Schedule:

|  |  |  |  |
| --- | --- | --- | --- |
| Days\Session | Morning session (3hrs) Smart Contracts |  | Afternoon session (4hrs) Solidity |
| Day – 1 Smart Contracts & Solidity | What is a Smart Contract? | B R E A K | Introduction to Solidity |
| Structure of Smart Contract |
| How Smart Contracts work | Data types |
| State variables & Functions |
| Advantages of Smart Contracts | Modifiers |
| Structures |
| Applications of Smart Contracts | Enums |
| Mappings |
| Day – 2  Deploying Contract & Interacting with it using web3.js | Install MetaMask | B R E A K | Downloading & Setting up web3.js |
| Connecting to Ropsten testnet | Interacting with Contract using web3.js |
| Deploy Contract to the Ethereum testnet | Integrating web3.js in the web app |