



PB INSTITUTE OF RESEARCH AND TECHNOLOGY

P.O Box 21457-00100

Nairobi - Kenya

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The Law of Blockchain: Smart Contracts, Digital Assets and Decentralization

Duration: 5 days

On-Site

01 Who Should Attend

- Blockchain and technology professionals
- Cybersecurity and information security specialists
- Digital transformation leaders
- Intellectual property professionals
- Data protection and privacy specialists
- Regulators and public-sector officials
- Entrepreneurs and technology business leaders
- Academics and legal researchers
- Professionals involved in digital assets and emerging technologies



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02 About the Course

The **Blockchain, Smart Contracts, and Decentralized Legal Systems Training Course** provides participants with a practical understanding of the legal, regulatory, technological, and governance implications of blockchain and decentralized technologies. The course examines how distributed ledger technology, smart contracts, decentralized applications, and blockchain-based systems are transforming traditional approaches to contracts, transactions, identity, dispute resolution, and regulatory oversight.

Participants will explore the legal status and enforceability of smart contracts, digital assets, electronic transactions, decentralized autonomous organizations, data protection, jurisdictional challenges, liability, consumer protection, and emerging regulatory frameworks. The course is designed to help legal and business professionals assess both the opportunities and risks associated with decentralized legal and commercial systems.



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03 Workshop Objectives

- Understand the fundamental concepts of blockchain technology, smart contracts, and decentralized systems.
- Learn about the core principles of distributed ledger technology (DLT) and its legal relevance.
- Master methodologies for identifying legal opportunities and challenges presented by blockchain.
- Develop proficiency in understanding the structure and enforceability of smart contracts.
- Explore best practices for legal compliance in tokenization, NFTs, and decentralized finance (DeFi).
- Understand the critical aspects of dispute resolution in smart contract environments.
- Learn about robust strategies for regulating and governing Decentralized Autonomous Organizations (DAOs).
- Identify the critical role of data privacy, cybersecurity, and consumer protection in blockchain applications.
- Develop skills in assessing the legal implications of Web3 technologies for various industries.

04 Module Topics

Module 1: Foundations of Blockchain Technology

- ??? Defining blockchain, distributed ledger technology (DLT), and cryptographic principles
- ??? Understanding different blockchain types: public, private, consortium
- ??? The mechanics of consensus mechanisms (e.g., Proof of Work, Proof of Stake)
- ??? Key concepts: decentralization, immutability, transparency, security
- ??? Overview of major blockchain platforms (e.g., Ethereum, Bitcoin, Hyperledger)

Module 2: Introduction to Smart Contracts



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- ??? Defining smart contracts: self-executing agreements on the blockchain
- ??? How smart contracts work: code, oracle integration, and execution
- ??? Practical applications of smart contracts across industries (e.g., supply chain, real estate)
- ??? Limitations of smart contracts: "code is law" vs. legal enforceability
- ??? Simple smart contract logic and use cases

Module 3: Legal Status & Enforceability of Smart Contracts

- ??? Are smart contracts "contracts" under traditional law? Legal interpretations
- ??? Jurisdictional approaches to smart contract enforceability
- ??? Challenges in legal interpretation of code and human intent
- ??? Remedies for breach of smart contracts and dispute resolution mechanisms
- ??? The role of legal professionals in drafting and validating smart contracts

Module 4: Tokenization, NFTs, & Digital Assets Law

- ??? Understanding cryptocurrencies, utility tokens, security tokens, and NFTs
- ??? Legal classification of digital assets and their regulatory implications
- ??? Securities law compliance for token offerings (ICOs, STOs)
- ??? Intellectual property rights in NFTs and digital collectibles
- ??? Tax implications of digital asset transactions

Module 5: Decentralized Autonomous Organizations (DAOs) & Governance

- ??? Defining DAOs: structure, purpose, and operational mechanisms
- ??? Legal status of DAOs: partnerships, corporations, or sui generis entities?
- ??? Governance models in DAOs: voting, proposals, and treasury management
- ??? Regulatory challenges for DAOs: liability, accountability, and legal personhood
- ??? Case studies of DAO governance and legal issues