

Certification in

Payments, Crypto-Currencies, & Alternative Finance

Offered by



In Collaboration with



*Industry Partners, Certifications &
Collaborators*



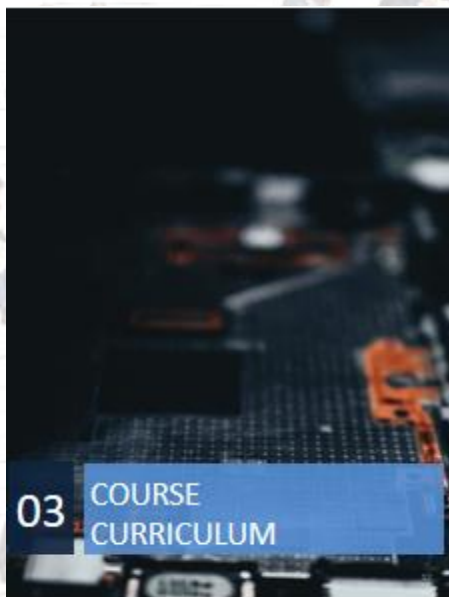
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About the Program

The Certification program" Payment, Cryptocurrencies, & Alternative Finance" is being offered by Christ University, in collaboration with industry partners/collaborators such as EduEdge Pro, and Blockchain Council.

This Program is designed to provide deep rigorous training in Cryptocurrencies Primer, Importance of ICO in Alternative platform, Global Payment Ecosystem, Payment Stacks in India, Concept of P2P Lending, Crowdfunding Architecture, SME/MSME Lending, Regulatory Framework for Product Pricing, and other important frameworks.

PLATFORMS

YOU WILL LEARN



 python™

 jupyter

 pandas

 SciPy


ethereum


TRUFFLE



 NumPy

QuantLib



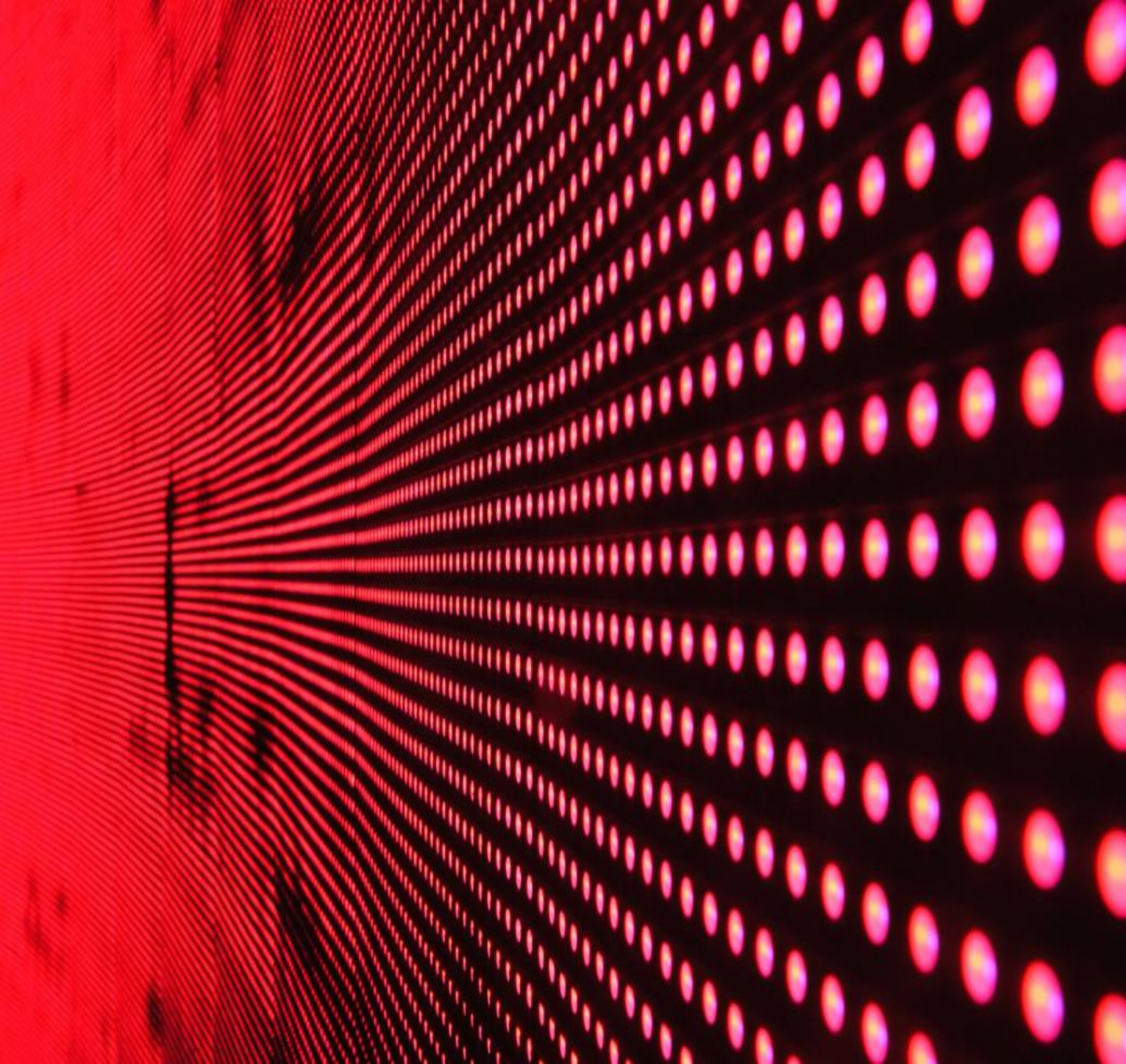
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 SQL



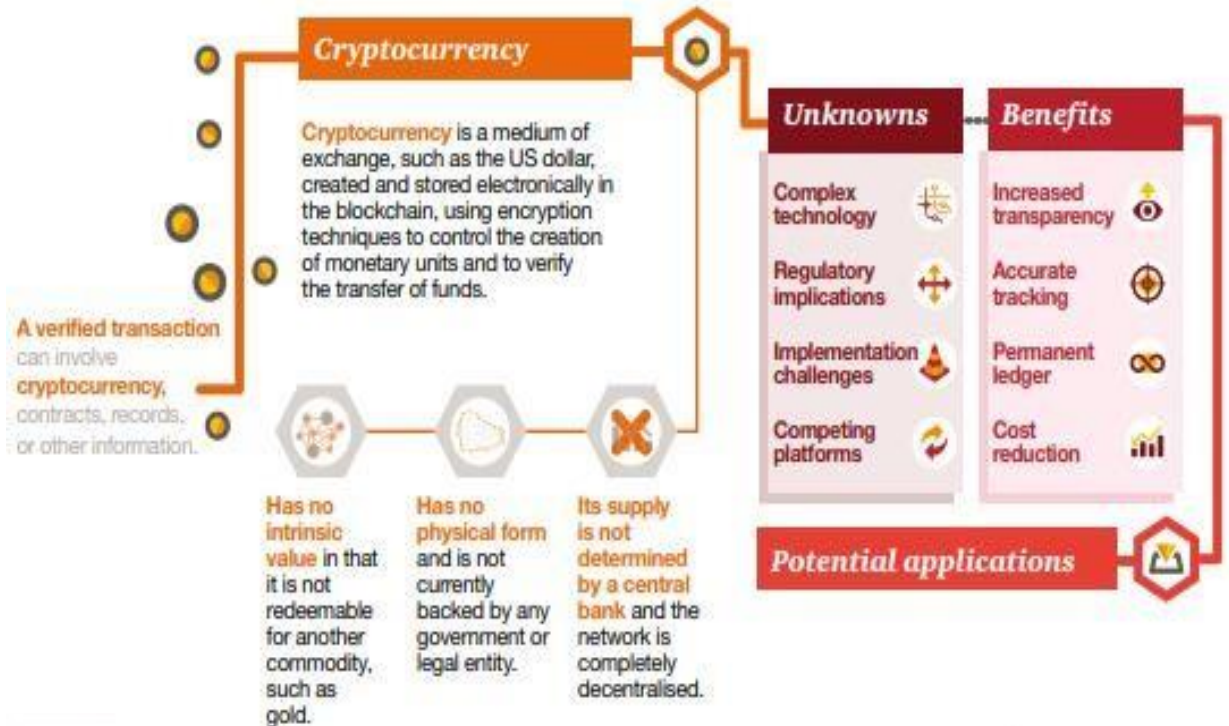
BIGCHAIN  DB



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WHY THIS COURSE

HOW DOES CRYPTOCURRENCY WORK



Voting



Using a blockchain code, constituents could cast votes via smartphone, tablet or computer, **resulting in immediately verifiable results.**

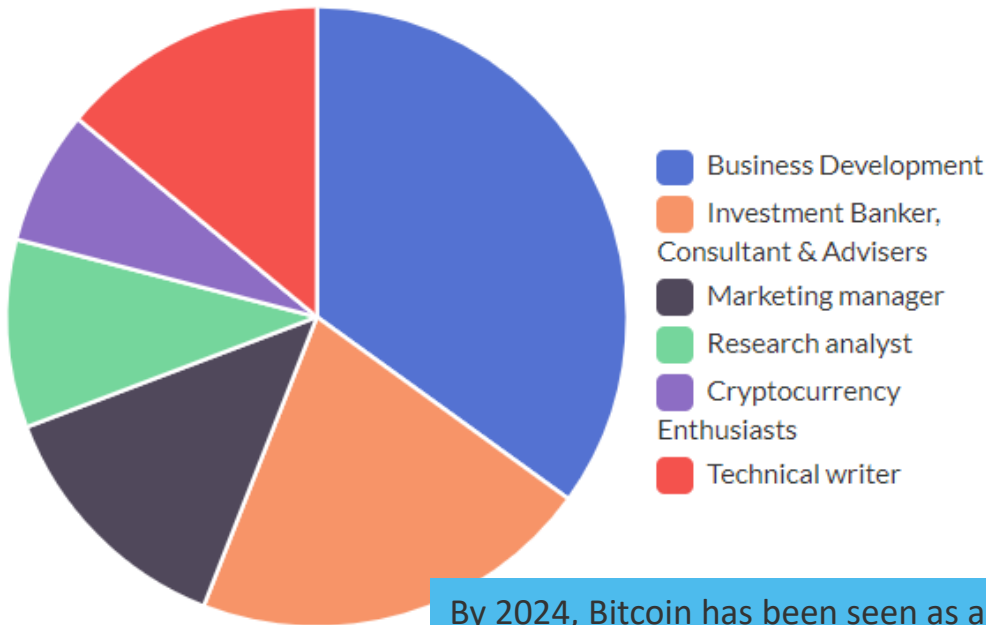
Healthcare



Patients' encrypted health information can be shared with multiple providers without the risk of privacy breaches.

Career Facts

TOP JOB FUNCTIONS



By 2024, Bitcoin has been seen as a decentralized alternative to existing fiat currencies such as the US dollar (USD) (usually backed by some central government). Furthermore, Cryptocurrency technology has been used for a range of other uses, including smart contracts and Blockchain technologies, such as games, cloud storage, and more. This proves that the demand for Cryptocurrency Experts will increase. The title of cryptocurrency Expert will, therefore, help you to stand out from the crowd and get an edge in the job market.

What does a Cryptocurrency Expert do?

Cryptocurrency Experts can excel in a number of fields such as financial trading, Blockchain consulting, and even as individual traders investing in the Cryptocurrency markets. Cryptocurrencies have been one of the most revolutionary inventions in the last 100 years which has led to a frenzy when it comes to earn money from them.

APPLIED
FINTECH FOR
BUSINESS

1



BLOCKCHAIN
FOR FINTECH &
APPLICATIONS

2



PAYMENTS,
CRYPTO-
CURRENCIES,
&
ALTERNATIVE
FINANCE

3



BANKTECH ,
INSURTECH
&
REGTECH

4



FINTECH FOR
CAPITAL
MARKETS



CERTIFICATIONS ROADMAP

Positioning of this certificate
program in broader PG
Diploma Program

INDUSTRY CERTIFICATIONS

Certified Cryptocurrency Expert™ (CCE)

Certified Cryptocurrency Expert™ (CCE) is an advanced level certification and training rendering expertise on Cryptocurrencies and digital assets. Cryptocurrencies are making huge inroads in the process, and they are actively traded and mined nowadays. The CCE credential certifies an individual in the Blockchain discipline of Distributed Ledger Technology from a vendor-neutral perspective.

Certified Cryptocurrency Expert™ (CCE) is a course designed to familiarize individuals with the ins and outs of Cryptocurrency trading from scratch. In addition to learning about the strategies for making optimal trading decisions in the bustling Crypto market, participants will also learn about the fundamentals of the technological infrastructure that powers Blockchains behind the scenes. The focus of this course is to make the Cryptocurrency concepts accessible to people with little to no knowledge of Blockchain technology beforehand. The certification is designed by industry leaders using years of research and experience, which translates to very high-quality education for the learners.



The final outcome of this course is that the individual who successfully completes it would become a master of Cryptocurrency trading and would be able to implement sophisticated trading techniques employed in the course to make consistent healthy profits in the Cryptocurrency markets.



03 COURSE CURRICULUM

CRYPTO-CURRENCIES AND ICOS (Module 1)

- Cryptocurrencies Primer
- Bitcoin and Applications
- Cryptocurrencies and Digital Crypto Wallets
- Types of Cryptocurrencies
- Cryptocurrencies and Applications
- What is an ICO?
- Importance of ICO in Alternative Finance
- Regulations for Crypto and tokens

PAYMENTS -ARCHITECTURE AND TECHNOLOGIES (Module 2)

- Global Payment Ecosystem
- Payments Architecture and Setup
- Innovation in Consumer and Retail payments
- Popular Payments Technology
- Blockchain and Cryptocurrencies in Payments
- Payment Stacks in India
- B2B & B2B2C solutions
- "Innovative Products in Mobile based, Credit Cards, POS based ecosystem"

P2P LENDING, CROWD-FUNDING AND INFRASTRUCTURE (Module 3)

- Concept of P2P Lending
- P2P and Marketplace Lending
- P2P Infrastructure and technologies
- Concept of Crowdfunding
- Crowdfunding Architecture and Technology
- P2P and Crowdfunding unicorns and business models
- "SME/MSME Lending: Unique opportunities and Challenges, Solutions and Innovations"

COURSE CURRICULUM

Industry CURRICULUM

Introduction to Blockchain (Module 1)

- What is Blockchain?
- Why is Blockchain a Distributed, P2P Network?
- Blockchain Vs Cryptocurrency
- Types of Blockchain
- What Are Different Blockchain Technologies?
- Benefits of using Blockchain Technology

Blockchain Ecosystem (Module 2)

- Merkle Tree and Hashing
- Blocks, Wallets, and Addresses
- Public and Private Key
- Cryptography and Cryptographic Algorithms
- Transaction Execution and Distribution
- Components of Blockchain Ecosystem
- Blockchain Architecture

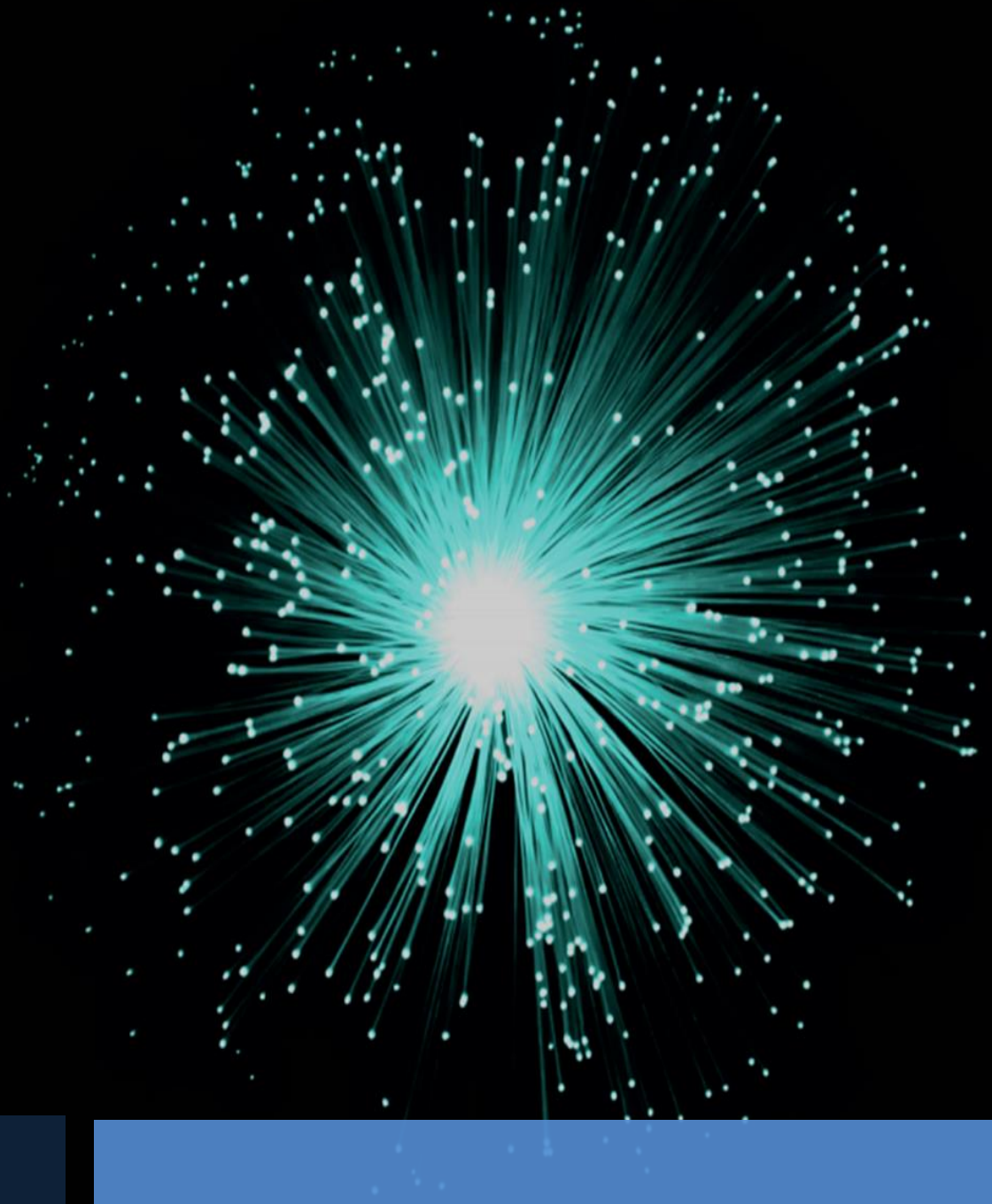
Blockchain Mining (Module 3)

- What is Blockchain Mining?
- Types of mining
- What are Miners?
- Security and Privacy
- What are Smart Contracts?
- What is Consensus?
- Types of Consensus Algorithms

Blockchain Solutions - Steps and measures, Use case (Module 4)

- Blockchain use cases in Financial Sector
- Blockchain use cases in Business Sector
- Blockchain use cases in Government & Public Sector
- Blockchain use cases in other Industries





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PROGRAM DETAILS



Program Coverage

In this Course, you will learn Cryptocurrencies Primer, Importance of ICO in Alternative platform, Global Payment Ecosystem, Payment Stacks in India, Concept of P2P Lending, Crowdfunding Architecture, SME/MSME Lending, Regulatory Framework for Product Pricing, and other important frameworks.



3-Months Weekend Program

The Program would be offered on the weekends to enable optimal learning to those participants who are working in the Industry



Industry Partners

Our industry partners would provide you the appropriate domain and industry expertise to Cryptocurrencies and Fintech Industry challenges in the real world



Careers and Placement help

Our program would fast track your career progression in Cryptocurrencies and Fintech Industry through our dedicated Placement Assistance and Industry Networking

PROGRAM HIGHLIGHTS

PEDAGOGY



Blended Learning

The Program would offer an optimal blended mix of On campus bootcamp sessions, online sessions, self-paced sessions to maximize learning



Project & Live Lab

The Project gives you the opportunity to apply Crypto-Currencies & Alternative Finance concepts



Industry-oriented curriculum

Industry focused curriculum offered in a flexible online blended interactive format that works for busy professionals



One of the first institutions in India to be accredited in 1998 by the NAAC, and subsequently in 2004 and 2016, CHRIST University has the top grade 'A' in the 4-point scale. It has consistently ranked among the top ten for UG courses in surveys done by the India Today group, having specialized program offerings across Data Science, Analytics, Capital Markets, and FinTech.

The multi-disciplinary University which focuses on teaching research and service offers Bachelors to Doctoral programs in Humanities, Social sciences, Science, Commerce, Management, Engineering, Education, and Law to over 25000 students.

United Nations Academic Impact (UNAI) membership has added Christ University to the UNAI team of 1470 institutions in 146 countries, who are working with the United Nations to promote global priorities, including peace, human rights, and sustainable development.



EDUEGE PRO is an EdTech initiative, founded by Mr. Harjeet Singh, a Stanford Alumnus and Financial Mathematician.

EduEdge Pro provides Skill Development and Skill Enhancement education in specialized domains within BFSI, Data Science, Analytics, FinTech, Capital Markets and Algorithmic Trading in order to bridge the gap between academia training and industry needs and to provide Upskilling.

EduEdge Pro conducts corporate training programs for leading global investment banks, asset management firms, financial institutions, exchanges and brokerage houses.

It works with leading educational institutions and universities in providing end-to-end solutions such as Centre of Excellence, Financial Research Lab and Specialization Curriculum Tracks.

PROGRAM PARTNERS

PROGRAM CHAIR



HARJEET SINGH

Program Chair

Harjeet has been a serial entrepreneur in FinTech, EdTech and Capital Markets and is a Financial Mathematician and Alumnus of Stanford University. He has a rich and varied experience in Global Markets & Risk, Investment Management, Sales & Trading, Algorithmic Trading, Quantitative Finance and Management Consulting across international financial institutions, banks, MNCs such as Morgan Stanley, Nomura, Standard Chartered Bank, Merrill Lynch and Accenture Consulting.

He is the Founder-Director, Global CIO and Board Member of Stelios Asset Management, a global Hedge Funds across India, Mauritius and Dubai. He is also Founder-Director of EduEdge Pro, a leading EdTech company. He is a leading industry expert in Algorithmic Trading, FinTech and Analytics. He also consults the Ministry of Finance on matters related to policy frameworks in Capital Markets

Global Charters

He has received the CFA, FRM, CAIA and PRM International charters and is a member with international associations such as CFA Institute, Global Association of Risk Professionals (GARP), Chartered Alternative Investment Analyst Association (CAIA Association) and Professional Risk Managers' International Association (PRMIA).

Asset Management Business

He is currently the Global CEO, CIO and Board Member of Stelios Asset Management Pvt Ltd. Founded in 2019, STELIOS Asset Management has received Series A international VC funding for setting up global Hedge Funds as well as onshore/offshore India-focused Hedge Funds. He has received Investment Manager licences to start hedge funds across India, Mauritius and Dubai. He holds a SEBI-registered AIF CAT III license for a long/short Equity fund in India.

Consultant to Ministry of Finance

He is also consulting the Department of Economic Affairs – Ministry of Finance in Capital Markets Policy Formation.

EdTech Initiative

He is the Founder-Director at EduEdgePro Pvt Ltd. EduEdgePro is an EdTech initiative, founded by Harjeet as part of a Family office initiative. EduEdgePro provides Skill Development and Skill Enhancement in BFSI and Analytics in order to bridge the gap between academia training and industry needs. It runs B2B programs with leading corporates and educational institutions/universities across India. EduEdgePro has conducted specialized domain training sessions in Capital Markets and Analytics for Exchanges, Regulators, Asset Management firms, Banks, Financial Institutions, Universities such as Securities and Exchange Board of India (SEBI), Multi Commodity Exchange (MCX), National Stock Exchange (NSE), Invesco Asset Management, Prudential Asset Management, JP Morgan Asset Management, Nomura, Morgan Stanley, Christ University and National Institute of Securities & Markets (NISM).

EduEdgePro has collaborated with industry partners such as Moody's Analytics, Bloomberg, CISI and MCX to provide industry-relevant certification training and programs.

FinTech Initiative

His other firm, QRAC Pvt Ltd, is an Indian FinTech company, founded by Harjeet as part of a Family office initiative. QRAC houses a Quantitative Investment Research division that specializes in building Quantitative Investment Strategies across global equities, commodities, currencies and fixed income for Institutional Advisory portfolios.

ELIGIBILITY CRITERIA



EDUCATION

10+2 aspiring candidates of any educational background with an analytical frame of mindset are most suited one to pursue Payment, Cryptocurrencies, & Alternative Finance Certification program



WORK EXPERIENCE

Work experience is not mandatory.

However it is desired that you have internship or full-time experience so that you can move up the learning curve faster through prior industry domain knowledge.



PROGRAMMING EXPERTISE

It is not required to have a Programming background, although desirable.

However, those without Programming background will undergo Pre-requisite training on Programming to accelerate the learning when the Program begins.



SELECTION & ADMISSION PROCESS

Application Process

The Application process consists of a few simple steps as shown below. An offer of admission would be made to the selected candidates and accepted by the candidates by paying the admission fee.

1 ▶▶

Program
Counselling

2 ▶▶

Application

3 ▶▶

Interview

4 ▶▶

Documentation

5 ▶▶

Payment
Processing

6 ▶▶

Confirmation

STEP 1 PROGRAM COUNSELLING

We have a dedicated admission counsellor who are here to help guide you in applying to the program. They are available to:

- Address questions related to application.
- Assist with Financial Aid (if Required)
- Guide career role and opportunities after certified.
- Help you to understand the program detail and pedagogy.

STEP 2 APPLICATION PROCESS

- Complete your application to kick start the admission process.
- Rate your various skills of OOPs language, quantitative and logical ability.
- Submit application fee: ₹ 500/-
- Submit the form successfully and scheduled your interview with us.

STEP 3 INTERVIEW PROCESS

- Interview is with admission committee, who will review the candidate profile.
- Selection will be determined on the basis of academic records, work experience, test scores and interview.
- Upon qualifying a confirmation letter for admission to the PG Diploma in Data Science will handover to the candidate.

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STEP 4

DOCUMENTATION

After interview on the basis of confirmation letter, the required papers mentioned in the mandatory list of documents as per eligibility criteria. You would be required to submit your marksheets, education certificates, work experience proofs amongst other necessary documents.

STEP 5

PAYMENT PROCESSING

Block your seat with the initial amount of fees and begin with your prep course and start your Data Science journey.

Full or annual program fee to be deposited within 1 week of offer letter / program start – whichever is earlier.

STEP 6

CONFIRMATION

Your admission will be confirmed basis the selection procedure, document authentication and fee payment.

A welcome letter, ID card, student number and portal access will be shared upon successful completion of the admission process.



PROGRAM FEES

PROGRAM FEE

Application fee: INR 500 plus GST
Indian participants: INR 75,000 plus GST
International participants: USD 2500 plus taxes

FINANCING OPTIONS

Please get in touch for further details

SCHOLARSHIPS

Existing Christ students and Alumnus: Available
Other participants: Available on outstanding merit record

CORPORATE DISCOUNTS

Available on nominations of 2+ participants
Kindly contact us for further details