VISVESVARAYA TECHNOLOGICAL UNIVERSITY
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MINI PROJECT REPORT

OF

"VOICE BASED EMAIL SYSTEM TO ASSIST BLIND PEOPLE"

Submitted by

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Under the Guidance

of

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CERTIFICATE

Certified that the mini project work entitled **"VOICE BASED EMAIL SYSTEM TO ASSIST BLIND PEOPLE"** *is a bonafide work carried out by*

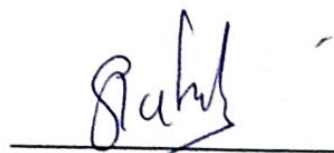|	
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in partial fulfilment for the award of **BACHELOR OF ENGINEERING** in **INFORMATION SCIENCE AND ENGINEERING** of the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM** during the year 2022-2023 It is certified that all corrections/suggestions indicated 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 project work prescribed for the Bachelor of Engineering Degree.

Dr. Pradeep.V

Project Guide

Dr. SUDHEER SHETTY

Head of Department

ABSTRACT

In this project, the voicemail system architecture that can be used by a blind person to access e-mails easily and efficiently. The contribution made by project has enabled the blind people to send and receive voice-based e-mail message. The proposed system GUI has been evaluated against the GUI of a traditional mail server and found that the proposed architecture performs much better than that of the existing GUIS. In this project, the use of voice to text and text to voice technique access for blind people. Also this system can be used by any normal person also for example the one who is not able to read. The system is completely based on interactive voice response which will make it efficient.voice-Email is a tool that enables blind or visually impaired users to access and interact with email using voice commands. The tool uses speech synthesis and text-to-speech technology to convert email content into spoken language, allowing users to hear and understand the content of their emails. The goal of the project is to create a simple and intuitive interface that allows users to easily access, search, and respond to emails using voice commands. Through this project, we hope to make online communication more accessible and inclusive for people with disabilities.