

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**  
"Jnana Sangama", Belagavi-560014, Karnataka



A PROJECT REPORT ON

**"STOCK MARKET PREDICTION SYSTEM USING MACHINE  
LEARNING"**

*SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE  
AWARD OF THE DEGREE*

**BACHELOR OF ENGINEERING  
IN  
COMPUTER SCIENCE & ENGINEERING**

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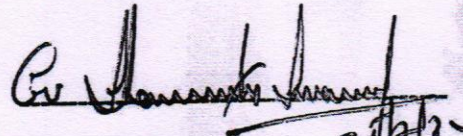
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## CERTIFICATE

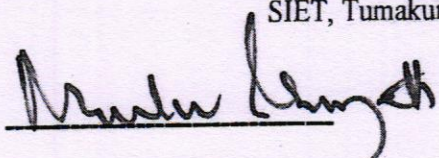
This is to certify that, the project entitled "STOCK MARKET PREDICTION USING MACHINE-LEARNING" has been successfully carried out by Bhavya H P [1SV18CS007], Nanda T M [1SV18CS029], Priyadarshini R [1SV18CS030] and Vivekanand Math [1SV18CS046] in partial fulfillment for the award of **Bachelor of Engineering in Computer Science & Engineering** of the **Visvesvaraya Technological University, Belagavi** during the academic year 2021-22. It is certified that all the corrections/suggestions indicated for internal assessments have been incorporated in the report. The project report has been approved as it certifies the academic requirements in respect of **Project work-II** prescribed for the Bachelor of Engineering Degree.

  
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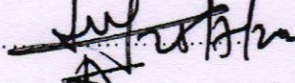
  
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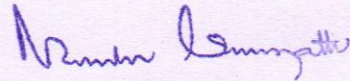
  
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## ABSTRACT

In Stock Market Prediction, the aim is to predict the future value of the financial stocks of a company. The recent trend in stock market prediction technologies is the use of machine learning which makes predictions based on the values of current stock market indices by training on their previous values. Machine learning itself employs different models to make prediction easier and authentic. The paper focuses on the use of SVM and LSTM based Machine learning to predict stock values.

**Keywords:** LSTM, LSM, Trade Open, Trade Close, Trade Low, Trade High



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