

A Beginners Guide to the world of **CRYPTOCURRENCY** in India



Why
Indicoin and other Cryptocurrencies
will be the **Next Big Thing?**



indicoin

Blockchain redefining Social Service

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India and Cryptocurrency

- India accounts for 10% of global cryptocurrency trade in the month of May.
- Trade volume in India accounts for 16,764.76 Bitcoins.
- India ranks 4th in the global Bitcoin cryptocurrency trade.
- While India still mulls over legalising cryptocurrency, China's central bank – **The People's Bank of China** – has already developed a prototype of a cryptocurrency that it could end up circulating it in the near future. It would be introduced alongside the China's primary currency, the Renminbi or the Yuan.
- Over the past few years, despite the lack of regulations in the Indian digital currency industry, a few Bitcoin exchanges have sprung up and started operating with self-regulated trading platforms with strict **Know Your Customer (KYC)** and anti-money laundering systems in place. These include startups like Zebpay, Coinsecure and Unocoin.
- These startups have also raised funding from investors and have slowly been building faith in the Bitcoin and digital currency sector despite skepticism from the government.
- In 2015, the RBI published a financial stability report on disruptions in financial technology. In the report, it identified the importance of 'private blockchains' which have the potential to transform how bank back-end operations function, as well as increasing the speed of payments. The bank said that with its potential to fight counterfeiting, the blockchain is likely to bring about a major transformation in the functioning of financial markets, collateral identification, and payments systems.

- In December 2015, former RBI Governor Raghuram Rajan had stated that digital currency was 'fascinating' and that India's central bank could use digital currencies. He had said, "I have no doubt, that down the line, we will be moving towards primarily a cashless society and we'll have some kind of currencies like this which will be at work."
- As per a Trak.in report, in 2016, the country possessed around 50,000 Bitcoin wallets and around 700-800 Bitcoins were traded every day.
- Department of Economic Affairs in the Ministry of Finance in India formed the interdisciplinary committee to examine the framework on virtual currencies. In addition, the government initiated a discussion on its forum, MyGov, to seek public opinion on virtual currencies. Clearly, despite initial reservations, the Indian government is keen on understanding how cryptocurrency works and is willing to deploy resources to build frameworks.
- Additionally, private Bitcoin companies have even formed their own association – the Digital Assets and Blockchain Foundation India (DABFI).
- The self-regulated entity is working towards educating the masses about cryptocurrencies and informing them about best industry practices for businesses.
- The first impact of the legalisation of cryptocurrencies in India is expected to further increase trading volumes and cryptocurrencies activities in India by significant margins. Legalisation would also allow cryptocurrencies startups to address concerns over security and risks pertaining to the use of cryptocurrencies and eventually work towards improving its infrastructure.
- Legalising would also help remove apprehensions around its reliability as a currency for the average Indian consumer. On the other hand there have been reports of cryptocurrencies trading amounting to money-laundering and that it propagates the financing of terrorist outfits.
- Cryptocurrencies future in India too looks promising. As per reports ,India Counts over 1 Million Bitcoin Users. In fact in India, with thousands of new users flocking to Bitcoin every day, exchanges have been overwhelmed leading to downtime and slow processing of transactions last month. Zebpay reports over 500,000 downloads of its mobile app and is adding about 2,500 new users every day.
- With the government legalising it, cryptocurrency service providers will also be able to expand the scope of usage. Currently, Bitcoins are used to make purchases through mobile apps, buy gift vouchers, for airtime top up, and for paying bills. But in the future, an improved infrastructure would help support remittances to India and also provide online financial solutions for the country's unbanked and underserved population.

- Bitcoin makes it extremely easy to send a small remittance back home which could save up to billions in fees paid to third parties for a country like India, which is the world's largest remittance market at over \$60 Bn annually.
- Smart contracts, in fact, allow a huge possibility of applications. They are computer protocols that have the main purpose of executing the terms of a contract in order to satisfy common contractual conditions without the need of trusted intermediaries.
- This way, smart contracts can be used as the deepest layer of any kind of application development and not just to set payment-related transactions.

1.

What is Cryptocurrency?

Cryptocurrency is digital form of currency that is being used increasingly all over the world. If compared with the current traditional fiat currencies system a cryptocurrency is far more efficient in terms of usage and transaction costs. The first cryptocurrency to begin trading was Bitcoin back in 2009. Since then we have seen numerous cryptocurrencies being created with new algorithms with longer or shorter block times and overall behavior changes to better suit a future economy.

People often think of cryptocurrency only as virtual money or a transaction system. But if you look closer you'll see that the monetary aspect is just the tip of the iceberg. That's because cryptocurrencies and the blockchain is a groundbreaking internet technology for which money is merely one of the possible applications.

2.

Where do Cryptocurrency come from, how are they created?

With paper money, a government decides when to print and distribute money. Cryptocurrencies doesn't have a central government. With Cryptocurrency, miners use special software and computing power to solve mathematical problems and are issued a certain number of coins in exchange.

This provides a smart way to issue the currency and also creates an incentive for more people to mine and contribute to the network.

In some cases (with Proof of Stake coins) the network is upheld and coins are created with minting. Minting is a process where the user stake his coins (coins can not be used in this stage) and in return gets a percentage of coins for helping to contribute to the network.

3. Why Use Cryptocurrency?

It's a good question! We believe that cryptocurrencies is a step in the right direction for global trade where everyone can be involved, non-excluded. To neglect the idea of currency protected by cryptography on a decentralized network today is like neglecting the idea of Internet and the Hypertext Transfer Protocol (http) back in the early nineties. People who understand the technology or people who can get a clear picture how it works can easily see the benefits as a whole for mankind.

4. What is Cryptocurrency Mining?

Cryptocurrency mining is a process that secures the network, and at the same time rewards the miners with cryptocurrency. To mine cryptocurrency you need mining hardware. The three main categories of mining hardware are GPU, FPGA and ASIC. In the beginning the cryptocurrency miners mainly relied on CPU/GPU as mining hardware. As the hash-rate and competition grew so did the need for better and more competitive hardware. A new form of hardware saw the light of day, ASIC. ASICs are application-specific integrated circuits. In this case this means that they are chips specifically designed to mine cryptocurrency. When their life-cycle is done so is their use-case.

5. Benefits of using Cryptocurrency

- Send money to anyone anywhere in the world, almost instantly, with no middle hand or excessive fees.
- Include everyone in the financial system, not only the people who have access to modern day banking.
- The possibility to build on top and around the block chain to fundamentally change the way we use and interact with money.
- The enormous amount of computing power that is generated to mine a cryptocurrency can be used to create a decentralized network for applications on top of the blockchain.

6.

How does the future of cryptocurrencies look like?

Bitcoin was the first prominent cryptocurrency to gain the public's attention, but it is doubtful that it will be the last. In the wake of Bitcoin's popularity, many coin developers have sought to improve upon the basics of Bitcoin and offer a more fulfilling and feature rich experience to newcomers. Quark offers security and speed, Darkcoin offers anonymity, for some a priceless commodity, Ghostcoin presents a lightweight platform that will not take up your computer's processing power, and Huntercoin offers a cryptocurrency experience that is built around a game. Could one or more of these promising cryptocurrencies become the "Next Bitcoin?"

Overall, the future appeal of cryptocurrencies lies in allowing users ultimate control over their money, with fast secure global transactions, and lower transaction fees when compared to all existing currencies. When used properly and fully understood the virtual currency ultimately serves its purpose. As a first generation currency it will be the initiator of many novel emerging systems that will fundamentally change our understanding regarding the concept of what is money, with the potential to perform a kind of 'social good' to developing nations poor populations unable to access traditional banking institutions.

7.

Scams associated with Cryptocurrency**

Accused Indian Bitcoin Mining Scam

During the recent surge in bitcoin prices, there have been many cloud mining companies launched in India which promise to deliver twice or thrice times the investment. These are all the ponzi schemes which gets failed after sometime.

Rise in popularity

With the rise in prices of bitcoin , bitcoin news coverage across India increased. Several people saw bitcoin as a way to make money. Various companies take advantage of such oppurtunities and organise Bitcoin Information Seminars. Companies use these seminars to explain bitcoin as a highly profitable way of income and sell their contracts to the attendees. They even introduce a referral system sometimes on every contact sold.

****according to various Bitcointalk users**

Conclusion

Since India has no regulations regarding bitcoin, it becomes very difficult to take legal actions against such companies. All in all, once such ponzi scams starts coming out , it will a really bad reputation about bitcoin in India where adoption is on its peak right now.

8. What is IndiCoin?

IndicoIn is a platform Independent, self-governing social service DApp for a community of people who really want to contribute for the society. IndicoIn aims to use the technology of Blockchain and Smart Contracts to provide meaningful tasks to the user community and linking a monetary value (indicoins) on these tasks approved by the community through a decentralized,unbiased and transparent voting process thereby incentivizing and encouraging the user community to undertake more such social tasks.IndicoIn has the potential to address certain limitations of the current processes by modernizing, streamlining and simplifying the traditional siloed design.IndicoIn will provides social service with a shared fabric of layers of technology for a first ever social platform where people can not only contribute but also validate through any kind of content anonymously from anywhere, anytime and also earn through it .

IndiCoin's prime objective is to bring in a new wave of transformations, using the blockchain technology and reduce India's dependence on cash based transactions. Its aim is to empower a market of almost 1 billion people who currently don't have access to some form of digitized currency across the country. We believe IndiCoin can help reverse these trends and help bring people out of poverty by giving ,them banking tools that can provide liquidity for entrepreneurial ventures via becoming independent platform, online work and autonomous processing as well as create new opportunities in the digital economy with harmony locally and nationally and hopefully globally in the future.

IndiCoin works around a simple concept, that is, Any individual who contributes towards the betterment of the society in any ways gets an IndiCoin token as a reward if the proposal raised by him/her is approved in the voting process.Now to validate the proposed idea, there is a need of valid proof.If the individual is able to come up with a valid proof of his/her work, he/she gets the reward.

This system will definitely encourage more people to join the community as apart from an inner satisfaction of doing something good, there is a monetary reward as well. Our platform and blockchain technology ensures that each and every transaction remains transparent, and all the decisions related to the platform and its proposals are taken only after the validating process of public voting in which the members of the platform will participate, thus eliminating any probability of possible scams.

9.

Where and how can you buy Cryptocurrency and Indico in India?

The IndiCoin project recognizes that an extremely inconsiderate nature of human is playing a significant role in worsening the inequalities inherent in our society, which must not be the case. By implementing a well-organised virtual economy that controls the competency of digital currencies, blockchain ledgers and real world value sources, we are heading towards a completely independent system, that is capable of providing significant monetary reward for all of the individuals who participate.

Indico in has a quantity commitment of 1 billion INDI tokens, with an initial price of **1 INR = 0.016 USD***.

IndiCoin platform will launch a pre token sale to initially distribute those tokens in order to fund the development of the platform, its promotion and to expand service offerings. To encourage demand and liquidity, discounts will be given to early investors. In other words, those who participate in the initial phase of token sale will get more tokens for the same price as compared to those who participate in the later phases. Those who participate at the later phases ie token sale phase I or II will eventually get tokens according to the regular set price of the token in the respective token sale phase and with lesser or no reward based on the phase of the token sale.

Users can participate in the token sale from the official website of Indico in- **www.indico in.org.in**