IJARSCT
ISSN (Online) 2581-9429
International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
Impact Factor: 7.301
Volume 3, Issue 1, October 2023

Study and Analysis of Road Hypnosis on Samruddhi Mahamarg

Prof. A. I. Deshmukh[1] Gayatri Sanjay Andure[2], Dakshata Niranjan Ingole[3]
Shruti Avinash Bhoyar[4], Neha Avinash Parbat[5], Juhi Promod Zod[6]
Assistant Professor, Department of Civil Engineering[1]
Students, Department of Civil Engineering[2,3,4,5,6]
Jagadambha College of Engineering & Technology, Yavatmal, India

Abstract: *In this paper, the main Aim is to study the phenomenon known as highway hypnosis or driving hypnosis. It is a trap of mind when a driver is driving a vehicle ,truck, car ,etc .. for a long period of time and the driver operates the vehicle in a dulled ,sleepy state or sometimes completely falling asleep without remembering what occurred in that specific time.*
.Highway hypnosis has been considered as one of the major reason for accident on roads .Newly inaugurated Samruddhi Mahamarg [dec. 2022] has become a dead space for a user. Accident caused by highway hypnosis resulted in nine deaths out of the total 39 lives last over the period ,as per the data given by Maharashtra police.

Keywords: Road hypnosis, Driver behavior, Safety warning, Monotonous city effect.

I. INTRODUCTION

Roads are lifeline of our country as it is the best method of transportation among all other methods. These roads can become a death trap for a driver's . Road users can continuously run the vehicle for a long period undergoes the highway hypnosis. Road traffic safety can be influenced by road hypnosis. Hypnosis can happen more commonly in tired drivers fatigue is not the only one reasons there is different reason for these. Mumbai- Nagpur express way which is also known as *Samruddhi Mahamarg* has been witnessing frequent accidents. Road hypnosis is a major issue faced by drivers on the path. Several reports state's that highway hypnosis is a major reason for road accidents. Driver goes in physical, behavioural and psychological state of level, driver tends to feel sleepy or drowsy even through they remain seated in normal position.

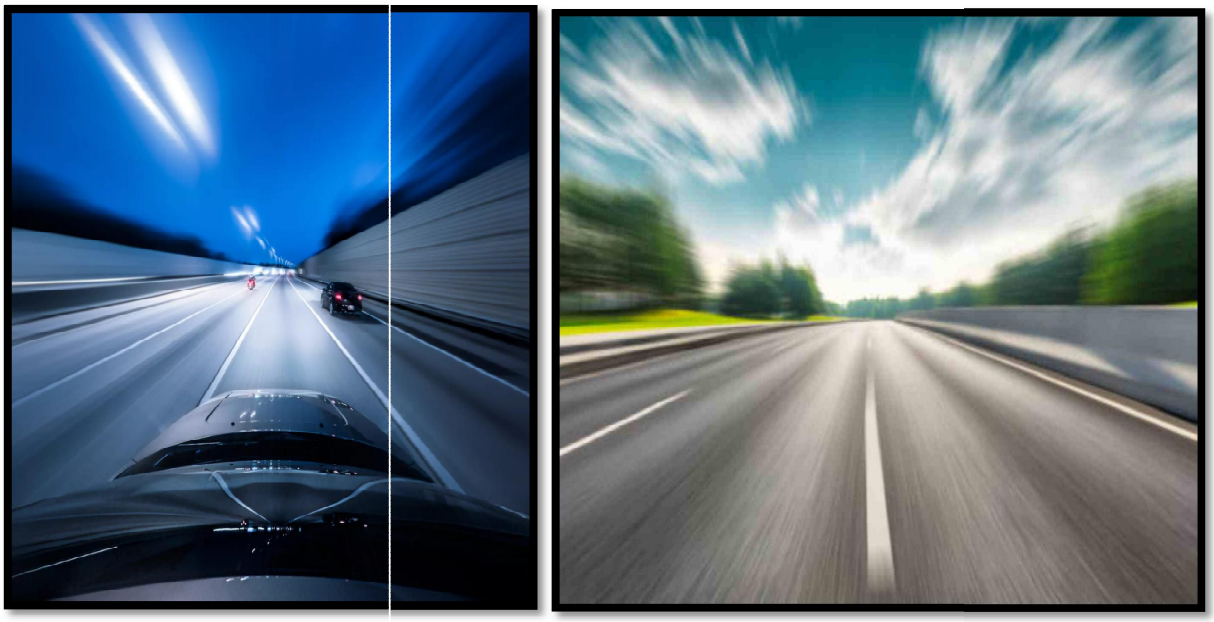

Fig : Road Hypnosis

DOI: 10.48175/IJARSCT-13135

IJARSCT
ISSN (Online) 2581-9429
International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
Impact Factor: 7.301
Volume 3, Issue 1, October 2023

II. OBJECTIVES

If you're writing a research paper on road hypnosis or highway hypnosis, you'll want to establish clear objectives that guide your study and research. Here are some possible objectives for your research paper:

- **Understanding the Phenomenon**: Investigate the concept of road hypnosis, its definition, and the psychological and physiological factors that contribute to it.
- **Prevalence and Frequency**: Examine how often road hypnosis occurs among drivers and whether certain factors like long-distance driving or monotonous road conditions make it more likely
- **Driver Behavior and Cognition**: Analyze how drivers' behavior and cognitive processes change during episodes of road hypnosis, including reduced attention, slower reaction times, and the inability to recall recent driving events.
- **Risk Factors**: Identify the risk factors associated with road hypnosis, such as fatigue, sleep deprivation, time of day, and environmental factors like road design and traffic patterns.
- **Safety Implications**: Explore the safety implications of road hypnosis, including its role in accidents and collisions, and consider potential measures for preventing accidents related to this phenomenon.
- **Interventions and Countermeasures**: Investigate strategies and interventions that can help prevent or mitigate road hypnosis, such as driver education programs, technology-based solutions, or road design improvements.
- **Driver Awareness and Education**: Assess the awareness levels of drivers regarding road hypnosis and whether education campaigns have been effective in reducing its occurrence.
- **Comparative Analysis**: Compare road hypnosis with other forms of distracted or impaired driving, such as texting while driving or driving under the influence, to understand its relative significance in road safety.
- **Legal and Policy Implications**: Explore the legal and policy considerations related to road hypnosis, including any regulations or guidelines aimed at preventing or addressing this issue.
- **Case Studies and Real-World Examples**: Present case studies or real-world examples of road hypnosis incidents, including their outcomes and lessons learned.
- **Recommendations**: Based on your research findings, provide recommendations for drivers, road planners, policymakers, and other stakeholders on how to reduce the occurrence and risks associated with road hypnosis.

Remember to structure your research paper around these objectives, providing evidence and analysis to support your findings and conclusions. Additionally, make sure to use reputable sources and data to strengthen the credibility of your research.

III. METHODOLOGY

- The driver is not subjectively aware.
- Driver is uncouncious.
- Due to white lines fever.
- Due to driver is tired during driving.

IV. RESULT

- Accident.
- Lots of injuries.
- Personal killed.
- Damages of Vehicles.
- Damages of Roads.

V. CONCLUSION

- Road hypnosis can cause serious accidents
- Accounting to a psychiatrist , a unique physical condition occurs while driving eyes are open and the brain is inactive.

IJARSCT
ISSN (Online) 2581-9429
International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
Impact Factor: 7.301
Volume 3, Issue 1, October 2023

- Most people can become aimless because of hypnosis.
- Research shows that hypnosis is useful in treating a Verity of physical problems.
- research has also shows that hypnosis is a result of people's expectations rather than due to altered hypnosis state because hypnosis is very effective.

REFERENCES

[1]. Wollmer, M.; Blaschke, C.; Schindl, T.; Schuller, B.; Farber, B.; Mayer, S.; Trefflich, B. Online driver distraction detection using long short-term memory. IEEE Trans. Int. Transp. Syst. 2011, 12, 574–582. [Google Scholar] [CrossRef]

[2]. Wu, Z.Q.; Liang, K.C.; Liu, D.C.; Zhao, Z.G. Driver lane change intention recognition based on Attention Enhanced Residual-MBi-LSTM network. IEEE Access 2022, 10, 58050–58061. [Google Scholar] [CrossRef]

[3]. Adanu, E.K.; Smith, R.; Powell, L.; Jones, S. Multilevel analysis of the role of human factors in regional disparities in crash outcomes. Accid. Anal. Prev. 2017, 109, 10–17. [Google Scholar] [CrossRef] [PubMed]

[4]. Haghighattalab, S.; Chen, A.; Fan, Y.; Mohammadi, R. Engineering ethics within accident analysis models. Accid. Anal. Prev. 2019, 129, 119–125. [Google Scholar] [CrossRef] [PubMed]

[5]. Wang, X.Y.; Liu, Y.Q.; Guo, Y.Q.; Xia, Y.Y.; Wu, C.Z. Transformation mechanism of vehicle cluster situations under dynamic evolution of driver's propensity. Transp. Res. F Traffic Psychol. Behav. 2019, 65, 665–684. [Google Scholar] [CrossRef]