



RCETCSAC06 - Virtual Currency and Block chain

Course outcomes:

- Define Virtual Currency and its implementation.
- Examine the differences between Digital, Virtual and Crypto Currencies.
- Categorize various types of Virtual Currency and the challenges faced by them.
- Appreciate the Evolution of Block chain Technology.
- Explain the Block chain Architecture, its core components and key characteristics.

Syllabus:

UNIT 1

Virtual Currency

Definition of Virtual Currency- Differences between Digital, Virtual and Crypto Currencies
Methods used in Virtual Currency- Types of Virtual Currency- Challenges and issues in Virtual Currency

UNIT II

Block chain Technology

History of Block chain- Block chain Architecture- Key Characteristics of Block chain-
Applications of Block chain- Types of Block chain- Security issues in Block chain- Block chain Network
Security Threats-

Reference Text Books:

1. A fascinating history of ciphers and cryptography - Chapter 9 “Prime Time”. by Ella Schwartz illustrated by Lily Williams