

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi Karnataka-590018



## PROJECT REPORT

on

**“BIDIRECTIONAL SIGN LANGUAGE TRANSLATOR USING AI-ML”**

*Submitted in the Partial fulfillment of the requirement for the degree*

*of*

**Bachelor of Engineering**

*in*

**Electronics and Communication Engineering**

*Submitted by*

**Ms. Gayatri M Patil**

**2MM21EC004**

**Mr. Omkar V Karbhoi**

**2MM21EC008**

**Mr. Rohan D Sutar**

**2MM21EC009**

**Ms. Yasira Z Belvadi**

**2MM21EC014**

*Under the guidance of*

**Prof. Sandhya B**



**Department of Electronics and Communication Engineering**

**MARATHA MANDAL'S ENGINEERING COLLEGE, BELAGAVI**

**R.S. No. 104, Halabhavi, P.O. New Vantmuri, Belagavi-591 156**

**2024-2025**

## **DECLARATION**

We, the students of Eighth-semester BE in Electronics and Communication Engineering, hereby declare that this project report entitled **“BIDIRECTIONAL SIGN LANGUAGE TRANSLATOR USING AI-ML”** embodies the details of our project completed at the Department of Electronics and Communication Engineering, MARATHA MANDAL’S ENGINEERING COLLEGE, BELAGAVI under the guidance of **Prof. Sandhya B**, Department of Electronics and Communication Engineering, MARATHA MANDAL’S ENGINEERING COLLEGE, BELAGAVI. This report is submitted in partial fulfillment of the Bachelor of Engineering in Electronics and Communication Engineering from Visvesvaraya Technological University, Belagavi for 2024-25.

**Ms. Gayatri M Patil**  
**Mr. Omkar V Karbhoi**  
**Mr. Rohan D Sutar**  
**Ms. Yasira Z Belvadi**

**2MM21EC004**  
**2MM21EC008**  
**2MM21EC009**  
**2MM21EC014**

Place: Belagavi  
Date:

