

# Certification in Blockchain

Learning & Development Academy  
by Grant Thornton Bharat

Online live

Sixth edition



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.

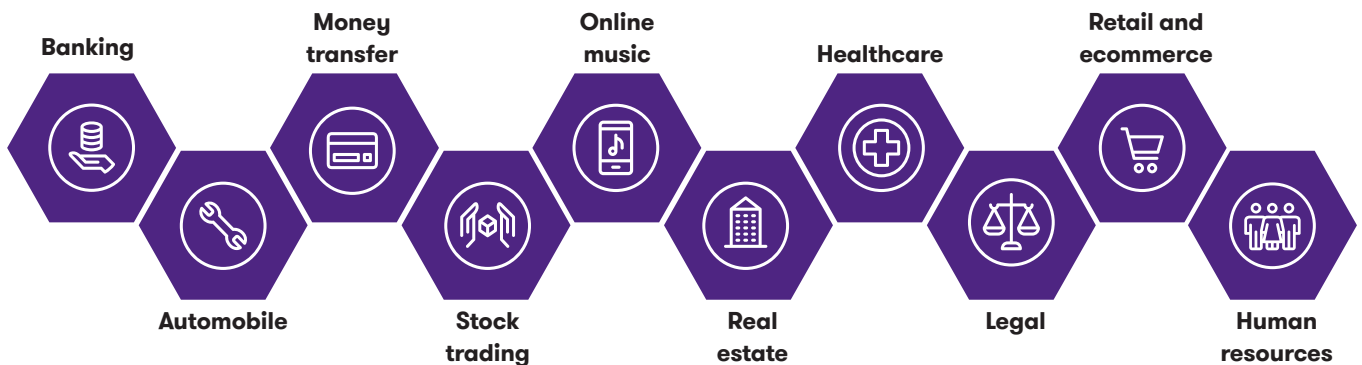
India has not remained untouched by this wave of disruption. Companies in the country are widely adopting blockchain technology across several industries, including banking and financial services, transportation, supply chain, as well as government verticals. NITI Aayog is also working on a policy paper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

# About the programme

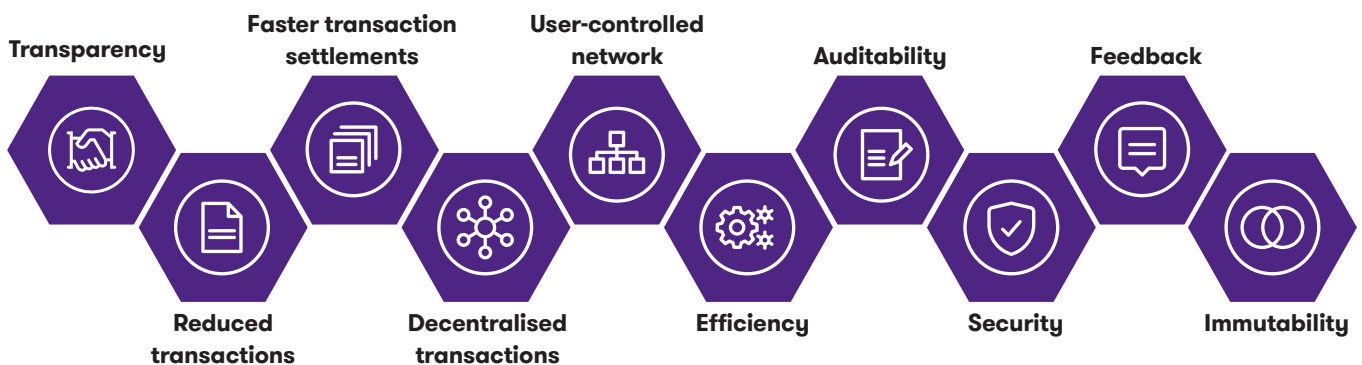
This programme is designed to build in-depth knowledge of blockchain. It involves discussions on the various concepts of blockchain such as **smart contract, transaction and blocks, smart ledger, blockchain architecture, cryptocurrency concepts and private blockchain, among others.**

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

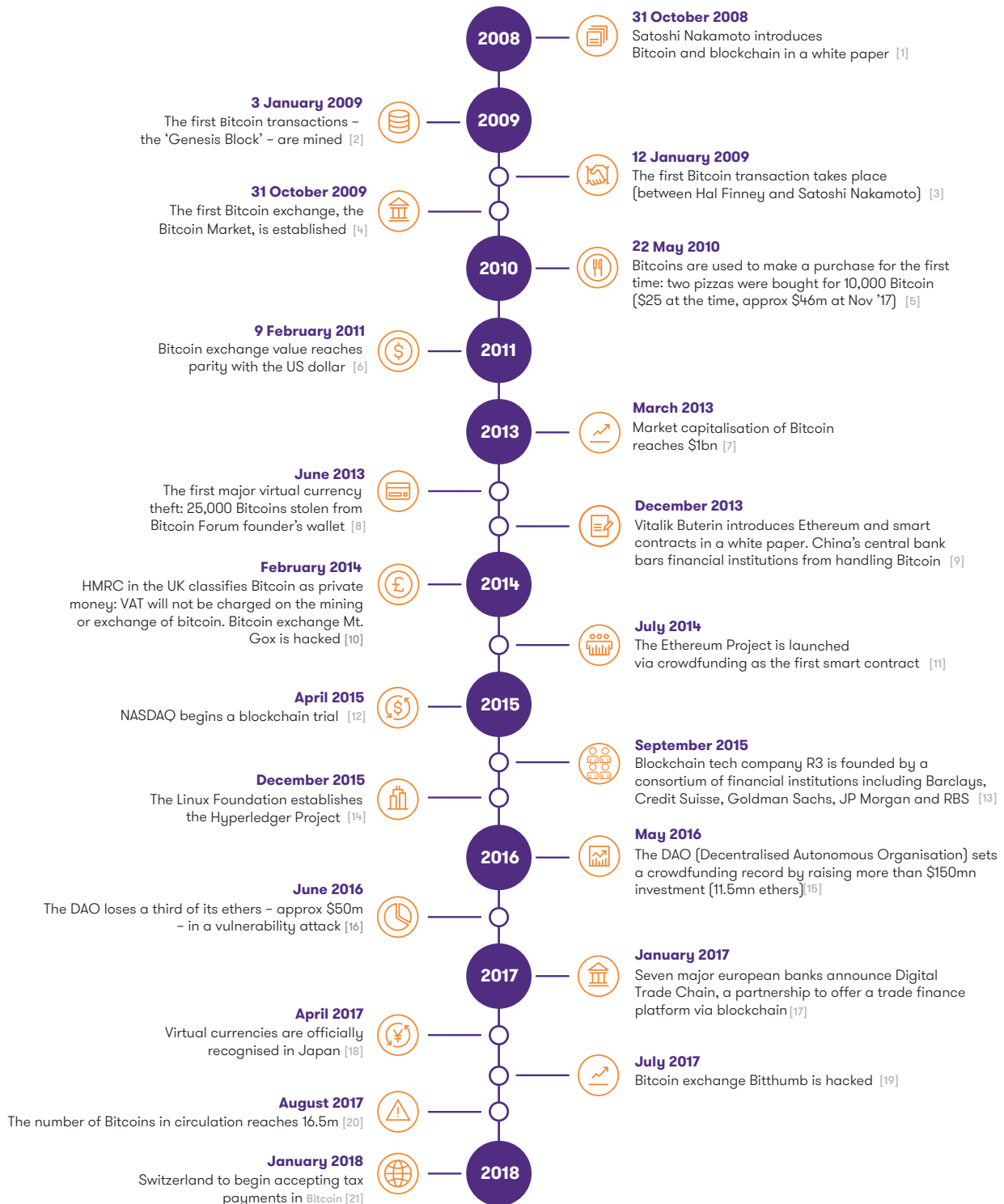


## Benefits of blockchain



# The blockchain timeline

## From inception to maturity



### References

- <http://nakamotoinstitute.org/bitcoin/>
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- <https://www.nytimes.com/2016/06/18/business/dealbook/hacker-may-have-removed-more-than-50-million-from-experimental-cyber-currency-project.html>
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- <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/chiaso-switzerland-to-allow-citizens-to-pay-taxes-in-bitcoin>

# Program agenda

## Session 1

- What is Blockchain ?
- Blockchain History and Evolution
- Types of Blockchain
- Pre-requisites of Blockchain- When to use a Blockchain & when not ?
- Shift from Traditional to Blockchain
- Why is Blockchain Essential?
- Benefits of Blockchain
- Key Industry Problem Blockchain Solves
- Status of Blockchain in India

## Session 3

- Some Examples of Public and Private Blockchain and its Functioning
- Adding Peer Nodes
- Approach and Process to Design and Develop Decentralized Apps
- How to perform/Approach to Requirement Analysis/ Solution Orchestration/Estimation for customer
- Blockchain use case – Supply chain
- Blockchain use case – Power sector

## Session 2

- Crypto Currencies
- Mining – Validation
- Exchanges
- Consensus Algorithm like Proof of Work
- Accounts – Internal / External
- How Blockchain and Distributed Ledger Works and its Types – Blockchain Ecosystem
- What is Smart Contracts ?

## Session 4

- Blockchain use cases
- Auto Sector
- Healthcare
- Food and Beverage
- BFSI
- Real Estate
- Public Sector
- Telecom
- Travel and Tourism

## 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



## What will you get



20 hours of instructor-led session via Cisco Web Ex



GT Material for Reference



Session Recordings



Used Case Studies



Access to Grant Thornton LMS of 1 year



Certificate of completion on successfully passing the final assessment



### Programme schedule

Date 13, 14, 20 & 21 March 2021

### Fees:

**INR 15,000**

plus taxes

### Rohit Gupta

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## Online live training

Trainings are delivered through Cisco WebEx™ application. The technology helps us in connecting with people across boundaries anytime.

Advantages of online live training:



Live streaming of sessions



Two-way communication –  
Participants can ask questions on  
real time basis



Experience similar to instructor-led  
training



Access to learnings aids – excel  
working, ask query



Connect with global, virtual teams –  
any time, anywhere



Offer remote learners an engaging  
learning experience – without breaking  
your budget



## Features of e-learning and LMS



Two-way communication  
through “Ask the expert”



Query resolution within  
48 hours



Flexible – learn anytime  
from anywhere



Accessible on mobile and  
tablets



Offer remote learners an  
engaging learning experience



Cost-effective

# Learning & Development Academy by Grant Thornton Bharat

Learning & Development is an upskilling service offering of Grant Thornton in Bharat 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 Bharat 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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