

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

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A

Project Report

On

“VEHICLE TRACKING ALONG WITH ADVANCED RTO TECHNOLOGY”

Submitted in Partial Fulfillment for the Award of the Degree

Bachelor of Engineering

In

ELECTRONICS & COMMUNICATION ENGINEERING

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# ABSTARCT

The Automation for Vehicles is the current trend, which transforms the merely conveyer to well-furnished moving home like feeling. Right from selection of songs to driving everything is automatic, thus increasing the prices of cars and leading increase in burglary. Now also incase, of hit-and-run or carrying illegal goods over inter-state cross border or road-robbery cases, police may not trace the culprits very easily, as the vehicle details are not monitored continuously,now the policemen wants to monitor the vehicle, which is smuggling some illegal goods, how they do it? For this we have proposed a system called the Personal Handy System, in this it is possible to easily track particular vehicle for its geographical locations on a MC screen. Whenever a vehicle equipped with its ID Transmitter enters a “cell” / geographical location, that particular “Cell Unit” or “Cell Broadcaster” sends a wireless message to the centralized base unit. In this way the user can find the whereabouts of the vehicle in real time mode & if for any reason needs it necessary to lock / immobilize the vehicle under observation.

Apart from this the common problem that any lay man faces is loss of or forgetting the vehicle related paper documents. This leads to unnecessary penalty by the cops and illegitimate use of documents after vehicle theft. To overcome this problem we came up with the idea of advance RTO technology.