

RESTRICTED

ABSTRACT

Traffic congestion is serious issue for any country. Sri Lanka is one of the developing countries in South Asian Region. Colombo is the commercial capital of the country and by no it is a main economic hub as well as busiest city. Traffic congestion is a serious issue for the Colombo city due to the heavy number of vehicle. In my research find out the main reasons for the traffic congestion and weakness of the prevailing system. Therefore the study is to evaluate on transportation, road network system and the traffic congestion in Colombo metropolitan area. In literature it is discussed other countries mitigates the traffic congestion by using various methods and possibility to adapt those methods to the Sri Lanka. As finding my research include use of personal vehicle, Prevailing road system, Drivers discipline, In proper bus stops and pedestrian crossing, less number of pedestrian overhead bridges and ect. Therefore the research provides the constructive inputs to the relevant authorities to take some effective decision to reduce the traffic congestion in Colombo metropolitan area. Finally, I may recommend the practical solution to mitigate the traffic congestion. As further research areas are due to the port city project there may be further increase of traffic congestion due to that, it is required to research how to mitigate the traffic congestion with the port city project. Further, it is possibility to research area of restrict the three wheelers and motor bikes within the Colombo city due to the traffic congestion.