

REAL TIME VEHICLE TRACKING SYSTEM

Project Team Members

- 1. Gunigari Rupasree Reddy
- 2. Omkaram Manjunath Raju
- 3. Shaik Hifza
- 4. Chintalapuli Lakshumaiah

Introduction

The Real Time Vehicle Tracking System is an advanced technology-based project designed to monitor and track the live location of vehicles using GPS (Global Positioning System) and GSM (Global System for Mobile Communication) technologies. The system continuously collects location data from satellites and transmits it to a central server through mobile networks. This data is then displayed on a web or mobile application, allowing users to monitor vehicle movement in real time.

This project is highly useful in fleet management, school transportation monitoring, logistics and delivery services, emergency vehicle tracking, and anti-theft security systems. It improves operational efficiency, enhances safety, and provides accurate route and location tracking. With further development, the system can be integrated with IoT platforms and mobile applications for more advanced features such as alerts, route history, and performance analysis.