

# IMPACT OF CRYPTOCURRENCY ON TEENAGERS IN INDIA

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**Abstract:** *There are 20,268 crypto currencies as on the market till July 2022 and each crypto currency has their own particular behavior in crypto world. Crypto currencies have few things in common such as tendency to experience sudden spikes and drops in their respective values. Crypto prices are impacted by supply of coins in crypto market from miners and the demand in market for purchase by the purchasers or investors and the supply-demand dynamics can result in good hefty returns for an individual. The research study has focused on the impact of crypto currency on teenagers in Indian society. The study has also highlighted the advantages of crypto currency on teenagers. Study has highlighted the drawbacks or disadvantages of crypto currency on teenagers. The research study has also put light on the impact of crypto currency on Indian economy. For the study qualitative and quantitative data methods were used and data has been collected by questionnaire method and this research study has collected sample of 100 respondents, from under graduate colleges of Mumbai region enrolled in programs like BSc -IT and BCA. It was observed that crypto currency has impacted Indian Society.*

**Keywords:** *Crypto Currency, Teenagers, India, Economy, Blockchain ,Bitcoin, Meme Coins.*

## Introduction

Crypto currency is a virtual currency that is highly secured by cryptography technique, and this technique makes it extremely impossible to double spend. Most of crypto currencies in crypto market are decentralized and based on a technology known as Blockchain technology i.e distributed ledger by a disparate networks of nodes. World economies are all about money economies and all economies have already accepted certain fiat currencies as medium or mode of exchange for goods and services. The fiat currency money supply causes inflation and even deflation in any countries economy by its excessive supply and contraction in money supply, therefore currencies of different countries of the entire globe which are regulated by their respective governments in order to combat the inflation or deflation situations in their respective borders. In this era most of the countries in the globe have started focusing their attention

towards digital currency and digital transactions for goods and services. Therefore this thought has brought a major innovation in currency that is a new currency called as crypto currency. It is an extreme advanced and regulation free currency. This new currency has made a major impact on teenagers in India and all over the world. In this article I have made an attempt to study the impact regarding of crypto currency on teenagers and economy of India and its benefits and drawbacks' no teenagers and future prospectus of it on teenagers in Indian society.

## **Literature Review**

Bala.A [2022], the author speaks about the the most advanced, ambiguities, regulation free currency known as crypto currency. The author has highlighted the different types of crypto currencies and the supply management and scope of crypto in India.

Hamdulay.N [2019], the author in his study speaks about on various digital currencies of the world and has put lime light on the currency known as Petro that is backed by the Venezuela county government. The research study explains various schemes, plans, strategies that are related to digital currency PTR of country Venezuela.

Kurihara & Fukushima [2017], the author explains, that it is not fiat cash currency, which has been prevailed over the entire globe. Bitcoin crypto currency can be inflated as well and the supply of Bitcoin crypto is very limited to a certain amount of volume, which cannot be changed in future.

Shailak.J [2018], the author in the study has explored the terms of regulations and legislations of 21 different countries towards crypto currencies to develop a very clear view of its impact towards the various laws in country India in order to regulate it for its citizens.

Vora [2015], the research study has explained that all crypto currencies are a well development concept and they will all offer competition to all the existing modalities of money n the world and to all government regulations. The researcher has also highlighted that it will provide alternate ways to all economic agents for their transactions existence, and crypto's innovative existence can be encouraged so that it can help all the developing countries to come forward and boost their economy and enhance their society of living.

Wonglimpiyarat [2016], the researcher has highlights the obstacles of all lawless tender where Bitcoin crypto currency wants all government's legislation to boost up the permissibility of this newest crypto currency. Bitcoin crypto currency has transformed the future of banking sector in all developing countries but it is very hard to substitute a cash currency based society of any country.

## **Objectives**

This study has focused on how crypto currency impacts teenagers in Indian society.

The objectives are as follows:

1. To study the impact of crypto currency on teenagers.
2. To study the impact of crypto currency on Indian economy.
3. To explore the advantages of crypto currency on teenagers.
4. To explore the disadvantages of crypto currency on teenagers.

## **Research Methodology**

Qualitative and quantitative methods have been used for the research paper study. While conducting this study primary data was gathered through survey questionnaires, were prepared for data collection. There were 10 questions that the participants or respondents had to answer and the questions were based on crypto currency and related platforms to crypto and impact of crypto currency on Indian society. The respondents were given sufficient time frame to understand and ask clarification about the study and questionnaire if they had any before completion of the questionnaire. The targeted 100 respondents were individuals from under graduate colleges of Mumbai region enrolled in programs like BSc -IT and BCA. While conducting the study the response rate was 100%.

## **Impact of crypto currency on teenagers**

India is a country with a population of 1.39 billion and from which 371.4 million are teenagers. The generation of Indian society has shown a positive attraction towards the crypto currencies market in India. The teenagers have adopted the blockchain platform that supports crypto currency very well. There are some teenagers who have upgraded themselves as blockchain developer and also know how to mine crypto currency such as Bitcoin and have become miners for mining different types of crypto currency in digit currency industry. Few smart teenagers have shown their skill sets in trading crypto's and became professional experts of crypto traders in the industry. There are few companies in India like WazirX, Coin DCX and coinswitch kuber founded by bitcipher labs LLP that established between year 2017 to 2018 made crypto currency more famous in Indian society and uplifted the digit currency market in India to next level by selling Bitcoin at 100 INR and referring a friend and if that friend purchases any crypto of rupees 100 INR then rewarding the referred individual with any crypto currency that the wallets want to give them as reward bonus. This idea started the biggest craze in Indian society among teenagers

and therefore some teenagers invested their pocket money savings into buying, selling and trading crypto currencies that they could afford for earning profit. The study found out that meme coins are very popular among teenagers as they are cheap to invest and give good high returns at point of time. The crypto industry has generated many part time jobs for teenagers like miner, blockchain architect, blockchain developer, crypto trader like BITCOIN/ETHERUM/NEO/TRX, crypto auditor and many more. Hence this study has observed that crypto currency has impacted the life's of teenagers in India and as well as all over the world.

### **Impact of crypto currency on Indian Society**

India is a country with a population of 1.39 billion and it has been strong on economic renaissance from last few years. IMF has said India is the fastest growing emerging economy in the globe. 45 percent of the India's population has access to all services of telecoms and as well as internet services. India is full of mystery stories, history, and historical culture; it does not fall behind when it comes towards various digital technological advancements. Bitcoin and Ethereum and many more other crypto currencies have been circulating and having its operations inside the country for a number of years now. This research article looks at the impact of the Indian society on crypto currency market. In the year 2012 we could see small scale Bitcoin crypto transactions were taking place inside the country. During the early days of Bitcoin only individual crypto hobbyists were interested in investing in Bitcoin. In the year 2013, Bitcoin crypto currency started to gain a next level of popularity in India and it also started to spread across many countries of the globe. The year 2013, a few businesses in Indian industry started to accept Bitcoin crypto payments for goods and services in Indian society. For example a vintage pizza shop known as Kolonial in the Worli area of Mumbai region became the first restaurant service provider in India to accept Bitcoin payments for its services to the Indian consumers. In very short span of time in Indian society, crypto currency exchanges started to spring up inside the country such as BtcxIndia and Coinsecure had began offering services for crypto currency exchange and trading services in Indian society. After a time, other companies like Zebpay, Koinex, and Bitcoin India were added to the list of companies offering crypto services in India. In addition to this, various Bitcoin ATMs were installed in major Indian cities and that had started the new making of crypto economic hubs in Indian society. The year 2016 in which the demonetization policy was announced in Indian society has spurred the adoption towards crypto currencies among individuals and soon it began to emerge the growth of the crypto market in the country. Despite of vast population, India contributes 10 percent of the total global crypto

currency market capitalization. Small role played by such a large Indian economy can be attributed due to the high crypto currency prices compared to other countries and the RBI led government strict crackdown rules like 30 percent of taxation on profit earned on investments in crypto currencies by an individual in Indian society.

### Threats of crypto currency on world economy

- **Money laundering**

It is one of the high risks that are very likely to be raised with the circulation of crypto currencies especially with digital platforms that enable individuals to exchange crypto currency with real money. Let's take a practical life case example that has occurred in Korea in the year 2008, the Korean police arrested a group of 14 individuals for money laundering of \$38 million amount that was generated by gold farming. The group had converted the amount of \$38 million, which was generated by gold farming, from Korea towards a paper company in China as payments for purchases in form of crypto currency.

- **Collapse concerns in crypto currency systems**

Unlimited issuing of a specific crypto currency coin or coins in the variety of crypto market it will lead to economic disaster since issuing the currency is not based on the demand and supply. It is possible for some crypto currency providers for example Second Life can issue unlimited Linden Dollars and it will increase the virtual items value in order to generate more real money revenues. Therefore, it will suffer inflation problem and major economic issues which will lead to collapse in the crypto currency market.

## Data Analysis

### Q1. Do you know what is crypto currency?

Opinion	Respondents	Percentage
Yes	100	100
No	0	0
Total	100	100

Table 1.1

Sample Standard Deviation, $s$	70.710678118655
Variance (Sample Standard), $s^2$	5000
Population Standard Deviation, $\sigma$	50

Variance (Population Standard), $\sigma^2$	2500
Total Numbers, N	2
Sum:	100
Mean (Average):	50
Standard Error of the Mean (SE $\bar{x}$ ):	50

Table 1.2 **Source: Compile by the Researcher**

100% of the respondents have said yes that they know about crypto currency.

### Q2. Do know what is Blockchain?

Opinion	Respondents	Percentage
Yes	100	100
No	0	0
Total	100	100

Table 2.1

Sample Standard Deviation, s	70.710678118655
Variance (Sample Standard), $s^2$	5000
Population Standard Deviation, $\sigma$	50
Variance (Population Standard), $\sigma^2$	2500
Total Numbers, N	2
Sum:	100
Mean (Average):	50
Standard Error of the Mean (SE $\bar{x}$ ):	50

Table 2.2 **Source: Compile by the Researcher**

100% of the respondents have said yes that they know about blockchain.

### Q3. Have you heard about DeFi?

Opinion	Respondents	Percentage
Yes	82	82
No	18	18
Total	100	100

Table 3.1

Sample Standard Deviation, s	45.254833995939
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Variance (Sample Standard), $s^2$	2048
Population Standard Deviation, $\sigma$	32
Variance (Population Standard), $\sigma^2$	1024
Total Numbers, N	2
Sum:	100
Mean (Average):	50
Standard Error of the Mean (SE $\bar{x}$ ):	32

Table 3.2 **Source: Compile by the Researcher**

82% of the respondents have said yes that they have heard about Defi and 18% of the respondents have said no that they have not heard about Defi.

#### **Q4. Have you heard about Metaversa?**

Opinion	Respondents	Percentage
Yes	82	82
No	18	18
Total	100	100

Table 4.1

Sample Standard Deviation, $s$	45.254833995939
Variance (Sample Standard), $s^2$	2048
Population Standard Deviation, $\sigma$	32
Variance (Population Standard), $\sigma^2$	1024
Total Numbers, N	2
Sum:	100
Mean (Average):	50
Standard Error of the Mean (SE $\bar{x}$ ):	32

Table 4.2 **Source: Compile by the Researcher**

82% of the respondents have said yes that they have heard about Metaversa and 18% of the respondents have said no that they have not heard about Metaversa.

#### **Q5. Have you invested in cryptocurrency?**

Opinion	Respondents	Percentage
Yes	57	57
No	43	43
Total	100	100

Table 5.1

Sample Standard Deviation, $s$	9.8994949366117
Variance (Sample Standard), $s^2$	98
Population Standard Deviation, $\sigma$	7
Variance (Population Standard), $\sigma^2$	49
Total Numbers, $N$	2
Sum:	100
Mean (Average):	50
Standard Error of the Mean ( $SE\bar{x}$ ):	7

Table 5.2 **Source: Compile by the Researcher**

57% of the respondents have said yes that they have invested in cryptocurrency and 43% of the respondents have said no that they have not invested in cryptocurrency.

**Q6. Do you know about CoinDCX, Wazaire and different wallets for buying and selling cryptos?**

Opinion	Respondents	Percentage
Yes	100	100
No	0	0
Total	100	100

Table 6.1

Sample Standard Deviation, $s$	70.710678118655
Variance (Sample Standard), $s^2$	5000
Population Standard Deviation, $\sigma$	50
Variance (Population Standard), $\sigma^2$	2500
Total Numbers, $N$	2
Sum:	100
Mean (Average):	50



Standard Error of the Mean (SE $\bar{x}$ ):	50
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Table 6.2 **Source: Compile by the Researcher**

100% of the respondents have said yes that they know about CoinDCX, Wazaire and different wallets for buying and selling cryptos.

**Q7. Have you invested in Bitcoin and Ethereum?**

Opinion	Respondents	Percentage
Yes	38	38
No	62	62
Total	100	100

Table 7.1

Sample Standard Deviation, $s$	16.970562748477
Variance (Sample Standard), $s^2$	288
Population Standard Deviation, $\sigma$	12
Variance (Population Standard), $\sigma^2$	144
Total Numbers, $N$	2
Sum:	100
Mean (Average):	50
Standard Error of the Mean (SE $\bar{x}$ ):	12

Table 7.2 **Source: Compile by the Researcher**

38% of the respondents have said yes that they have invested in Bitcoin and Ethereum and 62% of the respondents have said no that they have not invested in Bitcoin and Ethereum.

**Q8. Have you heard about Meme crypto coins?**

Opinion	Respondents	Percentage
Yes	92	92
No	8	8
Total	100	100

Table 8.1

Sample Standard Deviation, $s$	59.39696961967
Variance (Sample Standard), $s^2$	3528
Population Standard Deviation, $\sigma$	42
Variance (Population Standard), $\sigma^2$	1764
Total Numbers, $N$	2
Sum:	100
Mean (Average):	50
Standard Error of the Mean ( $SE\bar{x}$ ):	42

Table 8.2 **Source: Compile by the Researcher**

92% of the respondents have said yes that they have heard about Meme crypto coins and 8% of the respondents have said no that they have not heard about Meme crypto coins.

### Q9. Have you invested in Meme crypto coins?

Opinion	Respondents	Percentage
Yes	76	76
No	24	24
Total	100	100

Table 9.1

Sample Standard Deviation, $s$	36.7695526217
Variance (Sample Standard), $s^2$	1352
Population Standard Deviation, $\sigma$	26
Variance (Population Standard), $\sigma^2$	1676
Total Numbers, $N$	2
Sum:	100
Mean (Average):	50
Standard Error of the Mean ( $SE\bar{x}$ ):	26

Table 9.2 **Source: Compile by the Researcher**

76% of the respondents have said yes that they have invested in Meme crypto coins and 24% of the respondents have said no that they have not invested in Meme crypto coins.

### Q10. Have you heard about crypto ATMs?

Opinion	Respondents	Percentage
Yes	100	100
No	0	0
Total	100	100

Table 10.1

Sample Standard Deviation, $s$	70.710678118655
Variance (Sample Standard), $s^2$	5000
Population Standard Deviation, $\sigma$	50
Variance (Population Standard), $\sigma^2$	2500
Total Numbers, $N$	2
Sum:	100
Mean (Average):	50
Standard Error of the Mean ( $SE\bar{x}$ ):	50

Table 10.2 **Source: Compile by the Researcher**

100% of the respondents have said yes that they know about crypto ATMs.

### **Key Findings**

1. From the previous researches and sample survey it was found that crypto currency has impacted teenagers all over the world.
2. It is observed that crypto currency has impacted teenagers in Indian society.
3. It is observed that crypto currency has impacted the economy of world.
4. The study has found out that there are few companies that have promoted crypto currency investments in teenagers in India.

### **Advantages of Crypto Currency on Teenagers**

- Teenagers these days love taking risk and in crypto currency there is high risk in investment and therefore there is potential for high investment rewards too. Therefore it has taught teenagers how to take risk and handle the risk while doing investments financially. It has also taught them when and at what time they need to buy and sell their crypto's for profit and not make a loss in their investments.
- Crypto currency has made teenagers a good decision maker.
- Crypto currency has created jobs for teenagers like miners, crypto trader and blockchain developer and Metaverse developer and many more.
- Crypto currency can help teenagers to beat inflation in near future.

- Crypto currency has give teenagers a decentralized financial platform other than traditional banking system.
- Crypto markets are 24x7 open and never close and hence made teenagers more active and wise in daily life to keep up the pace with competitive market of crypto world.
- It has made teenagers more responsible in security purpose for their accounts on crypto wallets where they buy, sell and trade their crypto coins.
- Crypto meme coins changed the teenager's fun buying attitude to seriously earning attitude for themselves and for their families to support whose families are financial not sounded.

### **Disadvantages of Crypto Currency on Teenagers**

- Understanding crypto currency takes lot time and effort and it may affect their studies.
- Crypto currencies are extremely volatile investments and that teenagers have to understand before investing time and money.
- Teenagers have to understand that crypto currencies have not yet proven themselves as long-term investments.
- Crypto currency has major scalability issues.
- Crypto meme coins are vulnerable to high security risks.

### **Conclusion**

Crypto currency has offered effective and attractive new model of payment methods that has boosted companies and operators revenues to an extreme height. It also has provided alternative methods of payments, apart from real fiat currency, that enables individuals to make specific financial activities like buying and selling products and services, transferring and exchanging stocks easily. The research study has analyzed the impact of crypto currency on teenagers and Indian society. The research study has analyzed the threat of crypto currency on world economy. Hence further more studies can be conducted on crypto currency and the platforms that support crypto currency and the entire digital currency industry.

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