



BHARATIYA VIDYA BHAVAN'S
SARDAR PATEL INSTITUTE OF TECHNOLOGY

MUNSHI NAGAR, ANDHERI (WEST), MUMBAI – 400 058.
(An Empowered Autonomous Institute Affiliated to University of Mumbai)
CSE MCA Department

Academic Year: 2025-26	Batch : 2025-2027	Semester: II	Class: FYMCA
Course Code: MC508	Course Name: Process Automation		Course Type : SBC

Innovative Teaching Learning Adopted

Following teaching Learning methods have been adopted to teach Process Automation course.

1) Think-Pair-Automate :

Problem Statement is given by the Instructor.

Link for the Problem Statement :

<https://drive.google.com/file/d/1YoeXkAJolUCe8XORSCPT1fDqSJjBRtUI/view?usp=sharing>

i) Think – Students analyze a manual process individually

ii) Pair – Discuss logic & actions with a partner

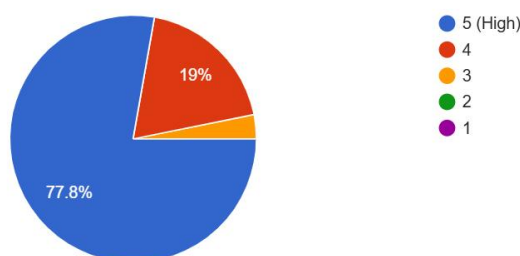
iii) Automate – Build the process together

Outcome: Excel Automation, Loops, Email Automation

Rate the technique

63 responses

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2) The Great Data Sprint (Human vs. Bot Challenge)

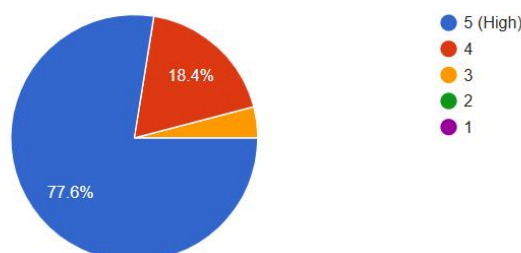
The problem statement given by the instructor was to automate data entry from an Excel file into the RPA Challenge website, where input fields dynamically change their positions after every submission, making manual entry slow and error-prone.

Outcome: Students learned how to build an Automation Anywhere bot using Excel integration, variables, loops, and object-based UI recognition (anchors) to achieve faster and more accurate data entry despite dynamic user interfaces.

Rate the technique

49 responses

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3) Smart Academic Content Creation with NotebookLM

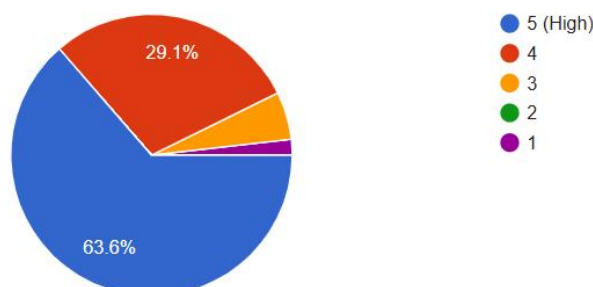
The instructor provided a task to automate the creation and dissemination of study material by using NotebookLM to process course resources (syllabus, lesson plan, lab manual, and experiment list), generate summaries and quizzes

Outcome: Students learned how to leverage AI-powered tools for automated content summarization, quiz generation, document management, and collaborative knowledge sharing, resulting in an efficient peer-learning workflow.

Rate the technique

55 responses

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4) Peer Learning :

For PA course, I've given them a task to create Project case study. They have created the bots. Finally, they need to give presentation in front of entire class about the assigned task.

Outcome: Demonstration of Bot Mini Project.

5) Certification :

Instructor asked students to do free certification on Automation Anywhere from Automation Anywhere certification courses.

Link : <https://upskill.automationanywhere.com/essentials-automation-certification>

Outcome : Certificate