A

Project Report

On

# RESTAURANT REVIEW ANALYSIS USING AI CLASSIFICATION SYSTEM

*Submitted to*

Department of

**Computer Science and Engineering**

By


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Under the guidance

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**SUMATHI REDDY INSTITUTE OF TECHNOLOGY for WOMEN**

*(Approved by AICTE, New Delhi; Affiliated to JNTU, Hyderabad)*

Ananthasagar(Vill), Hasanparthy(M), Warangal – 506 371 (A.P.), Website : www.sritw.org


**2022-2023**

S.R.I.T. FOR WOMEN ★ WARANGAL ★

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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## CERTIFICATE

This is to certify that the project entitled **"RESTAURANT REVIEW ANALYSIS USING AI CLASSIFICATION SYSTEM"** is submitted by KAWADE JYOTHI(206Y1A0541), ADHI VARSHA(206Y1A0502), KURMA BHAVANA(206Y1A0553) and CHINTHIREDDY INDHU(206Y1A0520) to the department of Computer Science and Engineering during academic year 2022-23.

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## ABSTRACT

One of the most effective tools any restaurant has is the ability to track food and also in beverage sales daily. Currently, Recommender systems plays an important role in both academia and industry. These are very helpful for managing information overload. In this paper, we applied machine learning techniques for user reviews and analyze valuable information in the reviews. Reviews are useful for making decisions for both customers and owners. We build a Machine learning model with Natural Language Processing techniques that can capture the user's opinions from users' reviews. For experimentation, the python language was used.