Ministry of Electronics & Information Technology, Government of India

सत्यमेव जयते

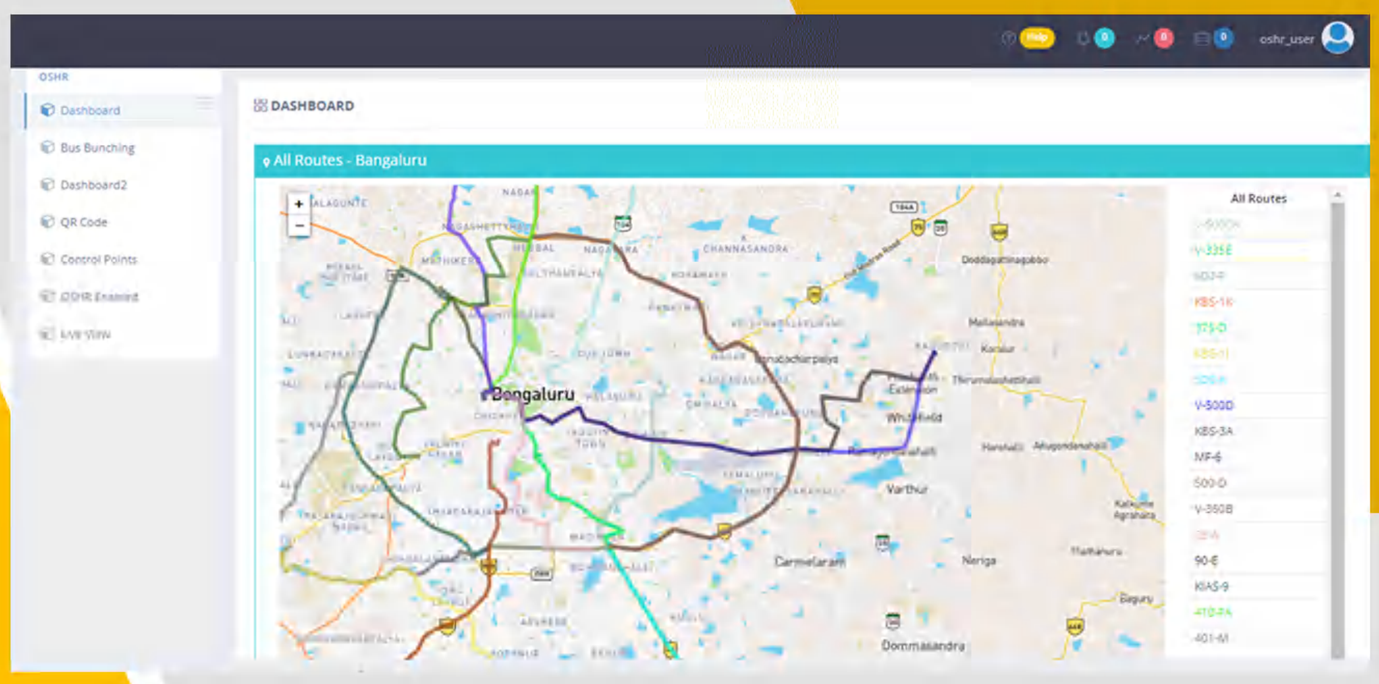
OSHR

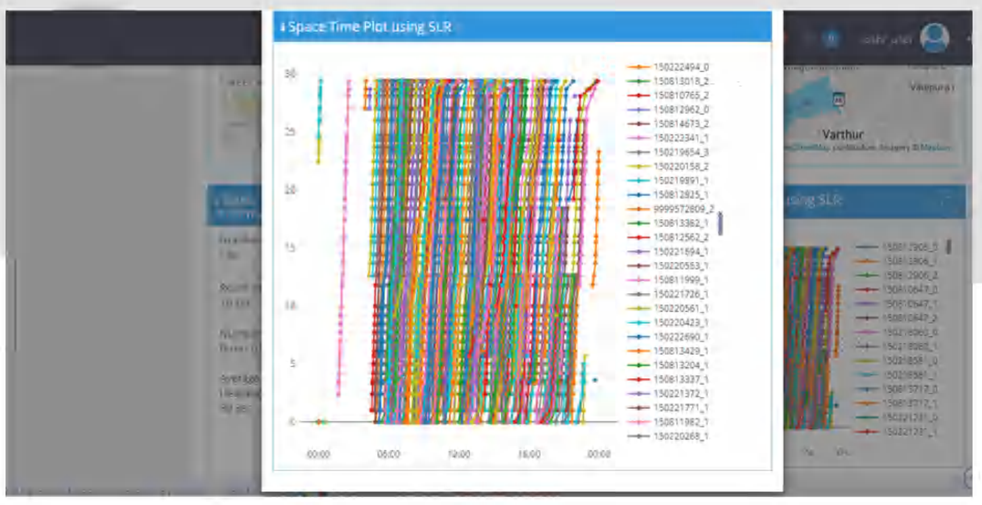
Indian Institute of Science

भारतीय विज्ञान संस्थान

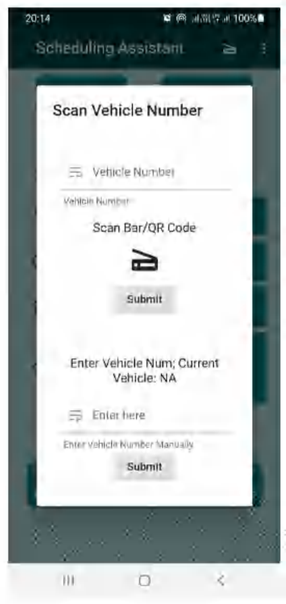
InTranSE

OPERATIONAL STRATEGY TO IMPROVE HEADWAY RELIABILITY OF PUBLIC TRANSPORT BUSES





Headway Management System is an operational software aiding to reduce bus bunching on a specific route that the public transport buses are scheduled. The system provides an operational strategy for systematic delaying of in-services buses on a route to reduce Bus Bunching. The system uses real-time information for evaluating headways and estimates headways for holding buses at designated stops to maintain optimum headway between the in-service buses on a route.



SALIENT FEATURES

- Compliance to any transit agency applications
- Dynamic Hold Time Estimation using VTU Information and schedule
- Hold Time computation based on the real-time VTU information and real-time schedules
- Real-Time Communication of Hold Time to Buses
- Hold Time displayed at Driver Console through GSM communication

Intelligent Transportation and Networking Section

CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

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