

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI – 590018**



**A Project Report on
“HAND TO HEART: AI-DRIVEN TRANSLATION SYSTEM
USING NLP”**

Submitted in partial fulfillment of the requirements of the Award of degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

Submitted By

NISHANTH	[4JK20CS032]
MOUNA R R	[4JK21CS400]
PRAJNA P	[4JK21CS401]
SUSHMA MALLESH KAIKAD	[4JK21CS402]

UNDER THE GUIDANCE OF

Mrs. Snitha Shetty

Assistant Professor, Department of Computer Science & Engineering



**Department of Computer Science and Engineering
A J INSTITUTE OF ENGINEERING AND TECHNOLOGY**

NH-66, Kottara Chowki, Mangaluru – 575006, Karnataka, India

A unit of Laxmi Memorial Education Trust®

(Approved by AICTE, New Delhi, affiliated to VTU Belagavi, Recognized by Govt. of Karnataka)

Accredited by NBA (BE: CV, CSE, ECE, ISE, ME)

2023-2024



A J INSTITUTE OF ENGINEERING AND TECHNOLOGY

NH-66, Kottara Chowki, Mangaluru - 575006, Karnataka, INDIA

A Unit of Laxmi Memorial Education Trust[®]

(Approved by AICTE, New Delhi, Affiliated to Visveswaraya Technological University, Belagavi)

Accredited by NBA (BE: CV, CSE, ECE, ISE, ME)

Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the Project entitled “**HAND TO HEART: AI-DRIVEN TRANSLATION SYSTEM USING NLP**” is a bonafide work carried out by **NISHANTH (4JK20CS032)**, **MOUNA R R (4JK21CS400)**, **PRAJNA P (4JK21CS401)** & **SUSHMA MALLESH KAIKAD (4JK21CS402)** of 8th semester Computer Science and Engineering in partial fulfillment for the award of the degree of **Bachelor of Engineering in Computer Science & Engineering** of the **Visveswaraya Technological University, Belgavi** during the academic year 2023-2024. It is certified that all the suggestions and corrections indicated for the internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the requirements in respect of project work prescribed for the said degree.

Signature of Guide

Mrs. Snitha Shetty

(Assistant Professor)

Signature of HOD

Dr. Antony P J

H.O.D., Dept of CS&E
A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY
Mangaluru - 575 006, D.K., Karnataka

Signature of Principal

Dr. Shantharama Rai C

Principal, AJIET, Mangaluru)

Principal

A.J. Institute of Engineering & Technology

Mangaluru - 575 006

Signature with Date

Examiners

1. **Supriya Salian**
2. **USHA CS**

