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

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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

¹750 per student, incl. GST
Excludes the optional nasscom assessment where offered. Final pricing on your college's quotation.

DESIGNED BY

Venkat Kurela — Founder & Director, Kurela Cognisive Private Limited