

Webinar on ROAD SAFETY WEEK

-By Sarju Nandan Patra

Conducted by

Institution of Safety Engineers (India)

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Welcome in Free Webinar Session on

Road Safety Week

on

16 Jan 2022, 4:00 PM to 5:00 PM



INSTITUTION OF SAFETY ENGINEERS (INDIA)



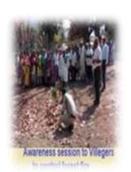
About us

Institution of Safety Engineers (India) is Non - Profitable organization set up in year 2012 under ZJEW Trust, Govt. Reg. No. 5240 and working with objective to prevent accident, protect environment & minimize losses during disaster. Institution of safety engineers (India) imparting safety, health, environment & quality related training to needy & provide similar services to industries, organization, institution to achieve zero harm.

MEMBERSHIP SERVICES



SAFETY HEALTH ENVIRONMENT RELATED TRAINING & SERVICES







JOURNAL PUBLICATION



OUR SPEAKER

Mr. Sarju Nandan Patra

Safety Professional at Shapoorji & Pallonji Group, Former Safety Engineer at Larsen & Toubro, Senior Member of Institute of Safety Engineers, State Level Award Winner for Health & Safety Quiz

Miss Pooja Dewangan: Bsc, Msc, SMISE Co-ordinator, Institution of Safety Engineers (India)

Lesson I

Objective of Road Safety Week

Lesson 2

Background of Road Safety Week

Lesson 3

Statistics Record

Lesson 4

Major Factors of Road Accidents.

Lesson 5

5

• Employer's Responsibility

Lesson 6

• Vehicle user Responsibility

Lesson 7

Pedestrian user responsibility

Lesson 8

Case Studies of some accidents

Lesson 9

Unsafe practices

Lesson 10

 Road Safety Celebration at work place & Safety Signage

Topics for discussion

WEBINAR ON ROAD SAFETY WEEK

☐This webinar is conducting on Occasion of National Road Safety Week 2022 with
objective to Safe and Sustainable Travel to promote road safety

□ Educate To people about road safety issues associated with how to keep them safe. It will also raise their awareness of the dangers encountered as a pedestrian, cyclist and passenger.

□ Everyone is a road user, therefore it is everyone's responsibility to stay safe no matter what their age.

WEBINAR ON ROAD SAFETY WEEK



Sadak Suraksha-Jeevan Raksha



"33rd Road Safety Week"

Objective of "Road Safety Week Celebration"

- The aim of celebrating road safety week is to promote the road safety measures in the community, schools, colleges, workplaces, on roads and etc.
- > To decrease and completely remove out the road accidents, road accident death, and injury cases by applying the road safety measures.
- > To encourage all the travellers to follow the traffic rules and wear helmets and seat belts while driving.
- To implement the new preventative measures which are proved to lessen the risk of road accidents, death or injury.
- > To aware the people about the speed limit of the vehicles to prevent road accidents.
- To maintain the speed and required distance from other vehicles
- To aware people that do not drink, do not drive when tired and do not use phones or radios while driving.

BACKGROUND OF ROAD SAFETY WEEK

- Celebrating the road safety campaign was initiated by the ISS (Indian Statistical Service) India HSE in order to make people aware of the national road safety in the Indian subcontinent. ISS India had declared to celebrate the Road Safety Week all through the country in the first week of the month of January. The aim of this campaign was to emphasize and accent people about the need for safe roads to travel by applying just simple rules
- According to the information, it has been noted that around one lakh people are getting killed per year in road accidents. Or some of them become a victim of the life-threatening problems such as mental shock, loss of memory, loss of hand or legs and so many for the whole life.
- Such conditions, especially in India, increase the importance and necessity of road safety measures. India has a huge population of road travelers such as two-wheelers, four-wheelers on the road, that's why they must know the road safety.

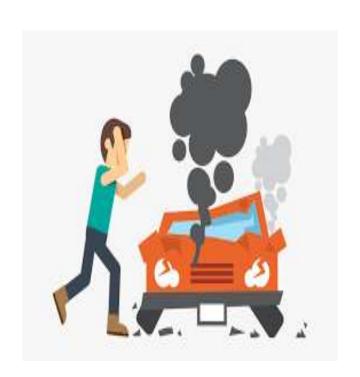
STATISTICAL RECORD

- ☐ Global death due to Road Accident = 13 lakh
- \square Non-fatal injuries = 2 to 5 crore people/ year
- \square Economical loss = 3% of total GDP of that country
- □ 90% of total death occurred in low & middle income nation like India & African countries.
- Road accidents are the leading cause of death for children and young generation between age 5 to 29.
- ☐ 73% males are killed every year in road accidents compare to 27% females.

Source: World Health Organization

MAJOR FACTORS OF ACCIDENTS

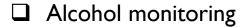
- Over Speed
- ☐ Driving under the influence of Drug or alcohol.
- Not using Helmets, Seat Belts and child restraints.
- ☐ Distracted driving (gossiping, Music, not focused)
- ☐ Using of Mobile phone increases 4 times the chance of accident.
- Poor Road conditions (pot holes, no shoulder, invisible marking, road studs, gradient & super elevation, speed breaker)
- Unsafe vehicles
- ☐ In-adequate law enforcement
- ☐ Incompetent driver (without DL)
- ☐ Stray Animal (23% cases increased in last 6 years)



EMPLOYER RESPONSIBILITIES

- ☐ Ensure Safe transportation of employees to & from workplace.
- Ensure all vehicles are regularly inspected and fit.
- ☐ All drivers are trained and medically fit.
- GPS tracking of vehicles speed as well as route mapping
- ☐ Implementing strict guidelines to use seatbelt and crash

helmet.





VEHICLE USER RESPONSIBILITIES

- Respect pedestrian, allow them first to cross road.
- > Follow lane discipline
- Read, understand & obey the signboards rule
- Check your vehicle critical conditions at least once in a day.
- Check vehicle safety features
- Don't drink & drive
- Always use low beam light during night
- Never modified your head lights
- Use seat belts / crash helmet
- ➤ Never overloaded your vehicle with too passenger / materials.
- Follow traffic signal
- Never use cell phone while driving. Park your vehicle at road side, before picking a call.



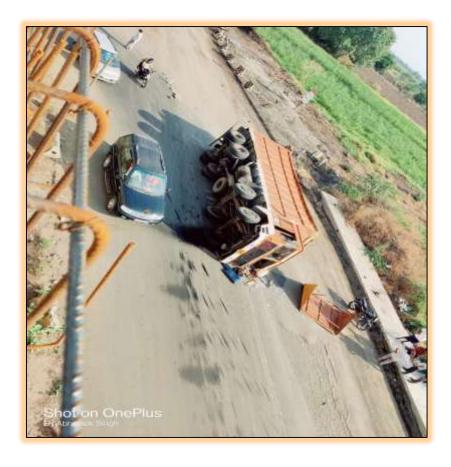


PEDESTRIAN USER RESPONSIBILITY

- Try to walk in the opposite of traffic moving direction on foot path.
- ☐ Don't walk directly on road, if foot path is not available then use road shoulder.
- ☐ Use zebra crossing / foot over bridge/ subway to cross roads. Never cross roads near MBCB or divider.
- Never use ear phones while walking.
- Never try to stop a bus or taxi in the mid of road, always use the dedicated bus stop.



Truck Helper was driving



Not obeyed Signboard



Wrong Direction movement



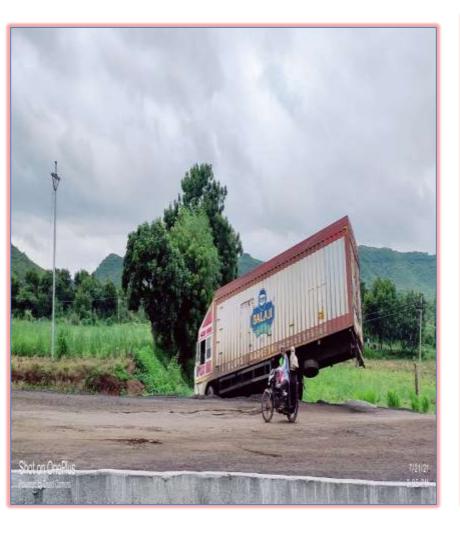


Fire Accident





Drink & Drive



Over taking

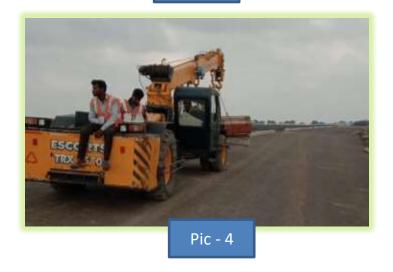


POTENTIAL SOURCES & ACTS OF ROAD ACCIDENT





Pic - 3



POTENTIAL SOURCES & ACTS OF ROAD ACCIDENT







Pic - 5

Pic - 6

Pic - 7



Pic - 8



Pic - 9

POTENTIAL SOURCES & ACTS OF ROAD ACCIDENT





Pic - 10

ROAD SAFETY WEEK CELEBRATION AT WORK PLACE











ROAD SAFETY WEEK CELEBRATION AT WORK PLACE









WEBINAR ON ROAD SAFETY WEEK

Note: All data's & photos are collected from relevant

sources are only for study purpose. It's meaning is not

to disparage any Nation, Religion, Organization,

Community or individual.

TRAFFIC SIGNANGE

Traffic Signs or Road Signs are signs erected at the side of roads to provide information to road users. Pictorial signs are used as symbols in place of words. As control devices for traffic, signs need full attention, respect and adequate driver's response.



TYPES OF TRAFFIC SIGNAGE

Basic types of traffic signs

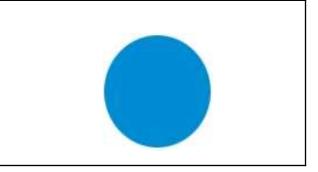
Mandatory Signs	Signs that give orders. These are represented by red circles.	
Cautionary Signs	Signs that give warnings. These are represented by red triangles	
Informative Signs	Signs that give information. These are represented by blue rectangles.	

TYPES OF TRAFFIC SIGNAGE

Note:

Circles give orders, Triangles warn and Rectangles inform.

Blue circles give a mandatory instruction



All triangular signs are red.

There are a few exceptions to the shape and colour rules, to give certain signs greater importance.





TRAFFIC SIGNAGE



STOP



NO ENTRY



GIVE WAY



ALL MOTOR VEHICLES PROHIBITED



NO MOTORCYCLES



NO BICYCLES



NO BULLOCK CARTS



NO HEAVY VEHICLES



ONE - WAY TRAFFIC



NO STRAIGHT AHEAD



NO VEHICLES IN BOTH DIRECTION



NO LEFT TURN



NO RIGHT TURN



NO OVERTAKING



NO U-TURN



HEIGH LIMIT



SPEED LIMIT



WEIGHT LIMIT



LENGHT LIMIT



NO PARKING



HORN PROHIBITED



NO PEDESTRIANS



LEFT CURVE



RIGHT CURVE



TRAFFIC SIGNALS
AHEAD



LEVEL CROSSING WITH BARRIER AHEAD



UNEVEN ROAD



LEVEL CROSSING WITHOUT BARRIER AHEAD



NARROW BRIDGE



ROUNDABOUT AHEAD

REMEMBER

Always Follow Road Safety Rules

Ensure Safety Devices such as side mirror, horn, emergency brake in your Vehicle

Keep yourself and others safe by practising good road Safety habits.

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THANK YOU!

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