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BLOCKCHAIN BUSINESS COURSE

BY AMAN SANDUJA

Understand the fundamentals of blockchain and leverage the power of blockchain by building a real-world strategy for your business.

Blockchain Business Program

While tending to the blockchain, programs take into account either a shallow perspective or a profoundly specialized clarification of blockchain innovation.

Developed for business leaders, innovators, and future thinkers with an interest and passion in blockchain, this online learning programme will give you a fundamental understanding of blockchain, and its implications and effects on your business strategy. In this program you would understand the practical use cases in trillion dollar industries.

This online program draws on the work of leading Blockchain faculty and cryptocurrency expert, Professor Aman Sanduja, to examine blockchain technology from his work and experience perspective. You'll be offered a foundational overview of how blockchain technology works, in order to demystify the technology and to understand its possibilities and limitations. Over the course of six weeks, you'll be guided to understand blockchain technology beyond the fundamentals, and to appreciate its application and promise in the context of your own organization.

The Blockchain Business Program is intended to coordinate significant knowledge on blockchain that caters to the business leaders, by exhibiting the best use cases, value propositions, and innovation strategies in the blockchain industry.

WHAT THE PROGRAM COVERS :

Blockchain is proliferating, and evermore organisations are exploring how to incorporate blockchain into existing strategies, as well as the exciting potential of its use in various industries. Over the duration of this programme, you'll explore the potential of the blockchain industry, as well as the effects of the technology on other industries, enhancing your understanding of blockchain, and arming you with the knowledge and insights to incorporate blockchain into your business strategy.

KEY PROGRAM TAKEAWAYS:

1. A foundational understanding of how blockchain works, and its potential impact on your business strategy, other businesses, economies, and financial structures
2. A structured framework to assess the business application of blockchain technologies
3. A network of business leaders and innovators, with whom you'll interact and collaborate throughout the programme
4. Assistance of blockchain implementation strategy from industry experts

WHO SHOULD TAKE THIS PROGRAM

This program is built specifically for the business executive looking to leverage blockchain technology in a medium or small scale enterprise. So you should take this course if:

- You're a part of growing enterprise and academia who wanted to adopt emerging technologies
- You're keen to leverage technology to increase efficiency by thorough understanding
- You wish to explore and understand the impact of blockchain in your industry and business
- You feel a need to develop a strategy to adopt blockchain technology.

This program is designed for students and professionals seeking a deeper knowledge of the impact and applications of blockchain technologies in an economic environment. Whether you're an entrepreneur

looking to integrate blockchain into your business plan, or you're in an industry such as retail or finance and wanting to understand the current and future developments of this new technology, this program will be relevant to you. If you're working directly within the strategic, operational, or managerial function, this program will equip you with the knowledge necessary to discover opportunities for efficiency and innovation using blockchain technology

COURSE STRUCTURE

MODULE 1 Understanding blockchain | 2 HRS

Understand the structure of blockchain, and explore the scope of the blockchain industry by analyzing the scale of investment in the industry, the socio-political and economic context, key stakeholders, and the evolution of the industry landscape.

1. What is a blockchain?

- Technology Overview

- History of Blockchain

- Decentralized Network & Databases

- Peer-to-Peer network architecture and working

2. Key features of blockchains

- Introduction to basic concepts of Cryptography

- Public Ledgers

- Hashes, Block Hashes

- What is a Merkle tree?

- Genesis Block

- What is the double-spend problem?

3. The blockchain ecosystem today

- Different consensus algorithms

- How does Blockchain work? Blockchain Layers

4. Debunking common myths about blockchain

- How is Blockchain different from Database

5. Introduction to other DLT's

MODULE 2 Decentralised apps and smart contracts | 2 HRS

Discover how blockchain is enabling new forms of management and organization through decentralized applications, smart contracts, and new frameworks for identity and data sharing.

1. What are smart contracts

How does a smart contract work?

How can you use Smart Contracts?

Advantages of Smart Contracts

2. What are decentralized applications

Introduction to decentralized applications

How decentralized applications work?

3. Features of a decentralized application

4. Popular Dapps in use

MODULE 3 Blockchain for business | 2 HRS

Explore blockchain trends, investigating the market disruptions caused by technology and the impact of blockchain in industries worldwide, and develop your understanding of the strategy framework - which you will apply to a blockchain use case.

1. Inception and History of the blockchain

2. Blockchain disruption in finance

4. Blockchain disruption in Healthcare

5. Blockchain disruption in manufacturing

6. Blockchain disruption in Agriculture

7. Blockchain disruption in Education

MODULE 4 Transformative business models | 1.5 HRS

Equipped with an understanding of the technology and strategies underpinning this space, you'll learn how to build dynamic capabilities for innovation, and recommend growth paths to help you and your group scale your blockchain business strategy.

1. Does your business need blockchain infrastructure?

2. Understand blockchain for business framework.

- Business use case scenario discussion - Digital Identity System
- What is Digital Identity?

- Model 1: Traditional Centralised model
- Model 2: Third-party IDP
- Solution: Self-sovereign Identity
- Blockchain model of Self-sovereign Identity

3. Solve cases with the help of blockchain for business framework. (Use cases- supply chain, healthcare, shipping, finance)

4. Understand blockchain and cryptocurrency regulations around the world.

MODULE 5 Hurdles to adoption | 30 mins

Explore the barriers that stand in the way of adopting blockchain and study the innovative solutions applied to such problems.

1. Complexity and Network size
2. Indian Blockchain scenario. Regulations and Dapps
3. Transaction costs, network speed
4. Unavoidable security flaw and scalability

FACULTY :

Aman Sanduja is an emerging technology leader and an entrepreneur who has co-founded three companies. He has taught 10000+ students and professionals on blockchain and digital assets across Southeast Asia. Sanduja is a professor on upgrad, a TEDx speaker and also on the board of Times groups, Bennett university. Previously, he did innovation with Google and Primal Enterprise. Sanduja has excelled courses on entrepreneurship and management from IIT Delhi and Stanford University. He is one of the early adopters of blockchain and cryptocurrencies in India and has advised various state governments and organizations on the adoption and application of the technology. He has traded, and managed portfolios and has spoken at numerous premier institutions and organizations in the country. His research focuses on blockchain technology and cryptocurrencies, and the economics of equity crowdfunding and startup growth

COST :

Total number of hours : 8 hrs (9am- 6:00pm)

Masterclass pricing generally : Rs 8000 per participant

Special pricing during COVID19 : Rs 4000 per participant

Early bird discount : **20 %** . Cost : **Rs 3200** per participant (First come first serve basis)

**** Please contact the organiser for early bird and group discount****

NOTE :

All these classes would be conducted live and recorded sessions and presentations would be available for students post the class

**** Comprehensive course material will be shared with all the participants to leverage their knowledge****

**** You will be a part of growing community in Blockchain across India ****

Blockchain business program <> Convergence India

Disclaimer : This plan is strictly confidential and only for a review and discussions with Convergence India organisation. All information is confidential and should not be shared without permissions of the sender.