S. No.	Course Code	Course Name	Course Type	Cd	L	T	P	Marks		
								Sessional	Final Exam	Total
3	MBA-343	Robotic Process Automation	Elective	4	4	0	0	30	70	100

COURSE OUTCOMES

At the end of the course, the student will be able to:	
CO1	Describe RPA and automation and explain their impact on digital transformation
CO2	Identify the role of a Business Analyst throughout each of the stages of an RPA implementation
CO3	Formulate the processes that are suitable for discovery with UiPath Process Mining
CO4	Prepare the Build Diagram and Capture Process methods to map a process and edit the output.
CO5	Choose suitable processes and user groups for Task Mining projects

Detailed Syllabus:
Section A

Unit I: Introduction to RPA and Business analysis fundamentals: Introduction to RPA and Automation, Automation driving the digital transformation, Automation in business, Introduction to RPA business analyst-Role, skills and Challenges, Prepare RPA and solution design, Build RPA and test RPA, Stabilize RPA and constant improvement.
(10 Hrs)

Unit II: RPA Process Mining: Introduction to Process discovery, Manual versus technology led process discovery, Discovery with UI-Path, Introduction to UI-Path Process Mining, Uses and working of UI-path process mining, Process mining stages, tasks and Roles. **(10 Hrs)**

Unit III: UI-Path Task Capture: Introduction to task capture, Get started with task Capture, Task capture interface and full preview, identifying process, using build diagram and capture processes, saving and exporting, Customizing task capture. **(9 Hrs)**

Section B
Unit IV: UI-Path Task Mining: Introduction to UI-Path task mining, Task mining users, Stages of task mining project, selecting user group to analyse, collecting, and analysing the data, visualizing the result, exporting the result, developing the automation. **(8 Hrs)**

Unit V: UI-Path Automation Hub Overview: Introduction and need of Automation Hub, Getting started with Automation Hub, Personas and User Roles in Automation Hub, Automation Ideas in Automation Hub, Submitting and Employee-driven Automation Idea, Preview of the Automation Idea Lifecycle, Preview of the Automation Lifecycle, The Idea Approval and the Detailed Assessment, Making the Most of Automation Hub as a Business User, The integration with Task Capture and Process Mining, The Automation Store. **(11 Hrs)**

Textbooks

S.No	Name of the Books	Name of Author	Publisher Name	Edition (Pub. Yr.)
1.	The Robotic Process Automation Handbook	Tom Taulli	Kindle	1st Edition (2020)

2.	Robotic Process and Cognitive Automation	Mary C Lacity & Leslie P Willcocks	SB publishing	1st Edition (2018)

Reference Books

S.No	Name of the Books	Name of Author	Publisher Name	Edition (Pub. Yr.)
1.	The Care and Feeding of Bots	Christopher Surdak	Kindle	1stEdition (2020)
2.	Robotic Process Automation and Risk Mitigation	Mary C. Lacity and Leslie P. Willcocks	SB Publishing	1st Edition (2017)