

PUNE INSTITUTE OF COMPUTER TECHNOLOGY
DHANKAWADI, PUNE – 43

UG SEMINAR ABSTRACT
Academic Year: 2020-21

DEPARTMENT: COMPUTER ENGINEERING

Seminar On: Road Accidents in India: Causes and Possible Solutions.

By: Swapnil Vitthal Chavan

Roll No. 31116

1. Name of The Topic: To analyze road accidents in India and figure out possible reasons and solutions.
2. Topic wise contents:
 1. Introduction
 2. Analysis of accidents based on age of victims.
 3. Analysis of accidents based on period of year
 4. Summarization
 5. Conclusion
3. References:
 1. Road accidents in India 2015 to 2019 published by Ministry of road transport and highways body under government of India (<https://morth.nic.in>)
 2. National road safety policy by government of India (<https://www.mygov.in/campaigns/national-road-safety/>)
 3. Analysis of road accidents research paper ieee(<https://ieeexplore.ieee.org/document/7374211>)
 4. Bijleveld, F., Churchill, T., 2009. The influence of weather conditions on road safety. SWOV Institute for Road Safety Research, Leidschendam, the Netherlands; SWOV Publication R-2009-9: 1-49. (available at <http://www.swov.nl/rapport/R-2009-09.pdf>).
 5. Road accidents in India (<https://doi.org/10.1016/j.trpro.2017.05.484>)
 6. Road traffic injuries by who (<https://www.who.int/news-room/fact-sheets/detail/road-traffic-injuries>)

Date: 09/09/2021

Swapnil Chavan
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REMARKS BY UG SEMINAR CO-ORDINATOR:

Date:

UG Seminar Coordinator

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Abstract: The main aim of this paper is to analyze the road accidents in India at National level and then mainly focusing on Maharashtra state. Road accidents have been a major cause for concern across Indian. With just 1 per cent of the world's vehicles, India accounts for 11 per cent of the global death in road accidents, the highest in the world in 2019, according to a report by the World Bank. In 2019 alone the country reported **over 151 thousand fatalities** due to road accidents. Each year, about three to five percent of the country's GDP was invested in road accidents.

Focus of the study is to find relations between age groups, weather, time period and road conditions with the accidents that take place and to figure out why it is so. Without increased efforts and new required solutions, the total count of road traffic deaths in India is likely to cross the mark of 250,000 by the year 2025. There is thus an urgent need to recognize the worsening situations in road accidents deaths and injuries and to take the necessary required steps.

Keywords: Road safety; public health; fatality rate; fatality risk; India's road safety.

REMARKS BY UG SEMINAR GUIDE:

Date:

UG Seminar Guide
(Prof. G. P. Potdar)