



Accidental Issues In India- An Overview

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Abstract: Road accident is a global tragedy with ever rising trend. Lack of attention ,Reckless driving, Lack of proper protection , Speeding, Bad personal habits, social & behaviours toward traffic, mix traffic conditions are some of major problem causes accident it seems one road accident death every four minuets unfortunately, more than half of the victims are in the economically active age group of 25-65yrs. Many countries have curbed the menace of the road accident by adopting multipronged approached to road safety encompasses broad range of measure.

Keywords: Mix traffic, road safety, causes of accidents, lack of attention, accident prevention, law enforcement.

I. INTRODUCTION

Road traffic fatalities are forecast to increase over the next ten year from the current level more than 1.3 million to more than 1.9 million by2020. The commission for global road safety believes that the urgent priority to halt this applauding and avoidable rise in road injuries & then being to achive year on year reduction . The world could prevent 5 million death & 50 millions saviour injuries by 2020 by dramatically scaling up investment in road safety, at global, regional & national levels.

Each year nearly 1.3 million people die as a reason of a road traffic collation, more than 3000 death every day & more than half of this people are not travelling in a car. Twenty to fifty million more people sustain non-fatal injuries from a collision & this injuries are an important cause of disability worldwide. Ninety percent of traffic death cause in low or middle-income countries , which claim less than half world registered vehicle fleet. Road traffic accident are among three leading causes of death in world. resulting an estimated 2.4 million death each year. this is, in part ,a result to rapid increase in motorization without sufficient improvement in road safety strategies & land use planning

II. ROAD ACCIDENT SCENARIO IN INDIA

In India mobile phones & personalized vehicle are increseing with the same growth rate. As an estimed India have tht number of cars if put them together in a single lane. it will reach from new Delhi to Newyork . Projection of the presend trend of vehicle useage reveal a ugly & unsustainable both in terms of traffic congestion & safety. For instance while population of india increases by 17.64% over the past ten year .The number of liecence vehicle increase by 132% over a same period. According to official statistics, 430,654 people were killed in road traffic crashes in India in 2015(NCRB 2015). The situation in india is worsened in recent years. Traffic fatalities increased by about 5.5% per year from 2015 to 2016. This is attributable partly to an increase in number of vehicles,

& partly to absence of coordinated official policy to control the problem.

- **443** Death & **1301** injuries per day due to traffic accident
- **367**Death per day and **1290** injuries per day due to road accident.
- **77** Death per day by trucks Truck/lorry & **77** death by Two- wheelers

• Causes of accident.

1. Lack of attention.
2. Mix traffic conditions.
3. Lack of proper protection.
4. Speeding.
5. Bad personal habit.
6. Law enforcement.
7. Road conditions.
8. Vehicle condition.
9. Animals on roads.
10. Atmospheric condition.

1. Lack of attention –This is number one cause of accident while driving a car or riding a bike it is important to have full attention not only on road but also at culch, break, accelerator & gear. A minute mistake or lack of attention can cause a saviour damage or death also. Distraction by insects while driving also make lose in attention , eating while driving , talking on cell phones, lessening music at high volume, attention toward road side things , over exertion , dozing are some causes which make lack on attention or disturbance while driving and cause accident.

2. Mix traffic condition- As population increases day by day number of vehicle also increase & all vehicles that mean. Bicycle , motor cycle, car, trucks, heavy vehicles & e.t.c run on same road commonly .roads according too vehicle is not provided here which increase traffic on road & also possibility of accident because small vehicles try to



overtake large vehicles & sometime this overing may cause accident.

3. Lack of proper protection-By seeing the increment in road accidents some rules of protection is introduced by government in favour of public protection rules like wearing helmet while riding this reduces the risk of head injuries by around 69 % & death by around 42% & using seat belts while driving decreases the health injuries 25% to 60% .but very few people follow this rules so some fine are also introduced by IRT but still in many cities people are not following this rule which are made in their favour which make this rule of no use.

4. Speeding- first car was introduced by mr. henry ford which has a speed of 24km/hr but as time passes modification in vehicle started that is increase in their horse power ,in design, speed, safety. Today vehicle of tremendous speed is available in market & speed is one of the main causes for accident of youngster in today's generation. The faster we drive the slower reaction time will be if you need to prevent an accident.

5. Bad personal habit- Our personal behaviour & seriousness is important while driving a vehicles bad personal habits like consumption of alcohol ,drugs , behaviour toward traffic rules, lose of focus from road . Consumption of alcohol also affects PIEV theory it is one of main cause of accident. Simple solution for this is to avoid drinking or too have a driver if you are drunken

6. Law enforcement –Law enforcement is any system by which some members of society act in organized manner to enforce the law by discovering, deterring , rehabilitating ,or punishing peoples who violate the rules & norms governing that society although the terms may encompass entities such as court & prison it is most frequently applied to those who directly engage in patrols or surveillance to dissuade &discover criminal activity, & those who investigate crime & apprehend offenders a task typically carried out by police or another law enforcement agency.

7. Road condition –We all are totally aware with today's condition of road in India, potholes this are bowl-shaped opening in the road that can be up to 10inch deep & are caused by wear tyre & weathering of the road. They occur when the top layer of road , asphalt ,has worn away & exposed to concrete base once a pothole forms it can grow to several feet's with rain water accelerating the process & creating traps for vehicles ,making one the causes of accident

8. Vehicles condition-vehicle is machine its maintenance should be taken time to time otherwise its condition will go bad & bad day by day. Wear & tear of tyres which can blow out which can cause a saviour accident, maintains of break, clutch, shock-ups should be done

checking oil & other necessary maintenance should be done to avoid accident which occur due to this.

9. Animal crossing – Animals on road or crossing of animal on road is common scenario in India. In rainy season most of animals like cow, dog ,donkey come on roads & occupy space which reduce width of road & cojuct the flow of traffic & mostly in summer wild animal like deer, shuckers,& etc come on roads in search of water sudden appearance of animals on road can distract a attention can cause accident . apply of sudden breaks can also lose balance & accident may occurs .

10. Atmospheric condition- Atmosphere play an great role in riding or driving vehicle because it affect the visibility, grip or vehicle, strength of driver, condition of vehicle most accident occurs in rainy seasons. Fog it reduce visibility , limit contrast, distored ,perception & cause many accident, snow fall in some region of India & it is main cause of accident there it is important that how to drive vehicle when road are covered with white powder fluff .

III. CONCLUSION

As accident is a measure issue in today's time in India & its increasing day by day but it can be reduce by some simple methods like paying attention while driving, using of safety measures ,control on speed , avoiding bad habits , following & making other to follow traffic rules with this some little in our habits a big change can be made to occur.

REFERENCES

1. Justo & khanna ,mohan D, Tsimhoni O., sivak M.
2. Accidental deaths & suicide in india -2015. National crime records bureau . ministry of home affairs, govement of india ,2015
3. Indian road congress ,Highway safety wcode .