Report On

Title of the Mini Project

Submitted in partial fulfillment of the requirements of the Mini project in

Semester V of Third Year Computer Engineering

by

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**(A.Y. 2024-25)**

**Vidyavardhini's College of Engineering & Technology**

**Department of Computer Engineering**

**CERTIFICATE**

This is to certify that the Mini Project entitled **“ EmoTrack ”** is a bonafide work of **Omkar Pashte(46), Suyash Palkar(42) and Piyush Kushe(24)** submitted to the University of Mumbai in partial fulfillment of the requirement for the award of the degree of **“Bachelor of Engineering”** in Semester V of Third Year **“Computer Engineering”.**

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**Vidyavardhini's College of Engineering & Technology**

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# Mini Project Approval

This Mini Project entitled “EmoTrack**”** by **Omkar Pashte(46), Suyash Palkar(42) and Piyush Kushe(24)** is approved for the degree of **Bachelor of Engineering** in in Semester V of Third Year **Computer Engineering .**

**Examiners**

**1………………………………………**

(Internal Examiner Name & Sign)

## 2…………………………………………

(External Examiner name & Sign)

Date: Place:

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**Abstract**

This project presents a novel system designed to monitor and analyze facial expressions during an interview, providing insights into the emotional state of the interviewee. The system utilizes advanced computer vision and machine learning techniques to identify emotions such as confidence, excitement, nervousness, and fear, generating a comprehensive report on the interviewee's sentiment. The developed system aims to provide a more accurate and objective assessment of an individual's emotional state, enabling interviewers to make more informed decisions. This report details the design, implementation, and evaluation of the emotion detection system, highlighting its potential applications in various fields, including human resources, psychology, and marketing.