**Literature Survey**

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| **S.NO** | **Paper Title** | **Year of publication** | **Journal or conference name** | **Authors** | **Theme of paper** | **Inference** |
| **1.** | **Smart roadside system for driver assistance and safety** | **25 July 2011** | **Multidisciplinary Digital Publishing Institute(MDPI)** | **Jeong Ah Jang,Hyun Suk Kim and Han byeog cho** | **Smart roadside system for driver assistance** | **Presenting a framework for a smart road side system such as OBDII based vehicle sensors** |
| **2.** | **Wireless digital traffic signs of the future** | **7th September 2018** | **The Institution of Engineering and Technology(IET)** | **Chai k.Toh,Juan Carlos cano** | **Using wireless communication technologies to face issues of current traffic signs** | **Realizing intelligent roads for future smart cities** |
| **3.** | **Dynamic management of traffic signals through social IOT** | **2020** | **Third International conference on Computing and Network Communications** | **Roopa.M.S,Ayesha Siddiq.S,RajkumarBuyya,Venugopal.K.R,Iyengar.S.S,Patnaik.L.M** | **Proposing a dynamic congestion control with throughput maximation scheme based on social aspect(D-TMSA)** | **Introducing congestion management to control the congestion and improve the flow of traffic with the aid of social relationships** |
| **4.** | **Accident prevention and road safety in hilly region using IOT module** | **20th July 2021** | **International Journal of Engineering Research &Technology(IJERT)** | **Bhumika R,Harshitha S A,Meena D,Asha M** | **Improve the security in sloping regions by utilizing wireless sensor network and IOT** | **Reduce the mishaps in harpin bends and to facilitate smooth and development of vehicles** |

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| **5.** | **An IOT architecture for accessing road safety in smart cities** | **1st November 2018** | **Hindawi Wireless Communications and Mobile Computing** | **Abd-Elhamid M.Taha** | **The safety System approach emphasizes safety by design through ensuring safe vehicles** | **Illustrates the viability of an economic road safety monitoring through exploiting advances in IOT** |
| **6.** | **The future of road safety: A worldwide perspective** | **January 2017** | **IATSS Research**  **The first global interactive forum on traffic and safety(2015)symposium on ”diverse, regionally-rooted transport cultures”** | **Fred Wegman** | **The future of road safety technique to decrease accidents** | **Remedies for eliminating crashes,educing crash risks and limiting their consequences** |
| **7.** | **Development of an IOT based real time traffic monitoring system for city governance** | **September 2020** | **KeAi Chinese Roots Global Impact** | **Mohammed sarrab,supriya pulparampil** | **IOT based system model to collect,process and store real time traffic data** | **Use magnetic sensor nodes to collect real time vehicle information** |
| **8.** | **A novel approach in road safety using IOT node mesh** | **24th April 2021** | **International Journal of Engineering research and Technology(IJERT)** | **Sangeeta,nitin Agarwal** | **Accident detection system using NB-IOT and GPS** | **Understanding the approach of accident prevention using node technology** |