



# **Webinar on ROAD SAFETY WEEK**

**-By**

**Sarju Nandan Patra**

**Conducted by**

**Institution of Safety**

**Engineers (India)**

**[www.iseindia.in](http://www.iseindia.in)**

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# Institution of Safety Engineers (India)

Welcome in Free  
Webinar Session on

## Road Safety Week

on

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





## 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



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**International Journal of Institution of Safety Engineers (India)**  
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# 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)

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# 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



**“33<sup>rd</sup> 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
- ❑ Non-fatal injuries = 2 to 5 crore people/ year
- ❑ 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.
- Alcohol monitoring



# 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.



# CASE STUDY OF SOME ACCIDENTS

**Truck Helper was driving**



**Not obeyed Signboard**





# CASE STUDY OF SOME ACCIDENTS

## Wrong Direction movement



# CASE STUDY OF SOME ACCIDENTS

## Fire Accident



# CASE STUDY OF SOME ACCIDENTS

## Drink & Drive

## Over taking



# POTENTIAL SOURCES & ACTS OF ROAD ACCIDENT



Pic - 1



Pic - 2



Pic - 3



Pic - 4

# POTENTIAL SOURCES & ACTS OF ROAD ACCIDENT



Pic - 5



Pic - 6



Pic - 7



Pic - 8



Pic - 9

# POTENTIAL SOURCES & ACTS OF ROAD ACCIDENT



Pic - 10



Pic - 11

# ROAD SAFETY WEEK CELEBRATION AT WORK PLACE



# ROAD SAFETY WEEK CELEBRATION AT WORK PLACE





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

<b>Mandatory Signs</b>	Signs that give orders. These are represented by red circles.	
<b>Cautionary Signs</b>	Signs that give warnings. These are represented by red triangles	
<b>Informative Signs</b>	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.



**STOP**



**GIVEWAY**

# 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



ROUNDAABOUT  
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.**

# WEBINAR ON ROAD SAFETY WEEK



**ANY QUESTIONS?**

# WEBINAR ON ROAD SAFETY WEEK



## THANK YOU!

FOR MORE DETAILS VISIT - [WWW.ISEINDIA.IN](http://WWW.ISEINDIA.IN)

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