#### Project Report

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#### HOUSE PRICE PREDICTION USING MACHINE LEARNING

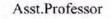
Submitted to

Department of Computer Science and Engineering

By

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Under the guidance Of Mr.A.MAHESH





# **Department of Computer Science & Engineering**

## 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

PRINCIPAL Sumathi Reddy Institute of Technology for Women Ananthasagar (V), Hasanparthy (M) WARANGAL - 506 371 (T.S.)



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### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



#### CERTIFICATE

This is to certify that the project entitled "HOUSE PRICE PREDICTION USING MACHINE LEARNING" is submitted by SHEELAM GNANA NIKITHA(216Y5A6605), PENDHOTA SAHITHI PRIYA(206Y1A6643), NARLAGIRI SAI HARSHITHA(206Y1A6637) and LAKUM HARSHINI(206Y1A6631) to the department of Computer Science and Engineering during academic year 2022-23.

Mr.A.MAHESH **Project Guide** 

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## ABSTRACT

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The aim of this project is to implement prediction of stock prices using machine learning. Machine learning is effectively implemented in forecasting stock prices. The proposed objective is to predict the stock prices in order to make more informed and accurate investment decisions. We use LSTM model to implement stock price prediction system that integrates mathematical functions, machine learning, and other external factors for the purpose of achieving better stock prediction accuracy and issuing profitable trades. This is important in our case because the previous price of a stock is crucial in predicting its future price. While predicting the actual price of a stock is an uphill climb, we can build a model that will predict whether the price will go up or down.



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