

Blockchain and Crypto Trading

(Value Added Certificate Course)

Course Code: CPCC40

Summary Report 2022-23

During the academic year 2022-23, the course was started on November,2022. There were 26 students for the course. All the students completed the course. The course was of 30 hrs. duration.

Course Outcome:

Students are trained to

- **Handle different situations in a professional and an analyst perspective.**
- **The course will enable them to develop an on-trading methodology and gives confidence in trading**
- **Equip themselves as a trained crypto trading and block chain analyst**
- **The course will help to analyse fundamentals of a project and decide whether invest in it or not**

Coordinator: Dr. Franco T. Francis

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Teacher Coordinator Report 2022-23

Number of students	26
Date of examination	28-02-2023
Total students who passed exam	26
Total course duration	30 hrs

Feedback analysis:

- **The students learned more about the technical side of Block Chain and Crypto Trading.**
- **They are happy with the help provided by the technical team of crypto academy through out the course and after for trading.**
- **Most of the students suggested the course for coming batch.**

Coordinator: Dr. Franco T Francis



BLOCKCHAIN AND CRYPTO TRADING

Name of the Course : *Blockchain and Crypto Trading*

Course offered by : *Economics*

Course Coordinator : *Dr. Franco T. Francis*

Course Code : *CPCC40*

Learning Outcomes :

- *Develop Blockchain skills & understanding.*
- *Gain an in-depth understanding of Blockchain & its implementation*
- *Implement skills in any Blockchain applications*
- *Build Blockchain enterprise with acquired knowledge*

Course Module :

- *Module I: Bitcoin, NFT, and Metaverse*
- *Module II: Financial Markets, Trading Instruments, and Investment Strategies*
- *Module III: Technical Analysis and technical analysis Indicators*



SYLLABUS

MODULE I

History of Bitcoin- Digital cash before Bitcoin-Bitcoin mining work-Bitcoin on peer-to-peer markets- bitcoin wallet-scalability-Lightning Network, forks: Soft forks-Hard forks- Bitcoin node-Ethereum and DAO - Ethereum Classic- mining work- Ethereum tokens- peer-to-peer markets-Ethereum wallet-Hot wallets and Cold wallets- Ethereum staking-Decentralized Finance (DeFi), Decentralized Exchanges (DEXs) on Ethereum-Ethereum node-Ethereum ProgPo, NFT-ERC Standards-Walkthrough Opensea- Metamask account set-up-Creating & Minting an NFT, History of Web and evolution-Metaverse -Product of Extended Reality-Augmented Reality (AR)-Virtual Reality (VR)- Mixed Reality (MR)-Artificial Intelligence (AI)-Financial and Economics of Metaverse-Benefits of Metaverse-NFTs in MV-Cryptocurrency in MV-Cybernetics-Gaming, Meetings, Virtual Learning, Social Interactions, Virtual Real-estate, e-commerce and Digital Identity in Metaverse (10 Hours)

MODULE II

Fundamental analysis vs. technical analysis of Trading- Financial Markets and Trading Instruments -Spot market-Margin trading-Derivatives market-Forward and futures contracts-Perpetual futures and Options contracts-Foreign exchange (Forex) market-Leveraged tokens
Trading and Investment Strategies, Portfolio and Risk management, Day, Swing, and Position trading, Scalping Smart money concepts (SMC)-Dow Theory-Elliott Wave Theory-Wyckoff Method, Index investing and Paper trading (10 Hours)

MODULE III

Technical Analysis-Long position-Order book depth-Market order-Slippage in trading-Bid-ask spread-Candlestick chart and Trend line- Support and resistance-Technical Analysis Indicators-Leading vs. lagging indicators-Momentum indicator-Trading volume-Relative Strength Index (RSI)-Moving Average (MA)-Moving Average Convergence Divergence (MACD)Fibonacci Retracement tool-Stochastic RSI (StochRSI)-Bollinger Bands (BB) Volume-Weighted Average Price (VWAP)Parabolic SAR-Ichimoku Cloud. (10 Hours)

REFERENCE

1. "Mastering Bitcoin: Unlocking Digital Cryptocurrencies" by Andreas M. Antonopoulos
2. "The Internet of Money" by Andreas M. Antonopoulos
3. "Blockchain Basics: A Non-Technical Introduction in 25 Steps" by Daniel Drescher
4. "Digital Gold: Bitcoin and the Inside Story of the Misfits and Millionaires Trying to Reinvent Money" by Nathaniel Popper
5. "Cryptoassets: The Innovative Investor's Guide to Bitcoin and Beyond" by Chris Burniske and Jack Tatar
6. "The Age of Cryptocurrency: How Bitcoin and Digital Money are Challenging the Global Economic Order" by Paul Vigna and Michael J. Casey
7. "Trading Cryptocurrencies: A Beginner's Guide" by Clem Chambers

BLOCKCHAIN FUNDAMENTAL AND CRYPTO TRADING

(Value Added Certificate Course)

Second Batch : 2022-23

Sl. No	Name	Email
1	NOUFAL KALLAN	noufalkallan02@gmail.com
2	RENJITH CP	ranjukmgm@gmail.com
3	HIBA MV	hibamv57@gmail.com
4	ALAN JOSH Y P	alanjoshy517@gmail.com
5	SIXSON FRANCIS	sixon619@gmail.com
6	ANEKHA N K	anekha05@gmail.com
7	KRIPA JIJI PARAKKAL	kripaparakkal05@gmail.com
8	MARIYA JOSEPH	mariyajosephph@gmail.com
9	ASHLYN EUGENE	ashlyneugene2004@gmail.com
10	ANUSHKA K A	nithyaajayaghosh@gmail.com
11	RINTA MARIA P.V	rintamariapv@gmail.com
12	ANGEL STANLY C	angel.stanly.c1@gmail.com
13	NANDANA P MANOJ	nandanapmanoj41@gmail.com
14	MOHAMMED ATHIF ZAIN K K	zainathif25@gmail.com
15	DILEEP K K	dileepdubai@gmail.com
16	PRAVEEN K S	praveensidharth121@gmail.com
17	NEGHA VINCENT P	neghapvincent@gmail.com
18	ANGEL DAVIS	angeldavisc02@gmail.com
19	ABHINI C J	abhinijoseph46@gmail.com
20	RAM MOHAN R	ramwithjesus17273@gmail.com
21	MUHAMMED K	muhdkallery@gmail.com