SIGN WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY

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LITERATURE SURVEY

S.NO	PAPER TITLE	AUTHOR NAME	PUBLICATION YEAR	ISSUES	SOLTUONS
1.	TRAFFIC SIGNAL BREACH VEHICLE STOP SYSTEM USING IOT	Chereddy Sekhar, K Kranthi, M Kalyan Chakravarthi.	2017	As the quantity of urban vehicles develops rapidly comes about development of traffic, the deregulation of traffic signs has turned into a common sympathy toward all police furthermore it prompts the mishaps close to the activity signals.	This system makes straightforward catch of persons who deregulates the traffic signals and also sends the area of vehicle (where it is halted) with the assistance of GPS module for taking after (where the vehicle is stopped).
2	SMART TRANSPORTATION SYSTEM USING IOT	PS Saarika, K Sandhya, T Sudha	2019	Problems such as traffic congestion, road safety, accident detection, automatic fare collection and limited car parking facilities can be resolved by IOT.	An IOT based smart parking system along with an intelligent signboard is proposed. The smart parking system composed of intelligent sensors deployed on site and are used to monitor and inform the availability of parking spaces.
3	DYNAMIC MANAGEMENT OF TRAFFIC SIGNALS THROUGH SOCIAL IOT	MS Roopa, Ayesha Siddiq, Rajkumar Buyya, KR Venugopal, SS Iyengar, LM Patnaik.	2020	Traffic Congestion is a major threat to transportation sector in every urban city around the world. This causes many adverse effects like, heavy fuel consumption, increased waiting time, pollution, etc.	To achieve better driving we proceed towards a trending research field called social internet of vehicles (SIOV). A social network paradigm that permits the establishment of social relationships

					among every vehicle in the network or with any road infrastructure can be radically helpful.
4	INTEGRATING IOT AND BLOCKCHAIN FOR ENSURING ROAD SAFETY - AN UNCONVENTIONAL APPROACH	Deepak Prashar, Nishant Jha, Sudan Jha, Gyanendra Prasad Joshi, Changho Seo.	2020	Road traffic, which is increasing day by day, is causing more and more deaths worldwide. The world needs a product that would reduce the number of road accidents.	Hashgraph technology, a distributed ledger technology is used to create communication networks between the different vehicles and other relevant parameters. Scheduling the requests according to the priorities for ensuring better QOS quotient can be effectively done using hashgraph. We demonstrated how the hashgraph outstrips other equivalents platforms.
5	DIGITALIZATION OF HIGHWAYS FOR VULNERABLE ROAD SAFETY DEVELOPMENT WITH INTELLIGENT IOT SENSORS AND MACHINE LEARNING	Rajesh Singh, Rohit Sharma, Shaik Vaseem Akram, Anita Gehlot, Dharam Buddhi, Praveen Kumar Malik, Rajeev Arya	2021	The transportation system needs to be enhanced for the establishment of access to safe, affordable, accessible, and sustainable transport systems along with enhanced road safety.	The implementation of these digital technologies on highways empowers to provide reliable, smarter, intelligent, and renewable energy sources experience to the users travelling along the highways.