Abstract

The propose system is the Traffic Density Based Signal Management in Traffic System which deal with traffic load in each side of lane during high density traffic on road at specific time. Here we are considering the main scenario at time when the traffic is extended for, less no. of vehicles then signal activate for less number of time. If the traffic gets on increasing on other side of lane then, the problem with previous algorithm is that, the vehicles on other side those arrived first as compared to others have to wait. In previous they introduce equal size platoon. We are proposing such a system that deal with such kind of problem by automatically switching the signal by calculating the time at which the vehicles arrived at stop line. We first formulate
the vehicular traffic signal control problem as a job scheduling problem on processors. In our system we switch the signal if the density of vehicle is high then the maximum time is allocated. In our system we are not decide the platoon length or size. Our system show result under light medium & heavy traffic.

Refernces

- Peyman Babaei, "Vehicles tracking and classification using traffic zones in a hybrid scheme for intersection traffic management by smart Road Side Units," 2010.


Index Terms

Computer Science

Signal And Systems
Keywords
Rsus  Wsn  Intelligent Traffic System (its)