

## Education of Traffic Norms Must Be Made Mandatory for Vehicle Riders in India

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### Abstract

There is gross violation of traffic norms on Indian roads. Most of the road accidents takes place due to over increasing speed of vehicles. Not using the helmet, seatbelts, signal breaking, violation of traffic rules at crossings, unmanned railway crossings etc. are the gross causes of accidents.

Constructing the railways bridges where there is a heavy traffic, constructing the manned railway gates, providing the lay-byes for heavy vehicles, constructing more sheds for passengers waiting for buses, local ferries, auto rickshaws are few remedies for controlling traffics on Indian roads.

**KEYWORDS:** unmanned railway crossing, traffic rules, remedies

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### Theory and discussion

#### Gross violation of traffic norms observed on Indian roads.

- 1- Breaking the signal is common practise
- 2- Breaking the lane and interrupting the traffic is common on roads.
- 3- Long processions for longer durations is nuisance to traffic.
- 4- Illegal entry of very to very heavy vehicle on narrow roads creates problems.
- 5- Use of one-way for both way traffic is illegal
- 6- Vegetable vendors, goods venders wandering in the centre of roads violating the traffic norms
- 7- Venders park their *thelas*, *gadis* illegally anywhere except the parking space provided for them.
- 8- Stray cattle on Indian roads is a common picture.
- 9- Good sellers illegally occupying the footpaths is too common everywhere in the country sides and suburban areas.
- 10- Lingering road constructing for years makes the congestions on the roads common.
- 11- Instead of using bye-pass the city roads are illegally using city roads in broad daylight.
- 12- Traffic signal posts are often covered with pamphlets.
- 13- Traffic sign posts are not properly erected wherever is needed.
- 14- Violation of parking is quite common in India.
- 15- Larger hoardings creates nuisance specially on squares
- 16- Illegal hoardings or digital display boards creates nuisance on traffic squares.
- 17- Excessively intense lights focus used as affront lights on few vehicles invites more accidents.

- 18- Rules for half painted front lights are obeyed by most truck drivers or owners.
- 19- Flood lights used recently by using China made lights are very dangerous on night hours.
- 20- High decibel sounded horns are nuisance for patients, old age people, children, physically challenged people.
- 21- Open violation of traffic norms for carrying rods, long cables, longer pipes, long iron bars, on roads are dangerous
- 22- Digging the well prepared, newly constructed roads is usual on Indian roads.
- 23- Road digging for erecting the advertising posts is common everywhere in the times of elections.
- 24- Stray dogs running haywires is common picture on Indian roads
- 25- Unavailability of trespasses for wild animals is very common on jungle roads.
- 26- Wild animal crashes with vehicles is so common on Indian roads.
- 27- Use of helmet is often violated by front rider as well as pillion rider
- 28- Seat belt use is rarely followed by most of vehicle riders.
- 29- Road construction authorities not erecting the warning posts at place of work is general violation of traffic norms.
- 30- Posts for diversion of roads, turning of roads, S shapes roads, V or U or Z shaped turning on roads is not properly posted at a desired place.
- 31- Non-availability of emergency ambulance, police vans, cardiac vans, emergency vans are common cause of road accidents.
- 32- The long queued vehicles in the form of armada of vehicles of political figures often disturb the normal proceeding of vehicular traffic.
- 33- Torn silencers, damaged engines, excessively vibrating body of vehicle creates neighbour rider while driving.
- 34- Overloading the vehicles like trucks, tractors, vans, buses, hand pulling carts, auto rickshaws is commonly seen everywhere.
- 35- Most of the times heavy or light cranes, toeing vehicles at the time of emergencies invites the human deaths on roads.
- 36- Delay in repairing the damaged roads, delay in repair of roads creates problems in road traffic.
- 37- Frequently repair of road works disturbs the day to day traffic.
- 38- Smoke, smog, fumes from the vehicles and vehicle wastes also disturbs the traffic
- 39- Winter morning whether in India are filled with smoke hinders the traffics especially on aerodromes.
- 40- Horn of loud horns hospitals, schools, colleges, university campuses, destitute homes, orphanages, old age homes creates problems for persons under treatment.
- 41- *Morchas, dharna*, agitations on roads creates problems for traffic. *Chakka jam* (blocking the traffic completely) is a major menace for traffic regulations.
- 42- *Ganapati* emersion processions near *choupati*, Mumbai or *Durga* emersion near *Ganga* River at Kolkata creates severe traffic problems every year.
- 43- Digital hoarding with running commentary near trafficked squares creates congesting traffic problems.

- 44- Road shows, street shows, shooting near highways, road *rangolis*, road dance shows, road orchestras, road paintings exhibitions near trafficked roads also causes congestions in traffic.
- 45- Drink and drive is common features of many highway truck drivers which gives rise to ghastly accidents many a times.
- 46- No use of side indicators, indicator horns, nohead-lights, no rear side lights are other types of negligence on Indian roads.
- 47- No helmet, no seatbelts, no airbags in cars are common cause of accidents in India.

### **Remedies suggested for regulating vehicular traffic**

- Doppler meters for checking the speed limits must be used by traffic police on every square.
- Total ban must be imposed on heavy vehicle traffic inside the cities on day times and on one ways.
- A time limit must be imposed on road construction company or a firm
- Special hawkers' zones can solve problems of road encroachments on city roads.
- Special lanes must be reserved for city buses, local buses, school buses, local ferry buses, public carriers.
- Footpaths of at least two meters width, six inch high must be constructed that with free of encroachments.
- Dust bins must be provided at every 200-300 meters both way alongside the road.
- Multi story parking is must for commercial complexes, multi-story housing societies, big shopping complexes, *sabji-mandis*, godowns, industrial development areas, multiplexes, etc.
- Learning licenses must be issued with strict entrance test (written test) followed by an interview, driving trial, and driving school certificates.
- Special silent zones must be created near hospitals, schools, colleges, crematoriums, theatres, old-age homes, destitute homes.
- Additional bus stops with toilets must be constructed for elderly people, especially abled people, handicapped people.
- Sound limits must be fixed near schools, hospitals, prayer halls, destitute homes.
- In case of emergencies mobile ambulance van, toeing vehicles, cardiac vans, lifting cranes must be kept ready.
- Nitrogen air must be used in tyres instead of usual air as it gets heated and tyre busting takes place
- Road side tree plantation, small gardens must be constructed to maintain pollutions level under control
- Special one ways, subways, underpass, over bridges, double Dekker bridges must be constructed at heavy crowded place.
- Road repair work, road construction work must be carried out at night hours as day times are jam packed with vehicular traffic.
- Police posts must be constructed every 200-300 meters along-side highways.

- Motor vehicle act must be amended from time to time as per the need of present special requirement.
- Specially sessions must be organised for 'road safety measures', 'traffic norms', 'traffic controlling measures', 'traffic manners' must be made mandatory in every school, college, university, public offices, private offices, local public halls .
- The above said topics must be made a part of syllabus mandatory for school, college curriculum.
- Proper slopes must be constructed at the road joints at the bridge entry points and exit ends.
- Road designing and road engineering must be efficiently prepared and must be sanctioned by proper authorities from time to time.
- Proper width of footbaths (at least two meters), proper height (six inches) must be strictly maintained while constructed roads.
- Ventilators, oxygen cylinders, emergency respiratory kits, life-saving drugs, first aid box must be kept ready 24x7 hours.
- Air bags must be provided mandatorily in each four wheeler.

### **Result and Conclusion**

Traffic controlling is subjects not only for writing an article or paper but must be obeyed and implemented compulsorily. Special parking zones must be constructed where crowded vehicles forms congestion. Special training sessions, lectures, seminars, workshops, road shows must be organised in all cities of the country. Traffic controlling must be made mandatory part of the school curriculum or syllabus.

### **References**

- 1-Cyrus Mistry died in road accidents, a news in daily Loksatta, Indian Express group's Marathi daily dated 5<sup>th</sup> Sep-2022pp1
- 2-Road deaths are due to systemic problems: Merc, by Martin Schwenk, Times of India report, Times business, 16Sep2022,pp12
- 3-The gati and the Shakti, by NitinGadkari,An ecstasy of ideas, the times of India,17 Sep2022, PP12
- 4-Gulabpushpa for heavy vehicle drivers on occasion of Drivers' day, Daily Divya Marathi, Bhaskar group paper, Divya city edition,17Sep2022,pp1
- 5-Gas leakage through a container on Pune-Bangalore Highway, news from Daily Divya Marathi, Bhaskar group paper, DivyaMaza Maharashtra, 17Sep2022 pp3
- 6-Dalit women lost life due to damaged road, daily Loksatta, 16Sep2022,pp3
- 7-134 year old temple to be Trans located for NH project, a news, the times of India,17Sep2022pp10
- 8-Helmetless riders account for 57.81% of violations, no seatbelts 4.8% data, The times of India report, unsafe roads, Times city, dated 15Sep-2022pp3
- 9-Cyrus Mistry died in road accidents, a news in daily Hindustan, a Marathi daily dated 5<sup>th</sup> Sep- 2022pp1

10-Cyrus Mistry died in road accidents, a news in daily Matrubhumi, Amravati edition ,a Marathi daily dated 5<sup>th</sup> Sep- 2022pp1

11-Cyrus Mistry died in road accidents, news in the times of India, dated 5<sup>th</sup> Sep-2022pp1

12-38% death due to road accidents can be controlled by controlling road accidents, Daily Bhaskar's Marathi daily DivyaMatathi report 13 Sep-2022, pp8

13-6% deaths take place in the morning hours when 10% traffic is on roads, report Daily Bhaskar's Marathi daily DivyaMatathi report 13 sep-2022,pp1

14-Processions creates more nuisance than exceeding sound ,VitthalMakapalle, The Marathi daily Loksatta, the Indian expresses Marathi version 13 Sep-2022 pp9

15-Daily Bhaskar's Marathi daily DivyaMatathi report 13 Sep-2022, pp8

16-Daily Bhaskar's Marathi daily DivyaMatathi report 13 Sep-2022, pp1

17-Accidental death and suicide in India 2021, annual survey, govt. of India Daily Bhaskar's Marathi daily DivyaMatathi report 13 sep-2022,pp1

18-Path kartavya by Ashok Datar, daily Loksatta Sunday edition, dated 11 sep 2022, pp1-2.

19-Why our roads kill and what we should do, Dipak Dash, Times of India, An ecstasy of ideas, dated 12 sep-2022 . pp10.

20-Second hand car dealers will be deemed owners of the vehicles, times of India report, the times of better India, 14 Sep-2022, pp 2

21-People's opinion, The Marathi daily Loksatta, the Indian expresses Marathi version 14Sep-2022 pp9

22- Notification on audio alerts for rear seat belts likely this week, Times nations, 21Sep2022pp7