

Visvesvaraya Technological University

Belgaum



A
PROJECT REPORT
ON

“EMBEDDED DRIVING ANALYSIS SYSTEM”

(KSCST Sponsored Project)

Submitted in partial fulfillment of the requirements for the award of the degree Bachelor of Engineering in Computer Science and Engineering from Visvesvaraya Technology University, Belgaum, Karnataka.

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ABSTRACT

This paper studies the process of obtaining a driving license in INDIA. On the average, individuals pay about twice the official amount to obtain a license and very few take the legally required driving test, resulting in many unqualified yet licensed drivers. The magnitude of distortions in the allocation of licenses increases with citizens' willingness to pay for licenses. These results support the view that corruption does not merely reflect transfers from citizens to bureaucrats but that it distorts allocation. The paper also shows that partial anti-corruption measures have only a limited impact because players in this system adapt to the new environment. Specifically, a ban on agents at one regional transport office is associated with a high percentage of unqualified drivers overcoming the residency requirement and obtaining licenses at other RTOs.

Our project avoids paper cost, identifies correct driver who is eligible for driving, If our product made mandatory to all vehicles Traffic management becomes easier, E-tolling: Eliminates the delay on roads by collecting tolls electronically, Applying for driving license becomes much more convenient, Bring consistency in test drive process, Reduce man power.

As our survey, around 1500 RTO centers are there in India. Actual cost for applying driving license is Rs250, most of people go through mediator to get their DL and pay about RS1000 to mediator. Daily 30000 people register for DL in India add total amount paid to mediator is RS 30L per day and it turns into Rs100Crores per year.

According to times of India 1300 people are dying due to accidents per day in India, most of them (10%) are got their DL from mediators who are unfit for driving