

ANUJA JOY | Prof. Lakshmi S R

Defining the role of intermediate public transportation services in integrated urban transportation system

Transportation networks form the spine of any city with its influence developing the city structure and its unique land use. Traffic of a city is defined by the modes used in that city which leads to the city structure. Considering the importance of these modes in defining the overall characteristic of the area, Intermediate public transportation services (auto rickshaw, taxi, uber etc.) have a major role in sector level planning of a city. This study is an effort to understand the existing role of IPT's in Integrated Urban transportation system. The initial stage of the project deals with developing hypothetical concepts for public transportation. This stage is achieved at multiple levels such as in regional level, city level, sector level. The hypothetical concept is applied to an identified city (Thiruvananthapuram) in these three levels, specifically in defined sector level (Peroorkada). From the applicability of the hypothetical concept at this stage, the study aims at "developing a future structure of a city concept" in integrated urban transportation system which focuses specifically into the Intermediate Public Transportation services.