

# Artificial Intelligence: GPS based Vehicle Tracking and Monitoring System

Rakesh Kumar Mahana and Vishnu Thapa

Department of Computer Science Engineering  
Dronacharya College of Engineering, Gurgaon, Haryana, India

**Abstract:** *It is the vehicle & people recognizing system for vehicle tracking also can be monitorable the vehicle by the help of both Android Application & website. This is the secure vehicle tracking & monitoring system which is very useful to avoid the traffic issues of Private Vehicles & commercial vehicles of their Vehicle owners During Unsafe Activity of Drivers. If Any Unauthorised Access happens during Vehicle parking this system will Report to the user by the help of mobile Vibration and Sirensystem also get alert by messages. During the both School & college vehicles if we use this system the both parents and students with bus & cab drivers will get notification at the same time on the behalf of single Application system. By The help of Admin Module access the college Authority can access the vehicle activity & also can access the Camera of vehicles can identify the both drivers and the students activity by the help of this system . By the use of this Intelligent system that their parents got notified every moment of students that anyone can use by the help of a single Application. A smart vehicle system ease the tension from the care takers thatthe by Notifying their children Activates during outside of home also make vehicle safety like situations on heavy traffic jam situations Alerts . While somewhere we parking our vehicle during workplace / night parking / market parking if that time someone wants to start our vehicle then automatically suddenly got alert by Mobile Application & by alerting messages . During user sleep at night it will automatically calculate the distance if some replace the vehicle from one place to another place.*

**Keywords:** Android application/website , internet service , GPS , Google Map , python , AI / Deep learning & ML etc.

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### **BIOGRAPHY**



✉ rakesh15407@gmail.com

☎ + 91- 9057876448

Software Engineer

I am Rakesh kumarmahana currently persuing Bachelor of Technology in computer science Engineering from Dronacharya college of Engineering farukhnagar, Gurgaon ,Haryana in 8<sup>th</sup>semester 2023 .Also I have completed Diploma in computer science engineering From Government polytechnic Manesar Gurgaon Haryana in 2020 .I am Really passionate about to learn about old technology Research papers by the help of this Research paper always I want to innovate/ implement new ideas using technology .This paper is specially made for the students & people safety purpose. Now a days, millions of children are going to school for their educational purpose & also millions of people are going to workplace for their daily wages purpose So, we need to develop a different types of system for the students & people safety purpose.The paper also purposes of security system and drive prevention system. It's totally based on goggle Maps and API's. It's more accurate to check or track the current location of persons/students & drivers as well vehicles. This application gives brief idea about the routes, vehicles locations with online attendance features. It is more accurate to check or track the current location of students & persons.