INTERNET OF THINGS

Signs With Smart Connectivity For Better Road Safety

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LITERATURE SURVEY

Mr. Gunanithy.s, Prof. S.Nagarajan: This work is mainly focused on to give the detailed survey of power generation mechanism through renewable energy resources by making an analysis on the Roller mechanisms that will worker as a speed breaker. Some software is also used for modeling of mechanism and analysis of power generation so that the cost will low and material is to be low weighted. This also gives full explanation of working principal of project. The study gives an alternative way to generate electricity by using roller mechanism (as a speed breaker) without any fuel or fossil fuel consumption.

N. N. Ghuge, Aarti sathe, varsha patil, Anagha warankar: The aim is to generate electricity through speed breaker mechanism. That will help to reduces uses of non-renewable resources like fossil fuel, which are used for generating electricity. A speed breaker is replace by cylinder roller which will rotate when vehicle pass over through it. And one end of roller is connected motor with connecting. This mechanism helps to produce electricity.

Nikhita Reddy Gade, et.al. (2016) : Today the world is connected. The number of devices that are connected are increasing day by day. Many studies show that about 50 billion devices will be connected in 2020 indicating that Internet of things has a very important role to play in the future to come paper. We need to act fast and meet these needs by developing technologies that cater to the world's problems. One such solution is the development of a smart world. The most important application of the IO are smart cities. In recent years, the concept of smart city has played an important role in both academic and industry fields, with the progress and functioning of various middleware platforms and infrastructures based on IO.

Anshu Adwani, Kirti H. Madan, Rohit Hande: In this study, author proposed a system to deal with present situation of road problem like W.A.L.T (Weather, accident, landslides, traffic) by using of digital sensor that will displayed acquired data on active LED display with XBee and GSM technology The case study proposed for monitoring the accident on road. Landslide and water overflow on over bridge is detected with the help of different sensors. So that road user will easy selected fastest root without any delay.

Monika Másilková : This study is to analyze the health and social consequences of road traffic accidents. The selected method of data processing was textual analysis of documents The theme of the consequences of road traffic accidents has been, and still is, on the front burner. Despite the fact that many states have gradually introduced harsher sanctions and measures to reduce traffic accidents, many people continue to die in traffic accidents and even more people suffer permanent consequences. Finally, a road traffic accident is a burden on the economy of a state. According to the literature, health consequences can be generally defined as all injuries associated with traffic accidents that result in long-term or permanent harm. Social consequences of accidents include the change of the quality of life of an individual, and the change in the social, family and professional life of an individual after a traffic accident, including changes in attitudes towards life.

Koushalya Bijjaragi, Poonam Tijare (2016) : As the volume of traffic is increasing day by day, it becomes difficult to store and process such large data sets using traditional software. a set of storage devices for storing such vast amounts of data and also a parallel computing model for the analysis of those huge data entries is needed. Hadoop is one such framework that provides reliable cluster storage facility, which stores large amounts of data in a distributed manner using a special file system, called system distributed Hadoop files and provides functions for efficient parallel processing through framework MapReduce . In MapReduce filtered data traffic can be easily recovered, to provide end users with traffic analysis and provide useful predictions.

Sajib k.mistry, R. karim, k.sakib & M.H kamal : this case study is based on smart highway system (SHS) to ensure road accident and let the people knows further condition of road by using wireless sensor network. The smart highway system is design on the basis of wireless sensor network with three main components' vehicle detector/ indicator sensor, information passing sensor and a station/ sink node. The mechanisms help us to reduce road accident. This work will help in the growth of country by reduce traffic jams and road accident