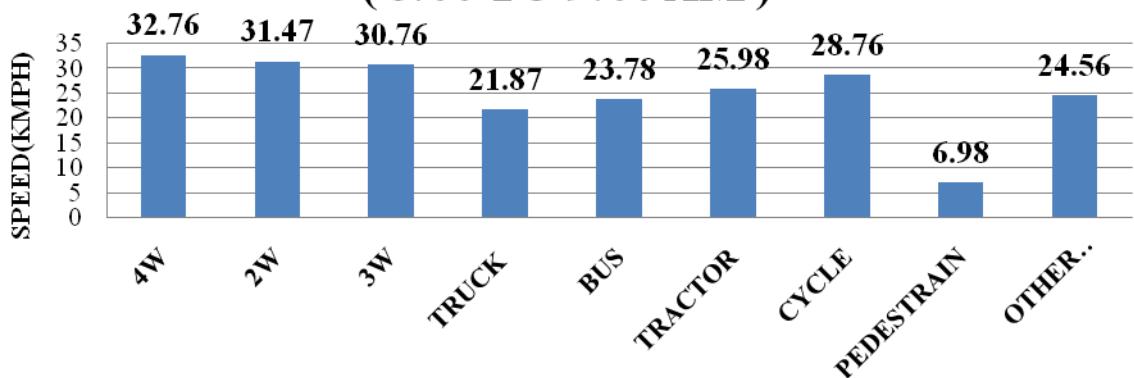
MIDDEL PART(26/01/2022) (6:00 TO 7:00 PM)



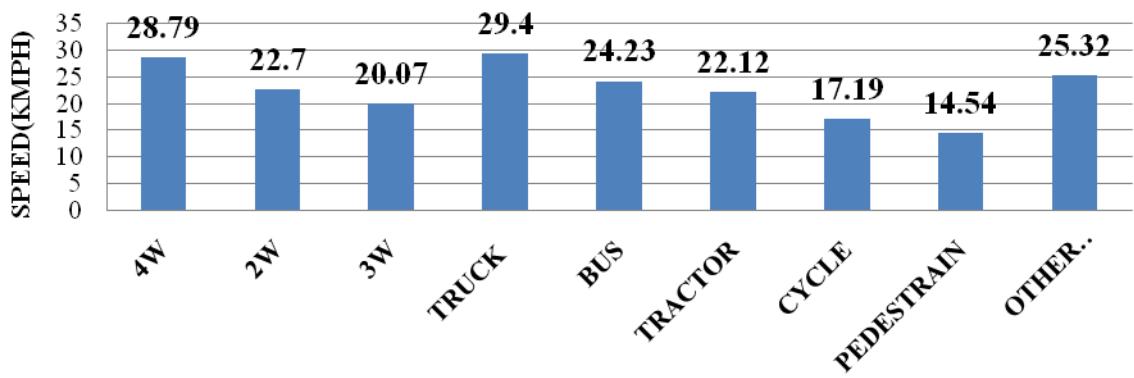
MIDDEL PART(26/01/2022) (6:00 TO 7:00 PM)



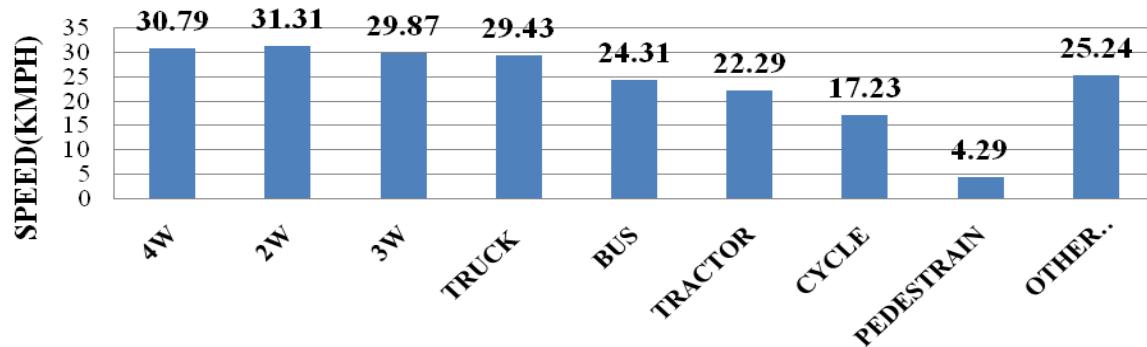
MIDDEL PART(27/01/2022) (8:00 TO 9:00 AM)



MIDDEL PART(27/01/2022) (8:00 TO 9:00 AM)



MIDDLE PART(27/01/2022) (6:00 TO 7:00 PM)



MIDDLE PART(27/01/2022) (6:00 TO 7:00 PM)

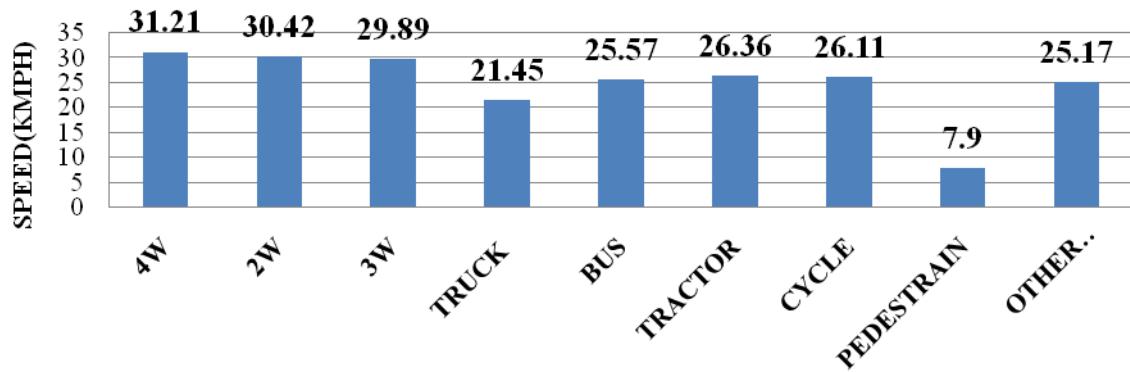


Fig 4.3 middle part spot speed study pie chart

(2W- two wheeler, 3W - three wheeler, 4W- four wheeler)

4.5 VEHICLE HEADWAY

MIDDEL PART - (TIME - 8:00 TO 9:00 AM)

(DATE - 26/01/2022)WEDNESDAY

| Min | Car/jeep/van | Two wheeler | Rikshaw |
|-----|---------------------|--------------------|----------------|
| | m/s | m/s | m/s |
| 1 | 8.2 | 4.17 | 6.57 |
| 2 | 8.51 | 3.99 | 6.83 |
| 3 | 6.62 | 5.34 | 5.23 |
| 4 | 21.31 | 1.48 | 15.98 |
| 5 | 10.77 | 3.07 | 8.65 |
| 6 | 10.91 | 3.03 | 8.75 |
| 7 | 5.78 | 6.28 | 4.49 |
| 8 | 8 | 4.29 | 6.4 |
| 9 | 8.72 | 3.89 | 7 |
| 10 | 11.36 | 2.89 | 9.11 |
| 11 | 6.48 | 5.48 | 5.1 |
| 12 | 18.07 | 1.76 | 13.91 |
| 13 | 9.74 | 3.43 | 7.83 |
| 14 | 18.06 | 1.76 | 13.9 |
| 15 | 11.36 | 2.89 | 9.11 |
| 16 | 5.73 | 6.34 | 4.45 |
| 17 | 18.38 | 1.73 | 14.11 |
| 18 | 10.91 | 3.03 | 8.75 |
| 19 | 8.7 | 3.9 | 6.98 |
| 20 | 10.91 | 3.03 | 8.75 |
| 21 | 9.53 | 3.52 | 7.66 |
| 22 | 6.17 | 5.8 | 4.84 |
| 23 | 10.83 | 3.05 | 8.69 |
| 24 | 6.01 | 5.99 | 4.7 |
| 25 | 8.67 | 3.91 | 6.96 |
| 26 | 12.88 | 2.53 | 10.25 |
| 27 | 11.36 | 2.89 | 9.11 |
| 28 | 6.37 | 5.59 | 5.01 |
| 29 | 6.15 | 5.83 | 4.82 |
| 30 | 7.77 | 4.43 | 6.21 |

| | | | |
|-------|--------|--------|--------|
| 31 | 5.82 | 6.22 | 4.53 |
| 32 | 10.91 | 3.03 | 8.75 |
| 33 | 4.48 | 8.62 | 3.33 |
| 34 | 7.52 | 4.6 | 6 |
| 35 | 10.42 | 3.19 | 8.37 |
| 36 | 6.37 | 5.59 | 5.01 |
| 37 | 5.82 | 6.22 | 4.53 |
| 38 | 7.52 | 4.6 | 6 |
| 39 | 6.26 | 5.7 | 4.92 |
| 40 | 10.83 | 3.05 | 8.69 |
| 41 | 7 | 5 | 5.55 |
| 42 | 11.28 | 2.92 | 9.04 |
| 43 | 6.42 | 5.53 | 5.06 |
| 44 | 3.85 | 10.51 | 2.75 |
| 45 | 7.59 | 4.55 | 6.06 |
| 46 | 4.15 | 9.52 | 3.02 |
| 47 | 12.16 | 2.69 | 9.71 |
| 48 | 5.22 | 7.1 | 4 |
| 49 | 20.9 | 1.51 | 15.73 |
| 50 | 6.88 | 5.11 | 5.45 |
| 51 | 3.83 | 10.61 | 2.73 |
| 52 | 6.21 | 5.76 | 4.87 |
| 53 | 7.52 | 4.6 | 6 |
| 54 | 7.56 | 4.58 | 6.03 |
| 55 | 8 | 4.29 | 6.4 |
| 56 | 12.16 | 2.69 | 9.71 |
| 57 | 6.76 | 5.21 | 5.35 |
| 58 | 5.11 | 7.3 | 3.89 |
| 59 | 10.83 | 3.05 | 8.69 |
| 60 | 7.32 | 4.75 | 5.83 |
| TOTAL | 540.95 | 273.38 | 426.12 |
| | | | 9415.7 |

MIDDEL PART - (TIME - 6:00 TO 7:00 PM)**(DATE - 26/01/2022)WEDNESDAY**

| Min | Car/jeep/van | Two wheeler | Rickshaw |
|-----|--------------|-------------|----------|
| | m/s | m/s | m/s |
| 1 | 5.9 | 6.13 | 6 |
| 2 | 6.17 | 5.81 | 5.69 |
| 3 | 3.79 | 2.78 | 3.78 |
| 4 | 5.42 | 6.81 | 6.64 |
| 5 | 5.91 | 6.13 | 5.99 |
| 6 | 8.43 | 4.04 | 3.99 |
| 7 | 6.79 | 5.19 | 5.1 |
| 8 | 8.75 | 3.88 | 3.82 |
| 9 | 8.62 | 3.94 | 3.89 |
| 10 | 9.15 | 3.69 | 3.64 |
| 11 | 6.58 | 5.39 | 5.28 |
| 12 | 4.89 | 2.78 | 2.76 |
| 13 | 8.62 | 3.94 | 3.89 |
| 14 | 5.5 | 6.67 | 6.52 |
| 15 | 8 | 4.29 | 4.23 |
| 16 | 6.8 | 5.18 | 5.08 |
| 17 | 5.49 | 6.69 | 6.53 |
| 18 | 5.67 | 6.44 | 6.29 |
| 19 | 4.37 | 8.93 | 8.65 |
| 20 | 8.43 | 4.04 | 3.99 |
| 21 | 6.04 | 5.97 | 5.84 |
| 22 | 8.65 | 3.93 | 3.87 |
| 23 | 5.35 | 6.91 | 6.74 |
| 24 | 6.71 | 5.26 | 5.16 |
| 25 | 9.8 | 3.41 | 3.37 |
| 26 | 8.88 | 3.81 | 3.76 |
| 27 | 4.76 | 3.21 | 7.77 |
| 28 | 6.61 | 5.36 | 5.26 |
| 29 | 5.37 | 6.88 | 6.71 |
| 30 | 9.43 | 3.56 | 3.52 |

| | | | |
|--------------|---------------|---------------|----------------|
| 31 | 6.77 | 5.21 | 5.11 |
| 32 | 4.27 | 9.2 | 8.9 |
| 33 | 7.35 | 4.73 | 4.65 |
| 34 | 6.34 | 5.63 | 5.51 |
| 35 | 8.7 | 3.9 | 3.85 |
| 36 | 6.61 | 5.36 | 5.26 |
| 37 | 6.77 | 5.21 | 5.11 |
| 38 | 8.7 | 3.9 | 3.85 |
| 39 | 6.64 | 5.33 | 5.23 |
| 40 | 5.89 | 6.15 | 6.01 |
| 41 | 6.45 | 5.51 | 5.4 |
| 42 | 5.79 | 6.28 | 6.13 |
| 43 | 6.59 | 5.37 | 5.27 |
| 44 | 7.77 | 4.44 | 4.37 |
| 45 | 6.33 | 5.64 | 5.53 |
| 46 | 7.56 | 4.58 | 4.51 |
| 47 | 5.79 | 6.27 | 6.13 |
| 48 | 6.99 | 5.01 | 4.92 |
| 49 | 5.42 | 6.8 | 6.63 |
| 50 | 6.48 | 5.48 | 5.38 |
| 51 | 7.79 | 4.42 | 4.35 |
| 52 | 6.65 | 5.32 | 5.22 |
| 53 | 5.37 | 6.88 | 6.71 |
| 54 | 9.46 | 3.55 | 3.5 |
| 55 | 8.5 | 4.01 | 3.95 |
| 56 | 5.79 | 6.27 | 6.13 |
| 57 | 4.68 | 8.17 | 7.94 |
| 58 | 7.04 | 4.97 | 4.88 |
| 59 | 8.36 | 4.08 | 4.02 |
| 60 | 4.89 | 2.65 | 7.52 |
| TOTAL | 406.62 | 311.41 | 315.71 |
| | | | 10281.8 |

MIDDEL PART - (TIME - 8:00 TO 9:00 AM)**(DATE - 26/01/2022)WEDNESDAY**

| Min | Car/jeep/van | Two wheeler | Rickshaw |
|-----|--------------|-------------|----------|
| | m/s | m/s | m/s |
| 1 | 6.58 | 4.58 | 5.63 |
| 2 | 15.78 | 2.67 | 3.72 |
| 3 | 2.9 | 1.78 | 2.83 |
| 4 | 13 | 3.67 | 1.67 |
| 5 | 8.14 | 3.89 | 4.94 |
| 6 | 2.9 | 3.56 | 4.61 |
| 7 | 4.92 | 2.92 | 3.97 |
| 8 | 2.69 | 2.56 | 3.61 |
| 9 | 2.77 | 1.98 | 3.03 |
| 10 | 2.47 | 2.56 | 3.61 |
| 11 | 5.42 | 3.42 | 4.47 |
| 12 | 12.66 | 2.67 | 3.72 |
| 13 | 2.77 | 1.89 | 2.94 |
| 14 | 11.71 | 1.89 | 2.94 |
| 15 | 3.24 | 1.24 | 2.29 |
| 16 | 12.56 | 2.9 | 3.95 |
| 17 | 11.85 | 3.9 | 4.95 |
| 18 | 2.56 | 2.78 | 3.83 |
| 19 | 13.65 | 5.34 | 6.39 |
| 20 | 2.9 | 3.78 | 4.83 |
| 21 | 12.65 | 4.69 | 5.74 |
| 22 | 2.75 | 4.23 | 5.28 |
| 23 | 3.89 | 1.89 | 2.94 |
| 24 | 5.09 | 3.09 | 4.14 |
| 25 | 15.74 | 5.43 | 6.48 |
| 26 | 2.62 | 2.56 | 3.61 |
| 27 | 2.67 | 1.67 | 2.72 |
| 28 | 5.35 | 3.35 | 4.4 |
| 29 | 3.21 | 1.21 | 2.26 |
| 30 | 2.34 | 1.76 | 2.81 |

| | | | |
|-------|--------|-------|--------|
| 31 | 4.96 | 2.96 | 4.01 |
| 32 | 15.26 | 3.78 | 4.83 |
| 33 | 3.95 | 1.95 | 3 |
| 34 | 13.67 | 4.78 | 5.83 |
| 35 | 2.72 | 2.45 | 3.5 |
| 36 | 5.35 | 3.35 | 4.4 |
| 37 | 4.96 | 2.96 | 4.01 |
| 38 | 2.72 | 1.65 | 2.7 |
| 39 | 10.59 | 3.67 | 4.72 |
| 40 | 3.24 | 1.24 | 2.29 |
| 41 | 5.78 | 3.78 | 4.83 |
| 42 | 2.7 | 2.56 | 3.61 |
| 43 | 12.5 | 3.89 | 4.94 |
| 44 | 3.45 | 1.45 | 2.5 |
| 45 | 13.58 | 3.89 | 4.94 |
| 46 | 14.67 | 4.89 | 5.94 |
| 47 | 8.91 | 6.91 | 7.96 |
| 48 | 17.56 | 3.9 | 4.95 |
| 49 | 14.4 | 2.34 | 3.39 |
| 50 | 5.7 | 3.7 | 4.75 |
| 51 | 3.43 | 3.56 | 4.61 |
| 52 | 5.24 | 3.24 | 4.29 |
| 53 | 18.38 | 3.68 | 4.73 |
| 54 | 2.32 | 0.32 | 1.37 |
| 55 | 2.85 | 3.21 | 4.26 |
| 56 | 8.91 | 6.91 | 7.96 |
| 57 | 13.86 | 4.8 | 5.85 |
| 58 | 4.43 | 2.43 | 3.48 |
| 59 | 16.49 | 3.89 | 4.94 |
| 60 | 3.9 | 1.9 | 2.95 |
| TOTAL | 444.25 | 189.9 | 249.85 |
| | | | 12334 |

MIDDEL PART - (TIME - 6:00 TO 7:00 PM)**(DATE - 26/01/2022)WEDNESDAY**

| Min | Car/jeep/van | Two wheeler | Rickshaw |
|-----|--------------|-------------|----------|
| | m/s | m/s | m/s |
| 1 | 1.34 | 2.65 | 6.43 |
| 2 | 0.67 | 1.87 | 5.8 |
| 3 | 1.56 | 3.56 | 3.9 |
| 4 | 0.48 | 2.67 | 4.68 |
| 5 | 2.56 | 1.78 | 4.78 |
| 6 | 1.9 | 18.75 | 1.65 |
| 7 | 3.78 | 1.89 | 3.68 |
| 8 | 4.35 | 7.41 | 4.41 |
| 9 | 2.45 | 13.95 | 2.25 |
| 10 | 2.57 | 13.22 | 2.38 |
| 11 | 1.9 | 0.59 | 2.78 |
| 12 | 2.79 | 12.05 | 2.62 |
| 13 | 3.58 | 9.15 | 3.51 |
| 14 | 4.32 | 7.46 | 4.37 |
| 15 | 3.65 | 8.96 | 3.59 |
| 16 | 4.9 | 1.21 | 4.67 |
| 17 | 2.78 | 12.1 | 2.61 |
| 18 | 8.24 | 3.78 | 9.44 |
| 19 | 6.91 | 4.54 | 7.62 |
| 20 | 8.24 | 3.78 | 9.44 |
| 21 | 7.43 | 4.21 | 8.32 |
| 22 | 5.22 | 1.65 | 3.26 |
| 23 | 8.2 | 3.8 | 9.38 |
| 24 | 5.1 | 1.78 | 4.67 |
| 25 | 6.9 | 4.55 | 7.6 |
| 26 | 9.32 | 3.33 | 3.87 |
| 27 | 8.5 | 2.21 | 3.67 |
| 28 | 5.36 | 5.93 | 5.63 |
| 29 | 5.2 | 1.56 | 2.78 |
| 30 | 6.32 | 4.99 | 6.84 |

| | | | |
|-------|--------|--------|--------|
| 31 | 4.96 | 6.43 | 5.14 |
| 32 | 8.24 | 3.56 | 3.67 |
| 33 | 3.96 | 0.9 | 3.98 |
| 34 | 6.15 | 5.13 | 6.62 |
| 35 | 7.96 | 4.67 | 7.37 |
| 36 | 5.36 | 5.93 | 5.63 |
| 37 | 4.96 | 1.65 | 2.56 |
| 38 | 6.15 | 5.13 | 6.62 |
| 39 | 5.28 | 0.45 | 3.9 |
| 40 | 8.2 | 3.8 | 9.38 |
| 41 | 5.79 | 5.46 | 6.17 |
| 42 | 8.45 | 3.68 | 9.74 |
| 43 | 5.39 | 5.89 | 5.67 |
| 44 | 3.46 | 1.23 | 2.87 |
| 45 | 6.19 | 5.09 | 6.68 |
| 46 | 3.7 | 1.21 | 5.43 |
| 47 | 8.94 | 4.89 | 6.99 |
| 48 | 4.52 | 2.78 | 3.21 |
| 49 | 2.67 | 12.66 | 2.49 |
| 50 | 5.71 | 5.54 | 6.07 |
| 51 | 3.44 | 3.89 | 9.12 |
| 52 | 5.25 | 0.56 | 3.9 |
| 53 | 6.15 | 5.13 | 6.62 |
| 54 | 6.17 | 5.11 | 6.65 |
| 55 | 6.47 | 4.87 | 7.03 |
| 56 | 8.94 | 4.78 | 7.18 |
| 57 | 5.63 | 5.63 | 5.96 |
| 58 | 4.44 | 1.23 | 4.67 |
| 59 | 8.2 | 3.8 | 9.38 |
| 60 | 6.01 | 5.25 | 6.45 |
| TOTAL | 313.23 | 291.68 | 323.78 |
| | | | 8067.4 |

MIDDEL PART - (TIME - 8:00 TO 9:00 AM)

(DATE - 27/01/2022)THURSDAY

| Min | Car/jeep/van | Two wheeler | Rickshaw |
|-----|--------------|-------------|----------|
| | m/s | m/s | m/s |
| 1 | 7.87 | 2.45 | 4.6 |
| 2 | 8.43 | 4.04 | 6.61 |
| 3 | 5.7 | 3.76 | 3.76 |
| 4 | 7.08 | 4.94 | 5.52 |
| 5 | 3.28 | 3.6 | 7.32 |
| 6 | 8.59 | 3.95 | 4.76 |
| 7 | 9.62 | 3.48 | 7.53 |
| 8 | 7.5 | 4.62 | 7.54 |
| 9 | 4.75 | 8 | 3.76 |
| 10 | 6.49 | 5.46 | 4.29 |
| 11 | 9.2 | 3.66 | 7.22 |
| 12 | 3.56 | 4.32 | 3.54 |
| 13 | 5.78 | 6.28 | 4.63 |
| 14 | 7.23 | 4.82 | 5.64 |
| 15 | 7.53 | 4.59 | 5.89 |
| 16 | 9.65 | 3.47 | 7.56 |
| 17 | 7.21 | 4.83 | 5.63 |
| 18 | 8.4 | 3.67 | 2.56 |
| 19 | 2.75 | 2.56 | 3.5 |
| 20 | 8.58 | 3.96 | 4.32 |
| 21 | 8.17 | 3.57 | 7.37 |
| 22 | 7.49 | 4.62 | 3.68 |
| 23 | 3.76 | 2.8 | 4.28 |
| 24 | 9.46 | 3.54 | 7.42 |
| 25 | 7.48 | 4.63 | 5.85 |
| 26 | 6.89 | 5.09 | 4.32 |
| 27 | 7.5 | 3.76 | 4.65 |
| 28 | 9.26 | 2.9 | 8.82 |
| 29 | 9.54 | 3.78 | 7.01 |
| 30 | 6.89 | 5.09 | 8.34 |

| | | | |
|-------|-------|--------|--------|
| 31 | 9.58 | 3.49 | 7.51 |
| 32 | 8.56 | 3.67 | 7.19 |
| 33 | 8.67 | 3.91 | 6.8 |
| 34 | 7.32 | 4.75 | 5.72 |
| 35 | 7.65 | 3.67 | 7.19 |
| 36 | 9.26 | 3.63 | 7.26 |
| 37 | 9.58 | 3.49 | 7.51 |
| 38 | 9.65 | 2.54 | 9.87 |
| 39 | 9.32 | 3.78 | 7.01 |
| 40 | 6.79 | 2.67 | 9.46 |
| 41 | 8.96 | 3.77 | 7.02 |
| 42 | 5.4 | 2.65 | 3.9 |
| 43 | 9.23 | 3.64 | 7.24 |
| 44 | 7.14 | 3.21 | 8.09 |
| 45 | 8.72 | 2.15 | 2.58 |
| 46 | 5.6 | 6.52 | 4.27 |
| 47 | 7.73 | 3.56 | 7.39 |
| 48 | 7.58 | 4.56 | 5.93 |
| 49 | 7.09 | 6.89 | 4.06 |
| 50 | 9.01 | 3.75 | 7.07 |
| 51 | 7.54 | 4.59 | 3.28 |
| 52 | 7.11 | 4.91 | 5.54 |
| 53 | 4.3 | 9.09 | 3.13 |
| 54 | 6.93 | 5.06 | 5.4 |
| 55 | 4.75 | 8 | 3.21 |
| 56 | 7.73 | 4.46 | 6.05 |
| 57 | 8.49 | 3.78 | 7.01 |
| 58 | 5.34 | 6.91 | 4.05 |
| 59 | 5.84 | 6.2 | 2.78 |
| 60 | 4.89 | 3.21 | 8.09 |
| TOTAL | 441.4 | 258.77 | 349.52 |
| | | | 10909 |

MIDDEL PART - (TIME - 6:00 TO 7:00 PM)**(DATE - 27/01/2022)THURSDAY**

| Min | Car/jeep/van | Two wheeler | Rickshaw |
|-----|--------------|-------------|----------|
| | m/s | m/s | m/s |
| 1 | 3.55 | 2.55 | 3.05 |
| 2 | 5.56 | 4.56 | 5.06 |
| 3 | 3.12 | 2.12 | 2.62 |
| 4 | 6.24 | 5.24 | 5.74 |
| 5 | 1.15 | 0.15 | 0.65 |
| 6 | 4.26 | 3.26 | 3.76 |
| 7 | 5.12 | 4.12 | 4.62 |
| 8 | 4.13 | 3.13 | 3.63 |
| 9 | 4.18 | 3.18 | 3.68 |
| 10 | 3.98 | 2.98 | 3.48 |
| 11 | 5.26 | 4.26 | 4.76 |
| 12 | 2.19 | 1.19 | 1.69 |
| 13 | 4.18 | 3.18 | 3.68 |
| 14 | 6.15 | 5.15 | 5.65 |
| 15 | 4.45 | 3.45 | 3.95 |
| 16 | 5.11 | 4.11 | 4.61 |
| 17 | 6.16 | 5.16 | 5.66 |
| 18 | 3.18 | 2.18 | 2.68 |
| 19 | 2.78 | 1.78 | 2.28 |
| 20 | 4.26 | 3.26 | 3.76 |
| 21 | 5.67 | 4.67 | 5.17 |
| 22 | 4.17 | 3.17 | 3.67 |
| 23 | 2.16 | 1.16 | 1.66 |
| 24 | 5.17 | 4.17 | 4.67 |
| 25 | 6.01 | 5.01 | 5.51 |
| 26 | 4.08 | 3.08 | 3.58 |
| 27 | 3.15 | 2.15 | 2.65 |
| 28 | 5.24 | 4.24 | 4.74 |
| 29 | 2.56 | 1.56 | 2.06 |
| 30 | 3.88 | 2.88 | 3.38 |

| | | | |
|--------------|---------------|---------------|---------------|
| 31 | 5.13 | 4.13 | 4.63 |
| 32 | 3.55 | 2.55 | 3.05 |
| 33 | 4.78 | 3.78 | 4.28 |
| 34 | 6.1 | 5.1 | 5.6 |
| 35 | 4.15 | 3.15 | 3.65 |
| 36 | 5.24 | 4.24 | 4.74 |
| 37 | 5.13 | 4.13 | 4.63 |
| 38 | 4.15 | 3.15 | 3.65 |
| 39 | 5.22 | 4.22 | 4.72 |
| 40 | 3.55 | 2.55 | 3.05 |
| 41 | 5.35 | 4.35 | 4.85 |
| 42 | 3.14 | 2.14 | 2.64 |
| 43 | 5.25 | 4.25 | 4.75 |
| 44 | 6.2 | 5.2 | 5.7 |
| 45 | 5.44 | 4.44 | 4.94 |
| 46 | 4.67 | 3.67 | 4.17 |
| 47 | 5.88 | 4.88 | 5.38 |
| 48 | 4.99 | 3.99 | 4.49 |
| 49 | 6.23 | 5.23 | 5.73 |
| 50 | 5.33 | 4.33 | 4.83 |
| 51 | 4.55 | 3.55 | 4.05 |
| 52 | 6.22 | 5.22 | 5.72 |
| 53 | 4.99 | 3.99 | 4.49 |
| 54 | 6.33 | 5.33 | 5.83 |
| 55 | 4.23 | 3.23 | 3.73 |
| 56 | 5.88 | 4.88 | 5.38 |
| 57 | 2.97 | 1.97 | 2.47 |
| 58 | 4.96 | 3.96 | 4.46 |
| 59 | 4.29 | 3.29 | 3.79 |
| 60 | 1.92 | 0.92 | 1.42 |
| TOTAL | 272.92 | 212.92 | 242.92 |
| | | | 11172 |

MIDDEL PART - (TIME - 8:00 TO 9:00 AM)**(DATE - 27/01/2022)THURSDAY**

| Min | Car/jeep/van | Two wheeler | Rickshaw |
|-----|--------------|-------------|----------|
| | m/s | m/s | m/s |
| 1 | 4.67 | 6.29 | 6.71 |
| 2 | 5.37 | 5.48 | 3.57 |
| 3 | 1.54 | 3.56 | 3.56 |
| 4 | 3.21 | 2.56 | 9.96 |
| 5 | 4.67 | 6.29 | 3.78 |
| 6 | 4.56 | 6.44 | 6.88 |
| 7 | 2.49 | 3.25 | 6.47 |
| 8 | 3.56 | 8.2 | 8.93 |
| 9 | 6.45 | 4.58 | 4.8 |
| 10 | 3.07 | 3.25 | 4.78 |
| 11 | 6.48 | 4.56 | 4.78 |
| 12 | 3.56 | 8.2 | 8.93 |
| 13 | 7.56 | 3.92 | 4.08 |
| 14 | 2.47 | 3.56 | 5.76 |
| 15 | 2.58 | 4.25 | 4.37 |
| 16 | 2.49 | 3.45 | 7.45 |
| 17 | 8.2 | 3.61 | 3.75 |
| 18 | 3.56 | 3.12 | 8.93 |
| 19 | 4.48 | 6.55 | 7 |
| 20 | 5.68 | 5.19 | 5.47 |
| 21 | 3.64 | 8.02 | 2.68 |
| 22 | 6.48 | 4.56 | 4.78 |
| 23 | 2.47 | 3.25 | 5.78 |
| 24 | 4.37 | 6.71 | 7.19 |
| 25 | 8.08 | 3.67 | 3.81 |
| 26 | 2.45 | 4.25 | 6.57 |
| 27 | 7.58 | 3.91 | 4.07 |
| 28 | 3.16 | 4.25 | 7.56 |
| 29 | 3.27 | 3.57 | 3.56 |
| 30 | 6.9 | 4.29 | 2.68 |

| | | | |
|--------------|---------------|---------------|---------------|
| 31 | 2.47 | 5.36 | 7.45 |
| 32 | 7.96 | 3.72 | 3.87 |
| 33 | 6.45 | 4.58 | 4.8 |
| 34 | 8.2 | 3.61 | 3.75 |
| 35 | 3.49 | 4.36 | 9.11 |
| 36 | 8.45 | 3.51 | 3.64 |
| 37 | 3.56 | 8.2 | 3.68 |
| 38 | 3.88 | 7.53 | 8.14 |
| 39 | 6.99 | 4.23 | 4.42 |
| 40 | 6.38 | 4.63 | 4.85 |
| 41 | 3.49 | 8.35 | 6.45 |
| 42 | 3.21 | 4.36 | 7.45 |
| 43 | 3.26 | 8.93 | 5.34 |
| 44 | 4.44 | 6.61 | 7.08 |
| 45 | 3.49 | 8.35 | 4.36 |
| 46 | 7.61 | 3.89 | 4.05 |
| 47 | 3.56 | 8.2 | 8.93 |
| 48 | 6.45 | 4.58 | 4.8 |
| 49 | 2.19 | 4.26 | 5.37 |
| 50 | 7.36 | 4.02 | 4.19 |
| 51 | 8.47 | 3.5 | 3.56 |
| 52 | 3.56 | 8.2 | 8.93 |
| 53 | 3.87 | 7.56 | 8.17 |
| 54 | 6.48 | 4.56 | 4.78 |
| 55 | 4.34 | 6.75 | 7.24 |
| 56 | 8.54 | 3.47 | 3.6 |
| 57 | 4.26 | 6.88 | 7.39 |
| 58 | 6.24 | 4.73 | 4.97 |
| 59 | 3.88 | 7.53 | 8.14 |
| 60 | 3.26 | 8.93 | 5.46 |
| TOTAL | 290.87 | 316.17 | 342.6 |
| | | | 4137.4 |

MIDDEL PART - (TIME - 6:00 TO 7:00 PM)**(DATE - 27/01/2022)THURSDAY**

| Min | Car/jeep/van | Two wheeler | Rickshaw |
|-----|--------------|-------------|----------|
| | m/s | m/s | m/s |
| 1 | 2.43 | 2.53 | 2.23 |
| 2 | 3.21 | 3.31 | 3.01 |
| 3 | 3.27 | 3.37 | 3.07 |
| 4 | 2.9 | 3 | 2.7 |
| 5 | 2.43 | 2.53 | 2.23 |
| 6 | 4.36 | 4.46 | 4.16 |
| 7 | 2.3 | 2.4 | 2.1 |
| 8 | 3.76 | 3.86 | 3.56 |
| 9 | 5.31 | 5.41 | 5.11 |
| 10 | 2.79 | 2.89 | 2.59 |
| 11 | 2.43 | 2.53 | 2.23 |
| 12 | 4.32 | 4.42 | 4.12 |
| 13 | 9.3 | 3.25 | 9.1 |
| 14 | 2.29 | 2.39 | 2.09 |
| 15 | 4.32 | 4.42 | 4.12 |
| 16 | 2.3 | 2.4 | 2.1 |
| 17 | 6.44 | 6.54 | 6.24 |
| 18 | 2.65 | 2.75 | 2.98 |
| 19 | 3.9 | 4 | 3.7 |
| 20 | 4.78 | 4.88 | 4.58 |
| 21 | 3.56 | 3.66 | 3.36 |
| 22 | 3.52 | 3.62 | 3.32 |
| 23 | 2.29 | 2.39 | 2.09 |
| 24 | 3.56 | 3.66 | 3.36 |
| 25 | 6.36 | 6.46 | 6.16 |
| 26 | 2.27 | 2.37 | 2.07 |
| 27 | 3.25 | 3.35 | 3.05 |
| 28 | 2.85 | 2.95 | 2.65 |
| 29 | 4.32 | 4.42 | 4.12 |
| 30 | 3.56 | 3.66 | 3.36 |

| | | | |
|--------------|---------------|---------------|---------------|
| 31 | 2.29 | 2.39 | 2.09 |
| 32 | 6.29 | 6.39 | 6.09 |
| 33 | 5.31 | 5.41 | 5.11 |
| 34 | 6.44 | 6.54 | 6.24 |
| 35 | 3.13 | 3.23 | 2.93 |
| 36 | 7.5 | 7.6 | 7.3 |
| 37 | 3.76 | 3.86 | 2.45 |
| 38 | 3.44 | 3.54 | 3.24 |
| 39 | 5.67 | 5.77 | 5.47 |
| 40 | 7.92 | 8.02 | 7.72 |
| 41 | 3.13 | 3.23 | 2.93 |
| 42 | 2.9 | 3 | 2.7 |
| 43 | 3.56 | 3.66 | 3.36 |
| 44 | 3.86 | 3.96 | 3.66 |
| 45 | 3.13 | 3.23 | 2.93 |
| 46 | 6.07 | 6.17 | 5.87 |
| 47 | 2.67 | 2.77 | 1.56 |
| 48 | 5.31 | 5.41 | 5.11 |
| 49 | 2.04 | 2.14 | 1.84 |
| 50 | 9.75 | 9.85 | 9.55 |
| 51 | 2.56 | 2.66 | 2.36 |
| 52 | 3.18 | 3.28 | 2.98 |
| 53 | 3.56 | 3.66 | 3.36 |
| 54 | 9.3 | 9.4 | 9.1 |
| 55 | 3.79 | 3.89 | 3.59 |
| 56 | 3.67 | 3.77 | 3.47 |
| 57 | 4.87 | 4.97 | 4.67 |
| 58 | 3.78 | 3.88 | 3.58 |
| 59 | 3.44 | 3.54 | 3.24 |
| 60 | 3.89 | 3.99 | 3.69 |
| TOTAL | 247.23 | 247.08 | 233.74 |
| | | | 3915.8 |

4.7 ACCIDENT ANALYSIS

| નં. | કુલ સમય | કુલ વાગ્ય | કુલ માત્રા | કુલ અધિકૃત અનુભવ | અનુભવનું નામ | બાટેથી નામ | દિન | બાટેથી વાગ્યનાં વિશે | અનુભવ વાગ્યનાં વિશે | જાતીય | | તાત્કાલિક અનુભવ | સાધી નિયમ |
|-----|---------|-----------|------------|------------------|--------------|--------------|----------|----------------------|---------------------|-------|-------|-----------------|-----------|
| | | | | | | | | | | અનુભવ | વાગ્ય | | |
| ૧ | ૨૫૭૩ | ૨૪૭૧ | ૨૪૭ | ૦૯૮૮ | સુનોભાઈ | નોભાઈ | ૫૦ | શાહુ | ૬૨૫ | - | ૨૪ | પાઠેકા | યાને |
| ૨ | ૦.૫૦.૯૩ | ૩ | ૧૩ | ૨૫૬ | ખાપભાઈ | મનછાલ | ૩૨ | કારૂ | ૭૨ | | | દોકુણાઈ | ૪૪૭૩ |
| ૩ | ૦.૫૦.૯૩ | ૫.૮૩ | ૫.૯૩ | ૩૪૩ | પાસે | શેડીયા | શાહ રહે | મો | | | | બી | ૪૪૭૩ |
| ૪ | ૦ | ૧૫ | ૦ | ૩૦ | દોડ | ૦.૨૪ | દેબી કેન | સા. ન. | | | | બાબરી | ૩ |
| ૫ | ૨૫૮.૩૩ | | | ૦૫૭ | ૨૬. કાલ | શાસ્ત્રીય પણ | | | | | | ધા | |
| ૬ | | | | | શોલીયાન | ઓમન | | | | | | | |
| ૭ | | | | | ૨૨.૭ | ટાલ્લ ફેરી | | | | | | | |
| ૮ | | | | | ૨૪૭૫૨ | નેરી | | | | | | | |
| ૯ | | | | | ૨૬૩૬૮ | કાલાવાડ | | | | | | | |
| ૧૦ | | | | | ૨૬૩૬૯ | દોડ રાજીલો | | | | | | | |
| ૧૧ | | | | | ૨૬૩૭૦ | ૧૧.૨૬૭૧૩ | | | | | | | |
| ૧૨ | | | | | ૨૬૩૭૧ | ૫.૧૬.૦૦ | | | | | | | |
| ૧૩ | | | | | ૨૬૩૭૨ | ૫૨૫ કોરે | | | | | | | |
| ૧૪ | | | | | ૨૬૩૭૩ | ૫૨૬.૫૨ | | | | | | | |
| ૧૫ | | | | | ૨૬૩૭૪ | ૬ | | | | | | | |
| ૧૬ | | | | | ૨૬૩૭૫ | ૬ | | | | | | | |
| ૧૭ | | | | | ૨૬૩૭૬ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૧૮ | | | | | ૨૬૩૭૭ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૧૯ | | | | | ૨૬૩૭૮ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૨૦ | | | | | ૨૬૩૭૯ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૨૧ | | | | | ૨૬૩૮૦ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૨૨ | | | | | ૨૬૩૮૧ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૨૩ | | | | | ૨૬૩૮૨ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૨૪ | | | | | ૨૬૩૮૩ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૨૫ | | | | | ૨૬૩૮૪ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૨૬ | | | | | ૨૬૩૮૫ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૨૭ | | | | | ૨૬૩૮૬ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૨૮ | | | | | ૨૬૩૮૭ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૨૯ | | | | | ૨૬૩૮૮ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૩૦ | | | | | ૨૬૩૮૯ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૩૧ | | | | | ૨૬૩૯૦ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૩૨ | | | | | ૨૬૩૯૧ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૩૩ | | | | | ૨૬૩૯૨ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૩૪ | | | | | ૨૬૩૯૩ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૩૫ | | | | | ૨૬૩૯૪ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૩૬ | | | | | ૨૬૩૯૫ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૩૭ | | | | | ૨૬૩૯૬ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૩૮ | | | | | ૨૬૩૯૭ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૩૯ | | | | | ૨૬૩૯૮ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૪૦ | | | | | ૨૬૩૯૯ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૪૧ | | | | | ૨૬૩૧૦ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૪૨ | | | | | ૨૬૩૧૧ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૪૩ | | | | | ૨૬૩૧૨ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૪૪ | | | | | ૨૬૩૧૩ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૪૫ | | | | | ૨૬૩૧૪ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૪૬ | | | | | ૨૬૩૧૫ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૪૭ | | | | | ૨૬૩૧૬ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૪૮ | | | | | ૨૬૩૧૭ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૪૯ | | | | | ૨૬૩૧૮ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૫૦ | | | | | ૨૬૩૧૯ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૫૧ | | | | | ૨૬૩૨૦ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૫૨ | | | | | ૨૬૩૨૧ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૫૩ | | | | | ૨૬૩૨૨ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૫૪ | | | | | ૨૬૩૨૩ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૫૫ | | | | | ૨૬૩૨૪ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૫૬ | | | | | ૨૬૩૨૫ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૫૭ | | | | | ૨૬૩૨૬ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૫૮ | | | | | ૨૬૩૨૭ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૫૯ | | | | | ૨૬૩૨૮ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૬૦ | | | | | ૨૬૩૨૯ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૬૧ | | | | | ૨૬૩૩૦ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૬૨ | | | | | ૨૬૩૩૧ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૬૩ | | | | | ૨૬૩૩૨ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૬૪ | | | | | ૨૬૩૩૩ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૬૫ | | | | | ૨૬૩૩૪ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૬૬ | | | | | ૨૬૩૩૫ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૬૭ | | | | | ૨૬૩૩૬ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૬૮ | | | | | ૨૬૩૩૭ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૬૯ | | | | | ૨૬૩૩૮ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૭૦ | | | | | ૨૬૩૩૯ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૭૧ | | | | | ૨૬૩૩૧૦ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૭૨ | | | | | ૨૬૩૩૧૧ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૭૩ | | | | | ૨૬૩૩૧૨ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૭૪ | | | | | ૨૬૩૩૧૩ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૭૫ | | | | | ૨૬૩૩૧૪ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૭૬ | | | | | ૨૬૩૩૧૫ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૭૭ | | | | | ૨૬૩૩૧૬ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૭૮ | | | | | ૨૬૩૩૧૭ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૭૯ | | | | | ૨૬૩૩૧૮ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૮૦ | | | | | ૨૬૩૩૧૯ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૮૧ | | | | | ૨૬૩૩૨૦ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૮૨ | | | | | ૨૬૩૩૨૧ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૮૩ | | | | | ૨૬૩૩૨૨ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૮૪ | | | | | ૨૬૩૩૨૩ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૮૫ | | | | | ૨૬૩૩૨૪ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૮૬ | | | | | ૨૬૩૩૨૫ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૮૭ | | | | | ૨૬૩૩૨૬ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૮૮ | | | | | ૨૬૩૩૨૭ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૮૯ | | | | | ૨૬૩૩૨૮ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૯૦ | | | | | ૨૬૩૩૨૯ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૯૧ | | | | | ૨૬૩૩૩૦ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૯૨ | | | | | ૨૬૩૩૩૧ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૯૩ | | | | | ૨૬૩૩૩૨ | ૧૦.૧૦.૧૦ | | | | | | | |
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| ૯૬ | | | | | ૨૬૩૩૩૫ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૯૭ | | | | | ૨૬૩૩૩૬ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૯૮ | | | | | ૨૬૩૩૩૭ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૯૯ | | | | | ૨૬૩૩૩૮ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૧૦૦ | | | | | ૨૬૩૩૩૯ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૧૦૧ | | | | | ૨૬૩૩૩૧૦ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૧૦૨ | | | | | ૨૬૩૩૩૧૧ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૧૦૩ | | | | | ૨૬૩૩૩૧૨ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૧૦૪ | | | | | ૨૬૩૩૩૧૩ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૧૦૫ | | | | | ૨૬૩૩૩૧૪ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૧૦૬ | | | | | ૨૬૩૩૩૧૫ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૧૦૭ | | | | | ૨૬૩૩૩૧૬ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૧૦૮ | | | | | ૨૬૩૩૩૧૭ | ૧૦.૧૦.૧૦ | | | | | | | |
| ૧૦૯ | | | | | ૨૬૩૩૩૧૮ | ૧ | | | | | | | |

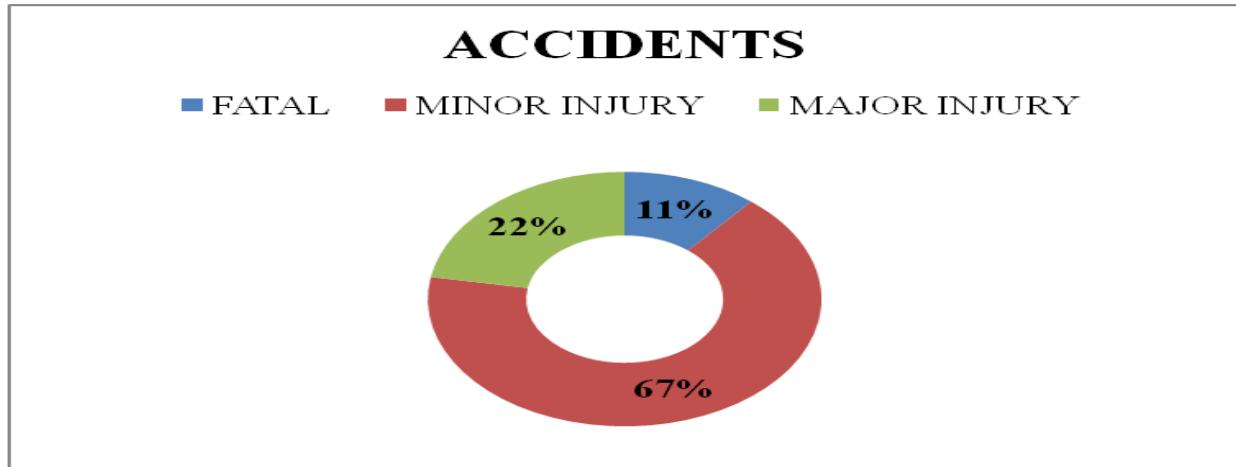
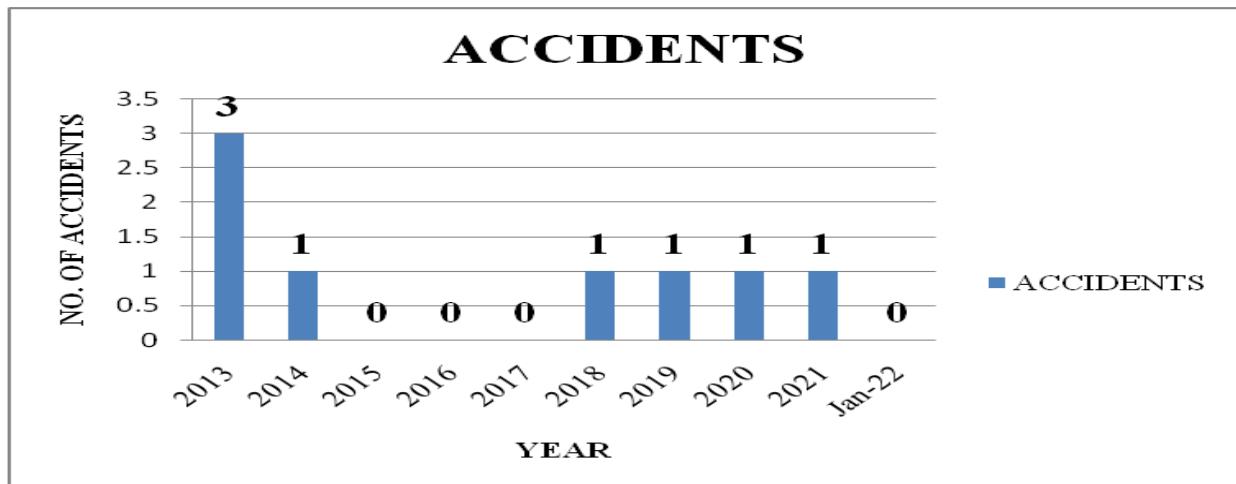
| | | | | રોડ | સ્ય વારીથા | | | | ૧ | | | |
|---|----------|-------|------|---------|------------|-------------|----|-------|-------|-----|--|--------|
| | | | | રોડ | કવાનેઝે | | | | | | | |
| | | | | દેહિંશ | ૪ | | | | | | | |
| | | | | ગરુલ | દીચરીયા | | | | | | | |
| | | | | પાસે | પારના | | | | | | | |
| | | | | હીંબની | દરાનાન | | | | | | | |
| | | | | સામે | પાણળ | | | | | | | |
| | | | | રોડ પર | જામનાર | | | | | | | |
| | | | | રાજકોટ | રોડ | | | | | | | |
| | | | | . | રાજકોટ | | | | | | | |
| ૫ | ૨૫૭૫ | ૧૨૧ | ૧૨૧ | થાણા | પિયુલભાઈ | વાળાને | ૨૧ | ૫૩૧૪ | લોન્ડ | ૨૧ | | શાન્દ. |
| | | ૫ | ૫ | થી | દલખાંપ | પાઠ્ય | | ૩૪૫૨ | સુપર | | | ૪૩૭૫ |
| | ૦.૫૧.૭૧. | ૫.૩૧ | ૫.૨૭ | દશિંશ | ભાઈ મુખરા | ૫.૧૪૪૫ | | ૨૫૩૮ | સ્ટેલ | | | ૩૩૭ |
| | -૨૩૬ | ૫ | ૧૫ | ૧ ડીમી | જાતે પેટેલ | વાગ્યે અસ્ત | | ૨૩૭૮ | ન્ડ | | | ૫ |
| | ૩૩૮ રિ. | | | ૬૨ | ઉંવ-સી | | | | ૩૬૩ | પો. | | |
| | | | | ૦નીરા | ફ્યો. | | | | ૬ | | | |
| | | | | ગરુલ | અસ્યાસ | | | | | | | |
| | | | | નાનુલ | હું અમી | | | | | | | |
| | | | | ઓવર | સોસાભ્યો | | | | | | | |
| | | | | દ્વિજ | ક ન-૩૪ | | | | | | | |
| | | | | ના | યુનિ રોડ | | | | | | | |
| | | | | પિલોર | રાજકોટ | | | | | | | |
| | | | | પાસે | | | | | | | | |
| | | | | મ.પો. | | | | | | | | |
| | | | | થોડી | | | | | | | | |
| | | | | બીટ | | | | | | | | |
| | | | | રાજકોટ | | | | | | | | |
| ૬ | ૨૪૭૮ | ૬૭૭૨ | ૨૨૧ | કાટથા | પાયલભન | આવડા | ૧૬ | ૦-૬૧ | અ | ૧૬ | | આર.આ |
| | | ૫ | ૮ | થોડી થી | દીઓ | ગુમલભાઈ | | ૫૧૫૧૨ | ફો | | | નાપેલ. |
| | ૦.૫૧.૭૧. | ૧૧૧૫ | ૦૦ | ફુની.રી | રાજેશભાઈ | કારાકરા | | ૫૪૨ | વા | | | ૧૮/૪૭ |
| | -૨૩૬ | થી | | ૫. તરફ | મનસુમલા | | | ૩. | મો. | | | ૮ |
| | ૩૩૯ રિ. | ૧૧/૩૦ | | જતા | દ | ૦.૭૨૭. | | ૩૧૩૬ | સા. | | | |
| | | | | રોડ પર | જીબનપુરા | ગાંધીનગર | | | ૫૪૨ | | | |
| | | | | | ૦.૮૧૬ | ના. | | | ૩. | | | |
| | | | | | ૩૬ | કલાકારુ | | | ૩૦૦૬ | | | |
| | | | | | નેમીનાથ | જી દેસ્યમી | | | | | | |
| | | | | | સોયાયરી | | | | | | | |

| | | | | | બ્રાહ્મ નેતર રિટ ગોપીશ્વામ રેખારોડ રાજકોટ | દ્વારા | | | | | | |
|---|---|---|---|---|---|--|--|---|--|--|---|---------------------------------------|
| ૧ | ગાયાશા મ પોસ્ટ . ગુરુન ૭૭૧૬ ૦.પી.કો. ૫. ૩૯૮૩૩ ૬૩૩૬ | ૪૭૭ ૬.૬. ૧૨૪૫ ૫ | ૪૭૭ ૬.૬. ૨૦૧ ૫ | ૧૮૮૨૧ ૧૮૮૧ ૧૮૮૨ ૧૮૮૧ ૧૮૮૧ ૧૮૮૧ ૧૮૮૧ | માણિબન વાખો સ્વજ્ઞભાઈ મકવાણા દી. પણ શે મહિંદ પાક વ્યોક ન. ૧૩ બેકલોન સૈંડિની પાસે માધ્યાપર શીકડી મોરબી બાયાસ રોડ રાજકોટ | કોસ્માટ સ્ટુલ ની બસ ન. ૩૩ જી ૦૩ અ.ટો.૬૪૪ ૩ નો શાબક જ્યાદીપણા ૦ જ્યંતીભાઈ સાપરીયા ૦.૨. ૩૭ શે અભાળા ગામ તાપકરી જી. રાજકોટ મોનેરો ૮૧૬૦૪૩૧૦ ૧૩ વાળાને દાન ૫૮૧૯૮ ૬. ૬૪૦ અટક ક્રેચ | ૫૫ ૫૫ ૫૫ ૫૫ ૫૫ ૫૫ ૫૫ | કોસ્માટ ક સ્ટુલ ની બસ ન. ૩૩ બસ ન. ૩૩ નો શે.૦૩ એ.૨૧ ૬૪૪૩ નો | શાલા ને | ૫૫ ૫૫ | અભાળા અભાળા અભાળા અભાળા અભાળા અભાળા અભાળા | ૧૦૦૭ ૬ ૧૦૭૭ ૧૮ ૧૦૭૭ ૧૮ |
| ૨ | ગોપીશ્વા મ પોસ્ટ ૦૬૧૨૦ ૨૦ ૦.પી.કો. ૫. | ૩૯૦૮ ૧૨૨૦ ૬૩૦ ૫૬૧૬ ૦૬૦૦ ૫૬૧૬ ૦૬૦૦ ૦.પી.કો. ૫. | ૫૬૦ ૬૩૦ ૨૦ ૫૬૧૬ ૦૬૦૦ ૫૬૧૬ ૦૬૦૦ ૦ | ૧૮૮૨૧ ૧૮૮૧ ૧૮૮૨ ૧૮૮૧ ૧૮૮૧ ૧૮૮૧ ૧૮૮૧ ૧૮૮૧ ૧૮૮૧ | ફખ્યામાણ ન સ્વજ્ઞભાઈ પેણીયા દી. પણ જાતાઓ હીર મનહરપુર ની સામે | પાયગળાઈ સ્વેચ્છાભાઈ પેણીયા દી. પણ જાતાઓ હીર મનહરપુર ની સામે | ૫૦ ૫૦ ૫૦ ૫૦ ૫૦ ૫૦ ૫૦ ૫૦ ૫૦ | અટક ફોર લીલ ડેટસ ન કુમ્પ નીની જીના | ૫૦ ૫૦ ૫૦ ૫૦ ૫૦ ૫૦ ૫૦ ૫૦ ૫૦ | સાહુસ ૭૦૭ અદ્દ ૨૦૨૦ વ્યાસ ૦૨૦ | યાન ૧૪૩૭ ૨૦૨૦ ૨૧૧૭ ૦૨૦ | |

| | | | | | |
|----------|---------|-------------|----------|------------|------------|
| ૪૬૩૩ | અક્ષાંશ | મન | જામનગર | દેસ | દ્વા. |
| ૫ | - | હાલ.સ્ટે. | શેડ | ન.ઝ. | |
| એમટી. | ૧૧.૩૩ | શેનગર | શાહકોટ | દુ.ઝ. | |
| એક. | ૧૪૮૨ | શેરી ન.૭૭ | મોનશ્વાદ | ક.સી. | |
| ૧૦૦૯૮ | ૭૩૮૨ | ખાંક | કાશીલય | દ્વાદ્શ | |
| ૪ | સૈંપાઠ- | ન.૭૩ | વાળાને | નો | |
| | ૮૦.૮૯ | જામનગર | દા. | યાલક | |
| | ૬૦૬૭ | શેડ | ૧૩૮૯૦૨૦ | | |
| | | શાહકોટ | ના.ક. | | |
| | | શાહેર | ૧૧૦૦ | | |
| | | મુણાસ્ટે. | ૪૨૫ કલે. | | |
| | | ગામ | | | |
| | | તેપસી | | | |
| | | પીલ્લાસ્ટેપ | | | |
| | | શી | | | |
| | | તાપીથર | | | |
| | | જી.મુખ્ય | | | |
| | | સ્પૂર | | | |
| | | શાહથાંબી | | | |
| | | હાર | | | |
| | | મોન.૮૭૧ | | | |
| | | ૧૨૮૮૦૦૨ | | | |
| ૬ | ગાયાંશ | સ્ટ.૨૪ | સ્ટ.૨ | જામનગર | બિશાળે |
| મ પી.સે. | ૧૨૨૦ | ૪૦૭ | ૨૩૦૮ | દુંઘો | દ્વિંદીબ |
| શુ.ન. | ૩૧ ના | ૨૦૮ | ૬૮૯ | દીનશર | વિજયલાલ |
| ૭ | ૧૧૨૦૮૦ | ૩૦ | ૩૧૭ | ના | પાટની |
| ૩૪.૨૧ | | | ૩૧૭ | સામ | પીઠા |
| ૭૦૮૮ | | | | જાતશુદ્ધાર | ૩૩.૪૧૦.૫૧ |
| માણપી. | | | | ૩૩.૪૧૦.૫૧ | |
| ૩૧ | | | | લાલવે | ૩૩.૪૧૦.૫૧ |
| ૫૭૫. | | | | શેડ | ધારો.અભ્યા |
| ૩૯૬૩૩ | | | | ૦૫૨ | સ |
| ૫૩૩૮ | | | | ૭૩૮૨ | ચેલેભાસો |
| એમ.ટી. | | | | ૭૩૮૨ | વાડી |
| એક૨ | | | | ૭૩૮૨ | યોગી |
| ૫૭૫ | | | | ૭૩૮૨ | બીટ |
| | | | | | ગી.વિન. |
| | | | | | ગી.વિન. |
| | | | | | ૦૫૪ |

| | | | | | | | | | | | | | |
|--|--------|--|---|--|--|--|--|--|--|--|--|--|--|
| | 133978 | | 217512 અસ્તી અસ્પેક્ટ - 22.33 6.383 દ્વારા 00.04 22641. | | | | | | | | | | |
| | | | | | | | | | | | | | |

| COLOUR | ACCIDENT TYPE |
|-------------|----------------|
| 2 | FATAL ACCIDENT |
| 1,3,4,6,8,9 | MINOR INJURY |
| 5,7 | MAJOR INJURY |



4.5SUMMURY

In this chapter data analysis is presented in terms of pie chart and table for the classified traffic volume count data analysis and spot speed data analysis. This chapter is most important part of the research because the evaluations of traffic safety based on this data analysis.

CHAPTER 5 DATA ANALYSIS AND RESULTS

5.1 GENERAL

Data analysis is important part of the thesis to accomplish the objective with proper effectiveness. For evaluation of traffic safety using time to collision required length of vehicle to get the accurate outcome. Data analysis portion is giving the idea about the traffic pattern, speed, vehicle headway etc. at different two stretches. After data collection and data analysis, to find out the value of time to collision for all the vehicle like, two wheelers, three wheelers, rickshaw etc.

Table 5.1 vehicle dimensions

| Vehicle Type | Length (m) | Width (m) | Area (m ²) |
|---------------------------------|------------|-----------|------------------------|
| Standard Car (CS) | 3.72 | 1.44 | 5.36 |
| Big Car (CB) | 4.58 | 1.77 | 8.11 |
| Light Commercial Vehicles (LCV) | 4.30 | 1.56 | 6.71 |
| High Commercial Vehicles (HCV) | 6.70 | 2.30 | 15.41 |
| Multi Axle Vehicles (MAV) | 11.50 | 2.42 | 27.83 |
| Two-Wheeler (TW) | 1.97 | 0.74 | 1.46 |
| Auto (3W) | 3.20 | 1.30 | 4.16 |
| Bus (B) | 10.60 | 2.40 | 25.44 |

5.2 TIME TO COLLISION DATA

MIDDEL PART - (TIME - 8:00 TO 9:00 AM)

(DATE - 26/01/2022)WEDNESDAY

| MIN | car/jeep/van sec | two wheeler sec | rickshaw sec |
|-----|---------------------|--------------------|-----------------|
| 1 | 8.01 | 4.04 | 6.42 |
| 2 | 8.51 | 3.99 | 6.68 |
| 3 | 6.62 | 5.34 | 5.23 |
| 4 | 21.31 | 1.48 | 15.98 |
| 5 | 10.77 | 3.07 | 8.65 |
| 6 | 10.91 | 3.03 | 8.75 |
| 7 | 5.78 | 6.28 | 4.49 |
| 8 | 8 | 4.29 | 6.4 |
| 9 | 8.72 | 3.89 | 7 |
| 10 | 11.36 | 2.89 | 9.11 |
| 11 | 6.48 | 5.48 | 5.1 |
| 12 | 18.07 | 1.76 | 13.91 |
| 13 | 9.74 | 3.43 | 7.83 |
| 14 | 18.06 | 1.76 | 13.9 |
| 15 | 11.36 | 2.89 | 9.11 |
| 16 | 5.73 | 6.34 | 4.45 |
| 17 | 18.38 | 1.73 | 14.11 |
| 18 | 10.91 | 3.03 | 8.75 |
| 19 | 8.7 | 3.9 | 6.98 |
| 20 | 10.91 | 3.03 | 8.75 |
| 21 | 9.53 | 3.52 | 7.66 |
| 22 | 6.17 | 5.8 | 4.84 |
| 23 | 10.83 | 3.05 | 8.69 |
| 24 | 6.01 | 5.99 | 4.7 |
| 25 | 8.67 | 3.91 | 6.96 |
| 26 | 12.88 | 2.53 | 10.25 |
| 27 | 11.36 | 2.89 | 9.11 |
| 28 | 6.37 | 5.59 | 5.01 |
| 29 | 6.15 | 5.83 | 4.82 |
| 30 | 7.77 | 4.43 | 6.21 |

| | | | |
|-------|--------|--------|--------|
| 31 | 5.82 | 6.22 | 4.53 |
| 32 | 10.91 | 3.03 | 8.75 |
| 33 | 4.48 | 8.62 | 3.33 |
| 34 | 7.52 | 4.6 | 6 |
| 35 | 10.42 | 3.19 | 8.37 |
| 36 | 6.37 | 5.59 | 5.01 |
| 37 | 5.82 | 6.22 | 4.53 |
| 38 | 7.52 | 4.6 | 6 |
| 39 | 6.26 | 5.7 | 4.92 |
| 40 | 10.83 | 3.05 | 8.69 |
| 41 | 7 | 5 | 5.55 |
| 42 | 11.28 | 2.92 | 9.04 |
| 43 | 6.42 | 5.53 | 5.06 |
| 44 | 3.85 | 10.51 | 2.75 |
| 45 | 7.59 | 4.55 | 6.06 |
| 46 | 4.15 | 9.52 | 3.02 |
| 47 | 12.16 | 2.69 | 9.71 |
| 48 | 5.22 | 7.1 | 4 |
| 49 | 20.9 | 1.51 | 15.73 |
| 50 | 6.88 | 5.11 | 5.45 |
| 51 | 3.83 | 10.61 | 2.73 |
| 52 | 6.21 | 5.76 | 4.87 |
| 53 | 7.52 | 4.6 | 6 |
| 54 | 7.56 | 4.58 | 6.03 |
| 55 | 8 | 4.29 | 6.4 |
| 56 | 12.16 | 2.69 | 9.71 |
| 57 | 6.76 | 5.21 | 5.35 |
| 58 | 5.11 | 7.3 | 3.89 |
| 59 | 10.83 | 3.05 | 8.69 |
| 60 | 7.32 | 4.75 | 5.83 |
| TOTAL | 540.95 | 273.38 | 426.12 |
| | | | 1240.5 |

MIDDEL PART - (TIME - 6:00 TO 7:00 PM)**(DATE - 26/01/2022)WEDNESDAY**

| MIN | car/jeep/van | two wheeler | rickshaw |
|------------|---------------------|--------------------|-----------------|
| 1 | 1.21 | 2.6 | 6.35 |
| 2 | 0.67 | 1.87 | 5.67 |
| 3 | 1.56 | 3.56 | 3.9 |
| 4 | 0.48 | 2.67 | 4.68 |
| 5 | 2.56 | 1.78 | 4.78 |
| 6 | 1.9 | 18.75 | 1.65 |
| 7 | 3.78 | 1.89 | 3.68 |
| 8 | 4.35 | 7.41 | 4.41 |
| 9 | 2.36 | 13.88 | 2.25 |
| 10 | 2.41 | 13.15 | 2.24 |
| 11 | 1.25 | -1.14 | 0.75 |
| 12 | 1.96 | 11.04 | 1.6 |
| 13 | 2.54 | 7.79 | 2.48 |
| 14 | 3 | 6.62 | 3.56 |
| 15 | 2.61 | 7.86 | 2.42 |
| 16 | 3.94 | 0.2 | 4.05 |
| 17 | 1.81 | 10.92 | 1.82 |
| 18 | 7.28 | 2.54 | 7.77 |
| 19 | 5.95 | 3.44 | 6.52 |
| 20 | 7.4 | 2.53 | 8.68 |
| 21 | 6.4 | 3.42 | 7.49 |
| 22 | 3.56 | 0.22 | 2.49 |
| 23 | 6.56 | 2.89 | 8.38 |
| 24 | 3.59 | 0.8 | 3.71 |
| 25 | 5.69 | 3.34 | 6.45 |
| 26 | 8.35 | 2.33 | 2.82 |
| 27 | 7.37 | 1.42 | 2.34 |
| 28 | 4.36 | 4.62 | 4.76 |
| 29 | 3.71 | 0.8 | 1.81 |
| 30 | 5.67 | 3.94 | 5.83 |

| | | | |
|-------|-------|--------|--------|
| 31 | 3.55 | 5.16 | 4.15 |
| 32 | 7.58 | 2.79 | 2.61 |
| 33 | 3.08 | -0.27 | 3.21 |
| 34 | 5.57 | 4.1 | 5.44 |
| 35 | 6.7 | 3.61 | 6.62 |
| 36 | 3.7 | 5.15 | 4.41 |
| 37 | 3.96 | 0.46 | 1.79 |
| 38 | 4.71 | 4.44 | 5.62 |
| 39 | 4.49 | -0.46 | 3.05 |
| 40 | 6.76 | 2.89 | 8.11 |
| 41 | 4.88 | 4.7 | 5.48 |
| 42 | 7.42 | 2.64 | 8.5 |
| 43 | 4.7 | 4.96 | 4.76 |
| 44 | 2.39 | 0.23 | 1.88 |
| 45 | 5.46 | 4.06 | 5.77 |
| 46 | 2.94 | 0.23 | 4.4 |
| 47 | 7.86 | 3.78 | 6.08 |
| 48 | 3.82 | 1.31 | 1.93 |
| 49 | 1.79 | 11.43 | 1.63 |
| 50 | 4.93 | 4.42 | 5.06 |
| 51 | 2.66 | 2.57 | 7.99 |
| 52 | 4.29 | -0.46 | 2.88 |
| 53 | 4.36 | 4.35 | 5.49 |
| 54 | 5.37 | 4.17 | 5.49 |
| 55 | 5.47 | 3.87 | 5.63 |
| 56 | 8.14 | 3.48 | 6.39 |
| 57 | 4.76 | 4.49 | 4.61 |
| 58 | 3.06 | 0.65 | 3.91 |
| 59 | 7.2 | 2.99 | 7.94 |
| 60 | 4.75 | 4.12 | 5.66 |
| total | 313.2 | 291.66 | 271.85 |
| | | | 8288.1 |

MIDDEL PART - (TIME - 8:00 TO 9:00 AM)**(DATE - 26/01/2022)WEDNESDAY**

| MIN | car/jeep/van | two wheeler | rickshaw |
|-----|--------------|-------------|----------|
| 1 | 6.46 | 4.47 | 5.57 |
| 2 | 15.78 | 2.67 | 3.72 |
| 3 | 2.9 | 1.78 | 2.83 |
| 4 | 13 | 3.54 | 1.67 |
| 5 | 8.14 | 3.73 | 4.94 |
| 6 | 2.9 | 3.56 | 4.51 |
| 7 | 4.92 | 2.78 | 3.92 |
| 8 | 2.69 | 2.4 | 3.61 |
| 9 | 2.77 | 0.98 | 3 |
| 10 | 2.47 | 1.86 | 3.55 |
| 11 | 5.42 | 2.21 | 4.33 |
| 12 | 12.66 | 1.88 | 3.56 |
| 13 | 2.77 | 1.16 | 2.76 |
| 14 | 11.71 | 1.13 | 2.8 |
| 15 | 3.24 | 0.18 | 2.01 |
| 16 | 12.56 | 1.75 | 3.68 |
| 17 | 11.85 | 2.6 | 4.72 |
| 18 | 2.56 | 1.86 | 3.38 |
| 19 | 13.65 | 4.77 | 5.79 |
| 20 | 2.9 | 1.34 | 4.57 |
| 21 | 12.65 | 3.66 | 5.2 |
| 22 | 2.75 | 3.62 | 4.67 |
| 23 | 3.89 | 0.91 | 2.42 |
| 24 | 5.09 | 2.02 | 3.71 |
| 25 | 15.74 | 4.85 | 5.89 |
| 26 | 2.62 | 1.39 | 2.73 |
| 27 | 2.67 | -0.3 | 2.63 |
| 28 | 5.35 | 2.49 | 3.71 |
| 29 | 3.21 | 0.19 | 1.44 |
| 30 | 2.34 | 0.88 | 1.61 |

| | | | |
|-------|--------|--------|--------|
| 31 | 4.96 | 1.61 | 2.85 |
| 32 | 15.26 | 3.07 | 3.52 |
| 33 | 3.95 | 0.54 | 1.9 |
| 34 | 13.67 | 3.88 | 5.02 |
| 35 | 2.72 | 1 | 2.43 |
| 36 | 5.35 | 2.33 | 3.16 |
| 37 | 4.96 | 1.74 | 2.47 |
| 38 | 2.72 | 0.7 | 1.53 |
| 39 | 10.59 | 2.82 | 3.29 |
| 40 | 3.24 | 0.02 | 1.16 |
| 41 | 5.78 | 2.66 | 3.21 |
| 42 | 2.7 | 1.96 | 1.94 |
| 43 | 12.5 | 2.84 | 3.32 |
| 44 | 3.45 | 1.39 | 1.2 |
| 45 | 13.58 | 2.95 | 3.99 |
| 46 | 14.67 | 4.01 | 4.2 |
| 47 | 8.91 | 6 | 6.43 |
| 48 | 17.56 | 2.62 | 2.94 |
| 49 | 14.4 | 1.34 | 1.96 |
| 50 | 5.7 | 2.53 | 2.72 |
| 51 | 3.43 | 2.58 | 2.63 |
| 52 | 5.24 | 2.18 | 2.54 |
| 53 | 18.38 | 2.83 | 2.97 |
| 54 | 2.32 | -0.46 | -0.84 |
| 55 | 2.85 | 2.37 | 2.6 |
| 56 | 8.91 | 6.04 | 5.62 |
| 57 | 13.86 | 4.16 | 4.12 |
| 58 | 4.43 | 1.61 | 1.8 |
| 59 | 16.49 | 3.11 | 2.12 |
| 60 | 3.9 | 1.06 | 0.91 |
| TOTAL | 444.25 | 189.88 | 249.81 |
| | | | 4603.4 |

MIDDEL PART - (TIME - 6:00 TO 7:00 PM)**(DATE - 26/01/2022)WEDNESDAY**

| MIN | car/jeep/van | two wheeler | rickshaw |
|-----|--------------|-------------|----------|
| 1 | 5.7 | 5.97 | 5.93 |
| 2 | 6.17 | 5.81 | 5.69 |
| 3 | 3.79 | 2.78 | 3.78 |
| 4 | 5.42 | 6.81 | 6.64 |
| 5 | 5.91 | 6.13 | 5.99 |
| 6 | 8.43 | 4.04 | 3.99 |
| 7 | 6.79 | 5.19 | 5.1 |
| 8 | 8.75 | 3.88 | 3.82 |
| 9 | 8.62 | 3.94 | 3.89 |
| 10 | 9.15 | 3.69 | 3.64 |
| 11 | 6.58 | 5.39 | 5.28 |
| 12 | 4.89 | 2.78 | 2.76 |
| 13 | 8.62 | 3.94 | 3.89 |
| 14 | 5.5 | 6.67 | 6.52 |
| 15 | 8 | 4.29 | 4.23 |
| 16 | 6.8 | 5.18 | 5.08 |
| 17 | 5.49 | 6.69 | 6.53 |
| 18 | 5.67 | 6.44 | 6.29 |
| 19 | 4.37 | 8.93 | 8.65 |
| 20 | 8.43 | 4.04 | 3.99 |
| 21 | 6.04 | 5.97 | 5.84 |
| 22 | 8.65 | 3.93 | 3.87 |
| 23 | 5.35 | 6.91 | 6.74 |
| 24 | 6.71 | 5.26 | 5.16 |
| 25 | 9.8 | 3.41 | 3.37 |
| 26 | 8.88 | 3.81 | 3.76 |
| 27 | 4.76 | 3.21 | 7.77 |
| 28 | 6.61 | 5.36 | 5.26 |
| 29 | 5.37 | 6.88 | 6.71 |
| 30 | 9.43 | 3.56 | 3.52 |

| | | | |
|-------|--------|--------|--------|
| 31 | 6.77 | 5.21 | 5.11 |
| 32 | 4.27 | 9.2 | 8.9 |
| 33 | 7.35 | 4.73 | 4.65 |
| 34 | 6.34 | 5.63 | 5.51 |
| 35 | 8.7 | 3.9 | 3.85 |
| 36 | 6.61 | 5.36 | 5.26 |
| 37 | 6.77 | 5.21 | 5.11 |
| 38 | 8.7 | 3.9 | 3.85 |
| 39 | 6.64 | 5.33 | 5.23 |
| 40 | 5.89 | 6.15 | 6.01 |
| 41 | 6.45 | 5.51 | 5.4 |
| 42 | 5.79 | 6.28 | 6.13 |
| 43 | 6.59 | 5.37 | 5.27 |
| 44 | 7.77 | 4.44 | 4.37 |
| 45 | 6.33 | 5.64 | 5.53 |
| 46 | 7.56 | 4.58 | 4.51 |
| 47 | 5.79 | 6.27 | 6.13 |
| 48 | 6.99 | 5.01 | 4.92 |
| 49 | 5.42 | 6.8 | 6.63 |
| 50 | 6.48 | 5.48 | 5.38 |
| 51 | 7.79 | 4.42 | 4.35 |
| 52 | 6.65 | 5.32 | 5.22 |
| 53 | 5.37 | 6.88 | 6.71 |
| 54 | 9.46 | 3.55 | 3.5 |
| 55 | 8.5 | 4.01 | 3.95 |
| 56 | 5.79 | 6.27 | 6.13 |
| 57 | 4.68 | 8.17 | 7.94 |
| 58 | 7.04 | 4.97 | 4.88 |
| 59 | 8.36 | 4.08 | 4.02 |
| 60 | 4.89 | 2.65 | 7.52 |
| TOTAL | 406.62 | 311.41 | 315.71 |
| | | | 2686.7 |

MIDDEL PART - (TIME - 8:00 TO 9:00 AM)**(DATE - 27/01/2022)THURSDAY**

| MIN | car/jeep/van | two wheeler | rickshaw |
|-----|--------------|-------------|----------|
| 1 | 7.77 | 2.3 | 4.53 |
| 2 | 8.43 | 4.04 | 6.61 |
| 3 | 5.7 | 3.76 | 3.76 |
| 4 | 7.08 | 4.94 | 5.52 |
| 5 | 3.19 | 3.6 | 7.32 |
| 6 | 8.46 | 3.95 | 4.76 |
| 7 | 9.5 | 3.48 | 7.53 |
| 8 | 7.34 | 4.62 | 7.54 |
| 9 | 4.75 | 7.81 | 3.65 |
| 10 | 6.45 | 4.03 | 3.33 |
| 11 | 9.12 | 2.51 | 6.56 |
| 12 | 3.4 | 3.18 | 2.57 |
| 13 | 5.67 | 5.6 | 3.4 |
| 14 | 7.05 | 2.83 | 4.81 |
| 15 | 7.27 | 3.03 | 5.08 |
| 16 | 9.27 | 2.07 | 6.14 |
| 17 | 6.84 | 4.13 | 4.31 |
| 18 | 8.01 | 2.81 | 1.93 |
| 19 | 2.27 | 1.18 | 2.21 |
| 20 | 8.19 | 3.17 | 3.08 |
| 21 | 7.55 | 2.58 | 6.66 |
| 22 | 7.08 | 3.32 | 2.19 |
| 23 | 2.95 | 1.54 | 3.2 |
| 24 | 8.76 | 2.16 | 6.54 |
| 25 | 6.97 | 3.96 | 4.55 |
| 26 | 6.07 | 4.16 | 3.02 |
| 27 | 6.53 | 2.5 | 3.44 |
| 28 | 8.59 | 2.29 | 8.23 |
| 29 | 8.67 | 2.48 | 5.39 |
| 30 | 5.72 | 4.41 | 7.46 |

| | | | |
|-------|--------|--------|--------|
| 31 | 8.63 | 1.81 | 6.51 |
| 32 | 7.31 | 2.92 | 6.15 |
| 33 | 7.8 | 2.87 | 5.88 |
| 34 | 6.22 | 2.82 | 4.84 |
| 35 | 6.24 | 2.76 | 6.12 |
| 36 | 8.35 | 2.74 | 6.46 |
| 37 | 8.3 | 1.94 | 5.83 |
| 38 | 7.98 | 1.87 | 9.28 |
| 39 | 8.4 | 2.94 | 5.3 |
| 40 | 5.67 | 1.41 | 8.45 |
| 41 | 7.22 | 2.89 | 5.93 |
| 42 | 3.96 | 1.15 | 3.1 |
| 43 | 7.75 | 2.5 | 6.53 |
| 44 | 5.33 | 2.22 | 6.77 |
| 45 | 7.14 | 0.85 | 2.07 |
| 46 | 3.63 | 5.83 | 3.35 |
| 47 | 6.46 | 2.73 | 5.49 |
| 48 | 6.48 | 2.73 | 4.96 |
| 49 | 5.18 | 5.82 | 3.04 |
| 50 | 6.79 | 2.75 | 6.16 |
| 51 | 5.92 | 3.52 | 2.64 |
| 52 | 5.24 | 3.53 | 4.68 |
| 53 | 2.7 | 8.53 | 2.14 |
| 54 | 5.62 | 3.71 | 4.59 |
| 55 | 2.81 | 7.08 | 1.36 |
| 56 | 5.99 | 2.8 | 5.1 |
| 57 | 5.82 | 2.66 | 6.38 |
| 58 | 3.52 | 6.14 | 2.53 |
| 59 | 3.56 | 5.35 | 1.97 |
| 60 | 3.1 | 2.12 | 7.32 |
| TOTAL | 326.32 | 162.89 | 245.02 |
| | | | 1730.8 |

MIDDEL PART - (TIME - 6:00 TO 7:00 PM)**(DATE - 27/01/2022)THURSDAY**

| MIN | car/jeep/van | two wheeler | rickshaw |
|-----|--------------|-------------|----------|
| 1 | 3.46 | 2.41 | 2.99 |
| 2 | 5.56 | 4.56 | 5.06 |
| 3 | 3.12 | 2.12 | 2.62 |
| 4 | 6.24 | 5.24 | 5.66 |
| 5 | 1.15 | 0.15 | 0.58 |
| 6 | 4.26 | 3.26 | 3.67 |
| 7 | 5.12 | 4.12 | 4.54 |
| 8 | 4.13 | 3.01 | 3.63 |
| 9 | 4.18 | 1.02 | 3.63 |
| 10 | 3.98 | 1.98 | 3.4 |
| 11 | 5.26 | 3.35 | 4.7 |
| 12 | 2.19 | 0.19 | 1.5 |
| 13 | 4.18 | 1.67 | 3.46 |
| 14 | 6.15 | 3.84 | 5.45 |
| 15 | 4.45 | 1.73 | 3.63 |
| 16 | 5.11 | 3.12 | 4.26 |
| 17 | 6.16 | 4.56 | 5.22 |
| 18 | 3.18 | 1.03 | 2.33 |
| 19 | 2.78 | 0.54 | 1.8 |
| 20 | 4.26 | 2.6 | 3.18 |
| 21 | 5.67 | 2.81 | 4.7 |
| 22 | 4.17 | 2.16 | 2.98 |
| 23 | 2.16 | 0.16 | 0.97 |
| 24 | 5.17 | 3.06 | 3.96 |
| 25 | 6.01 | 4.23 | 4.66 |
| 26 | 4.08 | 2.07 | 2.92 |
| 27 | 3.15 | 1.03 | 1.69 |
| 28 | 5.24 | 3.41 | 4.13 |
| 29 | 2.56 | 0.66 | 1.01 |
| 30 | 3.88 | 1.77 | 2.45 |

| | | | |
|-------|--------|-------|--------|
| 31 | 5.13 | 3.2 | 3.87 |
| 32 | 3.55 | 1.62 | 2.03 |
| 33 | 4.78 | 2.29 | 3.02 |
| 34 | 6.1 | 3.85 | 4.82 |
| 35 | 4.15 | 2.33 | 2.48 |
| 36 | 5.24 | 2.9 | 3.61 |
| 37 | 5.13 | 2.9 | 3.33 |
| 38 | 4.15 | 2.6 | 2.88 |
| 39 | 5.22 | 3.14 | 3.04 |
| 40 | 3.55 | 1.55 | 1.47 |
| 41 | 5.35 | 3.05 | 3.4 |
| 42 | 3.14 | 0.92 | 1.39 |
| 43 | 5.25 | 3.32 | 3.34 |
| 44 | 6.2 | 3.66 | 3.82 |
| 45 | 5.44 | 3.48 | 4.06 |
| 46 | 4.67 | 3.09 | 2.42 |
| 47 | 5.88 | 3.35 | 3.42 |
| 48 | 4.99 | 2.49 | 2.8 |
| 49 | 6.23 | 4.5 | 3.66 |
| 50 | 5.33 | 3.12 | 3.13 |
| 51 | 4.55 | 2.48 | 2.63 |
| 52 | 6.22 | 4.07 | 3.94 |
| 53 | 4.99 | 3.31 | 2.31 |
| 54 | 6.33 | 4.23 | 4.31 |
| 55 | 4.23 | 1.8 | 1.22 |
| 56 | 5.88 | 3 | 3.34 |
| 57 | 2.97 | 1.29 | 0.85 |
| 58 | 4.96 | 3.25 | 1.82 |
| 59 | 4.29 | 2.12 | 1.73 |
| 60 | 1.92 | -0.05 | -0.34 |
| TOTAL | 272.83 | 154.7 | 242.88 |
| | | | 1208.8 |

MIDDLE PART - (TIME - 8:00 TO 9:00 AM)**(DATE - 27/01/2022)THURSDAY**

| MIN | car/jeep/van | two wheeler | rickshaw |
|-----|--------------|-------------|----------|
| 1 | 4.57 | 6.17 | 6.65 |
| 2 | 5.37 | 5.48 | 3.57 |
| 3 | 1.54 | 3.56 | 3.56 |
| 4 | 3.21 | 2.56 | 9.96 |
| 5 | 4.52 | 6.29 | 3.78 |
| 6 | 4.38 | 6.44 | 6.88 |
| 7 | 2.4 | 3.25 | 6.47 |
| 8 | 3.39 | 8.2 | 8.93 |
| 9 | 6.45 | 4.49 | 4.71 |
| 10 | 3.04 | 1.45 | 3.72 |
| 11 | 6.4 | 3.31 | 3.54 |
| 12 | 3.42 | 7.41 | 8.35 |
| 13 | 7.41 | 2.23 | 2.89 |
| 14 | 2.35 | 2.13 | 4.73 |
| 15 | 2.29 | 3.53 | 3.29 |
| 16 | 2.31 | 1.58 | 6.79 |
| 17 | 7.91 | 2.44 | 2.56 |
| 18 | 3.15 | 1.72 | 6.9 |
| 19 | 4.17 | 4.59 | 6.27 |
| 20 | 5.32 | 4.33 | 4.54 |
| 21 | 3.11 | 6.79 | 1.13 |
| 22 | 5.97 | 3.42 | 4.03 |
| 23 | 2.12 | 1.09 | 4.97 |
| 24 | 3.64 | 5.7 | 5.64 |
| 25 | 7.5 | 2.27 | 2.8 |
| 26 | 2.02 | 2.98 | 5.66 |
| 27 | 6.87 | 2.72 | 3.31 |
| 28 | 2.62 | 2.9 | 6.7 |
| 29 | 2.4 | 2.48 | 2.15 |
| 30 | 6.07 | 3.09 | 2.01 |

| | | | |
|-------|--------|--------|--------|
| 31 | 1.91 | 4.14 | 6.23 |
| 32 | 7.13 | 1.94 | 3.22 |
| 33 | 5.62 | 3.47 | 3.68 |
| 34 | 7.3 | 2.58 | 2.38 |
| 35 | 2.73 | 2.69 | 7.94 |
| 36 | 7.45 | 1.98 | 2.74 |
| 37 | 2.3 | 6.66 | 2.83 |
| 38 | 3.01 | 6.73 | 6.88 |
| 39 | 5.94 | 2.85 | 3.26 |
| 40 | 5.22 | 3.49 | 4.13 |
| 41 | 2.56 | 7.38 | 5.83 |
| 42 | 2.28 | 2.75 | 6.79 |
| 43 | 1.76 | 7.56 | 3.75 |
| 44 | 3.34 | 5.52 | 6.18 |
| 45 | 2.44 | 7.12 | 3.64 |
| 46 | 6.3 | 2.72 | 2.82 |
| 47 | 1.85 | 6.6 | 7.9 |
| 48 | 5.11 | 3.55 | 4.14 |
| 49 | 1.22 | 2.64 | 3.47 |
| 50 | 5.77 | 3.05 | 2.93 |
| 51 | 6.73 | 1.81 | 2.87 |
| 52 | 2.3 | 6.86 | 7.79 |
| 53 | 1.91 | 6.07 | 7.03 |
| 54 | 4.75 | 3.29 | 3.7 |
| 55 | 2.91 | 5.05 | 6.24 |
| 56 | 6.69 | 2.41 | 2.63 |
| 57 | 2.11 | 5.83 | 6.32 |
| 58 | 4.36 | 2.95 | 4.09 |
| 59 | 2.38 | 5.96 | 6.86 |
| 60 | 0.9 | 7.59 | 4.51 |
| TOTAL | 212.81 | 201.39 | 342.59 |
| | | | 1300 |

MIDDEL PART - (TIME - 6:00 TO 7:00 PM)**(DATE - 27/01/2022)THURSDAY**

| MIN | car/jeep/van | two wheeler | rickshaw |
|-----|--------------|-------------|----------|
| 1 | 2.31 | 2.42 | 2.17 |
| 2 | 3.21 | 3.31 | 3.01 |
| 3 | 3.27 | 3.37 | 3.07 |
| 4 | 2.9 | 3 | 2.7 |
| 5 | 2.43 | 2.53 | 2.23 |
| 6 | 4.36 | 4.46 | 4.16 |
| 7 | 2.3 | 2.4 | 2.1 |
| 8 | 3.76 | 3.86 | 3.56 |
| 9 | 5.16 | 5.32 | 5.03 |
| 10 | 1.77 | 1.56 | 1.46 |
| 11 | 1.34 | 1.45 | 1.07 |
| 12 | 3.32 | 3.8 | 3.47 |
| 13 | 8.35 | 2.21 | 7.6 |
| 14 | 1.52 | 0.86 | 1.3 |
| 15 | 3.25 | 3.69 | 3.22 |
| 16 | 1.6 | 1.49 | 1.02 |
| 17 | 4.82 | 5.12 | 5.44 |
| 18 | 1.5 | 1.15 | 1.61 |
| 19 | 2.89 | 2.9 | 2.65 |
| 20 | 4 | 4.14 | 3.67 |
| 21 | 2.04 | 2.13 | 2.37 |
| 22 | 2.63 | 2.7 | 2.54 |
| 23 | 1.45 | 1.45 | 0.62 |
| 24 | 2.45 | 2.28 | 2.44 |
| 25 | 5.13 | 5.7 | 4.7 |
| 26 | 1.52 | 1.49 | 0.98 |
| 27 | 2.42 | 2.25 | 2.37 |
| 28 | 1.89 | 2.16 | 1.46 |
| 29 | 3.12 | 3.35 | 2.96 |
| 30 | 2.67 | 2.71 | 2.64 |

| | | | |
|-------|--------|--------|--------|
| 31 | 1.39 | 1.29 | 0.98 |
| 32 | 5.38 | 5.55 | 4.97 |
| 33 | 4.52 | 4.31 | 4.17 |
| 34 | 5.52 | 5.51 | 5.12 |
| 35 | 2.36 | 2.29 | 1.31 |
| 36 | 6.27 | 6.48 | 6.3 |
| 37 | 2.61 | 2.84 | 1.42 |
| 38 | 2.65 | 2.57 | 2.36 |
| 39 | 4.54 | 4.73 | 4.23 |
| 40 | 7.06 | 7.39 | 6.63 |
| 41 | 2.13 | 2.45 | 2.26 |
| 42 | 2.25 | 1.99 | 1.83 |
| 43 | 2.48 | 2.36 | 2.04 |
| 44 | 3.13 | 3.2 | 2.6 |
| 45 | 2.36 | 2.45 | 1.96 |
| 46 | 4.88 | 4.97 | 4.89 |
| 47 | 1.5 | 1.43 | 0.58 |
| 48 | 4.59 | 4.73 | 4.25 |
| 49 | 1.16 | 0.16 | 0.64 |
| 50 | 8.14 | 9.03 | 8.35 |
| 51 | 1.2 | 1.78 | 1.27 |
| 52 | 2.55 | 2.1 | 1.94 |
| 53 | 2.2 | 2.23 | 2.41 |
| 54 | 8.24 | 8.58 | 7.77 |
| 55 | 3.06 | 2.77 | 2.39 |
| 56 | 2.37 | 2.77 | 2.6 |
| 57 | 3.41 | 3.97 | 3.75 |
| 58 | 2.93 | 3.15 | 1.9 |
| 59 | 2.58 | 1.5 | 2.45 |
| 60 | 2.47 | 2.85 | 2.77 |
| TOTAL | 165.59 | 162.03 | 233.72 |
| | | | 1104.6 |

5.3 TTC CALCULATION

$$TTC_i = \frac{TH_i \cdot v_i - VL_{i-1}}{v_i - v_{i-1}} \quad \forall v_i > v_{i-1}$$

CAR TO BIKE

Where, Total Vehicle headway (TH_i) = 1.56, car speed (v_i) = 36.61 kmph, bike speed (v_{i-1}) = 27.63, standard vehicle length of car (VL_{i-1}) = 3.7m, so as per the formula,

$$TTC_i = (1.56 * 36.61) - 3.7 / (36.61 - 27.63) = 5.95 \text{ sec}$$

BIKE TO CAR

Where, Total Vehicle headway (TH_i) = 2.42, bike speed (v_i) = 28.54 kmph, car speed (v_{i-1}) = 22.13, standard vehicle length of car (VL_{i-1}) = 3.2m, so as per the formula,

$$TTC_i = (2.42 * 28.54) - 3.2 / (28.54 - 22.13) = 10.28 \text{ sec}$$

RICKSHAW TO CAR

Where, Total Vehicle headway (TH_i) = 1.67, rickshaw speed (v_i) = 38.20 kmph, car speed (v_{i-1}) = 22.18, standard vehicle length of car (VL_{i-1}) = 1.87m, so as per the formula,

$$TTC_i = (1.67 * 38.20) - 1.87 / (38.20 - 22.18) = 3.86 \text{ sec}$$

RICKSHAW TO BIKE

Where, Total Vehicle headway (TH_i) =2.46, rickshaw speed (v_i)= 38.20 kmph, bike speed (v_{i-1})=27.63, standard vehicle length of car(VL_{i-1})=3.2m, so as per the formula,

$$TTC_i = \frac{(2.46 * 38.20) - 3.2}{(38.20 - 27.63)} = 8.59 \text{ sec}$$

CAR TO RICKSHAW

Where, Total Vehicle headway (TH_i) =2.49, car speed (v_i)= 22.18 kmph, rickshaw speed (v_{i-1})=38.20, standard vehicle length of car(VL_{i-1})=3.7m, so as per the formula,

$$TTC_i = \frac{(2.49 * 22.18) - 3.7}{(22.18 - 38.20)} = -3.22 \text{ sec}$$

BIKE TO RICKSHAW

Where, Total Vehicle headway (TH_i) =1.56, bike speed (v_i)= 34.44 kmph, rickshaw speed (v_{i-1})=21.43, standard vehicle length of car(VL_{i-1})=3.2m, so as per the formula,

$$TTC_i = \frac{(1.56 * 34.44) - 3.2}{(34.44 - 21.43)} = 3.88 \text{ sec}$$

TIME TO COLLISION (TTC) RESULT

Table 5.2 TTC Results

| SR NO | DATE | TIME | CAR TO BIKE | BIKE TO CAR | RICKSHAW TO CAR | RICKSHAW TO BIKE | BIKE TO RICKSHAW | CAR TO RICKSHAW |
|-------|----------------------|--------|-------------|-------------|-----------------|------------------|------------------|-----------------|
| 1 | 26/1/2021 Wednesday | 8-9 Am | 5.01 | -3.52 | 3.20 | 5.02 | 9.51 | 3.20 |
| 2 | 26/1 /2021 Wednesday | 6-7 Pm | 5.79 | -3.30 | 8.79 | 5.47 | 10.27 | 8.87 |
| 3 | 26/1/21 Wednesday | 6-7 Pm | 8.94 | -4.57 | 10.07 | 10.19 | 4.06 | 3.35 |
| 4 | 26/1/2021 Wednesday | 8-9 Am | 8.84 | 6.59 | -4.29 | 6.48 | 6.6 | 3.15 |
| 5 | 27/1/2021 Thursday | 6-7 pm | 6.22 | 5.61 | 8.42 | -4.43 | 8.40 | 7.77 |
| 6 | 27/1/2021 Thursday | 6-7 pm | 6.37 | 6.47 | 4.83 | 8.56 | 7.44 | -1.80 |
| 7 | 27/1/2021 Thursday | 8-9 am | 5.75 | 4.24 | 8.88 | -7.52 | 7.07 | 3.34 |
| 8 | 27/1/2021 Thursday | 8-9 am | 5.95 | 10.28 | 3.86 | 6.28 | 3.88 | -3.22 |

| SR NO | DATE | TIME | AVG. CAR TO CAR | AVG. BIKE TO BIKE | AVG. RICSHAW TO RICKSHAW | PCU/hr |
|-------|----------------------|--------|-----------------|-------------------|--------------------------|--------|
| 1 | 26/1/2021 Wednesday | 8-9 Am | 9.01 | 4.55 | 7.10 | 1270 |
| 2 | 26/1 /2021 Wednesday | 6-7 Pm | 6.78 | 5.19 | 5.26 | 1540 |
| 3 | 26/1/2021 Wednesday | 6-7 Pm | 4.34 | 3.98 | 4.53 | 1467 |
| 4 | 26/1/2021 Wednesday | 8-9 Am | 7.40 | 2.30 | 3.21 | 1123 |
| 5 | 27/1/2021 Thursday | 6-7 pm | 4.55 | 2.36 | 2.24 | 986 |
| 6 | 27/1/2021 Thursday | 6-7 pm | 3.17 | 3.38 | 3.22 | 957 |
| 7 | 27/1/2021 Thursday | 8-9 am | 5.74 | 3.44 | 4.71 | 947 |
| 8 | 27/1/2021 Thursday | 8-9 am | 3.01 | 4.28 | 4.78 | 1014 |

5.4SUMMARY

In this chapter data analysis is presented in terms of table for the classified vehicle headway data analysis and spot speed data analysis. This chapter is most important part of the research because the evaluation of time to collision is based on this data analysis and its results.

CHAPTER 6 CONCLUSION

6.1 CONCLUSION

An assessment approach for urban road traffic safety is proposed in this work to evaluate the incidence of vehicle crashes in various conditions. TTC sample data was collected in two locations on urban road. Following are the important conclusion that is drawn from the present study.

VEHICLE HEADWAY

RESULT:

Table 6.1 vehicle headway summary

| SR NO. | DATE | TIME | LOCATION | 4W | 2W | 3W |
|--------|------------|-----------------|-------------|-------|------|------|
| 1 | 26/01/2022 | 6:00 TO 7:00 PM | MIDDEL PART | 9.02 | 4.56 | 7.1 |
| 2 | 26/01/2022 | 6:00 TO 7:00 PM | MIDDEL PART | 7.47 | 6 | 7.67 |
| 3 | 26/01/2022 | 8:00 TO 9:00 AM | MIDDEL PART | 7.4 | 5.27 | 6.15 |
| 4 | 26/01/2022 | 8:00 TO 9:00 AM | MIDDEL PART | 8.69 | 4.41 | 4.33 |
| 5 | 27/01/2022 | 6:00 TO 7:00 PM | MIDDEL PART | 4.55 | 3.55 | 4.05 |
| 6 | 27/01/2022 | 6:00 TO 7:00 PM | MIDDEL PART | 5.9 | 6 | 5.67 |
| 7 | 27/01/2022 | 8:00 TO 9:00 AM | MIDDEL PART | 12.35 | 5.31 | 6.66 |
| 8 | 27/01/2022 | 8:00 TO 9:00 AM | MIDDEL PART | 9.11 | 6.58 | 6.85 |

PROPOSED DESIRABLE VEHICLE HEADWAY:

Table 6.2 proposed desirable vehicle headway

| Reference | Headway (s) | Critical situation |
|----------------------------------|---------------------|--|
| Ohta [33] | Between 1.1 and 1.7 | Comfortable |
| Ohta [33] | >0.6 | Danger |
| Taieb-Maimon and Shinar [34] | 0.7 | Minimum safe |
| Evans [35] & Michael et al. [32] | >2.0 | Should not be considered safe enough to prevent possible conflicts |

From the above table vehicle headways are laid in greater than 2 sec so it should not be considered safe enough to prevent possible conflicts.

TIME TO COLLISION (TTC)

RESULT:

Table 6.3 TTC result summary

| SR NO | DATE | TIME | CAR TO BIKE | BIKE TO CAR | RICKSHAW TO CAR | RICKSHAW TO BIKE | BIKE TO RICKSHAW | CAR TO RICKSHAW |
|-------|----------------------|--------|-------------|-------------|-----------------|------------------|------------------|-----------------|
| 1 | 26/1/2021 Wednesday | 8-9 Am | 5.01 | -3.52 | 3.20 | 5.02 | 9.51 | 3.20 |
| 2 | 26/1 /2021 Wednesday | 6-7 Pm | 5.79 | -3.30 | 8.79 | 5.47 | 10.27 | 8.87 |
| 3 | 26/1/21 Wednesday | 6-7 Pm | 8.94 | -4.57 | 10.07 | 10.19 | 4.06 | 3.35 |
| 4 | 26/1/2021 Wednesday | 8-9 Am | 8.84 | 6.59 | -4.29 | 6.48 | 6.6 | 3.15 |
| 5 | 27/1/2021 Thursday | 6-7 pm | 6.22 | 5.61 | 8.42 | -4.43 | 8.40 | 7.77 |
| 6 | 27/1/2021 Thursday | 6-7 pm | 6.37 | 6.47 | 4.83 | 8.56 | 7.44 | -1.80 |
| 7 | 27/1/2021 Thursday | 8-9 am | 5.75 | 4.24 | 8.88 | -7.52 | 7.07 | 3.34 |
| 8 | 27/1/2021 Thursday | 8-9 am | 5.95 | 10.28 | 3.86 | 6.28 | 3.88 | -3.22 |

MINIMUM AND DESIRABLE TTC THRESHOLD VALUE

Table 6.4 TTC threshold values

| Reference | Minimum (s) | Desirable (s) | Condition |
|---|----------------|------------------|---|
| Van der Horst [16] | 1 | 1.5 | Approaches at intersections |
| Sayed et al. [15] | 1.6 00 | 2.0 0.9 | Low level of conflict High level of conflict |
| Hogema and Janssen [17] | – | 3.5 | Non-supported drivers |
| Hogema and Janssen [17] | – | 2.6 | Supported drivers |
| Vogel [14] | 1 | 2 | Approaches at intersections |
| Meng and Qu [18] | 2 | 4 | Urban Road Tunnel (rear end crash) |
| Huang et al. [7] | | 1.6 | Signalized Intersection |
| Sayed et al. [1] | | 3 | Signalized Intersection |
| AASHTO [19]; Farah et al. [20] & Hegeman [21] | | 3 | For 2-lane rural roads |

TTC values are greater than 3.5 sec so it is non - supported to drivers. Mostly minimum TTC values are occurring in car to bike and bike to car categories.

6.2 FUTURE SCOPE

- Evaluation of time to collision (TTC) value is very important for accident analysis, traffic safety, signal design and coordination, and traffic flow models.

CHAPTER 7 REFERANCES

7.1 JOURNAL ARTICLE

- Shaw-Pin Miaou and Harry Lum, “Modeling vehicle accidents and highway geometric design relationships” Center for Transportation Analysis, U.S. Department of Transportation – 1993
- Michiel M. Minderhoud and Piet H.L. Bovy, “Extended time-to-collision measures for road traffic safety assessment “Accident Analysis and Prevention- Elsevier - 2001
- katja vogel , “A comparison of headway and time to collision as safety indicators” Accident Analysis and Prevention-Elsevier - 2003
- Ching-tang hsieh, eugene lai and you-chuang wang, “Robust Speaker Identification System Based on Wavelet Transform and Gaussian Mixture Model” Journal of information science and engineering-research gate - 2003
- Zhenyu Xiong, Thomas Fang Zheng , Zhanjiang Song , Frank Soong , Wenhu Wu, “A tree-based kernel selection approach to efficient Gaussian mixture model– universal background model based speaker identification” Speech Communication- Elsevier - 2006
- Soo Chang Kim and Tae Jin Kang, “Texture classification and segmentation using wavelet packet frame and Gaussian mixture model” Pattern Recognition- Elsevier – 2007
- Sheng Jin, Dian-Hai Wang, and Xi-Rui Yang, “Non-Lane-Based Car-Following Model with Visual Angle Information” Journal of the Transportation Research Board – 2011
- Sheng Jin, zhi-yi Huang , peng-fei Tao , dian-hai Wang, “Car-following theory of steady-state traffic flow using time-to-collision” Journal of Zhejiang University- SCIENCE A (Applied Physics & Engineering) – 2011
- Sheng Jin, Xiaobo Qu, Dianhai Wang, “Assessment of Expressway Traffic Safety Using Gaussian Mixture Model based on Time to Collision” International Journal of Computational Intelligence Systems – 2011

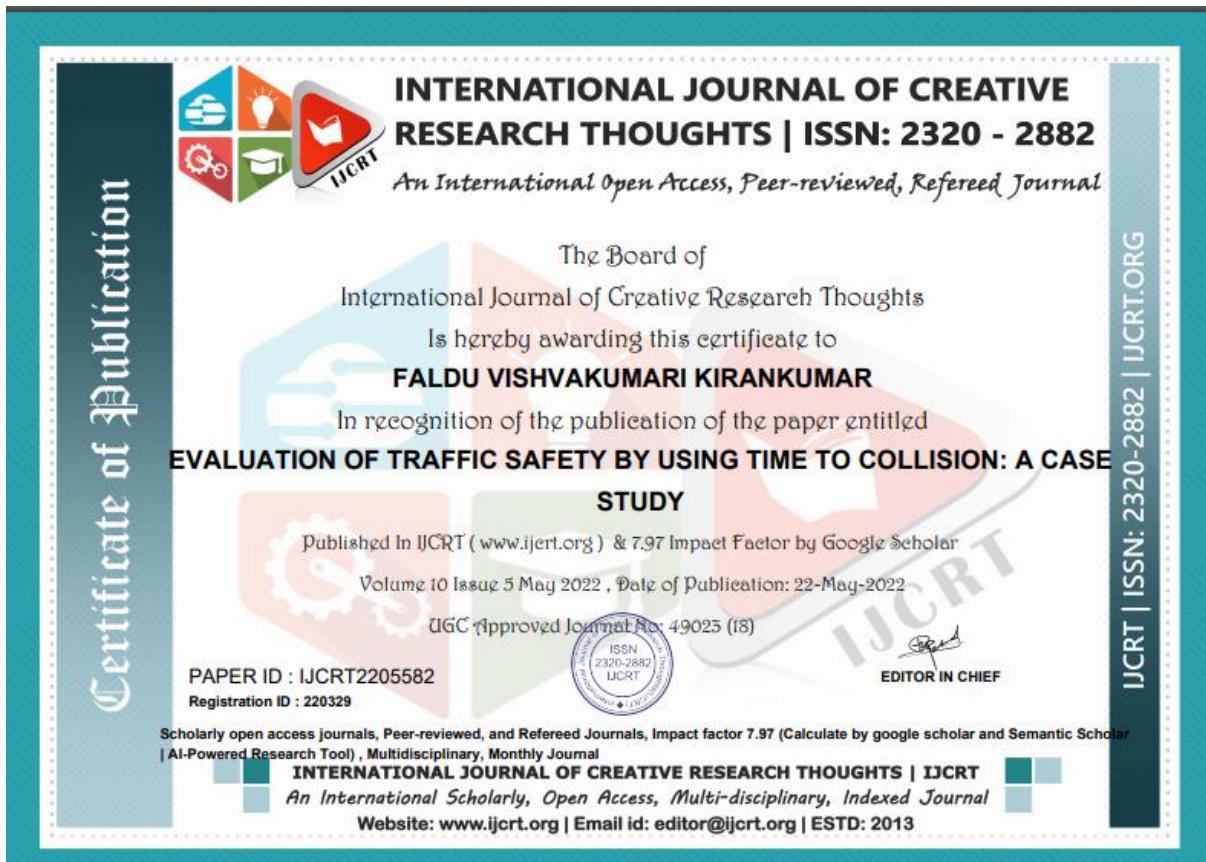
- Wim Van Winsum and Adriaan Heino, “Choice of time-headway in car-following and the role of time-to-collision information in braking” Ergonomics- Taylor & Francis – 2014
- S.M. Sohel Mahmud, Luis Ferreira, Md. Shamsul Hoque, and Ahmad Tavassoli “Application of proximal surrogate indicators for safety evaluation: A review of recent developments and research needs” – science direct – 2016

7.1 IMPORTANT LINKS

- <https://opentransportationjournal.com/VOLUME/13/PAGE/65/FULLTEXT/>
- https://en.wikipedia.org/wiki/Traffic_collisions_in_India
- <https://timesofindia.indiatimes.com/city/rajkot/eight-accidents-occurred-on-city-roads-daily-in-2019/articleshow/74558105.cms>
- <https://timesofindia.indiatimes.com/city/ahmedabad/22-decrease-in-road-accidents-in-gujarat/articleshow/80438467.cms>
- <https://timesofindia.indiatimes.com/city/ahmedabad/50-of-accident-victims-between-18-and-35-yrs-old/articleshow/70220227.cms>
- https://en.wikipedia.org/wiki/Road_collision_types

ANNEXURE 1

PAPER PUBLICATION CERTIFICATE



ANNEXURE 2

PAPER PUBLICATION CERTIFICATE

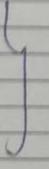
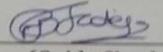


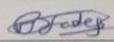
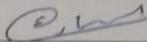
ANNEXURE 3

REVIEW CARD

|  | ATMIYA UNIVERSITY FACULTY OF ENGINEERING & TECHNOLOGY | | | | | | | | | | | | |
|---|--|----------------------------|-------------------------------|------------------------------|--------|-------------------------------|-------------|----------------------|------------------|--|-----------|-------------------------|--------------|
| Master of Technology <u>(Dissertation Review Card)</u> | | | | | | | | | | | | | |
| Name of Student : Faldu vishvakumari kisanikumar | | | | | | | | | | | | | |
| Enrollment No. : 2 0 0 0 4 1 0 0 4 | | | | | | | | | | | | | |
| Student's Mail ID:- vishvafaldu1997@gmail.com | | | | | | | | | | | | | |
| Student's Contact No. : 8128155204 | | | | | | | | | | | | | |
| College Name : Atmiya university | | | | | | | | | | | | | |
| College Code : 0 5 1 | | | | | | | | | | | | | |
| Branch Name : Transportation Engg.(civil) | | | | | | | | | | | | | |
| Theme of Title : Traffic Engineering | | | | | | | | | | | | | |
| Title of Thesis : Evolution of Traffic safety By using gaussian mixture model based on time to collision : A case study. | | | | | | | | | | | | | |
| <table border="1"><thead><tr><th><u>Supervisor's Detail</u></th><th><u>Co-supervisor's Detail</u></th></tr></thead><tbody><tr><td>Name : Mr. Maywalsinh Jadeja</td><td>Name :</td></tr><tr><td>Institute : Atmiya university</td><td>Institute :</td></tr><tr><td>Institute Code : 051</td><td>Institute Code :</td></tr><tr><td>Mail Id : maywalsinh.jadeja@atmiya.uni.ac.in</td><td>Mail Id :</td></tr><tr><td>Mobile No. : 7874800084</td><td>Mobile No. :</td></tr></tbody></table> | | <u>Supervisor's Detail</u> | <u>Co-supervisor's Detail</u> | Name : Mr. Maywalsinh Jadeja | Name : | Institute : Atmiya university | Institute : | Institute Code : 051 | Institute Code : | Mail Id : maywalsinh.jadeja@atmiya.uni.ac.in | Mail Id : | Mobile No. : 7874800084 | Mobile No. : |
| <u>Supervisor's Detail</u> | <u>Co-supervisor's Detail</u> | | | | | | | | | | | | |
| Name : Mr. Maywalsinh Jadeja | Name : | | | | | | | | | | | | |
| Institute : Atmiya university | Institute : | | | | | | | | | | | | |
| Institute Code : 051 | Institute Code : | | | | | | | | | | | | |
| Mail Id : maywalsinh.jadeja@atmiya.uni.ac.in | Mail Id : | | | | | | | | | | | | |
| Mobile No. : 7874800084 | Mobile No. : | | | | | | | | | | | | |
| ~ 1 ~ | | | | | | | | | | | | | |

ANNEXURE 4

| ❖ Comments For Internal Review () | | (Semester 3) |
|------------------------------------|---|--|
| Exam Date : 26/11/2021 | | |
| Sr. No. | Comments given by Internal review panel (Please write specific comments) | Modification done based on Comments |
| | 1. Do proper formating |  Done |
| | 2. Add more statistics in Result or conclusion. | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | |  (Guide Sign.) |

| Particulars | Internal Review Panel | |
|------------------|---|---|
| | Expert 1 | Expert 2 |
| Name : | Mr. Mayuresh B. Jadhav | Mr. Ashish marshwala |
| Institute : | AC | AU |
| Institute Code : | — | — |
| Mobile No. : | 789800084 | 9994098377 |
| Sign : |  |  |

| Particulars | Internal Guide Details | |
|------------------|------------------------|----------|
| | Expert 1 | Expert 2 |
| Name : | | |
| Institute : | | |
| Institute Code : | | |
| Mobile No. : | | |
| Sign : | | |

~ 2 ~

ANNEXURE 5

Enrollment No. of Student:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 2 | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 4 |
|---|---|---|---|---|---|---|---|---|

❖ Comments of Dissertation Phase-1 () (Semester 3)

Exam Date: 17 / 12 / 21

Title: Evaluation of Traffic safety By using gaussian mixture model based on time to collision: A case study

1. Appropriateness of title with proposal. (Yes/ No) Yes

2. Whether the selected theme is appropriate according to the title ? (Yes / No) Yes

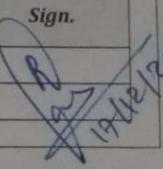
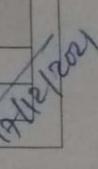
3. Justify rational of proposed research. (Yes/ No) Yes

4. Clarity of objectives. (Yes/ No) Yes

ANNEXURE 6

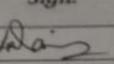
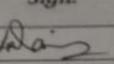
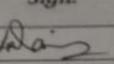
| Enrollment No. of Student : | | 2 0 0 0 4 1 0 0 4 |
|---|---|---|
| Exam Date : 17 / 12 / 21 | | |
| Sr. No. | Comments given by External Examiners (DP-I) : (Please write specific comments) | Modification done based on Comments |
| | | |
| 1. | Prepare methodology of the project | Done |
| 2. | Identify the model as soon as possible | Done |
| | | |
| | | |
| | | |
| | | |
| | |  (Internal Guide Sign.) |
| <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Approved with suggested recommended changes <input type="checkbox"/> Not Approved | | Please tick on any one. If approved/approved with suggestion then put marks $\geq 50\%$. |

➤ Details of External Examiners :

| Particulars | Full Name | University / College Name & Code | Mobile No. | Sign. |
|-------------|--------------------------------------|----------------------------------|------------|---|
| Expert 1 | Mr. Akash Ravindra Sanket | Maharishi University 96872 | 00929 |  |
| Expert 2 | | Riyakat | |  19/12/2021 |

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ANNEXURE 7

| Enrollment No. of Student : 2 0 0 0 4 1 0 0 4 | | | | | | | | | | | | | | | | | |
|---|--|--|-------------|---|----------------------------------|------------|-------|----------|-----------------|-------------------|------------|---|----------|--|--|--|--|
| ❖ Comments of Mid Sem Review () (Semester 4) | | | | | | | | | | | | | | | | | |
| Exam Date : <u>3 / 3 / 2022</u> | | | | | | | | | | | | | | | | | |
| Sr. No. | Comments given by External Examiners : i) The appropriateness of the major highlights of work done; State here itself if work can be approved with some additional changes. ii) Main reasons for approving the work. iii) Main reasons if work is not approved. | Modification done based on Comments | | | | | | | | | | | | | | | |
| 1) | Represent Data in proper graphs. | Done | | | | | | | | | | | | | | | |
| 2) | Insufficient traffic volume data. | Done | | | | | | | | | | | | | | | |
| 3) | Do formatting as per guidelines. | Done | | | | | | | | | | | | | | | |
| | |  Internal Guide Sign. | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none"> ▪ Approved <input type="checkbox"/> ▪ Approved with suggested recommended changes <input checked="" type="checkbox"/> ▪ Not Approved <input type="checkbox"/> <p style="margin-top: 5px;">Please tick on any one. If approved/approved with suggestion then put marks $\geq 50\%$.</p> | | | | | | | | | | | | | | | | | |
| ➤ Details of External Examiners : <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Particulars</th> <th style="width: 30%;">Full Name</th> <th style="width: 30%;">University / College Name & Code</th> <th style="width: 10%;">Mobile No.</th> <th style="width: 10%;">Sign.</th> </tr> </thead> <tbody> <tr> <td>Expert 1</td> <td>JAY KIRT KALRAH</td> <td>FOE - MEGGI - 057</td> <td>9879470876</td> <td></td> </tr> <tr> <td>Expert 2</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | | | Particulars | Full Name | University / College Name & Code | Mobile No. | Sign. | Expert 1 | JAY KIRT KALRAH | FOE - MEGGI - 057 | 9879470876 |  | Expert 2 | | | | |
| Particulars | Full Name | University / College Name & Code | Mobile No. | Sign. | | | | | | | | | | | | | |
| Expert 1 | JAY KIRT KALRAH | FOE - MEGGI - 057 | 9879470876 |  | | | | | | | | | | | | | |
| Expert 2 | | | | | | | | | | | | | | | | | |

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ANNEXURE 8

ANNEXURE 9

PLAGRISUM CERTIFICATE



Document Information

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Submitted by Dr. Sheetal Tank
Submitter email librarian@atmiyauni.ac.in
Similarity 1%
Analysis address librarian.atmiya@analysis.urkund.com

Sources included in the report

| | | |
|-----------|---|---|
| SA | rta.docx Document rta.docx (D110356843) | 1 |
| SA | MP-INTRODUCTION -CORRECTED.docx Document MP-INTRODUCTION -CORRECTED.docx (D113290510) | 1 |
| SA | Thesis_kartik_mtech.pdf Document Thesis_kartik_mtech.pdf (D136607902) | 1 |

ANNEXURE 10

PLAGRISUM CERTIFICATE

| SR NO. | COMMENTS | COMPLIANCE |
|--------|---|---|
| | Internal Review | |
| 1 | Do proper formatting | Formatting is done |
| 2 | Add more statistics in results or conclusion | Statistics is added |
| | Dissertation Phase-1 | |
| 1 | Prepare methodology of the project | Methodology is added |
| 2 | Identify the model as soon as possible | Model is done |
| | Mid Semester Review | |
| 1 | Represent data in proper graph | Graphs are added |
| 2 | Insufficient traffic volume data | Traffic volume data are prepared |
| 3 | Do formatting as per guidelines. | Formatting is done |