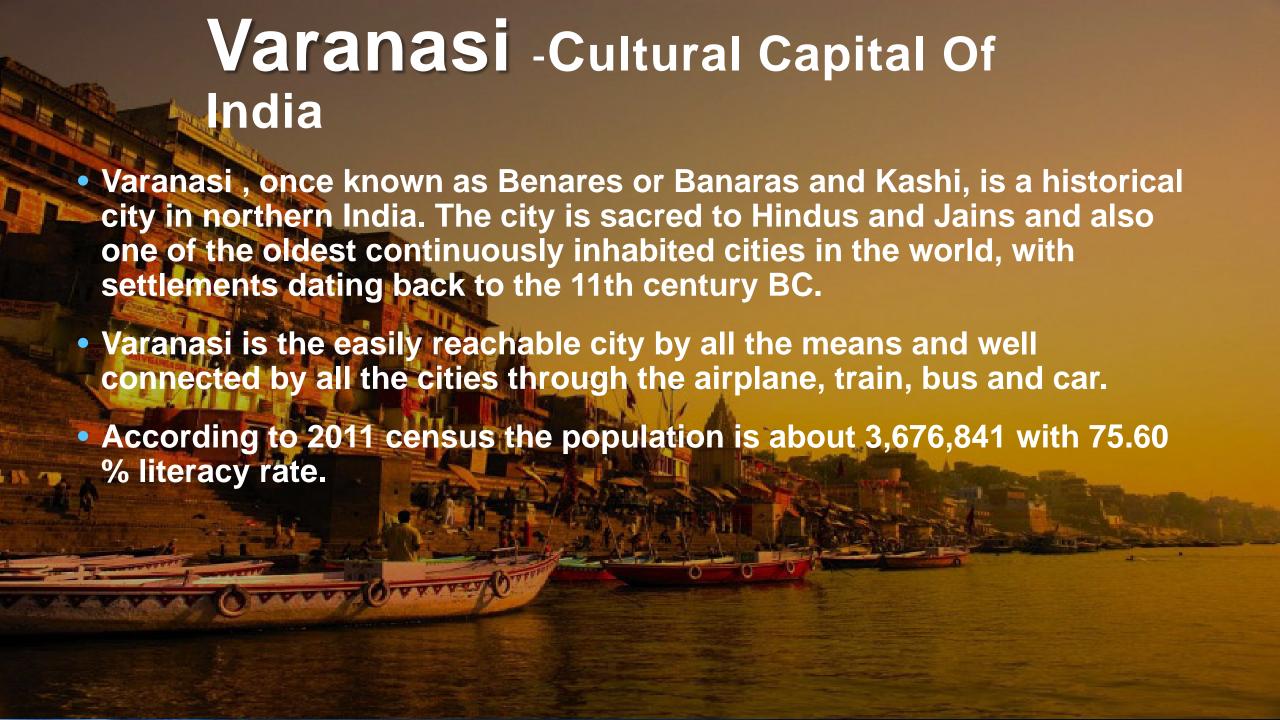
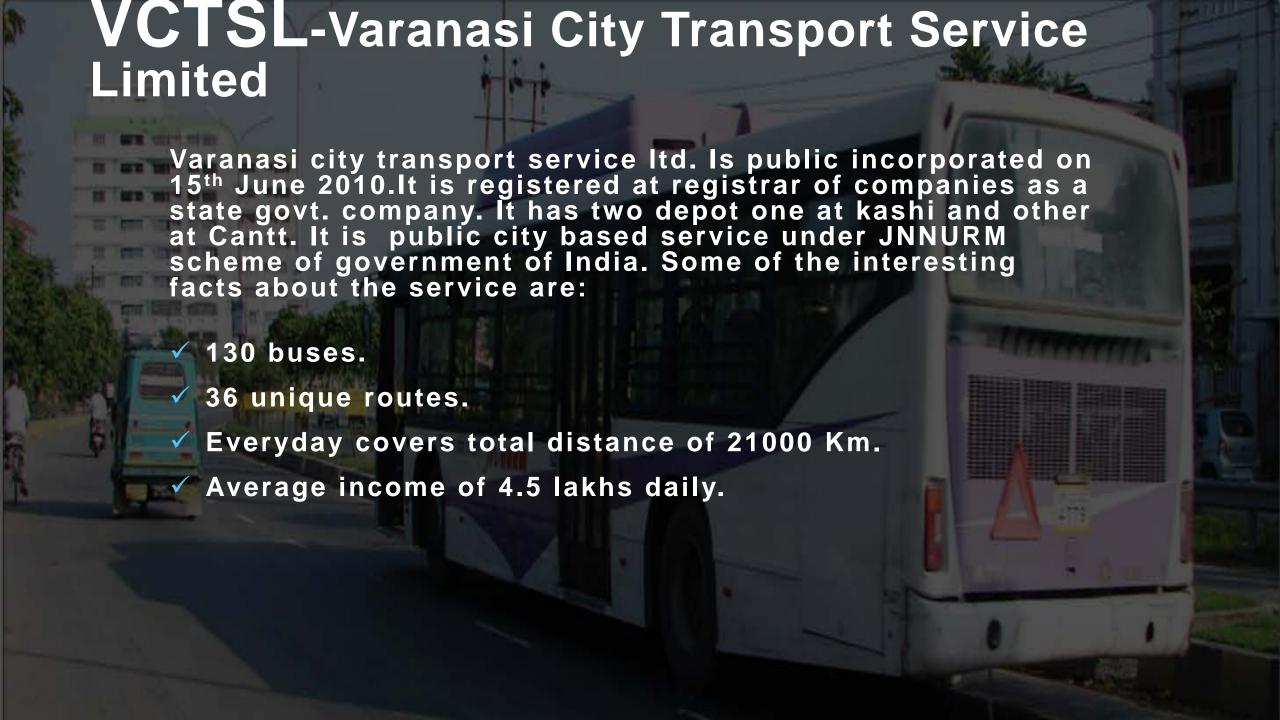
To Develop ITMS For City Transport Varansi





About ITMS (Intelligent Transportation Management

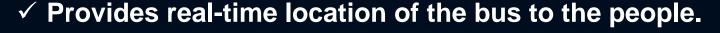
A range of technology based solutions for improving the quality, safety and information aspects of traffic and transport. ITMS technologies, also known as transport telematics, usually have three core characteristics: communications, information and integration. ITMS solutions enable individual travelers, drivers, transport operators and public authorities to make better-informed, more intelligent decisions.

- **✓ TIME SAVINGS**
- **▼ BETTER EMERGENCY RESPONSE TIMES AND SERVICES**
- REDUCED CRASHES AND FATALITIES
- **✓ COST AVOIDANCE**
- **✓ INCREASED CUSTOMER SATISFACTION**
- ✓ ENERGY AND ENVIRONMENTAL BENEFITS
- ✓ DECREASING OF PROBABILITY OF CONGESTION OCCURRENCE

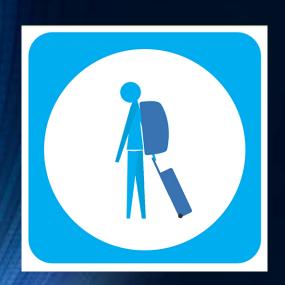
In ITMS we want to design:

- ✓ Real time monitoring and tracking of buses and help reduce road congestion and other related issues.
- ✓ ITMS solution to provide dynamic passenger information system(PIS) based on GPS system.
- Advanced display and communication technologies.
- ✓ Ticketing systems using ETMS and use this data to improve efficiency.

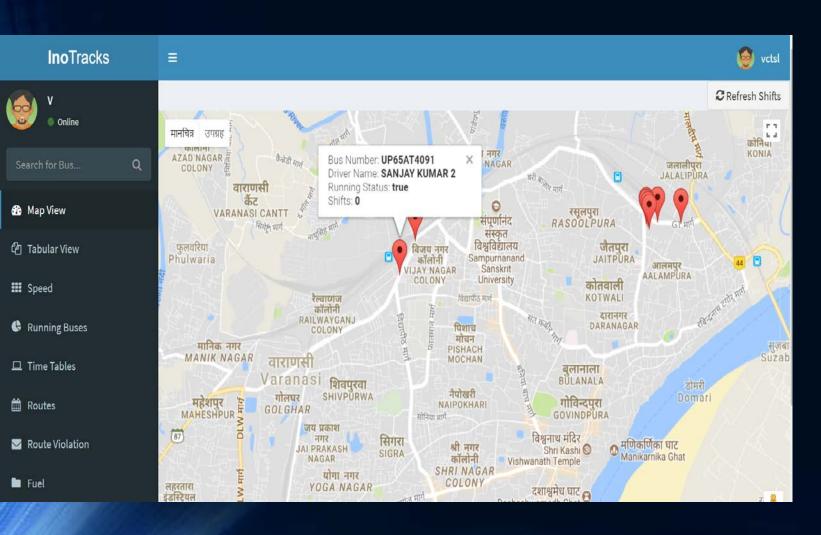
RAHi APP (A City Bus Information Platform)



- ✓ Helps new commuters get an idea of the best routes and buses
 by entering the source and destination locations.
- ✓ Several features work offline (No need of internet connections).
- ✓ Provides fare information between two stops.
- ✓ The app provides a list with bus numbers and their estimated time of arrival (ETA).
- ✓ Gives nearest bus stop with live bus stop status.
- ✓ Monitoring drivers and alerting the administration about unauthorized stops, speed limit violations, and route deviations.
- ✓ List of nearest hospitals, police station and fire brigade in case of emergency.



InoTracks Admin Dashboard



Features Like:

- Real time tracking on map.
- Route Violation information.
- Detail fuel information of each bus with enabled notification.
- Direct editing and making of time-table.

Future Prospects

- ✓ Cashless travelling –Integrate of online and offline payment through the app for ticket booking (in accordance with the digital India initiative).
- ✓ CCTV based surveillance.
- ✓ Fuel sensor integration in bus so as to monitor the fuel consumption on real time.
- ✓ Machine learning based data monitoring.
- ✓ Synchronize between bus, train and flights with reminder of the status of the vehicle.
- ✓ Metro, Railway station and airport synchronization.
- ✓ Connect with police stations, fire brigade, hospitals and ambulance in case of emergency.
- ✓ WebApp development.

