#### VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI



Mini Project report on

## “CRYPTOCURRENCY”

Submitted in partial fulfillment of the requirements for the 6th semester mini project

**BACHELOR OF ENGINEERING IN**

#### COMPUTER SCIENCE AND ENGINEERING

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## S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY

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## CERTIFICATE

This is to certify the project work entitled “**CRYPTOCURRENCY”** has been successfully carried out by **A MONISH GOWDA (1SP21CS001), DUMPA MAHENDRA (1SP21CS026), IMPANA A J (1SP21CS033)** and **MITHALI M S (1SP21CS051)** of 6th semester in partial fulfillment for the award of **Bachelor of Engineering in Information Science And Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year **2023-24**. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Guide Signature of coordinator Signature of HOD Signature of Principal

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#### ABSTRACT

A cryptocurrency is a digital currency, which is an alternative form of payment created using encryption algorithms.The use of encryption technologies means that cryptocurrencies function both as a currency and as a virtual accounting system. To use cryptocurrencies, you need a cryptocurrency wallet. Thes wallets can be software that is a cloud-based service or is stored on your computer or on your mobile device. The wallets are the tool through which you store your encryption keys that confirm your identity and link to your cryptocurrency. Improving our understanding of the cryptocurrency markets and performing successful cryptocurrency investments takes a considerable amount of time and skill. With the recent emergence of many artificial intelligence (AI) and machine learning (ML) tools, investors and traders are increasingly looking to develop more efficient mechanisms of investing. Both AI and ML are proving to be efficient in crypto markets as crypto investing is adopted by further institutional and individual investors. In this project, our primary objective is to analyze data on historical prices of various cryptocurrencies, depict the trends graphically and try to predict future prices using ML models.

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