BHARATIYA VIDYA BHAVAN
SARDAR PATEL INSTITUTE OF TECHNOLOGY
(Autonomous Institute Affiliated to University of Mumbai)
MUNSHI NAGAR, ANDHERI (WEST), MUMBAI – 400 058.
Department of Computer Engineering

Major Projects

ACADEMIC YEAR: 2024-2025 and 2025-2026

Date: 03-12-2024

Type: Category-1 (Non-Internship)

Project Title: FundChain: Blockchain-Driven Fundraising

Abstract:

This project focuses on developing a decentralized Web3 crowdfunding platform utilizing Ethereum blockchain technology and smart contracts. Built with Solidity, it empowers users to create and manage campaigns transparently, ensuring trust and security. The platform will leverage ReactJS for its dynamic user interface and Tailwind CSS for responsive design. Key technologies which will be included are MetaMask for wallet integration, Hardhat for smart contract deployment. By leveraging Ethereum's decentralized infrastructure, the platform enables secure transactions and immutable records, will result in a reliable and intuitive crowdfunding solution.
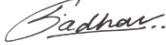
References:

1. https://www.researchgate.net/publication/334142321_Blockchain_based_crowdfunding_systems
2. T. Dannberg, "Advantages and Disadvantages with Crowdfunding : - and Who are the Users?", Dissertation, 2017
3. Macht et al, " The Benefits of Online Crowdfunding for Fund-Seeking Business Ventures", Strategic Change, 2014, 23 (1-2). pp. 1-14. ISSN 10861718.

Whether Interdisciplinary (Yes/No):

If Yes, Name and sign of the Expert Guide from another Department: _____

Name & Signature: **Name of member 1:**

                                Name of member 2:

                                Name of member 3:

Name and Signature of Co-Guide (if any): _____

Name and Signature of Guide: _____