LITERATURE SURVEY

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| SNO: | TITLE OF THE PAPER | DETIALS OF THE PAPER | OBJECTIVE | METHODOLOGY USED | TAKE AWAY |
| 1. | Wireless Digital Traffic  Sign Post | APhys.org  Article in 2018 | Better Traffic Management and Safety | Through refined telematics and intelligent, it can be easier to “read” the locations and speeds of vehicles, such as those in a fleet. When vehicles and smart  traffic control systems are connected via the cloud, the end results may be more manageable traffic, decreased gridlock, and better traffic | From this journal,  Smart roadway signage is not simply an objective for the future. Two UK companies have collaborated to produce these signs for use on England’s roads. |
| 2. | Smart intersection improve traffic flow and road safety | European commission, 2017 road safety statistics | The smart intersection warns cars about the presence of pedestrians. | While modern cars can already utilize sensor-based object detection, parameterization and categorization of objects from within the moving car is challenging. Shifting those tasks to road infrastructure, on the contrary, allows reliable distinction between static and dynamic objects | From this journal,  Another key component of the Smart Intersection is the security concept for protecting data against attackers. To provide security by design, the modular risk assessment (MoRA) method of Fraunhofer AISEC was applied. |
| 3. | Smart Connected Signs for Road Safety System | 2018 IOT | Smart Connected Signs for Road Safety | In present Systems the road signs and the speed limits are Static. But the road signs can be changed in some cases. We can consider some cases when there are some road diversions due to heavy traffic or due to accidents then we can change the road signs accordingly if they are digitalized. Intelligent transportation systems (ITS) offer significant opportunities to save lives | From this journal,  Addressed to policy makers and private companies that are willing to use innovative solutions to decrease road-related fatalities and injuries amidst populations. |
| 4. | Road Accident Analysis and Engineering Measurement in Mangalore Municipal Area | 2019 IOT | Accident Analysis and Engineering Measurement in Mangalore Municipal Area | The Road Accident Analysis And Engineering Measurement In Mangalore Municipal Area situation of road traffic accidents in India is shocking. Registers show that one death occurs every 2, 75 minutes due to road traffic accidents. Road safety is compulsory to reduce accidents involving both people and vehicles there by making the road safer and more user-friendly to traffic. | From this journal,  in this Road Accident Analysis And Engineering Measurement In Mangalore Municipal Area civil project we analysis road traffic accident (preliminary and micro level) and we predict model based on the parameters of vehicle ownership -population ratio and vehicle composition of the city. |
| 5. | Better signs for road safety | University of Sunderland, Kuwait 2001 | Road safety measures | This study investigates the effectiveness of traffic signs, as described in the Vienna Convention, in sending information, warnings, and orders to drivers to create a safe driving environment. This study assumes traffic signs affect the driver's mind and consequently driving behavior. Confusing traffic signs therefore increases traffic accidents and traffic disturbances | Some signs give drivers the impression they are allowed to take actions that are dangerous. The methodology used is based on field research, interviews, and surveys |