

Field Visit Report

Date : **30/01/2015**
Place of Visit : **Control room of Bus Rapid Transport Service (BRTS), Ahmedabad**
Student Group : **M. E. Semester – IV (Transportation Engineering)**
Faculty Members : **1) Prof. N. D. Hajiani
2) Prof. N. G. Raval**

Description of visit:

The students of M.E. Semester – IV and Faculty Members have visited the Control Room of BRTS, Ahmedabad. The objective of the technical visit is to understand the functioning of BRTS system. Mr. Prayag (Control Room Incharge) has explained the planning, monitoring and controlling of the BRTS system. He has also explained the proposed BRTS system for the Ahmedabad city. The BRTS officials have explained about the implementation of Intelligent Transportation Systems (ITS) in the monitoring and controlling of the BRTS system. Using Global Positioning System (GPS), the BRTS buses are monitored and controlled. Students have interacted with officers of the BRTS system regarding Incident Management, Bus Identification, Bus Positioning systems, Delay Management, Repairs and Maintenance system of the BRTS track, Tracking for the travel time, Collision warning system, Ticketing system etc. using ITS. BRTS officials also explained the proposed plans of BRTS with pictorial presentation. The students were informed about the monitoring of BRTS buses

in terms of individual vehicle with driver's name, speed, occupancy, delay and route etc.



BRTS Control Room



BRTS officials have described the aim of change in design of BRTS bus. The new size buses are put in operation for increasing the capacity and comfort ability to cater the existing traffic. The officials of the BRTS have solved the queries raised by the students.

The field visit was very helpful to the students for upgrading the knowledge of ITS applications in Transportation system. The students and Faculty Members of the department are very much thankful to the Officials of the control room of BRTS for sparing their time to explain the advanced applications of ITS in BRTS system.