

# Certification in Blockchain

Learning & Development Academy  
by Grant Thornton in India

Delhi, Mumbai, Online Live



Interest in blockchain has transcended the financial services sector to utility, transportation, business and governmental industries.

Gone are the days of businesses just deliberating on the potentials of this technology. Organisations today are designing and implementing live blockchain applications in banking, equity trading, real estate, facility management, healthcare, supply change management, energy supply and land registry to name a few.

Blockchain technology is helping organisations reduce administrative overhead cost, speed up the transactional time and streamline processes.

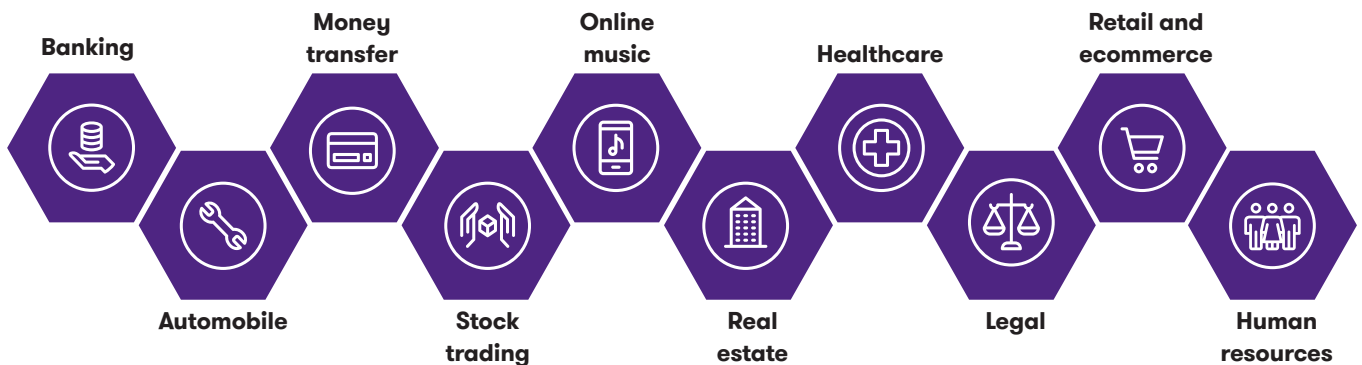
India has not remained untouched by this wave of disruption. Companies in the country are widely adopting blockchain technology across several industries, including banking and financial services, transportation, supply chain, as well as government verticals. NITI Aayog is also working on a policy paper which will focus on deploying blockchain technology across the country.

## About the programme

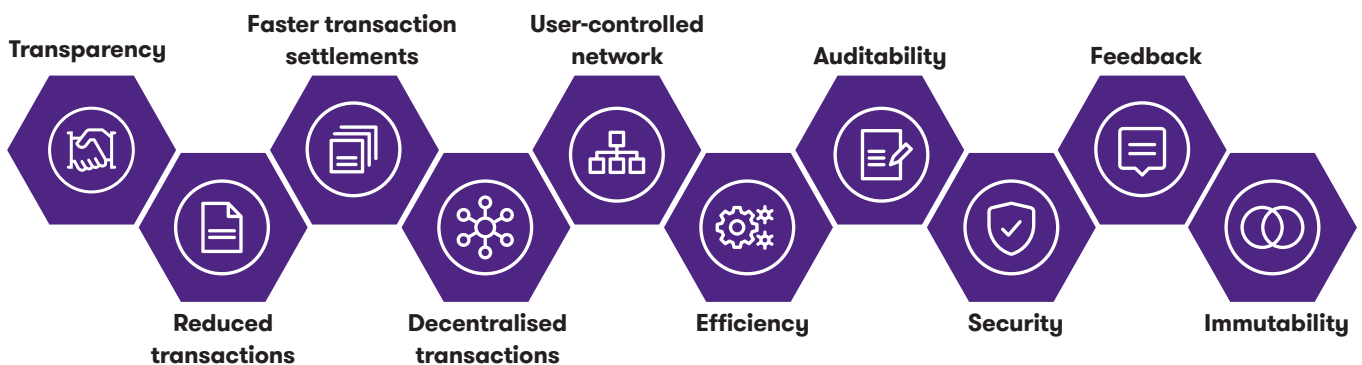
This programme is designed to build in-depth knowledge of blockchain. It involves discussions on the various concepts of blockchain such as **smart contract, transaction and blocks, smart ledger, blockchain architecture, cryptocurrency concepts and private blockchain, among others.**

Successful completion of the programme will enable the participants to upskill themselves and design and build blockchain-based applications for enterprises and businesses.

### Blockchain applicability across industry

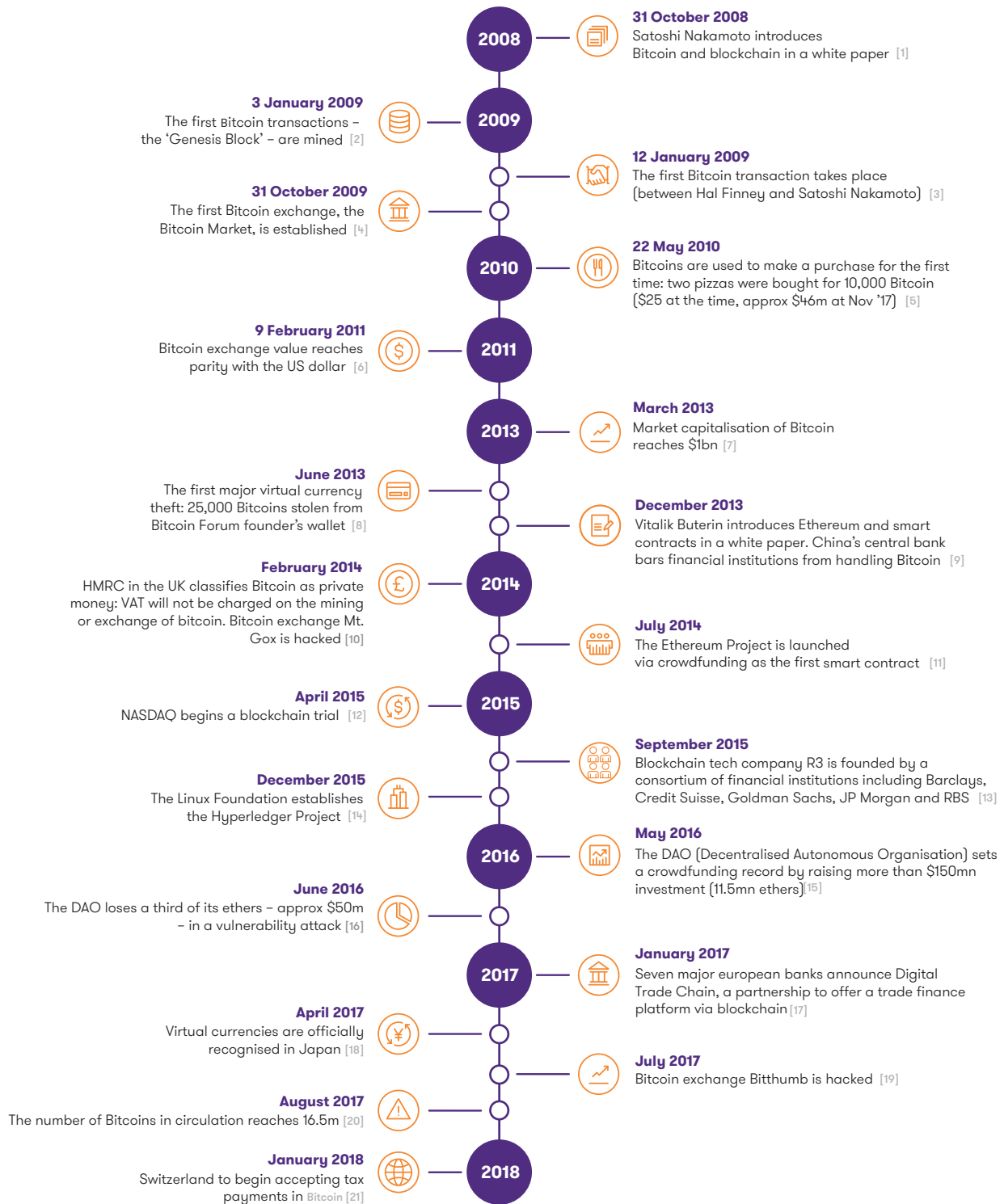


### Benefits of blockchain



# The blockchain timeline

## From inception to maturity



### References

- <http://nakamotoinstitute.org/bitcoin/>
- [https://en.bitcoin.it/wiki/Genesis\\_block](https://en.bitcoin.it/wiki/Genesis_block)
- <https://blockexplorer.com>
- [https://en.bitcoin.it/wiki/Bitcoin\\_Market](https://en.bitcoin.it/wiki/Bitcoin_Market)
- <https://en.bitcoin.it/wiki/Pizza>
- <https://blockchain.info/charts/market-price>
- <https://en.bitcoin.it/wiki/Category:History>
- <https://www.theguardian.com/technology/2014/mar/18/history-of-bitcoin-hacks-alternative-currency>
- [http://www.the-blockchain.com/docs/Ethereum\\_white\\_paper\\_a\\_next\\_generation\\_smart\\_contract\\_and\\_decentralised\\_application\\_platform-vitalik-buterin.pdf](http://www.the-blockchain.com/docs/Ethereum_white_paper_a_next_generation_smart_contract_and_decentralised_application_platform-vitalik-buterin.pdf)
- <http://www.itimes.co.uk/hmrc-re-classify-bitcoin-private-money-1432718>
- <https://www.wired.com/2014/03/bitcoin-exchange/>
- <http://ethdocs.org/en/notes/introduction/history-of-ethereum.html>
- <https://www.coindesk.com/nasdaq-becomes-latest-firm-to-trial-blockchain-technology/>
- <https://www.r3.com/about/>
- <https://en.wikipedia.org/wiki/Hyperledger>
- <https://bitcoinmagazine.com/articles/the-dao-raises-more-than-million-in-world-s-largest-crowdfunding-to-date-146342191>
- <https://www.nytimes.com/2016/06/18/business/dealbook/hacker-may-have-removed-more-than-50-million-from-experimental-cyber-currency-project.html>
- <https://www.cryptocoinsnews.com/7-major-european-banks-form-blockchain-platform-digital-trade-chain>
- <https://www.cbc.com/2017/09/29/bitcoin-exchanges-officially-recognized-by-japan.html>
- <http://uk.businessinsider.com/south-korean-bitcoin-exchange-bitthumb-hacked-ethereum-2017-7?r=US&IR=1>
- <https://blockchain.info/charts/total-bitcoins>
- <https://news.bitcoin.com/chicago-switzerland-to-allow-citizens-to-pay-taxes-in-bitcoin>

## Programme agenda

- Background of blockchain
- Blockchain concepts
- Blockchain architecture
- Centralised v decentralised apps
- Introduction to Ethereum
- Cryptocurrency concepts
- Public blockchain implementation
- Private blockchain implementation

## Programme objectives

### Participants will gain an understanding of:

- Basic and advanced level subject knowledge in blockchain
- Blockchain networking and technology
- Smart contracts and cryptocurrencies such as Ethereum
- Blockchain and various concepts of cryptocurrency
- Types and components of blockchain
- Blockchain v private blockchain
- Industry-based live projects
- Basics of hyper ledger and setup

## Who should attend

- Graduate engineers or freshers
- Working professionals involved in implementation and operations
- CIOs and business heads
- Finance professionals aspiring for senior roles within financial operations, audit and risk
- Professionals engaged in e-commerce and financial institutions
- Professionals working in banks and NBFCs
- MBA freshers



## Programme schedule

Delhi: 29, 30, 31 August 2019

Mumbai: 29, 30, 31 August 2019

Online Live: Program starting in Sept 2019

## Programme deliverables

- Three-day interactive classroom programme
- Case studies
- Our study material
- Projects

## Fees

**INR 25,500  
plus 18% GST**

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Fees include cost of study material, lunch and refreshment, and access to the Grant Thornton Learning Management System and thought leadership content.

# Learning & Development Academy by Grant Thornton in India

Learning & Development is an upskilling service offering of Grant Thornton in India providing result-oriented finance and accounting courses to professionals and students. Our impactful programmes can be customised to help you gain skills and capabilities in your area of interest.

In a digital age, we strongly believe in retaining the advantages of a classroom environment, making the most of group learning while paying attention to resolving individual queries. Our trainers are seasoned experts who will share their journey along with best practices followed in the industry.

Learning & Development Academy will leverage Grant Thornton India LLP's rich experience in different domains across various industries and its knowledge base to share practical insights, helping participants understand and learn contemporary complex concepts.

## Our other offerings

**Ind AS 115 and Ind AS 116 workshop**

**Diploma in IFRS ACCA**

**Finance for Non-Finance Professionals**

**GST workshop**

**MS Office Suit training**

**Certification in Financial Modelling & Valuation**

**Certification in Long Term Incentive Plan & ESOP**

**Certification in analytics using R and visualisation using Power BI**

## Learning & Development solution



### Dedicated team

Team having expertise in managing training function



### Cross-functional

Qualified and experienced SMEs across various functions



### Multiple modes of delivery

- Face to face
- Online live
- E-learning



### Flexibility

Options to choose different modules and customise as per your requirement



### Post-training support

Discussion platform and knowledge portal – MyGAAP

## To know more about our solutions, please contact:

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