



SNS COLLEGE OF ENGINEERING

Kurumbapalayam (Po), Coimbatore – 641 107

An Autonomous Institution

Accredited by NBA – AICTE and Accredited by NAAC – UGC with 'A' Grade
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai



DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY

COURSE NAME: 190E201-Blockchain Technology

IV YEAR /VII SEMESTER

Unit 4- HYPERLEDGER

Topic- APPLICATION PROGRAMMING INTERFACE



Hyperledger Fabric APIs

Fabric Gateway API

- The preferred API for developing applications for Fabric v2.4 and later. It uses the Gateway peer capability to interact with the Fabric network.
- The Fabric Gateway SDK allows applications to interact with a Fabric blockchain network.



Hyperledger Fabric APIs

Smart contract APIs

- These APIs support developing smart contracts (chaincode) in various programming languages, including Go, Node.js, and Java.



Hyperledger Fabric APIs

Hyperledger Explorer REST API

- This API provides endpoints to retrieve information and metrics about the Hyperledger Fabric blockchain.
- It is designed to be used in the Node.js JavaScript runtime.
- REST API allows client applications to interact with a Hyperledger blockchain network.
- This allows the client application to perform operations on the blockchain, such as querying the state of the ledger, submitting transactions, or querying the history of a specific asset on the ledger.