

- Blockchain use cases
- Digital Currency vs Crypto Currency
- Bitcoin & its Representation
- Smart Contract
- Externally Owned Acc vs Contract Acc
- Design philosophy of Ethereum
- Bitcoin v/s Ethereum
- DApp Interaction with Blockchain
- DApp Interaction with Bitcoin
- Interacting programmatically Creating Smart Contract
- GETH
- Merkle Tree
- Real life Use Cases of Blockchain
- SPV
- POW
- Discuss use of Metamask in Ethereum
- Ethereum State transition function, API
- Smart Contract Creating in Remix IDE
- DAPP
- Public & Private Bitcoin
- Private Ethereum Network.
- Diffie Helman
- SHA

- Decentralized Consensus
- Application of Smart Contract Logic
- Node.js Application (Initialize Bitcoinjs-lib)
- Ethereum Account Setup
- Genesis Configuration .json file
- Public vs Self Hosted Nodes
- A Note on Deploying Smart Contract.