



**KIET Group of Institutions, Delhi-NCR,
Ghaziabad (UP)**

**BACHELOR OF TECHNOLOGY
COMPUTER SCIENCE AND ENGINEERING**

**Price Tracking Application for cryptocurrencies using
Blockchain Technology and coin market APIs**

Major Project Synopsis

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DECLARATION

We hereby declare that this submission is our work and that, to the best of our knowledge and belief, it contains no material previously published or written by another person nor material which to a substantial extent has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgement has been made in the text.

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Date:

Signature of Student:

Name:

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Date :

Signature of Student:

CERTIFICATE

This is to certify that Project Report entitled "Crypto Chaser" which is submitted by Samridhi Srivastava, Roop Shikha, Priyanka Gupta in fulfilment of the requirement for the award of degree B. Tech. in Department of Computer Science And Engineering of Dr A.P.J.Abdul Kalam Technical University, Lucknow is a record of the candidates own work carried out by them under my supervision. The matter embodied in this report is original and has not been submitted for the award of any other degree.

Date:

Supervisor Signature:

Supervisor Name (Assistant Professor):

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ABSTRACT

Crypto Chaser is the price-tracking website for crypto assets in the rapidly growing cryptocurrency space.

Its mission is to make crypto discoverable and efficient globally by empowering retail users with unbiased, high quality and accurate information for drawing their own informed conclusions.

Firstly, the Indian government's stance on cryptocurrencies has changed from being hostile to favourable.

Secondly, the Reserve Bank of India (RBI) has recently issued a circular that allows banks to provide banking services to cryptocurrency exchanges.

Finally, the future of cryptocurrencies in India looks promising and full of growth.

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- ❖ Introduction to Crypto Chaser
- ❖ Introduction to Blockchain
- ❖ Technologies and the Tools used
- ❖ Future Scope

INTRODUCTION

Crypto Chaser is blockchain based one of the preferred cryptocurrency price-tracking websites. Crypto Chaser is a hub for data on prices, trading volumes, market capitalization and other metrics for thousands of cryptocurrencies and hundreds of exchanges.

Cryptocurrency is a class of digital assets created using cryptographic techniques that enable people to buy, sell or trade them securely.

Cryptocurrencies are supported by a technology known as Blockchain, which maintains a tamper-resistant record of transactions and keeps track of who owns what.

Introduction to Blockchain

- ❖ Blockchain technology is a decentralized, distributed ledger that stores the record of ownership of digital assets.
- ❖ Blockchain is the backbone Technology of Digital Cryptocurrency Bitcoin.
- ❖ Blockchain Technology first came to light when a person or Group of individuals name “**Satoshi Nakamoto**” published a white paper on Bitcoin.
- ❖ Blockchain is a distributed database or ledger that is shared among the nodes of a computer network.

TECHNOLOGIES & TOOLS

HTML, CSS & JavaScript

Tailwind CSS

Ethereum

Blockchain Moralis

Database

Rust

MetaMas

Next JS

Coin Market Cap

API Netlify

Microsoft VS Code

FUTURE SCOPES

- ❖ Firstly, the Indian government's stance on cryptocurrencies has changed from being hostile to favourable.
- ❖ Secondly, the Reserve Bank of India (RBI) has recently issued a circular that allows banks to provide banking services to cryptocurrency exchanges.
- ❖ Thirdly, the Supreme Court of India has lifted the ban on cryptocurrencies.
- ❖ Finally, the future of cryptocurrencies in India looks promising and full of growth.

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