Modern Education Society's Wadia College of Engineering Pune-01

Department of Computer Engineering

Name of Student:	Class:
Semester/Year:	Roll No:
Date of Performance:	Date of Submission:
Examined By:	Assignment No: 2

Laboratory Practice – III (Blockchain Technology)
ASSIGNMENT NO: 02

AIM: Create your own wallet using MetaMask for crypto transactions.

OBJECTIVES: To help students understand the platform used for Ethereum as MetaMask. Creation and analysis of crypto transactions through wallet.

THEORY:

MetaMask is a software crypto currency wallet used to interact with the Ethereum blockchain. It allows users to access their Ethereum wallet through a browser extension or mobile app, which can then be used to interact with decentralized applications. MetaMask is a browser plugin that serves as an Ethereum wallet, and is installed like any other browser plugin. Once it's installed, it allows users to store Ether for doing various transactions enabling them to transact with any Ethereum address.

MetaMask is a popular crypto currency wallet known for its ease of use, availability on both desktops and mobile devices, the ability to buy, send, and receive crypto currency from within the wallet, and collect non-fungible tokens (NFTs) across two blockchains.

CONCLUSION:

MetaMask wallet is successfully created. Students were able to send and receive ether in wallet so that they can observe process for ether transactions.

QUESTIONS:

1. Explain steps for creating wallet in MetaMask.

2. List and explain types of wallets available in market.

3. Explain meaning of security phrase used while creating wallet.

4. What unique identification is given to wallet explain in detail.

5. Explain advantages of wallet creation in blockchain.

6. What is crypto currency? Explain with example.