Introduction to Financial Technology (Fin-Tech)

Unit 1: Foundations of FINTECH

Introduction to FINTECH, Definition and Scope of FINTECH, Historical Evolution and Impact on Financial Services Industry, Key Drivers and Trends in the FINTECH Landscape. Regulatory Environment; Overview of Regulatory Frameworks Governing FINTECH, Compliance and Legal Considerations for FINTECH Start-ups, Understanding Regulatory Challenges and Opportunities. Emerging Technologies in FINTECH; Block-chain Technology and Cryptocurrencies, Artificial Intelligence and Machine Learning in Financial Services, Robotic Process Automation (RPA) and its applications.

Unit 2: Digital Payments and Transactions

Digital Payment Ecosystem, Evolution of Payment Systems: From Cash to Digital Payments, Payment Gateways, Wallets, and Payment Apps, Trends in Contactless Payments and Mobile Wallets, Peer-to-Peer (P2P) Lending and Crowdfunding, Overview of P2P Lending Platforms, Understanding Crowdfunding Models: Rewards, Equity, and Debt-Based Crowdfunding, Risks and Benefits of P2P Lending and Crowdfunding, Cryptocurrencies and Decentralized Finance (DeFi). Introduction to Cryptocurrencies: Bitcoin, Ethereum, and Altcoins, Decentralized Finance (DeFi) Ecosystem, Opportunities and Challenges in Cryptocurrency Trading and Investing.

Unit 3: Financial Inclusion and Access

Microfinance and Mobile Banking, Role of Microfinance Institutions (MFIs) in Financial Inclusion, Mobile Banking Solutions for the Unbanked and Underbanked, Case Studies of Successful Financial Inclusion Initiatives, Insurtech and Digital Insurance, Overview of Insurtech: Innovations in the Insurance Industry, Digital Insurance Platforms and Peer-to-Peer Insurance Models, Improving Access to Insurance Through Technology, Wealthtech and Robo-Advisors, Introduction to Wealthtech: Digitizing Wealth Management Services, Robo-Advisors: Automated Investment Platforms, Benefits and Limitations of Robo-Advisory Services

Unit 4: Future Trends and Career Opportunities

Emerging Trends in FINTECH; Future of Banking: Open Banking and API Integration, Rise of Embedded Finance and Financial Superapps, Impact of Quantum Computing and Internet of Things (IoT) on FINTECH. Career Opportunities in FINTECH; Roles and Responsibilities in the FINTECH Industry, Skills and Qualifications Required for Careers in FINTECH, Networking and Professional Development Opportunities