

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“Jnana Sangama” Belagavi – 590 018



PROJECT REPORT ON “INTELLIGENT MOBILITY SOLUTION”

Submitted in partial fulfillment of the requirements for the award of degree

BACHELOR OF ENGINEERING IN ELECTRONICS & COMMUNICATION ENGINEERING

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**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY
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ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

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(Affiliated to VTU, BELAGAVI)

A+, Accredited by NAAC & NBA (ECE & CSE)

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CERTIFICATE

Certified that the project work entitled "INTELLIGENT MOBILITY SOLUTION" is a bona fide work carried out by

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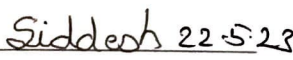
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in partial fulfillment for the award of **BACHELOR OF ENGINEERING** in **ELECTRONICS & COMMUNICATION ENGINEERING** of the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI** during the year 2022–2023. It is certified that all corrections/suggestions 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 the Project work prescribed for the Bachelor of Engineering Degree.


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ABSTRACT

Intelligent mobility solutions and accident detection systems are critical components in improving road safety and reducing the number of road accidents. One key area of focus for these systems is alcohol detection, which can significantly reduce the number of accidents caused by impaired driving. The integration of advanced technologies, such as artificial intelligence and machine learning algorithms, enables intelligent mobility solutions to identify and predict potential hazards on the road, as well as provide real-time information to drivers and authorities. These systems can also assist in optimizing traffic flow and reducing congestion, thereby enhancing overall traffic efficiency. Accident detection systems equipped with alcohol detection sensors can alert authorities when a driver is under the influence, allowing for timely intervention and prevention of potentially fatal accidents. This technology can also provide valuable data to law enforcement agencies, helping them to identify trends and patterns related to impaired driving. Overall, the integration of intelligent mobility solutions and accident detection systems with alcohol detection capabilities represents a significant step forward in improving road safety and reducing the number of accidents caused by impaired driving.