**Stock Market Prediction Using Neural Network Classification Model**

Submitted in partial fulfillment of the requirements

of the degree of

Bachelor of Engineering

by

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**Project Report Approval for B. E.**

This thesis/dissertion/project report entitled Stock Market Prediction Using Hybrid Model by *Sumedh Phadke, Parin Sanghavi* and *Ravi Bhanushali* is approved for the degree of Computer Engineering.

Examiners

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**Abstract**

The Indian stock market has a highly stochastic nature which requires a highly sophisticated model for forecasting stock prices. Neural networks, as artificial intelligence (AI) methods, have application in many fields and can be applied to predict the future of the stock prices based on the past data. This report explains the proposed model to predict the share price using Artificial Neural Network with given input parameters of share markets. The proposed artificial neural network model is not designed to predict the exact values of the stocks rather it is designed to predict whether the stock price for any particular stock will increase or decrease for the following day.

In order to predict this rise or fall in stock prices we rely on the data provided by NSE India which is then processed. Previous research about Stock Market prediction using various methods has been studied before designing the model. Our aim is to design a model to predict stock prices with a better accuracy than the available algorithms.

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