

PROJECT REPORT ON

**FUTURISTIC RF BASED VEHICLE DATABASE
VERIFICATION & SECURITY**

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ABSTRACT

Since the evolution of transportation right from the steam engines to the very automatic vehicles of today, newer sophisticated technologies merged into it, to develop better and advanced systems. Thus the cost of automobiles has increased over the years. At the same time with the increase in number of vehicle thefts over the years, various security systems have been developed. These security systems are in-built in the vehicles and each vehicle has an individual security system centering on the vehicle itself.

In the present scenario, if a vehicle is stolen then the owner of the vehicle registers a complaint at the nearest police station. Then the police will be on the lookout for that vehicle with the same number plate. But this system will have a lot of loopholes as the number plates can be changed anytime. Also verifying the vehicle details i.e. insurance, road tax and emission test details along with the driving license from the pass book are done manually nowadays.

To overcome these problems we have come up with this project where we have developed a tamper proof unique identification system for each automobile that can help in vehicle as well as driver identification, thus eliminating the traffic congestions and human intervention which in turn helps reducing the corruption. And also provides a secured system to trace down the lost/theft vehicle without any hindrances.
