



CENTURION
UNIVERSITY
*Shaping Lives...
Empowering Communities!*

School: Campus:

Academic Year: Subject Name: Subject Code:

Semester: Program: Branch: Specialization:

Date:

Applied and Action Learning

(Learning by Doing and Discovery)

Name of the Experiment : Crypto Timeline – Evolution of Digital Currencies

*Objectives/Aim :

To study the historical evolution of digital currencies and understand how cryptocurrency technology has advanced over time.

*Software Used

Internet Browser – For research and visualization of historical data

Presentation Tools (MS PowerPoint / Canva)

Text Editor (MS Word / Google Docs)

Blockchain Explorer

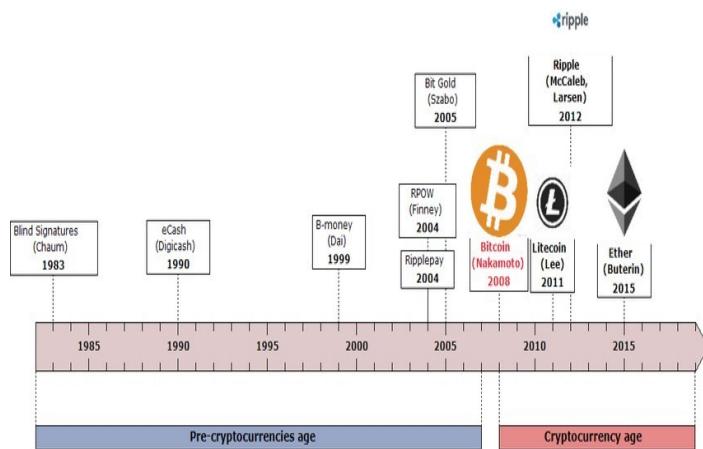
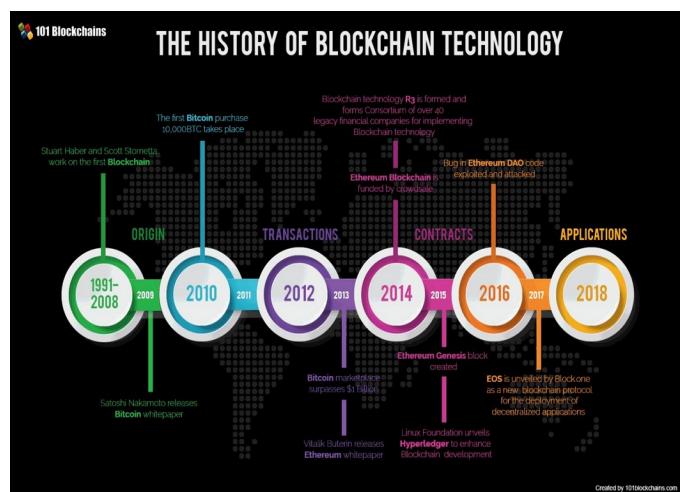
*Theory/Concept

- 1983 – eCash (David Chaum): Introduced the concept of anonymous electronic money and laid the foundation for digital payments.
- 1998 – b-Money & Bit Gold: Early proposals for decentralized digital currencies by Wei Dai and Nick Szabo, which inspired Bitcoin.
- 2008 – Bitcoin Whitepaper: Satoshi Nakamoto released “Bitcoin: A Peer-to-Peer Electronic Cash System”, introducing the concept of blockchain-based currency.
- 2009 – Bitcoin Launch: The first cryptocurrency officially went live with the mining of the Genesis Block.
- 2011 – Litecoin & Namecoin: Alternative cryptocurrencies (altcoins) were launched, offering faster transactions and domain decentralization.
- 2013–2015 – Ethereum Development: Ethereum introduced smart contracts, enabling the creation of decentralized applications (DApps).
- 2017 – ICO Boom: Initial Coin Offerings (ICOs) became popular as a new fundraising model using blockchain tokens.

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* As applicable according to the experiment.
Two sheets per experiment (10-20) to be used.

- 2020 – DeFi (Decentralized Finance): The rise of decentralized exchanges and lending protocols transformed traditional financial systems.
- 2021 – NFT Explosion: Non-Fungible Tokens gained worldwide attention, allowing digital ownership of art, music, and collectibles.
- 2023–2025 – Web3 & CBDCs: The evolution of blockchain into Web3 ecosystems and the exploration of Central Bank Digital Currencies (CBDCs) by governments worldwide



Observations:

- The development of cryptocurrency has evolved from simple digital cash to complex decentralized systems.
- Blockchain technology continues to revolutionize finance, art, and governance.
- Each phase in crypto history marked a leap in decentralization and innovation.

ASSESSMENT

Rubrics	Full Mark	Marks Obtained	Remarks
Concept	10		
Planning and Execution/ Practical Simulation/ Programming	10		
Result and Interpretation	10		
Record of Applied and Action Learning	10		
Viva	10		
Total	50		

Signature of the Student:

Name :

Signature of the Faculty:

Regn. No. :

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