



EXECUTIVE PROGRAM BLOCKCHAIN TECHNOLOGIES AND APPLICATIONS FOR BUSINESS

PGP - BTA



www.aqstem.org

The India Blockchain Alliance was established with the purpose of mutual assistance in the field of business development, networking, cooperation and a joint approach to defending the interests of the members of the alliance. It also seeks to raise awareness of the importance of the blockchain technology among the professional and lay public, and, therefore, organizes various events and training courses. It also cooperates with the government authorities in the field of the relevant legislation.

The India Blockchain Alliance is a key player in the process of creating a setting that will transform India into a global blockchain destination. The members work harmoniously and in unison for the benefit of the individual and collective business development of blockchain companies.

Established in 2015, The India Blockchain Alliance (IBA) is the most influential voice in the blockchain industry. It is a not-for-profit organisation that promotes evidence-based adoption of Blockchain and Distributed Ledger Technologies (DLT) across the public and private sectors.

Our alliance is drawn from the worlds of Blockchain, Academia, Information Technology, Computer Science, regulators and policymakers in the field of distributed ledger technologies. IBA is a close-knit network of experts and organisations connecting policymakers, academics, blockchain engineers, venture capitalists and visionaries.

MISSION

IBA aspires to see an India that leads the world in the adoption of blockchain technology that has transformed the economy and society to achieve significantly greater competitiveness, efficiency, service quality, social engagement and employment. IBA aims to encourage the responsible adoption of blockchain technology by industry and governments across India as a means to drive innovation in service delivery across all sectors of the economy.

VISION

India Blockchain Alliance was founded on the premise that blockchains have the potential to transform many aspects of India's financial, social, and governance systems in ways that make them more decentralized, open, and equitable. Such transformations, however, will affect all country men and its important to ensure that all classes of stakeholders (private, public regulatory, academic, and more) are connected in open conversations about how use this science to benefit Indians and build India as a leader in blockchain technology.



Blockchain and cryptocurrencies grab a lot of headlines in the media. But is it just hype or are there some practical applications for your industry, for your organization? In the same way that personal computers, open source software, and the internet promised enormous potential in their early days, blockchain technology offers ample possibilities to benefit both business and society at large.

The annual business value of blockchain technologies is forecast to exceed \$3 trillion by 2030, according to Gartner. In addition, a PwC survey of 600 executives on the state of blockchain today reveals that 84 percent reported that they are “actively involved” in blockchain technologies in some way. That response spans a spectrum from being in a research phase to launching a pilot or running live systems. But these figures show that blockchain has left the station at full steam ahead.

But what about the broader societal impact — can blockchain improve the quality of life for people around the world? In a word, yes. Hundreds of organizations, including nonprofits, non-government organizations, and governments, are using blockchain technology to drive massive social good. That change includes financial inclusion; building more efficiency into currency exchanges; building wealth independent of a country’s inflation; and securing environmental land rights in developing countries, to level the playing field.

In IBA's Executive Education’s online program, Blockchain Technologies and Applications for Business, we’ll explore the myriad of applications for blockchain technology, the architecture that supports cryptocurrencies such as Bitcoin and more than a thousand other digital currencies. The program covers cryptocurrencies, but also ventures into broader topics, exploring:

- Regulatory and policy considerations
- How a company can re-invent itself or enter new markets using blockchain technologies
- How entrepreneurs can tap into the emerging blockchain ecosystem and find new ideas
- Privacy and risk considerations



An incorruptible digital ledger of economic transactions that can be programmed to record not just financial transactions but virtually everything of value.



Alex Tapscott Author | “Blockchain Revolution”

WHO IS THIS PROGRAM FOR?

Progressive leaders in both the public and private sectors need to understand what new digital technologies such as blockchain can and can't do for their organizations. If you find yourself asking what the opportunities and the limitations of blockchain are, then this program is for you. Representative roles and industries that can benefit include:

- Business/technology strategists and consultants
- Entrepreneurs who are interested in launching new ventures relating to blockchain or cryptocurrencies
- Financial and banking professionals, including those in risk management and regulatory roles Government officials, policy makers, and civil servants from around the globe, as this program takes a truly global perspective
- Insurance and real estate professionals
- Investors who want to understand the developing blockchain ecosystem to inform investment decisions
- IT and security professionals
- Supply chain management professionals



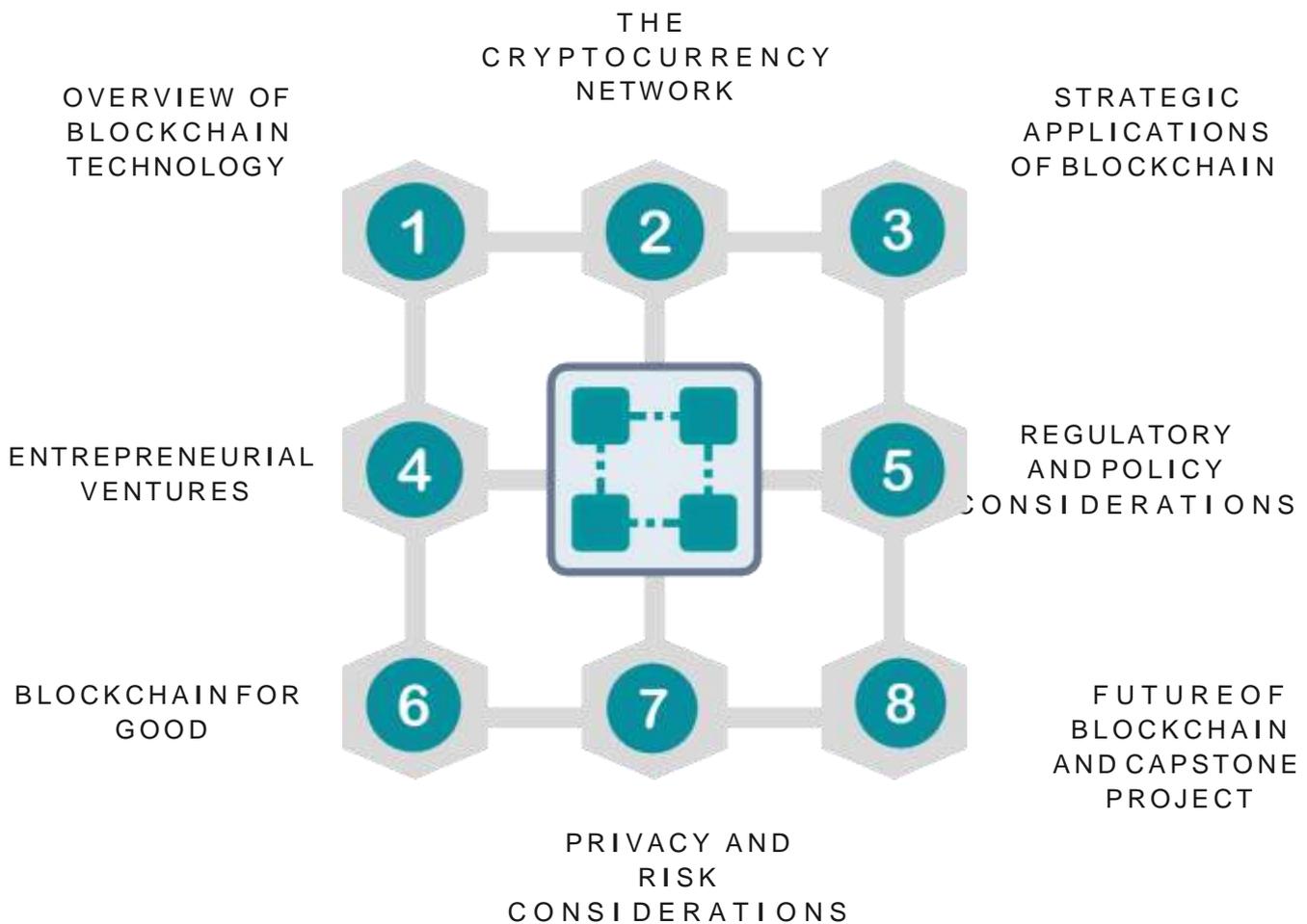
An incorruptible digital ledger of economic transactions that can be programmed to record not just financial transactions but virtually everything of value.



Alex Tapscott Author | "Blockchain Revolution"

YOUR LEARNING JOURNEY

During this online journey, you'll connect with the very best of faculty, industry leaders, and peers from every corner of the globe, taking a deep dive into the applications of blockchain technology for business and society. Taking a case-based approach featuring use cases from finance, healthcare, supply chain management, and consumer products, you'll collaborate through moderated discussion boards and join faculty for live interviews with industry leaders, including Q&A. In addition there are live office hours to supplement the live and recorded sessions.



Blockchain could change our world more than people can imagine

Jack Ma | Founder | Alibaba





Overview of Blockchain Technology

1

- What is blockchain technology and where did it come from?
- Who owns, manages, and governs blockchain and cryptocurrencies?
- What are the broad implications for business, society, and governments



The Cryptocurrency Network

2

- Overview of the more than 1,000 cryptocurrencies including Bitcoin and Ripple
- What are the major cryptocurrencies in the global market and what makes one more secure, popular, or volatile?
- What exchanges are out there for rating, trading, and liquidity?



Strategic Applications of Blockchain Technology in Existing Businesses

3

- Use cases on a variety of blockchain applications including supply chain, healthcare, consumer, and social impact
- Learn how companies can use new technologies such as blockchain to enter new markets or turn around a flagging business



Entrepreneurial Ventures Using Blockchain

4

- Overview of the developing blockchain ecosystem from service providers to initial coin offerings
- Insights for entrepreneurs and investors on the market and how it's evolving
- Identifying new opportunities in the blockchain ecosystem



Regulatory and Policy Considerations of Blockchain Technology

5

- **Latest regulatory and policy developments and governance of blockchain in major economies**
- **Smart contracts and why they're increasing in popularity for a variety of applications**



Blockchain for Good

6

- **How blockchain can be used for massive social good, including use cases of BitPesa and Rippleworks**
- **Which sectors are seeing the greatest penetration and successes?**



Privacy and Risks in Using Blockchain Technology

7

- **Risks associated with adopting new technologies such as blockchain, including hacking**
- **Privacy considerations around the blockchain**



Future of Blockchain Technology

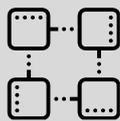
8

- **Trends to keep your eye on**
- **Ways to apply these emerging technologies to your organization through a final capstone project**
- **Engage with peers to learn how others are using blockchain**



TECHNICAL WORKSHOPS AND WEEKLY TECHNICAL DEEP DIVES

Our Faculty, in conjunction with industry experts, take participants through technical workshops and deep dives to bring them up to speed with years of research by developers. The sessions are designed to make daunting ideas in the world of blockchain technology easily understandable. This is done by immersing participants in real-life applications and examples. Since blockchain and its applications evolve fast, the sessions allow participants to understand the relevance of such technology to their own industries and businesses. These sessions are powerful pedagogical tools to demystify complex terminologies, technologies and applications. Given below is a list of technical workshops and deep dives covered in each module.



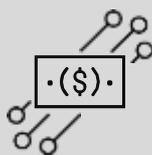
Module 1:
Blockchain Explorers



Module 2:
**Create Your Own
Cryptocurrency
Wallet**



Module 3:
**Receive and work
with real
Ethereum**



Module 4:
**Make your own
cryptocurrency**



Module 5:
**Make your own
Blockchain**



Module 6:
**Understanding
the DApp
Ecosystem
and Tools**



LIVE SESSIONS

This course brings the live classroom experience to you through regular sessions with our faculty. Participants can interact with and take advantage of the faculty's vast experience by engaging them in conversations around what matters to the participants. It is a great space to delve deeper into concepts that may need further discussion or elaboration in addition to the usual course contents. Participants can also take advantage of the sessions to speak about specific examples they have been dealing with or trying to understand.

The live sessions are similar to office hours where the course content can be elaborated in the direction that matter to students and participants.





Supply Chain Case: Maersk

Could blockchain be the holy grail for the largest shipping company in the world? Could this technology help to eliminate onerous paperwork and reduce fraud and shipping delays? Should Maersk create an industry platform for all shippers or go at it alone?



Financial Case: Deutsche Bank

How does a financial institution with \$1.7 trillion in assets under management begin to assess the opportunities that blockchain technology may offer? Learn how Deutsche Bank is executing its strategy to become a more digital bank by harnessing innovation in its internal incubator, Deutsche Bank Labs. Deutsche Bank is experimenting with blockchain technology to deploy "smart contracts" to make the life cycle of corporate bonds more efficient.



Healthcare

The healthcare industry is 2.5 times as likely to be the target of a data security breach. Blockchain and cryptocurrencies can help the healthcare system to be more secure with applications such as:

- Keeping patient records secure
- Ensuring that pharmaceuticals are genuine quality
- Reducing insurance fraud in public and private healthcare markets

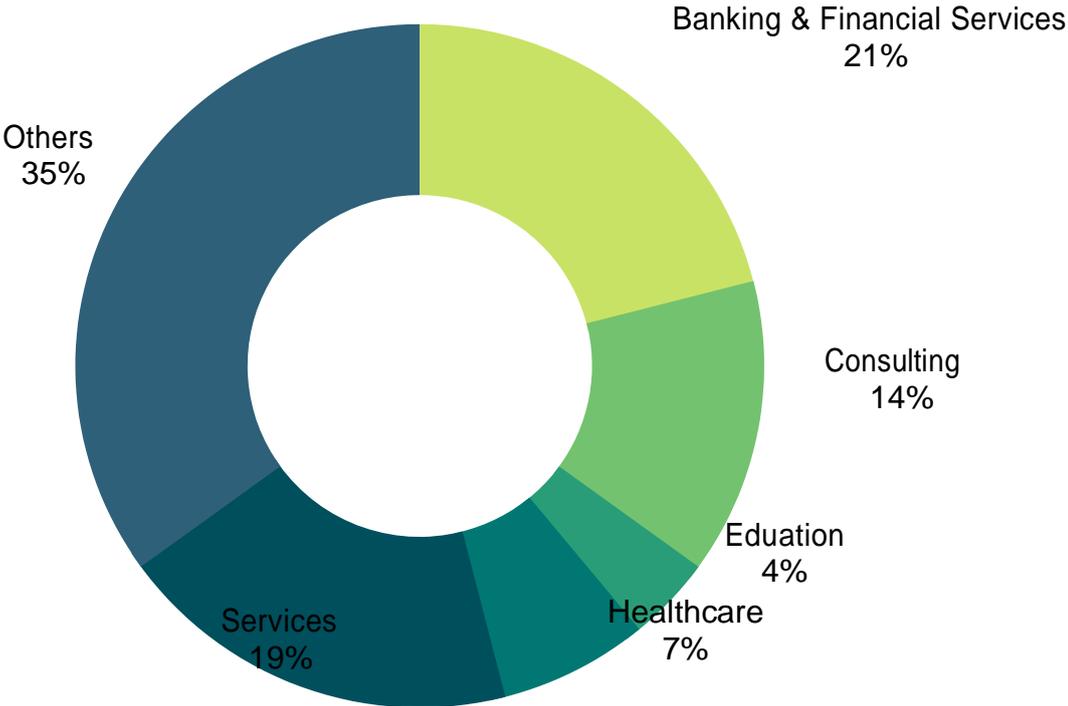


Social Impact: Rippleworks

Could blockchain be used for massive good in society? The founders of Ripple, one of the top traded cryptocurrencies in the world, set up a foundation with a significant amount of its holdings with the goal to fund Blockchain for Social Impact.

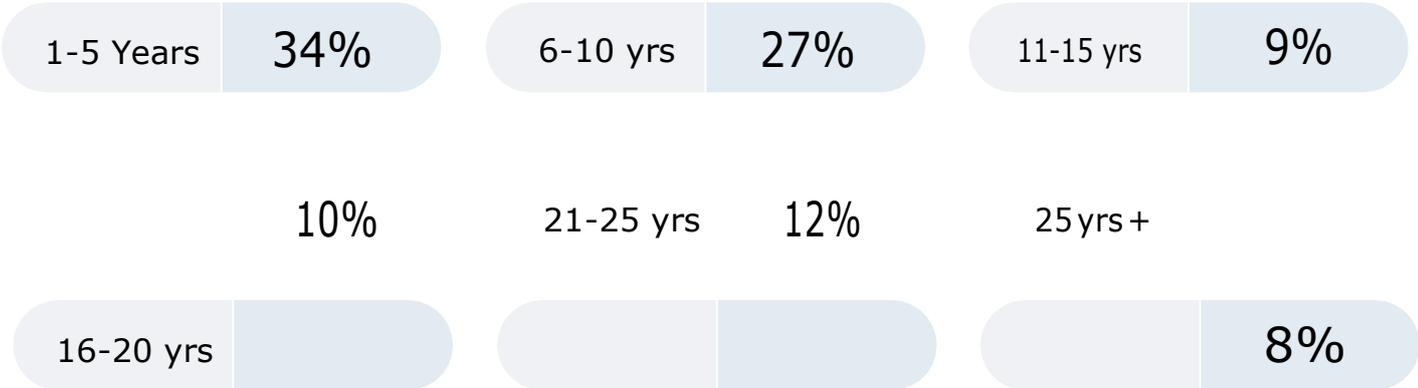
PARTICIPANT PROFILE

You'll be in good company on your blockchain journey. Past participants come from a wide range of industries, job functions, and management levels.



Others include - Advertising, Agriculture, Civil construction, Ecommerce, Industrial Goods, Media, Retails, Electronics / Hardware, Energy, Telecommunications, Transport - Logistic and Real Estate.

WORK EXPERIENCE



UNIQUE PROGRAM FEATURES

- 1-1 Mentoring
- Gain in-depth subject knowledge and expert insights from industry-driven comprehensive curriculum
- 24/7 access to study material & video lectures
- Global Faculty
- Live interactions with Blockchain experts and Corporate leaders
- Hands-on experience to solve corporate level Blockchain issues
- Live Projects
- Career guidance and support through leading recruitment partners
- Free Lifetime IBAMembership

LEARNING METHODOLOGY



INTERACTIVE
LECTURES



HIGH-QUALITY
RECORDED VIDEO
LECTURES



E-LEARNING
ACTIVITIES



ILLUSTRATIVE
PRESENTATIONS



CASE STUDIES,
MINI-PROJECTS &
ASSIGNMENTS



INDUSTRY
WORKSHOPS



LIVE PROJECTS



CASE STUDIES,
MINI-PROJECTS &
ASSIGNMENTS

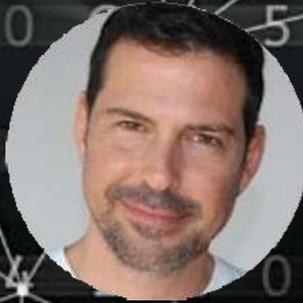


INSTRUCTOR-LED
PRACTICE
SESSIONS ON
PLATFORMS

THE FACULTY



RAJ KAPOOR
FOUNDER
INDIA BLOCKCHAIN ALLIANCE



GEORGE LEVY
BLOCKCHAIN LEAD
BLOCKSEDU



JOSEPH HOLBROOK
FOUNDER
TECH COMMANDERS



PELLI WANG
MANAGING PARTNER
DEER CREEK INC



RAJAN KOTADI
FOUNDER
BIGBLOCKS



THOMAS WIESNER
FOUNDER
THINKING ASSETS



DREW HINGORANI
FOUNDER
AI BLOCKCHAIN



PETER LEE
FOUNDER
BLOCKCHAIN INDUSTRY
GROUP



KHWAB SETH
FOUNDER
TERSE BLOCKCHAIN

CERTIFICATION



On successful completion of the program, earn an Executive Program in Blockchain Technologies and Applications for Business from BlockEdu and IBA certified by FTI, the largest certification body in emerging technologies worldwide.

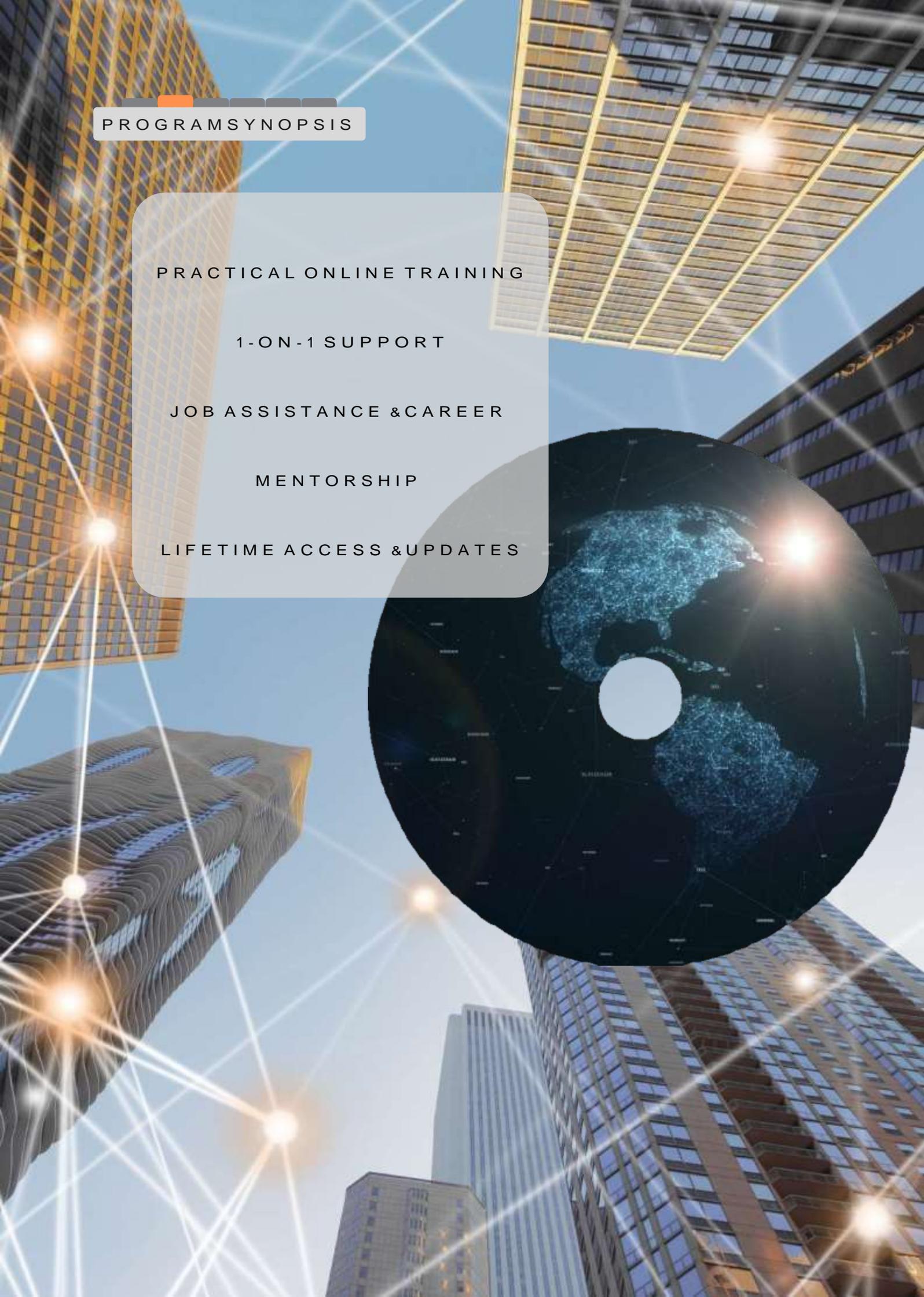
Add the certificate to your CV and improve your job/business prospects.



Get recognized! Upon successful completion of the program, IBA - FTI grants a verified digital certificate of completion to participants. This program is graded as a pass or fail; participants must receive 80 percent to pass and obtain the certificate of completion.

Note: After successful completion of the program, your verified digital certificate will be emailed to you in the name you used when registering for the program.

All certificate images are for illustrative purposes only and may be subject to change at the discretion of FTI-IBA



PROGRAMSYNOPSIS

PRACTICAL ONLINE TRAINING

1-ON-1 SUPPORT

JOB ASSISTANCE & CAREER

MENTORSHIP

LIFETIME ACCESS & UPDATES

Contact:- 09158525543/07709152055
Email :- aparna@agstem.org /www.agstem.org

