

Fr. Conceicao Rodrigues College of Engineering

Father Agnel Ashram, Bandstand, Bandra –west, Mumbai-50

Department of Computer Engineering

BCT Practical Plan

Class: BE Computer (A)		Weekly Schedule:							
Course name/code: CSDL7022		Batch A: Thursday 8.45-9.45am							
Academic Year: 2023-24		Batch B: Wednesday 8.45-9.45am							
Name of the teacher		Batch C: Tuesday 8.45-9.45am							
Dr. Ashok M. Kanthe		Batch D: Friday 8.45-9.45am							
Course	Outcomes:								
	CSDL7022.1 Create cryptographic	hash using Merk	le tree.						
	CSDL7022.2 Design smart contract	using solidity for	or a given app	lication.					
	CSDL7022.3 Implement Ethereum	blockchain using	any of the Et	hereum platfor	ms.				
	CSDL7022.4 Explore Hyperledger	Fabric and its wo	orking.						
	CSDL7022.5 Demonstrate the conc	epts of blockchai	in in real wor	d applications.					
Sr. No.	Title of experiment	Course Outcomes	Batch	Planned date	Actual date	Remark/HoD's Signature			
	To implement Merkle Hash Tree	CSDL7022.1	А	27-07-23					
			В	26-07-23					
			С	25-07-23					
			D	28-07-23					
2	Creating and deploying Smart Contract using Solidity and Remix IDE.	CSDL7022.2	А	03-08-23					
			В	02-08-23					
			С	01-08-23		·			
			D	04-08-23					



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Creating Transactions using Solidity and Remix IDE	CSDL7022.2.	А	10-08-23	
		В	09-08-23	
		С	08-08-23	
		D	11-08-23	
Creating a Matamagk wellet and		А	17-08-23	
-		В	23-08-23	
add Ethers and Tokens.	CSDL7022.2.	С	22-08-23	
		D	18-08-23	
Creating a smart contract using Metamask and performing the transactions.	CSDL7022.2	А	24-08-23	
		В	06-09-23	
		С	05-09-23	
		D	25-08-23	
Study of Blockchain platform ethereum using Geth.	CSDL7022.3	А	07-09-23	
		В	13-09-23	
		С	12-09-23	
		D	01-09-23	
		А	14-09-23	
Creating Smart Contract in		В	27-09-23	
Ganache using Remix IDE	D 08-09-23	С	26-09-23	
		А	14-09-23	
Case Study on Hyperledger		В	27-09-23	
Case Study on Hypericager	CSDL7022.5	С	26-09-23	
		D	08-09-23	
	Solidity and Remix IDE Creating a Metamask wallet and performing the transactions to add Ethers and Tokens. Creating a smart contract using Metamask and performing the transactions. Study of Blockchain platform ethereum using Geth. Creating Smart Contract in	Solidity and Remix IDECSDL7022.2.Creating a Metamask wallet and performing the transactions to add Ethers and Tokens.CSDL7022.2.Creating a smart contract using Metamask and performing the transactions.CSDL7022.2Study of Blockchain platform ethereum using Geth.CSDL7022.3Creating Smart Contract in Ganache using Remix IDECSDL7022.4	Creating Transactions using Solidity and Remix IDECSDL7022.2.BCreating a Metamask wallet and performing the transactions to add Ethers and Tokens.ABCreating a Smart contract using Metamask and performing the transactions.ABCreating Smart Contract in Ganache using Remix IDECDCreating Smart Contract in Ganache using Remix IDEABCreating Smart Contract in Ganache using Remix IDEABCase Study on HyperledgerABCase Study on HyperledgerABCase Study on HyperledgerCBCase Study on HyperledgerA	B 09-08-23 Solidity and Remix IDE C 08-08-23 Creating a Metamask wallet and performing the transactions to add Ethers and Tokens. A 17-08-23 Creating a smart contract using Metamask and performing the performing the transactions. A 23-08-23 Creating a smart contract using Metamask and performing the transactions. A 24-08-23 Creating a smart contract using Metamask and performing the transactions. A 24-08-23 Creating a smart contract using Metamask and performing the transactions. B 06-09-23 Creating a smart contract using Metamask and performing the transactions. B 06-09-23 Study of Blockchain platform ethereum using Geth. CSDL7022.2 A 07-09-23 Study of Blockchain platform ethereum using Remix IDE CSDL7022.3 A 14-09-23 Creating Smart Contract in Ganache using Remix IDE CSDL7022.4 B 27-09-23 Creating Smart Contract in Ganache using Remix IDE A 14-09-23 A Case Study on Hyperledger CSDL7022.5 A 14-09-23 A Case Study on Hyperledger CSDL7022.5 C 26-09-23



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			А	05-10-23	
		CSDL7022.2	В	04-10-23	
9	Mini project	CSDL7022.3	С	03-10-23	
	CSDL7	CSDL7022.5	D	15-09-23,	
				06/10/23	

Course Instructor: Dr. Ashok M. Kanthe