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INTELLIGENT TRANSPORT SYSTEM AND ITS PLANNING ISSUES A CASE STUDY OF PUBLIC TRANSPORTATION OF MYSORE CITY

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ABSTRACT

Cities are like human bodies. Their prosperity and liveability depends on their lifeblood of residents, workers, goods and materials being able to move about. So it is an obviously good idea for the process of developing and re-developing our towns and cities to start from insight into their transport infrastructure – a kind of 'x-ray' view that can see where their arterial structure is strong enough to support the increased travel demand of new development.

Mysore is one of first city to adopt intelligent transport system. The study focus on key aspect such as level of people response to the new application and how much it help in day to day movement. The study conducted to know the efficiency of first phase implementation of GPS on 500 buses and passenger information system (PIS) display boards in Karnataka State Road Transport Corporation KSRTC, socio-economic background of passengers using public transport and bench marking of existing transport system.

The objective of study is to study existing scenario of public transport system and to study and analyse the new Intelligent transport system. The findings highlight three core areas that require particular attention at the institutional and policy level they are. The study concludes with some strategic recommendations aimed at overcoming these institutional challenges.

KEYWORDS: Global Positioning System (GPS), Passenger Information System (PIS), Roadside Camera Recognition, Probe Vehicles or Devices. Transport Forecasting, Transport Modelling