

Certificate in Blockchain Technology

[eLearning]



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About the course

The world of computing is at a stage of evolution that is very complex and unpredictable. It is no longer being completely driven by large enterprises, it is also being driven in part by individuals and end users.

Blockchain is a disruptive force in multiple areas of the business enterprise, business to individual, governance and social transactions. It prompted the genesis of Bitcoin, a completely decentralized digital payment system about nine years ago and is now being proposed as an organized solution to a large set of problems facing business and society. Today is a unique stage in the growth of blockchain technology, as the industry and experts are visualizing various use cases that are made possible by blockchain.

This certification course is suitable for technology and business professionals who want to understand the methodology of blockchain and its application across industries. The core concepts and blockchain platform, its growth and evolution and all the use cases it is relevant to are discussed in detail. At the same time all the foundational elements of building applications on Ethereum, Hyperledger and Quorum are presented. The code samples that are demonstrated are available with the course content for download.

Course deliverables

- ▶ 20+ hours of comprehensive learning videos and content
- ▶ Presentations
- ▶ Online Assessment
- ▶ Certificate of completion
- ▶ Query support through email
- ▶ Six months of LMS access

Benefits of the course

The program will help the participants to:

- ▶ Understand core concepts of blockchain technology and platform
- ▶ Build applications on Ethereum, Hyperledger and Quorum
- ▶ Integrating applications with blockchain technology
- ▶ Understand the concept of smart contracts and its usage
- ▶ Understand public blockchain vs. private blockchain
- ▶ Gain knowledge on the usage of blockchain technology across various domains

Who should take this course?

- ▶ Business professionals who want to understand the relevance of blockchain
- ▶ Technology professionals from other domains who wish to upskill
- ▶ CTO/CEOs who have blockchain strategy on their roadmap and wish to examine the platforms available
- ▶ Fresh graduates and young professionals
- ▶ Mid-level managers



Course coverage

- ▶ Understand the building blocks of blockchain systems
- ▶ Create a demonstration blockchain pseudocode
- ▶ Understand the core propositions of popular industry platforms like Ethereum, Hyperledger and Quorum
- ▶ Setup these platforms for building integrated applications
- ▶ Understand the revolutionary smart contract concepts on Ethereum and Hyperledger
- ▶ Differentiate the core perspectives of private enterprise blockchain and public blockchain
- ▶ Understand the private transaction concept of Quorum
- ▶ Understand the various use cases on different verticals

Assessment and Certification

EY will award “Certificate of Completion” to participants at the end of the program.

- ▶ Assessment would be based on MCQ's
- ▶ Participant needs to achieve a minimum score of 50% to pass the exam
- ▶ All participants who meet the above criteria would be awarded a certificate of completion

Contact

For more information contact:

Shweta Manchanda

E: Shweta.manchanda@in.ey.com

M: + 91 98116 38456

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- ▶ Certificate in Exploratory Analytics in Python
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 - ▶ Certificate in Financial Modelling and valuation
 - ▶ Certificate in Data Visualization Using Tableau
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 - ▶ Certificate in Lean Six Sigma Green Belt
 - ▶ Certificate in Predictive Analytics in Python
 - ▶ Certificate in Artificial Intelligence and Machine Learning in Python
 - ▶ Certificate in Ind AS
 - ▶ Certificate in IFRS



About EY Learning Solutions

In today's testing business environment, with organizational transformation and regulatory change constant features, a flexible and cost-effective workforce is critical. High-quality training is a crucial element of innovative talent management, to improve performance and ensure that your teams can respond to today's challenges and are equipped for career success.

We, at EYFAAS, realized this need and accordingly we have set up a dedicated "Learning Solution" practice to help corporate and practicing professionals to deal with new requirements. FAAS Learning Solutions supplements EY's primary range of services and provide business specific training solutions for our clients and business communities throughout India, Europe, the Middle East and Africa. This is done with the help of a multidisciplinary team of trainers from around the world. As a globally integrated firm, we bring global insight to our training programs.

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For details contact

Anand Akhouri
Director
Email: anand.akhouri@in.ey.com

Neha Tuteja
Sr. Manager
Email: neha.tuteja@in.ey.com

Our offices

Ahmedabad

22nd Floor, B Wing, Privilon,
Ambli BRT Road, Behind Iskcon
Temple, Off SG Highway,
Ahmedabad - 380 015
Tel: + 91 79 6608 3800

Bengaluru

6th, 12th & 13th floor
"UB City", Canberra Block
No.24 Vittal Mallya Road
Bengaluru - 560 001
Tel: + 91 80 6727 5000

Ground Floor, 'A' wing
Divyasree Chambers
11, O'Shaughnessy Road
Langford Gardens
Bengaluru - 560 025
Tel: + 91 80 6727 5000

Chandigarh

Elante offices, Unit No. B-613 & 614
6th Floor, Plot No- 178-178A,
Industrial & Business Park, Phase-I,
Chandigarh - 160002
Tel: + 91 172 671 7800

Chennai

Tidel Park, 6th & 7th Floor
A Block, No.4, Rajiv Gandhi Salai
Taramani, Chennai - 600 113
Tel: + 91 44 6654 8100

Delhi NCR

Plot No. 67, Sector-44
Institutional Area,
Gurgaon - 122 003
Tel: + 91 124 443 4000

3rd & 6th Floor, Worldmark-1
IGI Airport Hospitality District
Aerocity, New Delhi - 110 037
Tel: + 91 11 4731 8000

4th & 5th Floor, Plot No 2B
Tower 2, Sector 126
NOIDA - 201 304
Gautam Budh Nagar, [U.P.](#)
[Tel:](#) + 91 120 671 7000

Hyderabad

THE SKYVIEW 10
18th Floor, "Zone A"
Survey No 83/1, Raidurgam
Hyderabad - 500032
Tel: + 91 40 6736 2000

Jamshedpur

1st Floor, Shantiniketan Building
Holding No. 1, SB Shop Area
Bistupur, Jamshedpur - 831 001
Tel: + 91 657 663 1000

Kochi

9th Floor, ABAD Nucleus
NH-49, Maradu PO
Kochi - 682 304
Tel: + 91 484 433 4000

Kolkata

22 Camac Street
3rd Floor, Block 'C'
Kolkata - 700 016
Tel: + 91 33 6615 3400

Mumbai

14th Floor, The Ruby
29 Senapati Bapat Marg
Dadar (W), Mumbai - 400 028
Tel: + 91 22 6192 0000

5th Floor, Block B-2
Nirlon Knowledge Park
Off. Western Express Highway
Goregaon (E)
Mumbai - 400 063
Tel: + 91 22 6192 0000

Pune

C-401, 4th floor
Panchshil Tech Park
Yerwada
(Near Don Bosco School)
Pune - 411 006
Tel: + 91 20 4912 6000



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