

**M.Sc (I.T.)SEMESTER_IV
SUBJECT: PRACTICALS
BLOCK CHAIN (PSIT4P1)**

Sr.No	COURSE OBJECTIVES	LEARNING OUTCOMES
1.	Python RSA algorithm	Implement A simple client class that generates the private and public keys by using the builtin Python RSA algorithm and test it.
2.	Developing and testing Mist browser using application.	Understanding the behaviour of Go Ethereum with Development and test a sample application.
3.	Implement and demonstrate functions using various functions and variable.	Developing the concepts of solidity, with the usage of variable and functions.
4.	hyperledger fabric and composer usage	Install, Deploy and execute the application

**SUBJECT: PRACTICALS
CYBER FORENSICS (PSIT4P2d)**

Sr.No	COURSE OBJECTIVES	LEARNING OUTCOMES
1.	File system analysis	Understanding various software and forensic stools
2.	Forensic Writing report	Importance and format development of forensic reports.
3.	Use of tools like wireshark, networkminor.	Monitoring network.
4.	Using Data Acquisition Tools	Developing the concepts of password cracking, path discovery and sniffing

SUBJECT: PRACTICALS
Deep Learning (PSIT4P3a)

Sr.No	COURSE OBJECTIVES	LEARNING OUTCOMES
1.	Understanding Deep network	Solving XOR problem using deep feed forward network
2.	Classification and segregation of various deep feed networks layers and its functionality.	Implementing deep neural network for performing binary classification task.
3.	Concept implementation of overfitting and underfitting on binary data.	regularization to avoid overfitting in binary classification
4.	Concepts and usage of autoencoder.	Understanding the Denoising of images

SUBJECT: PRACTICALS
PROJECT IMPLEMENTATION AND VIVA (PSIT4P4)

Sr.No	COURSE OBJECTIVES	LEARNING OUTCOMES
1.	To Identify suitable project relevant to the branch of study.	Identify the key activities in managing a software project and recognize different process model
2.	Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	Outline the systematic procedures for software design and deployment.
3.	Implementing suitable testing phases.	Compare various testing and maintenance methods