

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 Merkle tree.							
CSDL7022.2 Design smart contract using solidity for a given application.							
CSDL7022.3 Implement Ethereum blockchain using any of the Ethereum platforms.							
CSDL7022.4 Explore Hyperledger Fabric and its working.							
CSDL7022.5 Demonstrate the concepts of blockchain in real world applications.							
Sr	Course - Planned Actual						

Sr. No.	Title of experiment	Course Outcomes	Batch	Planned date	Actual date	Remark/HoD's Signature
	4 T 1 1 1 1 T	GGD1 7022 1	A	27-07-23		
			В	26-07-23		
1 To implement Merkle Hash Tree	CSDL7022.1	С	25-07-23			
			D	28-07-23		
	Creating and deploying Smart Contract using Solidity and		A	03-08-23		
2		O- m4 m41	В	02-08-23		
2	Remix IDE.	CSDL7022.2	С	01-08-23		·
			D	04-08-23		



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Creating Transactions using Solidity and Remix IDE	CSDL7022.2.				
		В	09-08-23		
		С	08-08-23		·
		D	11-08-23		
Constitute Metallication II and		A	17-08-23		
_		В	23-08-23		
		С	22-08-23		·
add Editors and Tokons.		D	18-08-23		
Creating a smart contract value		A	24-08-23		
		В	06-09-23		
1	CSDL7022.2	С	05-09-23		
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		D	25-08-23		
Study of Blockchain platform	CSDL7022.3	A	07-09-23		
		В	13-09-23		
ethereum using Geth.		С	12-09-23		
_		D	01-09-23		
		A	14-09-23		
Creating Smart Contract in		В	27-09-23		
Ganache using Remix IDE	CSDL7022.4	С	26-09-23		
		D	08-09-23		
Case Study on Hyperledger	CSDL7022.5	A	14-09-23		
		В	27-09-23		
		С	26-09-23		
		D	08-09-23		
	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 Ganache using 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. Creating a Smart contract using Metamask and performing the transactions. CSDL7022.2. CSDL7022.2. CSDL7022.2. CSDL7022.2. CSDL7022.2.	Creating a Metamask wallet and performing the transactions to add Ethers and Tokens. Creating a smart contract using Metamask and performing the transactions. Creating a smart contract using Metamask and performing the transactions. CSDL7022.2 C D A CSDL7022.2 C D A Study of Blockchain platform ethereum using Geth. CSDL7022.3 C D A CSDL7022.4 CSDL7022.4 CSDL7022.5 C D A CSDL7022.5 C D CSDL7022.5	Creating Transactions using Solidity and Remix IDE CSDL7022.2. B 09-08-23 C 08-08-23 D 11-08-23 D 11-08-23 D 11-08-23 Creating a Metamask wallet and performing the transactions to add Ethers and Tokens. CSDL7022.2. A 17-08-23 Creating a smart contract using Metamask and performing the transactions. CSDL7022.2. A 24-08-23 B 06-09-23 D 25-08-23 D 25-08-23 C 05-09-23 D 25-08-23 C 12-09-23 D 01-09-23 C 12-09-23 D 01-09-23 C 12-09-23 D 01-09-23 C 26-09-23 D 08-09-23 C 26-09-23 D 08-09-23	Creating Transactions using Solidity and Remix IDE



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		-	A	05-10-23	8	
		CSDL7022.2	В	04-10-23		
9	Mini project	CSDL7022.3	С	03-10-23		
		CSDL7022.5	D	15-09-23,		
				06/10/23		

Course Instructor: Dr. Ashok M. Kanthe