

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY BELGAUM



Project Report on

## A GPS-BASED MOBILE COMMON UTILITY LOCATOR SYSTEM

Submitted by

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in

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Under the Guidance of

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## **ABSTRACT**

The Global Positioning System (GPS) is a space-based satellite navigation system that provides location and time information in all weather conditions, anywhere on or near the Earth where there is an unobstructed line of sight to four or more GPS satellites .The proposed application is built on the Android platform. The application provides locations for various services like Hospitals, Academic Institutions, Bus Stand, Railway Station, Airports, Clinics, Pharmacies, ATMs, Petrol Bunks, Police Stations, Banks, Tourist Attractions, Restaurants, and Post Offices. The application will be implemented in the English (Global), Hindi (National) and Kannada (Regional) languages. Other features which will be included are Home Screen Shortcut creation, quick access to Emergency Service contact numbers, display of destination routes on live, real time maps.