

Schedule

	4:30-6:00 PM	6:10-7:40 PM	7:40 – 8:00 PM
17/10/2020 Saturday	Introduction to Blockchain Technology, Bitcoin blockchain. Ethereum	More on Ethereum, Basic consensus mechanism, Proof of work, Decentralized Applications (DAPP) and Decentralized Autonomous Organization	Discussion Session /Problem Solving
18/10/2020 Sunday	11:00 AM -00:30 PM Smart Contracts, writing a smart contract in Solidity language, Remix IDE	3:00-4:30 PM Practicing with Smart contract and deployment on an Ethereum network	4:30 – 5:00 PM Discussion Session /Problem Solving
19/10/2020 Monday	More on Dapp Design, development and deployment	Truffle, Ganache and Metamask, IPFS [Smart contract deployment on your private blockchain network]	Discussion Session /Problem Solving
20/10/2020 Tuesday	Integrating Blockchain with Microsoft Azure cloud	Create & deploy your own Smart Contract, assign roles and perform transactions, using Azure Blockchain Service	Discussion Session /Problem Solving
21/10/2020 Wednesday	Use cases in public, finance, healthcare and governance	Hyperledger fabric, chain code design and implementation using NodeJS and JavaScript (Part 1)	Discussion Session /Problem Solving
22/10/2020 Thursday	Permission less and Permissioned blockchains. hyperledger fabric,	Hyperledger Fabric, chaincode design and implementation using NodeJS and JavaScript (Part 2)	Discussion Session /Problem Solving
Test Schedule	Test 1: 19/10/2020; Test 2: 22/10/2020		