SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY
BENGALURU -562157

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

<u>CERTIFICATE</u>

It is certified that the project work entitled **"Prediction And Analysis Of Trends In Cryptocurrency Market"** is a bona fide work carried out by **Saurabh Prakash (1MV14CS093) and Sudarshan Kumar(1MV14CS109)** in partial fulfilment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of the Visvesvaraya Technological University, Belagavi during the year 2017-2018 It is certified that all corrections and suggestions indicated for Internal Assessment have been incorporated in the report The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the course of Bachelor of Engineering

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External Examination:

Name of the Examiners   Signature with Date

1)

2)

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- Saurabh Prakash(1MV14CS093)
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DECLARATION

We hereby declare that the entire project work embodied in this dissertation has been carried out by us and no part has been submitted for any degree or diploma of any institution previously

Place: Bengaluru

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ABSTRACT

In the recent years, cryptocurrencies have become quite famous among the masses and even the governments are channelizing their attention on them Today cryptocurrencies have become a global phenomenon known to most people While still somehow geeky and not understood by many, banks, governments and many companies are aware of its importance Almost all the major banks, big accounting firms, prominent software companies or governments have done research on cryptocurrencies, published a paper about it or started a so-called block chain-project

One fascinating aspect of the cryptocurrency market is the way the prices of different cryptocurrencies fluctuate If we go by the news, in 2010 a guy named Laszlo Hanyecz used 1000 Bitcoins, the first and the most prominent cryptocurrency till date, to buy two pizzas, whose valuation today is 98866900 USD

So this brings us to a few questions How does the Cryptocurrency market behave? What are the causes of the sudden spikes and dips in the prices of different cryptocurrencies? Are the markets for different coins inseparably linked or largely independent? How can we predict what will happen next?

Our project tries to find answers to these questions by applying Data Analysis on a set of Cryptocurrency data Also, it tries to compare the Cryptocurrency market with other markets and derive some relationships between them Lastly, it tries to predict how the Cryptocurrency market is going to behave in future, how the prices of different cryptocurrencies will rise and how much it depends on the decisions taken by governments and banks of different countries

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