**Module 1: INTRODUCTION**

* Money and currency
* Digital currencies explained
* Types of Cryptocurrency

**Module 2: BITCOIN**

* What are bitcoins
* How to use Bitcoins and processes
* Bitcoin pricing and volatility

**Module 3: THE BLOCKCHAIN**

* 101 of Blockchain
* Blockchain components: Digital Assets, Network, Nodes, Ledger, Smart Contract, Consensus, Mining
* Models & Characteristics: Permissioned & Non- Permissioned
* Types of Blockchain: Public vs Private

**Module 4: SECURITY & REGULATIONS**

* Security issues and the pseudo-anonymity
* Security measures
* Regulations globally

**Module 5: BLOCKCHAIN INNOVATION**

* The value of Blockchain
* Major Applications & Innovations
* Major Platforms: Ethereum, Hyperledger
* Blockchain landscape & ecosystem

**BlockChain Advanced Training**

**OBJECTIVE:**  
Provide advanced knowledge on Blockchain, application across domains and design thinking.

**Module 1: THE ECOSYSTEM**

* Blockchain landscape & ecosystem
* Digital currencies and financial institutions
* Alternatives to Bitcoin

**Module 2: BLOCKCHAIN ADVANCED**

* Different blockchain platforms
* Colored Coins, Sidechains, Digital Assets
* Decentralized Services, DAOs
* Requirements for Blockchain application
* Smart contracts
* Implementation considerations

**Module 3: THE FUTURE**

* Digital currencies and innovation
* Strategies adopted by FIs
* Consortiums

**Module 4: INDUSTRY APPLICATIONS**(Use cases & Case studies)

* Banking & Payments
* Supply Chain
* Government services
* Case Studies