



Invertis University, Bareilly

PO Attainment

Faculty Name: Gurpreet Singh

Class/Sem: BCA AI/4

Academic Year: 2022-23

Course Name: Introduction To RPA Tools

Course Code: BCAIAI-401

Program Name: BCA AI

CO-PO MAPPING:

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	1	3				3	2				
CO2	1	1			3					1	2	
CO3	1		1		3	2			2		1	
CO4	2			1		1	3				2	
CO5		1			2		1				1	2
CO6		3			1		1				3	1

CO ATTAINMENT:

Gurpreet Singh	Att. Level
CO1	2.80
CO2	2.80
CO3	2.71
CO4	2.67
CO5	2.70
CO6	2.71

PO ATTAINMENT :

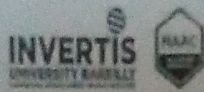
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Overall PO Attainment	2.7	2.7	2.8	2.7	2.7	2.7	2.7	2.8	2.7	2.8	2.7	2.7

Registrar
Invertis University
Bareilly

Dean Academics
Faculty of Computer Applications
Invertis University, Bareilly (UPI)

Faculty Signature

Head
Department of Computer Applications
Faculty of Computer Applications
Invertis University, Bareilly (UPI)



Prof. Garpreet Singh
 Con: Introduction To RPA Tools

Invertis University, Bareilly CO Attainment

Class/Sem: BCA AI/4 Academic Year: 2022-23

Course Code: BCAIAI-401 Program Name: BCA AI

S. No.	University Reg. No.	Student Name	Internal Marks Scheme									Total Internal Marks	End Sem Exam Marks	Total Marks	
			First Unit Test	Second Unit Test	First Class Test	Second Class Test	Best One From Unit Test	Best One From Class Test	Unit Test(UT)	Attendance(AT)	Teacher Assessment(TA)				
			Theory (30)	Theory (30)	Theory (10)	Theory (10)	Theory (30)	Theory (10)	12	12	6	Theory (25)	Theory (50)	Theory (75)	
1	BCAI2021001	RISHABH SINGHAL	13	10	3	3	13	3	5	3	2	10		10	
2	BCAI2021003	LUV SHARMA	30	24	10	8	30	10	12	7	6	25	37	62	
3	BCAI2021006	SUKHWINDER SINGH CHAUHAN	30	24	10	8	30	10	12	7	6	25	38	63	
4	BCAI2021007	HRITIKA KUMARI	28	22	8	7	28	8	11	6	5	22	41	63	
5	BCAI2021008	AADI AGARWAL	30	24	8	7	30	8	12	7	5	24	37	61	
6	BCAI2021009	PRANJAL GUPTA	30	24	8	7	30	8	12	6	5	23	40	63	
7	BCAI2021010	ASHUTOSH LODHI	30	24	8	7	30	8	12	7	5	24	41	65	
8	BCAI2021013	AMAN DUBEY	13	10	3	3	13	3	5	3	2	10		10	
9	BCAI2021014	GULAM MOHD SIBTAIN NIAZI	25	20	7	5	25	7	10	5	4	19	37	56	
10	BCAI2021015	HARSHIKA ARORA	25	20	7	5	25	7	10	6	4	20	39	59	
Students appeared for the examination			10	10	10	10	10	10	10	10	10	10	10	8	10
Target / satisfactory mark set as benchmark			18	18	6	6	18	6	7	7	4	15	30	45	
Students scored above the target set			8	8	8	6	8	8	8	0	8	8	8	8	8
% Students scored above the target set			80%	80%	80%	60%	80%	80%	80%	0%	80%	80%	100%	80%	80%
Attainment Level			3	3	3	2	3	3	3	1	3	3	3	3	3

	CO1	CO2	CO3	CO4	CO5	CO6	Overall
	3	3	3	3	3	3	2.80
	3	3	3	3	3	3	2.80
	3	3	3	3	3	3	2.71
	3	3	3	3	3	3	2.67
	3	3	3	3	3	3	2.70
	3	3	3	3	3	3	2.71

Rubric:		Overall attainment	2.73
% Students	Level		
<50%	1		
50-75%	2		
>75%	3		

gahgh
 Faculty Signature

Je D
 Dean Academics
 Faculty of Computer Applications
 Invertis University, Bareilly (UP)

AS
 Head
 Department of Computer Applications
 Faculty of Computer Applications
 Invertis University, Bareilly (UP)

Registered
 Invertis University
 Bareilly



Even Semester Examination 2022-23

BCA- VI Semester

Course/Code: Introduction To RPA Tools (BCAIAI-401)

Maximum Marks :50; Duration: 3 Hours

Q.No	Questions	Marks (50)	CO	BL
	Explain the following:			
1-I	Explain UiPath ?	01	CO1	L2
1-II	What is RPA ?	01	CO2	L1
1-III	Write down the two RPA tools name?	01	CO2	L2
1-IV	Write down the full form of CSV.	01	CO2	L1
1-V	Write the name of the UiPath developer.	01	CO2	L1
	Explain the following:			
2-I	Write shortcut key for variable declaring in UiPath.	01	CO1	L1
2-II	Define UiPath Orchestrator.	01	CO1	L1
2-III	Explain UiPath Assistant?	01	CO1	L1
2-IV	Write working stages of UiPath.	01	CO1	L2
2-V	Write any two OCR Types in UiPath.	01	CO1	L1
	Answer any two:			
3-I	a) Explain the challenges of RPA? b) Why is RPA transformative ? Explain it. c) Write down the applications of RPA?	10	CO2	L2
	Answer any two:			
4-I	a) What are the business benefits of UiPath ? b) Write a short note on Flowcharts and Sequence in UiPath and also provide suitable example. c) Where can RPA be used ? Explain in details.	10	CO3	L5
	Answer any two:			
5	a) Explain the main types of bots supported by UiPath Studio. b) What are the main components of UiPath, explain in details? c) Discuss UiPath architecture in detail.	10	CO5	L4
	Answer any two:			
6	a) What are the products of UiPath ? Explain. b) Write down of your purpose in details to build software robots. c) Why is RPA transformative ? Explain in details	10	CO6	L6

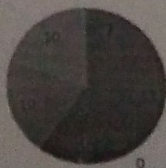
BL - Bloom's Taxonomy Levels

(1- Remembering, 2- Understanding, 3 - Applying, 4 - Analysing, 5 - Evaluating, 6 - Creating)

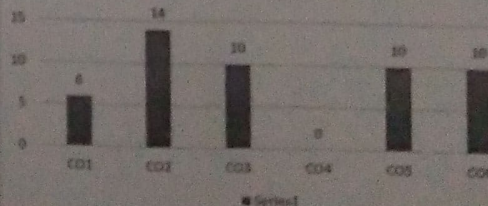
CO - Course Outcomes PO - Program Outcomes, PI Code - Performance Indicator Code

Level	Marks	CO	Marks
Level1	7	CO1	6
Level2	13	CO2	14
Level3	0	CO3	10
Level4	10	CO4	0
Level5	10	CO5	10
Level6	10	CO6	10
Total	50	Total	50

Bloom's Level wise Marks Distribution



Course Outcome wise Marks Distribution



Rajendra
Invertis University
Bareilly

Deep Academics
Faculty of Computer Applications
The University, Bareilly (UP)

Head
Department of Computer Applications
Faculty of Computer Applications
Invertis University, Bareilly (UP)

Q.No	Questions	Marks (30)	CO	BL
	Explain the following in very short -			
1-I	What is UiPath ?	01	CO1	L1
1-II	What is RPA ?	01	CO1	L1
1-III	Write down the full form of RPA?	01	CO2	L2
1-IV	Write full form of CSV?	01	CO1	L2
1-V	Write down the two RPA tools name?	01	CO1	L1
	Explain the following term -			
2-I	Write down the pros of RPA?	01	CO2	L2
2-II	Write down the requirements for installing UiPath Studio?	01	CO2	L1
2-III	Write down the cons of RPA?	01	CO2	L2
2-IV	Is RPA the same as artificial intelligence (AI)?	01	CO2	L2
2-V	Is UiPath is RPA tool?	01	CO2	L1
3	Answer any two questions : A) What are the business benefits of RPA ? B) Where can RPA be used ? C) Describe features of UiPath?	08	CO2	L3
4-A	Why is RPA transformative ? OR Write down the applications of RPA?	06	CO3	L4
4-B	What are the components of UI path, explain it? OR Explain the benefits and challenges of RPA?	06	CO3	L4

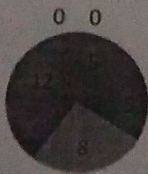
BL – Bloom’s Taxonomy Levels

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CO – Course Outcomes PO – Program Outcomes; PI Code – Performance Indicator Code

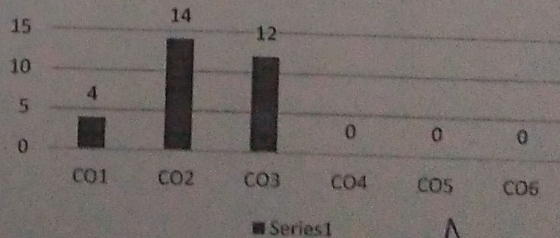
Level	Marks	CO	Marks
Level1	5	CO1	4
Level2	5	CO2	14
Level3	8	CO3	12
Level4	12	CO4	0
Level5	0	CO5	0
Level6	0	CO6	0
Total	30	Total	30

Bloom's Level wise Marks Distribution



■ Level1 ■ Level2 ■ Level3 ■ Level4 ■ Level5 ■ Level6

Course Outcome wise Marks Distribution



■ Series1

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Head
Department of Computer Applications
Faculty of Computer Applications
Invertis University, Bareilly (UP)

Q.No	Questions	Marks (30)	CO	BL
	Explain the following in very short -			
1-I	Write down the two RPA tools name?	01	CO4	L1
1-II	Write the name of the UiPath developer.	01	CO4	L1
1-III	What is the use of keys() function.	01	CO4	L2
1-IV	Write any two OCR Types in UiPath.	01	CO4	L1
1-V	Is UiPath RPA tool ?	01	CO4	L1
	Explain the following function -			
2-I	What is UiPath ?	01	CO4	L2
2-II	Explain UiPath Assistant?	01	CO5	L2
2-III	Write working stages of UiPath.	01	CO5	L2
2-IV	Write down the cons of RPA?	01	CO5	L2
2-V	Write down the full form of CSV	01	CO5	L2
3	Answer any two: a) Describe the challenges of RPA? b) Why is RPA transformative ? Explain it. c) Write down the areas where RPA can be used ?	08	CO5	L3
4-A	Explain business benefits of UiPath in details ? OR Write a short note on Flowcharts and Sequence in UiPath and also provide suitable	06	CO5	L3
4-B	Explain the benefits of RPA in details ? OR What are the main components of UiPath, explain in details?	06	CO6	L4

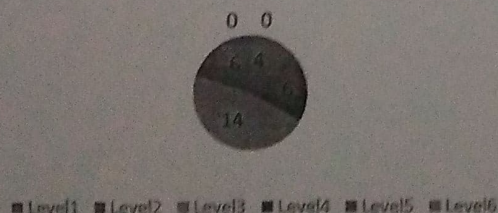
BL – Bloom’s Taxonomy Levels

(1- Remembering, 2- Understanding, 3 – Applying, 4 – Analysing, 5 – Evaluating, 6 - Creating)

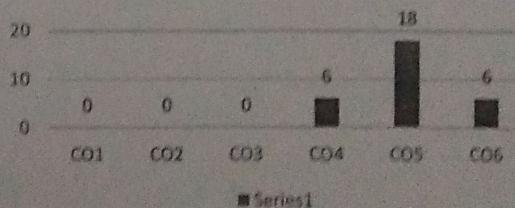
CO – Course Outcomes PO – Program Outcomes; PI Code – Performance Indicator Code

Level	Marks	CO	Marks
Level1	4	CO1	0
Level2	6	CO2	0
Level3	14	CO3	0
Level4	6	CO4	6
Level5	0	CO5	18
Level6	0	CO6	6
Total	30	Total	30

Bloom's Level wise Marks Distribution



Course Outcome wise Marks Distribution



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First Class Test 2022-23

BCA(AI)- IV Semester

Course/Code: Introduction To RPA Tools (BCAIAI-401)

Maximum Marks :10; Duration: 30 Minutes

Q.No	Questions	Marks (10)	CO	BL
1	What are the business benefits of UiPath ?	05	CO1	L3
2	Write down the applications of RPA?	05	CO2	L1

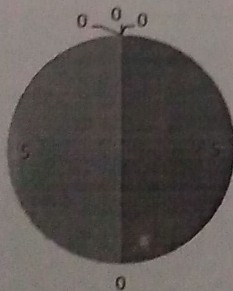
BL – Bloom’s Taxonomy Levels

(1- Remembering, 2- Understanding, 3 – Applying, 4 – Analysing, 5 – Evaluating, 6 - Creating)

CO – Course Outcomes PO – Program Outcomes; PI Code – Performance Indicator Code

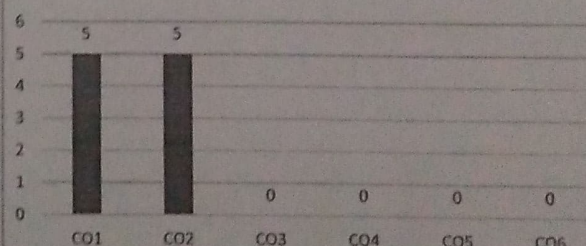
Level	Marks	CO	Marks
Level1	5	CO1	5
Level2	0	CO2	5
Level3	5	CO3	0
Level4	0	CO4	0
Level5	0	CO5	0
Level6	0	CO6	0
Total	10	Total	10

Bloom's Level wise Marks Distribution



Legend: Level1, Level2, Level3, Level4, Level5, Level6

Course Outcome wise Marks Distribution



Legend: Series1

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Head
Department of Computer Applications
Faculty of Computer Applications
Invertis University, Bareilly (UP)

Q.No	Questions	Marks (10)	CO	BL
1	What are the products of UiPath ? Explain.	05	CO4	L2
2	Discuss UiPath architecture in detail.	05	CO5	L1

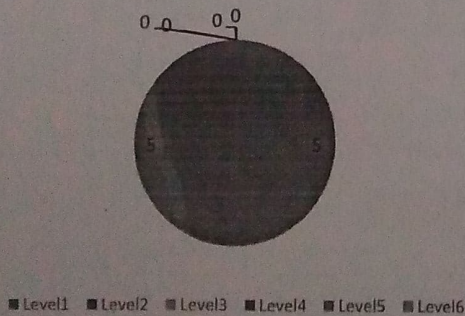
BL – Bloom’s Taxonomy Levels

(1- Remembering, 2- Understanding, 3 – Applying, 4 – Analysing, 5 – Evaluating, 6 - Creating)

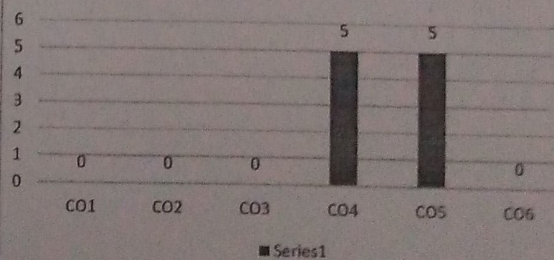
CO – Course Outcomes PO – Program Outcomes; PI Code – Performance Indicator Code

Level	Marks	CO	Marks
Level1	5	CO1	0
Level2	5	CO2	0
Level3	0	CO3	0
Level4	0	CO4	5
Level5	0	CO5	5
Level6	0	CO6	0
Total	10	Total	10

Bloom's Level wise Marks Distribution



Course Outcome wise Marks Distribution



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Bareilly

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Faculty of Computer Applications
Invertis University, Bareilly (UP)

Head
Department of Computer Applications
Faculty of Computer Applications
Invertis University, Bareilly (UP)

PROGRAM : BCA (ARTIFICIAL INTELLIGENCE)
SEMESTER : FOURTH
SESSION : 2022-23
COLLEGE : Faculty of Computer Application

Enrollment No.	Roll No.	Student ID	Student Name	BCAI403				BCAI401				BCAI402				BCAI403				BCAI405				BCAI407				BCAI408				BCAI409				Grand Total	Credit Semesters								
				Max Marks				CR	Max Marks				CR	Max Marks				CR	Max Marks				CR	Max Marks				CR	Max Marks				CR												
				35	15	50		2	50	25	75		2	50	25	75		2	50	25	75		3	50	25	75		3	55	15	50		2	35	15			50		2	70	30	100		
210005	2110208001	BCAI2021008	AADI AGARWAL	29	14	43		2	37	24	61		3	45	22	68		3	45	24	69		3	46	24	70		3	34	14	48		2	23	13	36		2	45	22	67		4	430	12
210499	2110208003	BCAI2021010	ASHUTOSH LODHI	22	13	35		2	41	24	65		3	45	23	68		3	44	25	69		3	43	24	67		3	33	14	47		2	25	13	38		2	45	23	68		4	427	12
210753	2110208004	BCAI2021014	GULAM MOHD SIBTAIN NIAZI	15	10	25		2	37	19	56		3	35	17	52		3	34	20	54		3	37	19	56		3	28	12	40		2	28	12	41		2	36	14	50		4	402	12
210797	2110208008	BCAI2021015	HARSHIKA ARORA	11	10	21		2	39	20	59		3	45	20	65		3	43	21	64		3	45	21	67		3	31	12	43		2	25	13	38		2	30	14	44		4	440	12
210847	2110208005	BCAI2021007	HRITIKA KUMARI	21	13	34		2	41	22	63		3	47	23	70		3	42	24	66		3	44	24	68		3	32	12	44		2	29	12	41		2	47	23	70		4	460	12
211041	2110208006	BCAI2021003	LUV SHARMA	25	15	40		2	37	25	62		3	41	25	64		3	42	25	67		3	45	24	70		3	34	14	48		2	31	12	43		2	45	23	68		4	450	12
211393	2110208007	BCAI2021009	FRANJAL GUPTA	13	13	26		2	40	23	63		3	31	22	53		3	32	23	55		3	32	23	55		3	31	12	43		2	28	12	40		2	34	15	49		4	418	12
211969	2110208009	BCAI2021006	SUKHWINDER SINGH CHAUHAN	15	15	30		2	38	25	63		3	35	25	60		3	31	25	56		3	43	25	68		3	34	15	49		2	28	12	41		2	33	16	49		4	450	12
210233	2110208002	BCAI2021013	AMAN DUBEY	AB	6			0	AB	10			0	AB	10			0	AB	10			0					0	AB	10			0	AB	6			0	AB	12			0	27	0
211581	2110208008	BCAI2021001	RISHAB SINGHAL	AB	6			0	AB	10			0	AB	10			0	AB	10			0					0	AB	6			0	AB	6			0	AB	12			0	27	0

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Head
Department of Computer Applications
Faculty of Computer Applications
Invertis University, Bareilly (UP)

Controller of Examination

Registrar

Vice Chancellor

PI or Re-Appeal Students are not Calculated.

Passing marks - 40% in each course

Internal Marks - Internal Marks
Total Marks
Jul 13, 2023
used with Grace Marks
Credit

BCAI403 : LOGICAL REASONING AND THINKING

BCAI403 : SENSOR TECHNOLOGY

BCAI403 : SENSOR TECHNOLOGY AND STANDARD INTERFACES

BCAI401 : INTRODUCTION TO RPA TOOLS

BCAI407 : INTRODUCTION TO ARTIFICIAL INTELLIGENCE

LAB

BCAI402 : INTRODUCTION TO ARTIFICIAL INTELLIGENCE

BCAI408 : INTRODUCTION TO RPA TOOLS LAB

PROGRAM : BCA (ARTIFICIAL INTELLIGENCE)
SEMESTER : FOURTH
SESSION : 2022-23
COLLEGE : Faculty of Computer Application

Enrollment No.	Roll No.	Student ID	Student Name	SGPA	CPI	Remarks
1	2110206001	BCAI2021008	AADI ADARWAL	0.00	65.91	Pass
2	2110206003	BCAI2021010	ASHUTOSH LODHI	0.00	64.95	Pass
3	2110206004	BCAI2021014	GULAM MOHD SIBTAIN NIAZI	0.00	53.18	Pass
4	2110206006	BCAI2021015	HARSHIKA ARORA	0.00	59.68	Pass
5	2110206005	BCAI2021007	HRIITIKA KUMARI	0.00	60.95	Pass
6	2110206008	BCAI2021006	LUV SHARMA	0.00	65.14	Pass
7	2110206007	BCAI2021009	PRANJAL GUPTA	0.00	55	Pass
8	2110206009	BCAI2021006	SUKHWINDER SENGH CHAUDHAN	0.00	59.68	Pass
9	2110206002	BCAI2021013	AMAN DUBEY	0.00	--	Re-Appear- BCAI403, BCAIAI401, BCAIAI402, BCAIAI403, BCAIAI407, BCAIAI408, IIT24
10	2110206008	BCAI2021001	RISHABH SINGHAL	0.00	--	Re-Appear- BCAI403, BCAIAI401, BCAIAI402, BCAIAI403, BCAIAI407, BCAIAI408, IIT24

Registrar
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Bareilly

for
Dean Academics
Faculty of Computer Applications
Invertis University, Bareilly (UP)

Head
Department of Computer Applications
Faculty of Computer Applications
Invertis University, Bareilly (UP)

Controller of Examination

Registrar

Vice Chancellor

CPI of Re-Appeal Students are not Calculated.

Grade-
Passing marks - 40% in each course

External Marks I - Internal Marks

Total Marks

to : Jul 12, 2023

Passed with Grace Marks

-Credit

BCAI403 : LOGICAL REASONING AND THINKING

BCAIAI403 : SENSOR TECHNOLOGY

THEORY, ANALYSIS, DESIGN AND PROGRAM INTERFACES LAB

BCAIAI401 : INTRODUCTION TO RPA TOOLS

BCAIAI407 : INTRODUCTION TO ARTIFICIAL INTELLIGENCE

LAB

BCAIAI402 : INTRODUCTION TO ARTIFICIAL INTELLIGENCE

BCAIAI408 : INTRODUCTION TO RPA TOOLS LAB