

Certified Blockchain Expert

Module 1: Introduction to Blockchain and Cryptocurrencies

History of Financial System

- Barter Economy
- Gold Economy
- Paper Gold Economy
- Cash Economy Digital Economy:

Bitcoin Global Blockchain Ecosystem

Global Cryptocurrencies Ecosystem

Module 2: 1st Generation of Blockchain

Introduction

Why Bitcoin Blockchain was created?

What is Bitcoin Blockchain?

How does Bitcoin Blockchain work?

Keys

Wallets

Transactions

Bitcoin Network

Blockchain

Mining & Consensus

Module 3: 2nd Generation of Blockchain

Introduction

What is Ethereum?

Accounts

- a. Externally Owned Account
- b. Contract Account
- c. Account State

Gas and Payments

Transactions

Block Details

Transaction Execution

Smart Contract

Ethereum Virtual Machine & Gas

Mining

Soft Fork and Hard Fork

Decentralized Application(Dapps)

Decentralized Autonomous Organization(DAO)
Initial Coin Offering

Module 4: 3rd Generation of Blockchain

Challenges for 1st and 2nd Generation of Blockchain

IOTA

NEO

Cardano

EOS

Ziliqa

Quarkchain

Comparison between 1st, 2nd, and 3rd Generation of Blockchain

Module 5: Future Trends in Blockchain

Emergence of Token Economy

Demand and supply game

Future as a research point of view

Future as an Investment point of view

Market Trends

Blockchain Jobs

Impact on businesses and Organizations

203/RATNMANI BLDG, DADA PATIL WADI, OPP ICICI ATM, THANE WEST

Web: www.nettechindia.com Phone : 9870803004/ 9870803005