**** **AUTOMATED RESTAURANT FEEDBACK**

**SYSTEM USING FACIAL EXPRESSION**

**ANALYSIS**

**A PROJECT REPORT**

*Submitted by*

**RAMESH GIRI 310520104096**

**SANTOSH KUMAR 310520104111**

**VIVEK CHAUHAN 310520104140**

## RANJIT KUMAR 3105201044098

*in partial fullfillment for the award of the degree of*

# BACHELOR OF ENGINEERING

*in*

## COMPUTER SCIENCE AND ENGINEERING

**DHANALAKSHMI SRINIVASAN**

**COLLEGE OF ENGINEERING AND TECHNOLOGY**

**MAMALLAPURAM, CHENNAI -603 104**

**ANNA UNIVERSITY :: CHENNAI -600 02 MAY : 2024**



**BONAFIDE CERTIFICATE**

Certified that this project report “**AUTOMATED RESTAURANT FEEDBACK SYSTEM USING FACIAL EXPRESSION ANALYSIS”** is the bonafide work of **“RAMESH GIRI (310520104096) SANTOSH KUMAR (310520104111) VIVEK CHAUHAN (310520104140),** and **RANJIT KUMAR (3105201040998)”** who carried out the project work under my supervision.

## SIGNATURE SIGNATURE

## HEAD OF THE DEPARTMENT SUPERVISOR

## Dr. K JOHN PETER, Ph. D Ms Priyadharshini, M.E.

## Associate Professor Assistant Professor

## Department of Computer Science Department of Computer Science and Engineering, and Engineering,

Dhanalakshmi Srinivasan College Dhanalakshmi Srinivasan College of Engineering & Technology, of Engineering & Technology, Mamallapuram, Chennai. Mamallapuram, Chennai.

Submitted for the project viva voce examination held on

## INTERNAL EXAMINER EXTERNAL EXAMINER

**ACKNOWLEDGEMENT**

First of all, we thank, Our **Almighty** for his blessings upon us to strengthen our mind and soul to take up this project. We owe a great many thanks to a great many people who helped and supported us in this project.

We thank Our **Chairman, Thiru. A. Srinivasan** who allowed us to do the project.

We extremely thank to Our **Director, Thiru. P. Mani** for his constant support in selecting the project.

We are also thankful to Our **Principal**, **Dr. R. Saravanan, (Ph.D.),** for his constant support to do project.

We are grateful to Our **Head of the Department**, **Dr.K John Peter**, **Ph.D** who expressed his interest and guide in our work and supplied with some useful ideas.

We thank Our **Guide,** **Ms Priyadharshini, M.E.** for following our project with interest and for giving me constant support. She taught us not only how to do the project, but also how to enjoy project.

We wish to extend our grateful acknowledgement and sincere thanks to our project coordinators, **Dr. K John Peter** and **Mrs.K.Senbagam,** for their constant encouragement and kind support in completing the project

Furthermore, we would like to thank all our **Teaching Faculty and Non-teaching Faculty** for their timely help in solving any project queries.

Finally, we would like to thank our Parents for their blessings, support and encouragement throughout our life.