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## (57) Abstract :

Overloading has been identified as a financial and safety concern, and the National Department of Transport has incorporated an anti-overloading movement into its Road to Safety policy. Economic development necessitates a functional transportation infrastructure. Overloaded vehicles, particularly load vehicles, eliminate roadways and so have a negative impact on economic development. As a result, the damage caused spreads exponentially as the load increases. Overloading damages the roads, resulting in costly repair and maintenance costs, limiting the life of the road and adding burden to the nation, as well as righteous road users who eventually bear the casual and inconsiderate overloading cost. Overloading on vehicles lead to far too many fatal traffic accidents, endangering road safety. Overloading endangers not just the driver's life, but also the lives of other road users and passengers. Overloading on vehicles will enhance the effect of engine operating, causing fuel consumption to skyrocket. This expansion would have an impact on the concentration of gas emissions from vehicles. Overloading a vehicle is a safety hazard that not only leads to unnecessary loss of life but also causes rapid deterioration of roads, resulting in increased costs of maintenance and transportation.Notably, there have been research on the identification of overloaded vehicles and what has been done to prevent them. There are systems designed based on the number of passengers or load sensors monitoring vehicle load, while some measure load using earth vibrations. There are even some planned RFID tag and remote frequency transmitter systems. This review article contains all of the works on monitoring and dealing with vehicle overloading.

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