

Bitcoin -> A peer-to-peer E-payment system



What is Bitcoin?

Have you heard any currency which you cannot see, cannot touch but used it to buy anything, anywhere ??

SHOCKED!!! Yes it is true. Bitcoin is world's first digital, virtual and crypto currency based on open source software used by anyone, anywhere, anytime for money transfers, online payments ,make transactions etc, across the world.

History

Bitcoin was invented by an unidentified programmer, **Satoshi Nakamoto**, on 31st October, 2008 but introduced in 2009. There have been various claims or identifications of Satoshi Nakamoto, but till not confirm who really he is!!!

The first transactions made by Bitcoin on 22 May, 2010 for bought a pizza of 10,000 Bitcoin. Then,

1 bitcoin =10 cents.

Satoshi didn't invent Bitcoin for digital transactions but he wanted to assure people that they even bought or sold items, made transactions using digital system.

Smallest Unit

The smallest unit of bitcoin is Satoshi. **1 Bitcoin = 10,00,00,000 Satoshi**



How Bitcoin works?

If you want to transfer Bitcoin, you must have a **Bitcoin Wallet**, where you send and receive Bitcoin. The amazing thing about Bitcoin is that the transactions are totally encrypted. You are also surprised to know that when you transfer Bitcoin to another's Bitcoin wallet, he/she receives some digital codes which are nothing but the amount of money you transfer. You have to charge only **Rs 1.67**, which is a basic nominal charging fee.

Now you must think of that it is a digital currency so there is a maximum chance of getting hacked and piracy of digital payments..!!!!!! So I must tell you that it is not so easy.

Each and every transaction made in Bitcoin is properly maintained in a public distributed ledger called, **Blockchains**, all the transactions are tracked or verified by the network nodes running on Bitcoin software. The people who keep a proper eye on these Blockchains are known as **Miners** and in exchange they receive some Bitcoin. So, there is a proper record of every single Bitcoin transaction. Every Miner has to solve some mathematical problems to complete the mining process. And then he/she gets the Bitcoin.

Recently, the value of 1 Bitcoin in rupees,

1 Bitcoin = Rs 68774.67

The value of Bitcoin fluctuates rapidly day to day due to the absence of the government.

Bitcoin works on peer-to-peer system, that is, the transactions directly occur between two users, irrespective of any intermediaries. Hence, Bitcoin are also called as Decentralised currency as there is no role played by the government to manage the records of Bitcoin transactions.

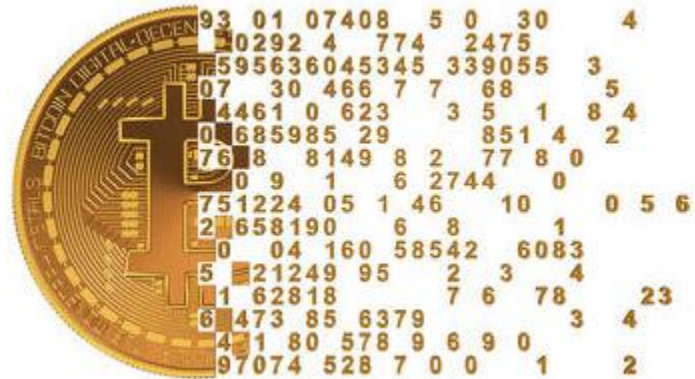
How to get Bitcoin ??

Like me, you all are desperately excited to earn Bitcoin, so go to this link. → [How to get Bitcoin ??](#)

It's time to know about the pros and cons of Bitcoin.

Advantages

- Bitcoin are properly yours and yours as there is no involvement of the government.
- Fees to be paid for dealing with Bitcoin are significantly lower than bank charges.
- If you want to send Bitcoin somewhere or to receive them, neither location nor time matters any more.
- All transactions are recorded in the blockchain. That makes Bitcoin system absolutely transparent. Anyone can check all information related to digital cash supply at any time. You can enter an address, block or transaction and get a full report. Since all protocols are protected with the help of cryptography, nobody can manipulate and change data.
- Bitcoin sent are Bitcoin lost. In other words, you can't retrieve Bitcoin if the recipient does not agree to send them back. That excludes fraud often happened while using a credit card.



Disadvantages

- Bitcoin system is being developed. And that's why not all features are polished. It can be compared with a baby learning speaking, eating and walking. Some time is required for it to mature and improve.
- The workers need to be educated on Bitcoin so that they can help the customers. This will definitely take some time and effort.
- Bitcoin has volatility mainly due to the fact that there is a limited amount of coins and the demand for them increases by each passing day.

Conclusion

With this, you now have both sides of the coin. Bitcoin, as you can see, is not perfect. It does have many advantages that physical currencies do not to the fact that Bitcoin is still a relatively young and new currency. People are just beginning to become more aware of it.

There are always pros and cons to any situation in life. To be able to make a good decision, you need to weigh the good and bad thoroughly before I finalizing your choice. Do the same for Bitcoin. Understand what it is, and decide what you want to do with it...

I hope you find this article interesting.

Exchange Rate of Bitcoin Currency: All Time Data

<https://bitcoincharts.com/charts/bitstampUSD#tgCzm1g10zm2g25>

[Link to this chart - Larger chart](#)



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[Load raw data](#)

To know more about Bitcoin, go to its official website –

<https://bitcoin.org/en>