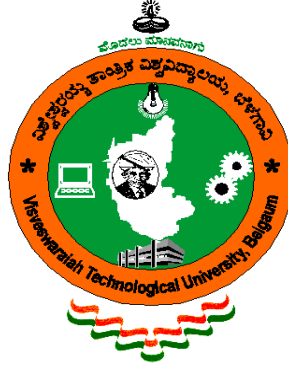


VISVESWARAIAH TECHNOLOGICAL UNIVERSITY
BELGAUM-590014



PROJECT REPORT ON

BUS ALERT SYSTEM OF BLINDS FOR EASY NAVIGATION USING ANDROID

A Project Report Submitted in Partial Fulfilment of the
Requirements for the VIII Semester.

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ABSTRACT

Talking signs, guide cane, echolocations are useful in navigating the visually challenged people to reach their destination, but the main objective is not reached that it fails to join them with traffic. The idea behind the project is to help the blind people in their day to day life. With the help of our application they can catch the bus to reach their destination independent of any normal person. Here the application is to be installed into the android mobile and the mobile is to be provided to the blind person. This application consists of two main parts. First part is blind people recognition with ANDROID mobile. Another part is communication between the ANDROID application and server about the bus. The mobile will help the blind to recognize the arrival of bus in the bus station. So as the bus is near to the bus station the android based device will make up the announcement system about bus information for the blind people. This announcement about arrived bus is very useful to blind people for catching the bus. The android based device access the details of the bus from the server which is installed in the department of bus (such as K.S.R.T.C). The application is also helpful for normal people and application allows user to take advantage of the publicly available bus data.