



Online Self-Paced Course

BLOCKCHAIN TECHNOLOGIES



Duration of 20 Hours

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1-Year of Access

Get LMS access for one year



Completion Certificate

Jointly issued by NSE Academy &
Grant Thornton Bharat

Price
Rs 12,000/-
+GST

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Course Content

Module 1: Blockchain: Introduction, History and Evolution

1. What is Blockchain?
2. Blockchain History and Evolution
3. Types of Blockchain
4. Pre-requisites of Blockchain- When to use a Blockchain & when not?
5. Shift from Traditional to Blockchain
6. Why is Blockchain Essential?
7. Benefits of Blockchain
8. Key Industry Problem Blockchain Solves
9. Status of Blockchain in India

Module 2: Crypto Currencies, Distributed Ledger & Smart Contracts

1. Crypto Currencies
2. Mining – Validation
3. Exchanges
4. Consensus Algorithm like Proof of Work
5. Accounts – Internal / External
6. How Blockchain and Distributed Ledger Works and its Types – Blockchain Ecosystem
7. What are Smart Contracts?

Module 3: How Public and Private Blockchain Function

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

Module 4: Use Cases

- | | |
|--------------------------|----------------------|
| 1. Blockchain use cases. | 2. Auto Sector |
| 3. Healthcare | 4. Food and Beverage |
| 5. BFSI | 6. Real Estate |
| 7. Public Sector | 8. Telecom |
| 9. Travel and Tourism | |



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Joint certificate will be awarded by Grant Thornton & NSE Academy upon completion.

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The organization serves India region with 13 offices in all major cities with more than 15,000 people.

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About NSE Academy

NSE Academy Limited is a wholly owned subsidiary of the National Stock Exchange of India Limited (NSE). NSE Academy Limited enables the next generation of BFSI and FinTech professionals with industry aligned skills – through capacity building programs and certification courses, powered by an online examination and certification system. The courses are well-researched and carefully crafted with input from the industry professionals.

NSE Academy Limited works closely with reputed universities and institutions across India in building a competent workforce for the future of BFSI and FinTech.

NSE Academy Limited also promotes financial literacy as an essential life skill among youngsters – a contribution towards financial inclusion and wellbeing.



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Price: Rs. 12,000/-
+ GST

(Rs. 14,160/- inclusive of GST)

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