

# **“E-TICKET”**

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***A project report submitted in partial fulfillment of the requirement  
for the award of the Degree of Bachelor of Engineering in  
Electronics & Communication Engineering of the Visvesvaraya  
Technological University, Belgaum.***

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## **ABSTRACT**

**E-ticket system is designed to provide a hassle free transportation services to the public with various benefits and way of ticket collection for the government. The principle of this system includes the usage of the SMART card and it can be updated or recharged as per the customer needs. The route values and routes are stored in the database. The customer carries the card during his travelling and after getting down some fixed amount of money is deducted and remaining amount is stored back in the smart card. The transaction details are sent to the bus control room. In future we can use GSM for communication between the customer and the server.**

**The aim of the project is to design and develop a wireless electronic Ticket. Observation has shown that for collecting ticket in local's lot of time is wasted as the passengers need to wait for a long time and also bus manpower [conductors] is wasted. In this present system of collecting ticket, manpower is utilized. Hence to reduced this true wastage and manpower an automated E-Ticket is developed here using prototype GPS.**