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A PROJECT REPORT ON

“RFID & GPS BASED PUBLIC TRANSPORT SYSTEM”

Submitted in the partial fulfilment of the requirements for the award of degree

**BACHELOR OF ENGINEERING
IN
ELECTRONICS AND COMMUNICATION
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PROJECT GUIDE
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ABSTRACT

This project is based on ticketing and identification of the passenger in the public transport. In the metropolitan city like Mumbai, Kolkata and Bangalore we have a severe malfunctioning of public transport and various security problems. Firstly, there is a lot of confusion between the passengers regarding fares which lead to corruption, secondly due to mismanagement of public transport the passenger faces the problem of traffic jam, thirdly nowadays we have severe security problems in public transport due to anti social elements. This project suggest a user friendly automated ticketing system which will automatically deduct the passengers fare according to the distance travelled as well as detect the passengers identification. This could be only possible by use of RFID tickets and GPS can be used to make the transaction and travelling very precise. This project basically deals with the identification and ticketing of the passengers sitting in the bus.