VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

A PROJECT REPORT ON

"AN INTELLIGENT, AUTOMATED TOLL PAYMENT SYSTEM"

Submitted in partial fulfillment for the award of Degree of,

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE & ENGINEERING

By

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MOODBIDRI-574225, KARNATAKA   2019 – 2020

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CERTIFICATE

This is to certify that the project entitled **"An Intelligent, Automated toll payment system"** has been successfully completed by

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the bonafide students of **DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING, ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY** of the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI** during the year 2019–2020. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.

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ABSTRACT

In this 21st century, India is a developing country. To make India a developed country DIGITALIZATION can play vital role. India is currently going through the process of digitalization. Various fields are being digitalized by our Government. But at many places still traditional methods are being used. One such place is the Toll Plaza encountered on various highways. Traditional methods are very time consuming and also not secure. There is no platform till date to pay the toll fees digitally. And this causes very high rush on toll booths. This project will provide an Android App, which will help to pay toll fees through Mobile by using Credit/Debit card .This approach will go eco-friendly because of paperless transaction. Project uses the GPS technology to track the location of the vehicle. When the location of mobile enters in range of 2 km from toll booth, a notification will be sent on user mobile with details of toll and charges. The user pays toll charges without having to stop at the upcoming toll booth.