



..efficient tool for streamlined traffic management,

fuel saving, reduced pollution and helping to preserve the environment.



TRAFFIC LIGHT DURATION INDICATOR

Stress and Fatigue

At present in all signals there is no indication of the time required for that signal to change. Therefore at a red light, for example, drivers keep looking at the signal impatiently to take-off the moment the signal changes into green. They do not have a moment's relaxation even while waiting for the green signal.

A quick light changes catches them unawares. If they have switched off the engines, by the time they switch on, other drivers behind them start honking horns and screaming abuses. Also some vehicles at the end of the line fail to pass through, thereby affecting smooth traffic flow.

This experience at practically every traffic signal causes strains and mental fatigue for drivers; in addition, running engines mean waste of fuel and increased pollution.

Unique system

To solve this problem we have invented and patented a digital countdown system which provides in figures the amount of time left for the signal to change. For example, the moment a red light appears, the number of seconds allotted to this light is flashed close to it or on the red signal itself. The countdown begins and drivers have ample time to decide to switch off the engine or not. They can relax and wait for the signal change without tension, worry, strain or fatigue. The engine can be switched on in time to take off the moment the signal changes. This quick take-off helps smoother traffic flow by allowing more vehicles to pass through.

Benefits

- Driver's tension, worry and mental fatigue reduced.
- Ample time for drivers to decide to switch off engine or not.
- Driver relaxed and ready to take off instantly. Less chance of accidents.
- Since engine switched on at the right time there is fuel saving there by reducing pollution.
- Full quota of vehicles passes through the signal reducing the cumulative build up of vehicles after four-five cycles.
- Smooth flow of traffic.

More than anything, this novel system is an efficient tool for streamlined traffic management, fuel saving, reduced pollution and helping to preserve the environment.

This unique system is highly beneficial to society in many ways. It is worth used in all cities.

Financially it becomes eminently feasible through sponsors like industrial and other enterprises who in recent times are participating in such social duties.

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