



V.E.S. Institute of Technology, Collector Colony,
Chembur, Mumbai, Maharashtra 400047
Department of M.C.A

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Sr. No.	Contents	Date of Preparation	Date of Submission	Marks	Faculty Sign
1	Implement Caesar Cipher (Symmetric Encryption) and show the encryption as well as decryption process.	06-08-2024	13-08-2024		
2	Implementation of Asymmetric key algorithm (RSA).	06-08-2024	13-08-2024		
3	Implementation of SHA 256.	13-08-2024	21-08-2024		
4	Implementation of binary tree and merkle tree.	13-08-2024	21-08-2024		
5	Implementation of block (Genesis Block) and private chain using geth.	20-08-2024	04-09-2024		
6	Install Ganache(Personal block chain) and metamask (Show the installation Steps) . Compile and deploy a election smart contract in the personal blockchain using injected web3 environment (Metamask wallet). Use Remix online ide to compile and deploy the smart contact.	03-09-2024	01-10-2024		

7	<ol style="list-style-type: none">1. Write a program in solidity to create a structure student with Roll no, Name, Class, Department, Course enrolled as variables.2. Create a structure Consumer with Name, Address, Consumer ID, Units and Amount as members. Write a program in solidity to calculate the total electricity bill according to the given condition	08-10-2024	08-10-2024		
8	Execution of smart contract using truffle framework.	15-08-2024	16-09-2024		
9	Creation of Dapp in Ethereum Build DAPP's for <ol style="list-style-type: none">1. voting process.	22-10-2024	25-09-2024		
10	VacChain : Mini Project	23-10-2024	28-10-2024		

Final Grade	Instructor Signature