COURSE NAME:	Fintech
TOTAL DURATION:	45 Hrs
MODE OF DELIVERY	PHYSICAL CLASSROOM TRAINING AT RESPECTIVE COLLEGES
TRAINER TO STUDENT RATIO:	1:50
TOTAL MARKS:	75

Table 1	
OVERALL COURSE OBJECTIVE:	1. Evaluate the impact of Fintech innovations in transforming financial services, including mobile payments, lending platforms, and insurance technologies. 2. Critique the regulatory frameworks for Fintech companies, defending the importance of compliance in ensuring operational integrity and customer trust. 3. Design secure and scalable digital financial systems using blockchain, AI, and machine learning to address contemporary financial challenges. 4. Develop strategies to mitigate risks in Fintech operations, integrating cybersecurity and data protection measures to enhance resilience. 5. Construct innovative business models for emerging Fintech sectors such as decentralized finance (DeFi) and Insurtech, addressing market needs and technological advancements.

| **LEARNING OUTCOME:** | 1. Evaluate the transformative impact of Fintech innovations, such as blockchain, AI, and digital payment systems, on traditional financial services and customer experiences.

2. Critique the effectiveness of regulatory frameworks and compliance measures in addressing cybersecurity risks, fraud prevention, and operational integrity within Fintech organizations.

3. Design scalable and secure financial solutions, integrating emerging technologies like machine learning and decentralized finance (DeFi) to address |

		contemporary market challenges.
		4. Develop data-driven strategies for risk management, ensuring adherence to regulatory standards and enhancing decision-making in Fintech operations.
		5. Construct innovative business models for emerging Fintech sectors, such as Insurtech and peer-to-peer lending, while addressing market needs and leveraging cutting-edge technologies.

TABLE 2: MODULE WISE COURSE CONTENT AND OUTCOME				
SL.NO	MODULE NAME	MODULE CONTENT	MODULE LEARNING OUTCOME	DURATION (HRS)
1	Introduction to Fintech	- Role of Fintech in transforming finance - Key trends in financial innovation	Evaluate the transformation of financial services through Fintech trends and innovations.	9
2	Digital Payments and Lending	- Mobile payments and digital wallets - Peer-to-peer lending platforms - Blockchain in payments	Critique Fintech products in payments and lending, identifying risks and benefits for customer adoption.	9
3	Regulatory and Risk Management	- KYC/AML compliance - Legal frameworks for Fintech - Cybersecurity risks and mitigation	Develop strategies to ensure compliance with regulations and mitigate operational risks in Fintech.	9
4	Blockchain and AI	- Blockchain technology and	Design innovative systems using	9

		cryptocurrencies - AI-driven predictive analytics and credit scoring	blockchain and AI to address challenges in financial decision-making.	
5	Insurtech and Emerging Trends	- AI and big data in insurance - Decentralized finance (DeFi) - Future trends in Fintech sectors	Construct business models for Insurtech and DeFi, leveraging emerging trends and technologies.	9

TABLE 3: OVERALL COURSE LEARNING OUTCOME ASSESSMENT CRITERIA AND USE CASES			
LEARNING OUTCOME	**ASSESSMENT CRITERIA**	**Performance Criteria**	**USE CASES**
Evaluate the transformation of financial services.	Identify Fintech trends and their role in modern finance.	Demonstrates understanding of key Fintech innovations and their impact on customer experience and operational models.	Analyze how a traditional bank can adopt Fintech solutions to compete with digital-only banks.
Critique digital payment systems and lending platforms.	Compare mobile wallets, peer-to-peer lending platforms, and blockchain-based payment systems.	Provides in-depth comparisons with evaluations of customer adoption and market risks.	Assess the competitive landscape of digital wallets to propose strategies for market entry.
Develop strategies for regulatory compliance and risk management.	Identify regulatory challenges and propose mitigation strategies for cybersecurity and	Demonstrates robust strategies for addressing regulatory requirements and operational risks.	Draft a compliance checklist for a Fintech startup entering a multi-region market.

	compliance risks.		
Design systems using blockchain and AI.	Create frameworks for blockchain-based transactions and AI-driven analytics for financial services.	Produces scalable and secure systems with detailed integration plans.	Develop a blockchain-based lending system to ensure transparency and creditworthiness.
Construct business models for emerging Fintech sectors.	Develop innovative approaches for Insurtech and decentralized financial services.	Demonstrates creativity in proposing market-ready solutions with comprehensive risk-benefit analyses.	Design an Insurtech model leveraging AI for automated claims processing and fraud detection.

TABLE 4: LIST OF FINAL PROJECTS (PROJECTS THAT COMPREHENSIVELY COVER ALL THE LEARNING OUTCOME)	
SL.NO	FINAL PROJECT
1	Development of a Business Model for a Fintech Payment Solution
2	Comparative Analysis of Digital Payment Methods
3	Case Study on Peer-to-Peer Lending Platforms
4	Blockchain and Cryptocurrency in Fintech: Use Cases and Challenges
5	Risk Management Plan for a Fintech Lending Platform
6	The Future of Insurtech: Innovations in the Insurance Industry
7	Developing an AI-Powered Chatbot for Fintech Services
8	Regulatory Compliance for a Fintech Startup: A Practical Guide
9	Designing a Cybersecurity Framework for a Fintech Company
10	How Fintech is Transforming the Insurance Sector: An In-Depth Analysis
11	Exploring the Role of Machine Learning in Credit Scoring

12	Developing a Mobile Wallet App for a Developing Market
13	Evaluating the Impact of Blockchain in Financial Transactions
14	Exploring the Future of Cryptocurrency Regulations
15	Building a Secure Digital Lending Platform
16	The Role of Big Data in Fintech: Analysis and Applications
17	Evaluating the Global Expansion of Peer-to-Peer Lending Models
18	Designing a Fintech Startup for Cross-Border Payments
19	Comparative Study of Fintech Regulations Across Regions
20	Using AI to Automate Financial Planning Services for Clients

TABLE 5: COURSE ASSESSMENT RUBRICS (TOTAL MARKS: 75)					
ASSESSMENT CRITERIA	Learning Outcome	Fair (1–5)	Good (6–10)	Excellent (11–15)	TOTAL MARKS
Fintech Innovations	Evaluate the transformation of financial services.	Limited understanding of Fintech innovations; lacks real-world application examples.	Provides moderate insights into Fintech trends with clear examples.	Demonstrates comprehensive knowledge of Fintech transformations with detailed case studies and real-world examples.	15
Digital Payments and Lending Platforms	Critique digital payment systems and lending platforms.	Basic comparisons of payment and lending platforms;	Provides detailed comparisons and moderate evaluations of	Delivers in-depth analysis with robust metrics, evaluating risks and	15

		lacks depth and supporting metrics.	customer adoption and market challenges.	benefits of Fintech payment and lending solutions.	
Regulatory Compliance and Risk Management	Develop strategies for regulatory compliance and risk management.	Limited identification of compliance issues and basic mitigation strategies.	Demonstrates adequate understanding of regulations with moderately effective risk management plans.	Provides robust compliance frameworks and innovative risk mitigation strategies, addressing complex operational scenarios.	15
Blockchain and AI Integration	Design systems using blockchain and AI.	Basic application of blockchain and AI concepts with limited scalability.	Demonstrates functional designs integrating blockchain and AI with moderate scalability.	Develops innovative, secure, and scalable systems for Fintech challenges using advanced blockchain and AI techniques.	15
Business Models for Emerging Fintech Sectors	Construct business models for emerging Fintech sectors.	Limited understanding of emerging sectors; basic ideas lacking depth.	Proposes feasible business models with moderate detail and market alignment.	Designs creative, comprehensive, and market-ready business models with risk-benefit analyses and future trend	15

				integration.	