

SEMESTER I

1. FinTech Foundations and Overview

- a. What is FINTECH, its importance and evolution
- b. Blockchain and Crypto currency
- c. Raising Capital: Credit Tech and Crowd funding
- d. Artificial Intelligence
- e. Digitization of Financial Services

2. Financial Accounting and Business Economics

- a. Financial Accounting
- b. Accounting and Financial systems in BFSI sector
- c. Financial Statements and Ratios Analysis
- d. Accounts of Banking and Insurance
- e. Business economics- Demand, Supply and Price fundamentals
- f. Marketing and consumer psychology
- g. Software Package for Financial Accounting
- h. Taxation of services

3. Banking, Insurance and Financial Systems

- a. Introduction to Core Banking Solutions (CBS)
- b. Role and Functions of RBI, IRDA, SEBI etc.
- c. Insurance sector in India
- d. Negotiable Instruments
- e. FEMA
- f. Payment Solutions
- g. Information Security
- h. FinTech infrastructure

4. Business Statistics and Data Mining

- a. Data Collection and Representation
- b. Statistical Methods
- c. Big Data

SEMESTER II

1. FinTech Disruptive Innovation: Implications for Society

- a. Evolution vs Revolution
- b. Diversity of Impact
- c. Predicting the Future of FinTech
- d. Government initiatives in FinTech
- e. Implications for Careers

2. Understanding the Fintech Models & Products

- a. Competing on technological innovation
- b. Organizing for digital innovation
- c. Fintech Models
- d. Fintech Products
- e. Cloud Computing
- f. FinTech Platforms

3. FinTech Risk Management

- a. Compliance with financial requirements
- b. FinTech Compliance with corporate governance: Objectives, guidelines, & policy
- c. Data Risks- Fraud, Crimes, & Security
- d. Risk of adopting new technology
- e. Financial risks

4. FinTech Security and Regulation

- a. Introduction to FinTech Security & Regulation
- b. Risk Management & Government Control
- c. AML & KYC in FinTech
- d. Government Regulation to Protect Consumers
- e. Global Trends and Government Initiatives
- f. Introduction to IT Act (related sections)

5. Project