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

Business Process Management and Robotic Process Automation

X-C7 · 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 a business process and automate it with an RPA bot.

Organisations are automating routine back-office work fast; graduates who can model a process and build an RPA bot meet a booming, well-paid demand.

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. Model a business process using standard notation (K3)
CO2. Analyse a process to find bottlenecks (K4)
CO3. Redesign a process for measurable improvement (K4)
CO4. Identify tasks suitable for RPA (K3)
CO5. Build an RPA bot to automate a task (K3)

COURSE CONTENT — MODULES

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

Module 1 — BPM foundations (4h recommended)
Theory: Processes, modelling notation
Lab: Learn the modelling notation
Output: Notation exercises

Module 2 — Process mapping (4h recommended)
Theory: As-is mapping, bottleneck analysis
Lab: Map an as-is process
Output: As-is map

Module 3 — Process improvement (4h recommended)
Theory: Redesign, the to-be process
Lab: Redesign the process
Output: To-be map

Module 4 — RPA foundations (4h recommended)
Theory: What to automate, RPA tools
Lab: Identify automatable tasks
Output: Automation shortlist

Module 5 — Building a bot (4h recommended)
Theory: Recording, variables, logic
Lab: Build an RPA bot
Output: Working bot

Module 6 — Capstone (4h recommended)
Theory: A mapped process automated with a bot
Lab: Automate the mapped process
Output: Process and bot

ASSESSMENT SCHEME (100 MARKS)

Continuous lab exercises — 40 marks
Capstone project & demonstration — 40 marks
Quiz & viva voce — 20 marks

CO–PO MAPPING

CO1 !' PO3 (strength 2)
Process modelling is solution design.

CO2 !’ PO2 (strength 2)
Bottleneck analysis is problem analysis.
CO3 !’ PO3 (strength 2)
Process redesign is solution design.
CO4 !’ PO2 (strength 2)
Selecting tasks to automate is analysis.
CO5 !’ PO5 (strength 2)
The RPA tool is a modern tool.

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

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