
SYLLABUS FOR BOARD OF STUDIES ADOPTION — generated from the live catalogue record

FinTech, Digital Payments and Blockchain in Finance

X-C5 · 3 days (configurable 1–5 days) · Commerce · Business & Finance · Years: 2nd, 3rd, PG

CONTENTS

1. Overview	2
2. Hours and credit position	2
3. Course outcomes	2
4. Course content — modules	2
5. Assessment scheme (100 marks)	2
6. CO–PO mapping	2
7. Every participant receives	3
8. Fee	3
9. Designed by	3

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OVERVIEW

Students map India's digital-payment rails and build a simple blockchain-backed record.

FinTech is reshaping banking and payments; commerce graduates who follow UPI, digital lending and blockchain speak the language of a fast-growing employer base.

HOURS AND CREDIT POSITION

Contact hours: 24 Guided project: 6 Self-study: 0 Notional total: 30

Credit claim: 1

30 notional hours ÷ 30 hours per credit (NSQF track, UGC Micro-credentials Guidelines §5.3.3) = 1 credits.

COURSE OUTCOMES

CO1. Describe India's digital-payment rails and their settlement flow (K2)

CO2. Explain the digital-lending model and its regulatory framework (K2)

CO3. Describe how a distributed ledger reaches consensus (K2)

CO4. Build a simple blockchain-backed record (K3)

CO5. Evaluate a FinTech use case for a stated business need (K5)

COURSE CONTENT — MODULES

Hours shown are the recommended format; module time scales proportionally when the engagement runs 1–5 days.

Module 1 — FinTech landscape (4h recommended)

Theory: The ecosystem, business models

Lab: Map the FinTech ecosystem

Output: Ecosystem map

Module 2 — Digital payments (4h recommended)

Theory: UPI, wallets, payment rails, settlement

Lab: Trace a UPI transaction end to end

Output: Payment flow diagram

Module 3 — Digital lending and regulation (4h recommended)

Theory: Credit models, the RBI framework

Lab: Assess a digital-lending model

Output: Lending analysis

Module 4 — Blockchain foundations (4h recommended)

Theory: Distributed ledgers, consensus

Lab: Walk through a ledger's consensus

Output: Consensus notes

Module 5 — Blockchain in finance (4h recommended)

Theory: Smart contracts, a simple ledger

Lab: Build a simple blockchain record

Output: Ledger prototype

Module 6 — Capstone (4h recommended)

Theory: A FinTech concept with a working ledger prototype

Lab: Present a FinTech concept

Output: Concept and prototype

ASSESSMENT SCHEME (100 MARKS)

Continuous lab exercises — 40 marks

Capstone project & demonstration — 40 marks

Quiz & viva voce — 20 marks

CO-PO MAPPING

CO1 !' PO1 (strength 2)

Payment rails are foundational domain knowledge.

CO2 !' PO6 (strength 2)

Lending regulation is professional and societal context.

CO3 !' PO1 (strength 2)

Consensus is foundational blockchain knowledge.

CO4 !' PO3 (strength 2)

Building a ledger record is solution development.

CO5 !' PO2 (strength 2)

Evaluating a use case is problem analysis.

EVERY PARTICIPANT RECEIVES

- Certificate of completion
- Course material
- LMS access
- Interview question bank
- Mock interview & viva practice
- Optional nasscom NSQF assessment (priced per candidate on your quotation)

FEE

11,700 per student, incl. GST

Excludes the optional nasscom assessment where offered. Final pricing on your college's quotation.

DESIGNED BY

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