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**VISVESVARAYA TECHNOLOGICAL UNIVERSITY,BELAGAVI-**

**590 018**



**A MICRO PROJECT REPORT ON  
“Anti-lock brakes with traction control at a low cost”**

**Submitted By,**

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**Under the Guidance of**

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**DEPARTMENT OF BASIC SCIENCES**

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**MOODBIDRI-574225, KARNATAKA**

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**DEPARTMENT OF BASIC SCIENCES**

**CERTIFICATE**

This is to certify that the Micro-Project entitled “**Anti-lock brakes with traction control at a low cost**” has been Successfully Completed by

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The bonafide students of **Department of Basic Sciences, Alva's Institute of Engineering and Technology**, affiliated to **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**, during the academic year 2020–2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The report has been approved as it satisfies the academic requirements in respect of Micro-Project work prescribed for Bachelor of Engineering.

**Mr. Gopala Krishnna**  
Mini Project Guide

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## **ABSTRACT**

In this project we created a traction control system that detects wheel slip and adjusts the wheel velocity as needed. Robotic vehicles are growing more complicated, and high levels of movement control are frequently required. When a vehicle's wheels start to slip, it's best to modify the speed of the wheels so that the vehicle moves in the desired direction.