

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
BELGAUM-590014**



**A REPORT ON PROJECT WORK  
GPS BASED NAVIGATOR WITH  
VOICE ANNOUNCEMENT  
(Sponsored by K.S.C.S.T., Bangalore)**

*Submitted in partial fulfillment of the requirements for the award of the degree of*

**BACHELOR OF ENGINEERING  
IN  
ELECTRONICS & COMMUNICATION**

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**PROJECT GUIDE**

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## **ABSTRACT**

The Global Positioning System (GPS) is a U.S. space-based radio navigation system that provides reliable positioning, navigation and timing services to civilian user continuous worldwide basis which is freely available to all. For anyone with a GPS receiver, the system will provide location and time. GPS provides accurate location and time information for an unlimited number of people in all weather, day and night, anywhere in the world.

Our project "GPS based navigator with voice announcement" demonstrates the implementation of GPS to display the specified place name along with the voice message informing the name of the place for the passenger traveling by the vehicle or by train, which in itself shows the dual functioning of name display along with the voice announcement. Thus, the characterization of the navigator plays a vital role in tracking the place using GPS.