Internal Assesment Sheet

Program:- B.Tech. Artificial Intelligence and Data Science

Semester / Section :- III Semester B.Tech.

Course / Course Code: Discret Mathematic and Graph Theory / BEAI&DS301T

Academic Year:- 2024–2025

Assessment Tools	Sessional -1 (20)		Sessional -2 (20)		PUT (70)					Activity (8)	Assign (7)	Uni. Exam
	Q1 or Q2	Q3 or Q4	Q1 or Q2	Q3 or Q4	Q1 or Q2	Q3 or Q4	Q5 or Q6	Q7 or Q8	Q9 or Q10			
Max. Marks	10	10	10	10	14	14	14	14	14	8	7	70
CO Mapped	CO1	CO2	CO3	CO4	CO1	CO2	CO3	CO4	CO5	CO1, CO2, CO3, CO4, CO5	CO1, CO2, CO3, CO4, CO5	CO1, CO2, CO3, CO4, CO5

Sr.No.	University Roll List	Marks Scored											
1	249341		7	5	7	5	7	1			7	6	41
2	249342	5	3	3	6			7		3	6	5	51
3	249343	5	5	1	9		13		9		6	5	20
4	249344		4	7	9	1	12	7	12		7	6	38
5	249345	AB	AB	AB	AB				1		7	6	21
6	249346	3	1	9	5	2	14	7	14		7	6	47
7	249347						2	2			6	5	8
8	249348	1	1	5	5	6	7	7	3		6	5	18
9	249349		1				5		7		6	5	43
10	249350	1	1	1	9	8	12	1	6	1	8	7	58
11	249351	9	1	1	6	12	12	8	7	3	7	6	52
12	249352	1	2	1	7	6	1	6	9	2	7	6	41
13	249353	1	1	1	5	14	11	13	1	9	7	6	53
14	249354	6	1	1	7	9	7	7	12	8	7	6	50

15	249355		1	1			3		3		6	5	25
16	249356	AB	AB	AB	AB				9		6	5	5
17	249357	8	5	1		7	5	4			6	5	26
18	249358		2	6		8	12	4	3		7	6	31
19	249359	1		7		3	7		7		6	5	33
20	249360	2	1	4	1		9		6		7	6	40
21	249361	1	6	9	1	2	7	7	11		7	6	51
22	249362	AB	AB	AB	AB				2		7	6	13

#	ID												
23	249363	AB	AB	AB	AB						6	5	29
24	249364	8	1	AB	AB	9	14				7	6	40
25	249365	AB	AB	AB	AB				2		6	5	17
26	249366			5			2				6	5	17
27	249367		4	3			11		4		6	5	24
28	249368	2	7	AB	AB	3	1	7	5		7	6	28
29	249369	AB	AB	AB	AB				5		6	5	16
30	249370	AB	AB	AB	AB				4		6	5	21
31	249371	1	6	1	6	1	11	7	12		6	5	58
32	249372	3	4	1	2	7	12	2	12	3	7	6	44
33	249373	1	2	5	5	9	1	2	9	1	6	5	29
34	249374	AB	AB	9	3	4	12				6	5	38
35	249375		3	1		4	12		3		6	5	39
36	249376	AB	AB	AB	AB				7		6	5	35
37	249377		2	5			7				7	6	15
38	249378	AB	AB	AB	AB				7		7	6	14
39	249379	6	9	1	5	7	5		7		6	5	48
40	249380	5		1	6	14	5	7	7	7	6	5	40
41	249381	4		7		14	12		3		6	5	27
42	249382			4				7			6	5	12
43	249383	2	4	7			5	7	2		6	5	6
44	249384	2	3	9		1	7	7	2		6	5	37
45	249385		2	9	1	9	7	7	3		7	6	10
46	249386										6	5	4
47	249387			2	4	7		6	7		6	6	20
48	249388		2	1	4	1	8	6	5	6	6	6	34
49	249389		2	AB	AB				2		6	5	17
50	249390	AB	AB	AB	AB						6	5	3
51	249391		4	4	2	5	6	6		3	6	6	44
52	249392			8		5	5				6	6	20
53	249393	AB	AB	7	3	5	2	7	8		6	6	33

54	249394		5	1	5		1	7	7		6	6	19
55	249395		4	AB	AB	5	1		7	2	6	6	35
56	249396			2					2		6	5	17
57	249397		2				12		6		6	6	36

Sl. No	Reg. No												
58	249398		4	6	3		11		7	5	6	6	32
59	249399			9	2				6		6	5	26
60	249400	AB	AB							2	6	6	14
61	249401		7	9	3		7		1	1	6	6	24
62	249402		3	AB	AB		6		12	1	6	6	32
63	249403				2			4			6	6	33
64	249404	AB	AB	AB	AB					7	6	6	21
65	249405	4	1	7	6	7	11	5	9	2	6	6	54
66	249406		2	7	1		9				6	6	41
67	249407			1		6	4	2			6	6	26
68	249408	8	1	5	7	9	2	9	1	6	7	7	50
69	249409		5	2	2		12		12		6	6	35
70	249410	1	1	5	5						6	6	31
71	249411			4	1		2				6	5	16
72	249412				2	2			11	3	6	6	26
73	249413	2	5	6	1	3	1	2	4	1	6	6	47
74	249414			6			4		2		6	6	33
75	249415										6	6	13
76	249416				5				3		6	5	9
Average =		3.44	3.14	4.37	4.29	6.11	7.19	5.70	6.07	3.62	6.28	5.59	29.76
Absolute Marks (45%)		4.5	4.5	4.5	4.5	6.3	6.3	6.3	6.3	6.3	3.6	3.2	31.5
Total no. of students		24	40	50	42	60	49	46	47	24	67	67	67
No.of students scoring above absolute marks		11	16	28	9	29	16	20	11	5	67	67	32
% of students scoring above absolute marks		45.84	40.00	56.00	21.43	48.34	32.66	43.48	23.41	0..00	100.00	100.00	47.77
CO Attainment		1.08	1.00	2.10	1.00	1.33	1.00	1.00	1.00	0.00	3.00	3.00	1.28

L1 :	45				45 % students scoring more than absolute marks	1
L2 :	55				55 % students scoring more than absolute marks	2
L3 :	65				65 % students scoring more than absolute marks	3

Internal CO Attainment =	Sessional -1		Sessional -2		PUT					Activity							
	CO1	CO2	CO3	CO4	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2
	1.08	1.00	2.10	1.00	1.33	1.00	1.00	1.00	0.00	3.00	3.00	3.00	3.00	3.00	___	1.28	1.28

	CO Attainment				
	CO1	CO2	CO3	CO4	CO5
Internal CO Attainment	1.67	0.00	1.84	1.57	1.43
University CO Attainment	1.28	1.28	1.28	1.28	1.28
Actual CO Attaiment = 80% UCOA + 20% ICOA	**1.36**	**1.02**	**1.39**	**1.34**	**1.31**

Consoliated CO attainment of the subject	1.28

CO-PO Mapping & extent of corelation												
CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
BEAI&DS301T.1	3	2	3	2	2				1	1		2
BEAI&DS301T.2	3	3	2	2	2					1	1	2
BEAI&DS301T.3	3	3	2	2	1				1	2		3
BEAI&DS301T.4	3	3	2	2	2				1	2	1	2
BEAI&DS301T.5	3	3	2	2	3							3
BEAI&DS301T.6	2	1		2	2	1	2	2	1	1	2	3
BEAI&DS301T	**3.40**	**3.00**	**2.20**	**2.40**	**2.40**	**0.20**	**0.40**	**0.40**	**0.80**	**1.40**	**0.80**	**3.00**

PO attainment through CO													
CO\PO	ttainmer	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO09	PO10	PO11	PO12
BEAI&DS301T.1	**1.36**	1.36	0.90	1.36	0.90	0.90	0.00	0.00	0.00	0.45	0.45	0.00	0.90
BEAI&DS301T.2	**1.02**	1.02	1.02	1.91	0.68	0.68	0.00	0.00	0.00	0.00	0.34	0.34	0.68
BEAI&DS301T.3	**1.39**	1.39	1.39	2.84	0.93	0.46	0.00	0.00	0.00	0.46	0.93	0.00	1.39

BEAI&DS301T.4	**1.34**	1.34	1.34	1.94	0.89	0.89	0.00	0.00	0.00	0.45	0.89	0.45	0.89
BEAI&DS301T.5	**1.31**	0.87	0.44	2.87	0.87	0.87	0.44	0.87	0.87	0.44	0.44	0.87	1.31
BEAI&DS301T	**Average**	**1.20**	**1.02**	**2.18**	**0.85**	**0.76**	**0.09**	**0.17**	**0.17**	**0.36**	**0.61**	**0.33**	**1.03**

CO-PSO Correlation		
CO\PO	PSO1	PSO2
BEAI&DS301T.1	3	2
BEAI&DS301T.2	3	2
BEAI&DS301T.3	3	3
BEAI&DS301T.4	3	2
BEAI&DS301T.5	3	
BEAI&DS301T	**3.00**	**1.80**

CO-PSO Attainment		
CO\PO	PSO1	PSO2
BEAI&DS301T.1	1.36	0.90
BEAI&DS301T.2	1.02	0.68
BEAI&DS301T.3	1.39	1.39
BEAI&DS301T.4	1.34	0.89
BEAI&DS301T.5	1.31	0.00
BEAI&DS301T	**1.28**	**0.77**

Prof. Roshan R. Kolte

Subject Teacher

Assign/ Tut			
CO3	CO4	CO5	CO6
1.28	1.28	1.28	____

Internal Assessment Sheet

Program:- B.Tech. Artificial Intelligence and Data Science

Semester / Section :- III Semester B.Tech.

Course / Course Code: Operating System / BEAI&DS302T

Academic Year:- 2024–2025

		Sessional -1 (20)		Sessional -2 (20)		PUT (70)					Activity (8)	Assign (7)	Uni. Exam
Assessment Tools		Q1 or Q2	Q3 or Q4	Q1 or Q2	Q3 or Q4	Q1 or Q2	Q3 or Q4	Q5 or Q6	Q7 or Q8	Q9 or Q10			
Max. Marks		10	10	10	10	14	14	14	14	14	8	7	70
CO Mapped		CO1	CO2	CO3	CO4	CO1	CO2	CO3	CO4	CO5	CO1, CO2, CO3, CO4, CO5	CO1, CO2, CO3, CO4, CO5	CO1, CO2, CO3, CO4, CO5
Sr.No.	**University Roll List**	Marks Scored											
1	249341	1	5	2	2	11	4				7	6	44
2	249342	1	6	2	5	1		8			6	5	47
3	249343	AB	AB	4	9	9	4	2		2	6	5	11
4	249344	5	1	4	6	1			12	4	7	6	31
5	249345	AB	AB	AB	AB	1	2	1	2	1	7	6	35
6	249346	6	1	5	9	11	12	8	1	5	7	6	50
7	249347	3	1		6	4	5				6	5	12
8	249348	2	9	3	3	5	8				6	5	30
9	249349	4		1	3	8	1		5	2	6	5	25
10	249350	7	7	4	7	11	5	7			8	7	39
11	249351	5	9	3	2	11	7				7	6	61
12	249352	1	1	2	3	1	3		1	8	7	6	38
13	249353	1	1	6	5	12	11	1	6	5	7	6	44
14	249354	5	7	2	2	1	1	6	6	5	7	6	35

15	249355	1	1	5	3	8	5	2	4	4	6	5	34
16	249356	AB	AB	AB	AB	9	9		4		6	5	19
17	249357	2		1	2	4	3		1		6	5	18
18	249358		9	7	3	12	5			2	7	6	41
19	249359	5			4	12					6	5	16
20	249360	6	5	5	5	1	9				7	6	55
21	249361		2		8	11	2				7	6	32
22	249362	AB	AB	AB	AB	2	4	3	4	3	7	6	20

23	249363	AB	AB	AB	AB	5	7	3	1	4	6	5	37
24	249364	5	9	7	2	1	6				7	6	46
25	249365	AB	AB	AB	AB	4	2				6	5	34
26	249366	1	2	6	3	9	5	2			6	5	28
27	249367	2	3	3	2	6	7		7		6	5	21
28	249368	2	4	1	2	6	6	6	3		7	6	32
29	249369	AB	AB	AB	AB	9	11		1	4	6	5	41
30	249370	AB	AB	AB	AB	6	4	4		2	6	5	17
31	249371	5	2	2	8	11	4				6	5	29
32	249372	1	5	4	8	AB	AB	AB	AB	AB	7	6	29
33	249373	5	5		2	4	7	4			6	5	23
34	249374		6		4	8	4			2	6	5	26
35	249375	9	5	4	9	6				5	6	5	32
36	249376	AB	AB	AB	AB	5	2		2	1	6	5	30
37	249377	2		6	2	9	2	4	4		7	6	31
38	249378	AB	AB	AB	AB	7	7	1	2	1	7	6	37
39	249379		5	4	9	6	2			4	6	5	27
40	249380				9	6	5				6	5	25
41	249381				7	1	4		5		6	5	20
42	249382	1	2	4	2	4	2	2	2	3	6	5	16
43	249383		2		3	9		6		3	6	5	AA
44	249384	1	4		7	4	8		5		6	5	41
45	249385	1	2	4	6	9	7	9	8		7	6	18
46	249386	1	1	2	2	4	6	1		4	6	5	12
47	249387		4	2	7	4	3			1	6	6	17
48	249388	2	4	6	5	1	6		1	4	6	6	22
49	249389			1	1	4		2			6	5	4
50	249390	AB	AB		2	AB	AB	AB	AB	AB	6	5	7
51	249391	1		4		8	1			4	6	6	28
52	249392		5			3			2		6	6	24
53	249393	AB	AB	1	1	11	2	2	2		6	6	28

54	249394		3	1	4	5		4			6	6	12
55	249395		5	2	3	8	4	1			6	6	21
56	249396				5	4	2	8			6	5	21
57	249397				6	3	2	3			6	6	20

No	Reg No												
58	249398		1		8	3	6	2			6	6	30
59	249399					7	4	1			6	5	5
60	249400	AB	AB	AB	AB	1	1	4			6	6	10
61	249401			1	2	4	1	5		5	6	6	17
62	249402			AB	AB	2		2	5	5	6	6	33
63	249403	1				7	6	6	7	2	6	6	24
64	249404	AB	AB	AB	AB	6	7				6	6	32
65	249405		2	4	4	4	3	6	2		6	6	35
66	249406			5	2	6	4	2			6	6	5
67	249407	AB	AB	4		12	5			5	6	6	4
68	249408	8	4	8	6	11	1	8	6	5	7	7	53
69	249409				9	6	5			3	6	6	20
70	249410				7	AB	AB	AB	AB	AB	6	6	23
71	249411					1					6	5	13
72	249412	AB	AB	AB	AB	9	1	9	11	6	6	6	27
73	249413			2	5	8	7				6	6	13
74	249414		2	2		11	5				6	6	26
75	249415					5		2	1	1	6	6	4
76	249416	AB	AB	2		5	3	4			6	5	1
	Average =	3.12	3.90	3.44	4.65	6.08	4.63	3.97	3.97	3.48	6.28	5.59	26.24
	Absolute Marks (45%)	4.5	4.5	4.5	4.5	6.3	6.3	6.3	6.3	6.3	3.6	3.2	31.5

Total no. of students	32	37	39	50	65	56	34	28	29	67	67	66
No.of students scoring above absolute marks	11	16	10	22	26	14	5	4	1	67	67	24
% of students scoring above absolute marks	34.38	43.25	25.65	44.00	40.00	25.00	14.71	14.29	0..00	100.00	100.00	36.37
CO Attainment	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	3.00	3.00	1.00

L1 :	45				45 % students scoring more than absolute marks	1
L2 :	55				55 % students scoring more than absolute marks	2
L3 :	65				65 % students scoring more than absolute marks	3

Internal CO Attainment =	Sessional -1		Sessional -2		PUT					Activity							
	CO1	CO2	CO3	CO4	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	3.00	3.00	3.00	3.00	3.00	___	1.00	1.00

	CO Attainment				
	CO1	CO2	CO3	CO4	CO5
Internal CO Attainment	1.50	1.50	1.50	1.50	1.33
University CO Attainment	1.00	1.00	1.00	1.00	1.00
Actual CO Attaiment = 80% UCOA + 20% ICOA	**1.10**	**1.10**	**1.10**	**1.10**	**1.07**

Consoliated CO attainment of the subject	1.09

CO-PO Mapping & extent of corelation												
CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
BEAI&DS302T.1	3	2	3	2	3				2	2	1	1
BEAI&DS302T.2	2	2	1	2	3			2	1			2
BEAI&DS302T.3	3	2	3	2	2			1	2	3	2	
BEAI&DS302T.4	3	2	1	1	2							
BEAI&DS302T.5	3	2	2	2	3				2	2	1	1
BEAI&DS302T	**2.80**	**2.00**	**2.00**	**1.80**	**2.60**	**0.00**	**0.00**	**0.60**	**1.40**	**1.40**	**0.80**	**0.80**

PO attainment through CO												
CO\PO	ttainmer	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO09	PO10	PO11	PO12

BEAI&DS302T.1	**1.10**	1.10	0.73	1.10	0.73	1.10	0.00	0.00	0.00	0.73	0.73	0.37	0.37
BEAI&DS302T.2	**1.10**	0.73	0.73	1.91	0.73	1.10	0.00	0.00	0.73	0.37	0.00	0.00	0.73
BEAI&DS302T.3	**1.10**	1.10	0.73	2.84	0.73	0.73	0.00	0.00	0.37	0.73	1.10	0.73	0.00
BEAI&DS302T.4	**1.10**	1.10	0.73	1.94	0.37	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEAI&DS302T.5	**1.07**	#REF!	#REF!	2.87	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
BEAI&DS302T	**Average**	**#REF!**	**#REF!**	**2.13**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**

CO-PSO Correlation		
CO\PO	PSO1	PSO2
BEAI&DS302T.1	3	2
BEAI&DS302T.2	3	3
BEAI&DS302T.3	3	2
BEAI&DS302T.4	3	2
BEAI&DS302T.5	3	2
BEAI&DS302T	**3.00**	**2.20**

CO-PSO Attainment		
CO\PO	PSO1	PSO2
BEAI&DS302T.1	1.10	0.73
BEAI&DS302T.2	1.10	1.10
BEAI&DS302T.3	1.10	0.73
BEAI&DS302T.4	1.10	0.73
BEAI&DS302T.5	1.07	0.71
BEAI&DS302T	**1.09**	**0.80**

Prof. Roshan R. Kolte

Subject Teacher

Assign/ Tut			
CO3	CO4	CO5	CO6
1.00	1.00	1.00	____

Internal Assesment Sheet

Program:- B.Tech. Artificial Intelligence and Data Science
Semester / Section :- III Semester B.Tech.
Course / Course Code: Computer Architecture & Orginazation / BEAI&DS303T
Academic Year:- 2024–2025

Assessment Tools	Sessional -1 (20)		Sessional -2 (20)		PUT (70)					Activity (8)	Assign (7)	Uni. Exam
	Q1 or Q2	Q3 or Q4	Q1 or Q2	Q3 or Q4	Q1 or Q2	Q3 or Q4	Q5 or Q6	Q7 or Q8	Q9 or Q10			
Max. Marks	10	10	10	10	14	14	14	14	14	8	7	70
CO Mapped	CO1	CO2	CO3	CO4	CO1	CO2	CO3	CO4	CO5	CO1, CO2, CO3, CO4, CO5	CO1, CO2, CO3, CO4, CO5	CO1, CO2, CO3, CO4, CO5

Sr.No.	University Roll List	Marks Scored											
1	249341	8	3	4	5	1		2	5		7	6	25
2	249342	6	3	5	3	7		7			6	5	36
3	249343	AB	AB	9	6	6	9	4			6	5	16
4	249344	9	7	5	4	13	6	11	11	3	7	6	26
5	249345	AB	AB	AB	AB	2			3	3	7	6	26
6	249346	8	8	8	3	14		13	7		7	6	46
7	249347	6	2	4	4						6	5	16
8	249348	6	5	8	4		7	9	11		6	5	19
9	249349	4	4	5	2	4	6	15	6	1	6	5	22
10	249350	9	7	9	8	14	14	14	13	14	8	7	54
11	249351	7	4	6	3	12	1			7	7	6	39
12	249352	7	4	5	4	13	1		12	7	7	6	42
13	249353	9	8	5	4	14	1	13	6		7	6	44
14	249354	3	2	4	2		2	5	1	2	7	6	35

15	249355	5	1	3	3	8	2	6	6	1	6	5	18
16	249356	AB	AB	AB	AB	6	1	7	6		6	5	18
17	249357	7	4	5	2	8	1	7	6	6	6	5	20
18	249358	4	6	5	4			7	9		7	6	37
19	249359	5		5	1	8	1				6	5	19
20	249360	4	2	6	5	12	2				7	6	56
21	249361	5	2	3	2	4		4			7	6	25
22	249362	AB	AB	AB	AB	1		1	2		7	6	20

23	249363	AB	AB	AB	AB	12	9	4	6		6	5	22
24	249364	7	6	AB	AB	1	3	2	1		7	6	13
25	249365	AB	AB	AB	AB	8	1	4	2	2	6	5	29
26	249366	4	2	4	4	12	1			4	6	5	14
27	249367	5	2	1	4	6	19		2		6	5	23
28	249368	4	3	AB	AB	8	8	11	6	2	7	6	28
29	249369	AB	AB	AB	AB	15	16		1		6	5	23
30	249370	AB	AB	AB	AB	4		2	2		6	5	7
31	249371	6	4		4	7			1		6	5	20
32	249372	8	4	1	6	13	6	7	1		7	6	29
33	249373	4	1	4	1		7	7	14		6	5	19
34	249374	2		6		6	8	6			6	5	29
35	249375	5	2	7	2	7	4				6	5	35
36	249376	AB	AB	AB	AB	12	1	6	2		6	5	21
37	249377	4	5	8	6	AB	AB	AB	AB	AB	7	6	35
38	249378	AB	AB	AB	AB	1	3	3	7		7	6	23
39	249379	8	4	5	5	7	1	6			6	5	21
40	249380	7		9		14		6			6	5	25
41	249381	AB	AB	3	1	4		4	2		6	5	18
42	249382	3	1	5	4	4	6	6	8	2	6	5	12
43	249383	8	7	7	3	6	17				6	5	13
44	249384	7	3	6		9	5				6	5	30
45	249385	8	5	6	5	13	16	18	1		7	6	41
46	249386	2	1	2	4	4	8	4			6	5	3
47	249387	4	3	3	2	1	5	2	4		6	6	6
48	249388	7	8	4		5	2	4	5	2	6	6	19
49	249389	2		AB	AB	4			1	1	6	5	13
50	249390	AB	AB	AB	AB	4			1		6	5	15
51	249391	2		3		6	6		2	1	6	6	22
52	249392			4	2	2	2		2	1	6	6	17
53	249393	AB	AB	3	5		4	7	7		6	6	21

54	249394	4	3	4	2	5	6	6	6	4	6	6	7
55	249395	5	2	AB	AB	1	1	6	6	2	6	6	25
56	249396	2	5	4	1	2	4	5	1		6	5	13
57	249397	1	1	3		2	7		1		6	6	17

58	249398	2	1	7	2	1	1	7	4	1	6	6	26
59	249399	1		3		7	1		1		6	5	10
60	249400	AB	AB	1		6		2		2	6	6	20
61	249401	5		6	1	1	8	6			6	6	16
62	249402	4		AB	AB	1	1	7	1		6	6	22
63	249403	5		6	3	13	7	16	11	7	6	6	23
64	249404	AB	AB	AB	AB	7		8	6	4	6	6	32
65	249405	6	6	7	4	12	8	7	5	7	6	6	31
66	249406	7	2	5	3	7	1				6	6	31
67	249407	AB	AB	3		5		4			6	6	23
68	249408	8	4	8	6	14	12	6	13		7	7	53
69	249409	7	3	3	3	6	7	4			6	6	28
70	249410	2			2	1	2				6	6	14
71	249411	AB	AB			6	6				6	5	1
72	249412	2	3	AB	AB	12	12	12	5		6	6	28
73	249413	7	3	4	3	4		2			6	6	17
74	249414	8	1	6				6	7		6	6	24
75	249415	1		1		AB	AB	AB	AB	AB	6	6	8
76	249416	2		2	1		2	4			6	5	14
	Average =	5.14	3.63	4.79	3.36	6.89	5.42	6.58	4.98	3.58	6.28	5.59	23.53
	Absolute Marks (45%)	4.5	4.5	4.5	4.5	6.3	6.3	6.3	6.3	6.3	3.6	3.2	31.5

Total no. of students	50	41	50	42	60	49	46	47	24	67	67	67
No.of students scoring above absolute marks	30	13	28	9	29	16	20	11	5	67	67	13
% of students scoring above absolute marks	60.00	31.71	56.00	21.43	48.34	32.66	43.48	23.41	0..00	100.00	100.00	19.41
CO Attainment	2.50	1.00	2.10	1.00	1.33	1.00	1.00	1.00	0.00	3.00	3.00	1.00

L1 :	45				45 % students scoring more than absolute marks	1
L2 :	55				55 % students scoring more than absolute marks	2
L3 :	65				65 % students scoring more than absolute marks	3

Internal CO Attainment =	Sessional -1		Sessional -2		PUT					Activity							
	CO1	CO2	CO3	CO4	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2
	2.50	1.00	2.10	1.00	1.33	1.00	1.00	1.00	0.00	3.00	3.00	3.00	3.00	3.00	____	1.00	1.00

CO Attainment					
	CO1	CO2	CO3	CO4	CO5
Internal CO Attainment	1.96	1.50	1.78	1.50	1.33
University CO Attainment	1.00	1.00	1.00	1.00	1.00
Actual CO Attaiment = 80% UCOA + 20% ICOA	1.19	1.10	1.16	1.10	1.07

Consoliated CO attainment of the subject	1.12

CO-PO Mapping & extent of corelation												
CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
BEAI&DS303T.1	3	2	1	1	2					1	1	2
BEAI&DS303T.2	3	2	1		1							1
BEAI&DS303T.3	3	2	2	1	1							2
BEAI&DS303T.4	3	2	1	1	2							
BEAI&DS303T.5	3	2	2	1	1							1
BEAI&DS303T	3.00	2.00	1.40	0.80	1.40	0.00	0.00	0.00	0.00	0.20	0.20	1.20

PO attainment through CO													
CO\PO	ttainmer	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO09	PO10	PO11	PO12
BEAI&DS303T.1	1.19	1.19	0.79	0.40	0.40	0.79	0.00	0.00	0.00	0.00	0.40	0.40	0.79
BEAI&DS303T.2	1.10	1.10	0.73	1.91	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.37
BEAI&DS303T.3	1.16	1.16	0.77	2.84	0.39	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.77
BEAI&DS303T.4	1.10	1.10	0.73	1.94	0.37	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEAI&DS303T.5	1.07	1.07	0.71	2.87	0.36	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.36

| BEAI&DS303T | Average | 1.12 | 0.75 | 1.99 | 0.30 | 0.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.08 | 0.46 |

CO-PSO Correlation		
CO\PO	PSO1	PSO2
BEAI&DS303T.1	3	2
BEAI&DS303T.2	3	2
BEAI&DS303T.3	3	2
BEAI&DS303T.4	3	2
BEAI&DS303T.5	3	2
BEAI&DS303T	3.00	2.00

CO-PSO Attainment		
CO\PO	PSO1	PSO2
BEAI&DS303T.1	1.19	0.79
BEAI&DS303T.2	1.10	0.73
BEAI&DS303T.3	1.16	0.77
BEAI&DS303T.4	1.10	0.73
BEAI&DS303T.5	1.07	0.71
BEAI&DS303T	1.12	0.75

Prof. Roshan R. Kolte
Subject Teacher

Assign/ Tut			
CO3	CO4	CO5	CO6
1.00	1.00	1.00	____

Internal Assesment Sheet

Program:- B.Tech. Artificial Intelligence and Data Science

Semester / Section :- III Semester B.Tech.

Course / Course Code: Data Structure / BEAI &DS304T

Academic Year:- 2024–2025

		20		20		70					Activity (8)	Assign (7)	Uni. Exam
	Assessment Tools	Sessional -1		Sessional -2		PUT							
		Q1 or Q2	Q3 or Q4	Q1 or Q2	Q3 or Q4	Q1 or Q2	Q3 or Q4	Q5 or Q6	Q7 or Q8	Q9 or Q10			
	Max. Marks	10	10	10	10	14	14	14	14	14	8	7	70
	CO Mapped	CO1	CO2	CO3	CO4	CO1	CO2	CO3	CO4	CO5	CO1, CO2, CO3, CO4, CO5	CO1, CO2, CO3, CO4, CO5	CO1, CO2, CO3, CO4, CO5
Sr.No.	University Roll List	Marks Scored											
1	249341	9	2	1	3	1	3		2	1	7	6	28
2	249342	9	7	2	1	2			2	13	6	5	62
3	249343	9	4	2	6	7	7		1	3	6	5	21
4	249344	7	4	7	7	2	12	2	7	1	7	6	45
5	249345	AB	AB	AB	AB	AB	AB	AB	AB	AB	7	6	26
6	249346	9		1	1			7	5	8	7	6	50
7	249347	5	4	1		1	1			3	6	5	3
8	249348	7	5	2	5	2			6	12	6	5	19
9	249349	9	4	1	1	1	13	6	1	4	6	5	25
10	249350	9	1	7	6	14	14	12	14	12	8	7	47
11	249351	7	8	2	5	7	1		4	1	7	6	45
12	249352	1	6	2	4	14	14	12	13	9	7	6	AA
13	249353	1	9	1	3	14	14	13	11	12	7	6	59
14	249354	5	8	1	5	6	9	2	3	6	7	6	28

#	ID												
15	249355	6	8	1	2	7	1		1	3	6	5	30
16	249356	AB	AB	AB	AB	2	3		3	2	6	5	36
17	249357	7	4	5			4	3	1	2	6	5	21
18	249358	9	8	2	6	5	7		7		7	6	44
19	249359	9		5	1	7	14		7		6	5	19
20	249360	9	8	4	9	6	5	4	7	3	7	6	37
21	249361	5		3	5	14	5	7			7	6	45
22	249362	AB	AB	AB	AB	1	9		2	1	7	6	28

23	249363	AB	AB	AB	AB	2	12	4	5	2		6	5	33
24	249364	5	6	1	2	14	7	9	7			7	6	29
25	249365	AB	AB	AB	AB	1	11		1			6	5	36
26	249366	4	8		8	AB	AB	AB	AB	AB		6	5	20
27	249367	6	6	1		4	5	2	2	3		6	5	45
28	249368	8	6	AB	AB	1	1	12	7	1		7	6	35
29	249369	AB	AB	AB	AB	7	12	1	2	6		6	5	27
30	249370	AB	AB	AB	AB	1	7		1			6	5	17
31	249371	1	4	1	2	2	1	6	1			6	5	47
32	249372	9	8	2	6	2	8	2	9	3		7	6	46
33	249373	4	8	7		7	6		7	1		6	5	24
34	249374	AB	AB	1	5	7	6	2	3			6	5	25
35	249375	9		5	6	1	1	1				6	5	31
36	249376	AB	AB	AB	AB	1	11	1	1	1		6	5	34
37	249377	7			2		2		3	1		7	6	30
38	249378	AB	AB	AB	AB	6	7					7	6	35
39	249379	5	6	1	1	AB	AB	AB	AB	AB		6	5	26
40	249380	4		1		3	7		5			6	5	35
41	249381	3	3	5		7	14		13	7		6	5	25
42	249382	6	5				1		3			6	5	31
43	249383	8		5		6	2	2	2			6	5	35
44	249384	9	2	1	6	7	14	3	2	1		6	5	38
45	249385	9	7	2	7	7	4	1	1	2		7	6	45
46	249386	3	3				2			2		6	5	1
47	249387	4	9	7	5		14	2	6			6	6	37
48	249388	4	4	1	6	8	13	7	1			6	6	20
49	249389	2		5	1		2	1	2			6	5	5
50	249390	AB	AB	1		AB	AB	AB	AB	AB		6	5	58
51	249391	3	3				1		3	4		6	6	45
52	249392	4		7		1		1	2			6	6	28
53	249393	AB	AB	7	5	4	8		7	3		6	6	32

54	249394	7	4	9	4	1	7	1	3		6	6	26
55	249395	7	8	8	1	2		1			6	6	52
56	249396	4	6	2	5		2		6	3	6	5	21
57	249397		4				1			4	6	6	24

#	Roll No.	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12
58	249398	3	6		1		2		5	4	6	6	40
59	249399	3	6			2	2		2		6	5	11
60	249400	AB	AB			1			5	1	6	6	27
61	249401	2	4			AB	AB	AB	AB	AB	6	6	21
62	249402		8	AB	AB	7	7	5	7	5	6	6	33
63	249403		8	2		2	1		1	1	6	6	33
64	249404	AB	AB	AB	AB		1	1	4	6	6	6	AA
65	249405	8	6	8		1	1	1	1		6	6	43
66	249406	5	6				1		2		6	6	25
67	249407	4		1		2		2	1		6	6	17
68	249408	8	8	5	3	4	2	5	3	2	7	7	62
69	249409	5	6	5	1		2			2	6	6	38
70	249410	AB	AB	1			11		3		6	6	29
71	249411			1			1				6	5	6
72	249412	AB	AB	AB	AB		1	1	14	14	6	6	49
73	249413	4	8	7	5		8				6	6	25
74	249414	5	9	6		3	8		2		6	6	47
75	249415		6	2		3	1				6	6	16
76	249416		7		1	1				5	6	5	29
	Average =	5.84	5.67	3.20	4.09	4.69	6.18	4.12	4.18	4.03	6.30	5.55	31.78
	Absolute Marks (45%)	4.5	4.5	4.5	4.5	6.3	6.3	6.3	6.3	6.3	3.6	3.2	31.5

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12
Total no. of students	50	43	44	35	49	55	33	55	39	67	67	65
No.of students scoring above	32	27	15	19	17	26	8	14	7	67	67	31
% of students scoring above absolute marks	64.00	62.80	34.10	54.29	34.70	47.28	24.25	25.46	0..00	100.00	100.00	47.70
CO Attainment	2.90	2.78	1.00	1.93	1.00	1.23	1.00	1.00	0.00	3.00	3.00	1.27

L1 :	45				45 % students scoring more than absolute marks	1
L2 :	55				55 % students scoring more than absolute marks	2
L3 :	65				65 % students scoring more than absolute marks	3

Internal CO Attainment =	Sessional -1				Sessional -2				PUT					Activity						Assign		
	CO1	CO2	CO3	CO4	CO1	CO2	CO3	CO4	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2	CO3
	2.90	2.78	1.00	1.93	1.00	1.23	1.00	1.00	0.00	3.00	3.00	3.00	3.00	3.00					____	1.27	1.27	1.27

CO Attainment				
	CO1	CO2	CO3	CO4	CO5
Internal CO Attainment	2.04	2.07	1.57	1.80	1.42
University CO Attainment	1.27	1.27	1.27	1.27	1.27
Actual CO Attaiment = 80% UCOA + 20% ICOA	**1.42**	**1.43**	**1.33**	**1.38**	**1.30**

Consoliated CO attainment of the subject	1.37

CO-PO Mapping & extent of corelation												
CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
BEAI &DS304T.1	3	2	2	1	1					1		1
BEAI &DS304T.2	3	2	1		1					1		
BEAI &DS304T.3	3	2	1	2	2					1		1
BEAI &DS304T.4	3	2	2	1	2				1	1		2
BEAI &DS304T.5	3	2	3	2	2							1
BEAI &DS304T	**3.00**	**2.00**	**1.80**	**1.20**	**1.60**	**0.00**	**0.00**	**0.00**	**0.20**	**0.80**	**0.00**	**1.00**

PO attainment through CO													
CO\PO	ttainmer	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO09	PO10	PO11	PO12
BEAI &DS304T.1	**1.42**	1.42	0.95	0.95	0.47	0.47	0.00	0.00	0.00	0.00	0.47	0.00	0.47
BEAI &DS304T.2	**1.43**	1.43	0.95	1.91	0.00	0.48	0.00	0.00	0.00	0.00	0.48	0.00	0.00
BEAI &DS304T.3	**1.33**	1.33	0.89	2.84	0.89	0.89	0.00	0.00	0.00	0.00	0.44	0.00	0.44
BEAI &DS304T.4	**1.38**	1.38	0.92	1.94	0.46	0.92	0.00	0.00	0.00	0.46	0.46	0.00	0.92
BEAI &DS304T.5	**1.30**	1.30	0.87	2.87	0.87	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.43

| BEAI &DS304T | Average | 1.37 | 0.91 | 2.10 | 0.54 | 0.72 | 0.00 | 0.00 | 0.00 | 0.09 | 0.37 | 0.00 | 0.45 |

CO-PSO Correlation		
CO\PO	PSO1	PSO2
BEAI &DS304T.1	3	2
BEAI &DS304T.2	3	2
BEAI &DS304T.3	3	2
BEAI &DS304T.4	3	2
BEAI &DS304T.5	3	2
BEAI &DS304T	3.00	2.00

CO-PSO Attainment		
CO\PO	PSO1	PSO2
BEAI &DS304T.1	1.42	0.95
BEAI &DS304T.2	1.43	0.95
BEAI &DS304T.3	1.33	0.89
BEAI &DS304T.4	1.38	0.92
BEAI &DS304T.5	1.30	0.87
BEAI &DS304T	1.37	0.91

Prof. Roshan R. Kolte

Subject Teacher

n/ Tut		
CO4	**CO5**	**CO6**
1.27	1.27	____

Internal Assesment Sheet

Program:- B.Tech. Artificial Intelligence and Data Science

Semester / Section :- III Semester B.Tech.

Course / Course Code: Digital Circuits and Fundamentral of Microprocessor / BEAI&DS305T

Academic Year:- 2024–2025

		20		20		70					Activity (8)	Assign (7)	Uni. Exam
	Assessment Tools	Sessional -1		Sessional -1		PUT							
		Q1 or Q2	Q3 or Q4	Q1 or Q2	Q3 or Q4	Q1 or Q2	Q3 or Q4	Q5 or Q6	Q7 or Q8	Q9 or Q10			
	Max. Marks	10	10	10	10	14	14	14	14	14	8	7	70
	CO Mapped	CO1	CO2	CO3	CO4	CO1	CO2	CO3	CO4	CO5	CO1, CO2, CO3, CO4, CO5	CO1, CO2, CO3, CO4, CO5	CO1, CO2, CO3, CO4, CO5
Sr.No.	**University Roll List**							Marks Scored					
1	249341	1	5	5	2		7	4			7	6	10
2	249342	1	5		5	14	14	13	13		6	5	41
3	249343	1	6	5	8	7	14	13	6	7	6	5	23
4	249344	1	1	5	1	7	14	11	13	4	7	6	28
5	249345	AB	AB	AB	AB	AB	AB	AB	AB	AB	7	6	24
6	249346	1	5	5	7	7	7	11	7	8	7	6	38
7	249347	AB	AB	1	8	6		4	2		6	5	11
8	249348	1	5	6	5	7	14	11	7		6	5	23
9	249349	8		5	8	6	8	1	4	6	6	5	34
10	249350	8	1	1	8	14	14	14	14	8	8	7	34
11	249351	1	1	5	9	14	7	7		8	7	6	17
12	249352	1	8	5	9	14	14	14	13	3	7	6	22
13	249353	1	1	5	9	14	14	9	9		7	6	20
14	249354	1	5	5	5	14	14	14		5	7	6	29

15	249355	1	8	1	9	14	14	11	7	2	6	5	13
16	249356	AB	AB	AB	AB	AB	AB	AB	AB	AB	6	5	22
17	249357	1	7	5	7	14	14	1	11	12	6	5	17
18	249358	1	5	1	1	14	7	11			7	6	34
19	249359	5		7	1	14	7	7	7		6	5	12
20	249360	1	8	5	1	7	9	13	14	3	7	6	11
21	249361	1	5	1	1	14	14	11	7		7	6	14
22	249362	AB	AB	AB	AB		7				7	6	15

23	249363	AB	AB	AB	AB	6		6	8	4	6	5	26
24	249364	1	9	1	7	14	14	7	7	6	7	6	23
25	249365	AB	AB	AB	AB			14	1	7	6	5	9
26	249366			2	4	7	7	1	3		6	5	13
27	249367		7	5	5	14	7	11	1		6	5	6
28	249368	9	5	AB	AB	7	14	11	7	11	7	6	24
29	249369	AB	AB	AB	AB	6	7			4	6	5	19
30	249370	AB	AB	AB	AB		2		1	4	6	5	20
31	249371	1		5	9	14	14	7	6	4	6	5	26
32	249372	5		3	5	14	14	4	5		7	6	25
33	249373	8	5	5	8		14	7			6	5	20
34	249374	2		3	5	7	14	7			6	5	19
35	249375	1	3	1	5	14	14	7			6	5	25
36	249376	AB	AB	AB	AB				2	4	6	5	34
37	249377	5	5	1	5		14	7			7	6	21
38	249378	AB	AB	AB	AB	4		8			7	6	15
39	249379	4	1	1	7	AB	AB	AB	AB	AB	6	5	15
40	249380	1	4		4	7	14	7			6	5	319
41	249381	5	5	5		7	14	7	7		6	5	14
42	249382		4	5	4	14	14	3	7	3	6	5	28
43	249383	5	5	4	7	14	4	4	4		6	5	13
44	249384	1	1	5	8	14	1	4	4		6	5	16
45	249385	1	8	5	8	14	7	13	7	4	7	6	19
46	249386	1	5	5	5	14	14	7	7		6	5	5
47	249387	5		1	5	AB	AB	AB	AB	AB	6	6	11
48	249388	1	1	1	7	14	14	13			6	6	11
49	249389	AB	AB	5	5	14	14	7			6	5	12
50	249390	AB	AB	5	5	AB	AB	AB	AB	AB	6	5	11
51	249391			1	1	6	14	7	7		6	6	23
52	249392		5	1	5		14			2	6	6	15
53	249393	AB	AB	AB	AB	14	14	7	7	7	6	6	28

54	249394	1	5	AB	AB	7	14	7	7	3	6	6	29
55	249395	8	5	5	5	14	14	7	7		6	6	34
56	249396			5	5			2	1	1	6	5	16
57	249397	AB	AB	5	5	7	1			8	6	6	17

58	249398	1	4	5	5	7	14		7	4	6	6	28
59	249399	AB	AB						5	4	6	5	19
60	249400	AB	AB			4	1			4	6	6	3
61	249401	1			7	7	14				6	6	15
62	249402	1	1	5		14	14	3	7		6	6	22
63	249403		4	5	7		14	3			6	6	14
64	249404	AB	AB	AB	AB	1	7	4	3		6	6	11
65	249405	1		1		14	14	11	7		6	6	25
66	249406	5	5	5	7	AB	AB	AB	AB	AB	6	6	15
67	249407	AB	AB	AB	AB	AB	AB	AB	AB	AB	6	6	16
68	249408	1	1	1	1	14	14	13	1	5	7	7	58
69	249409	5	5	5	7	7	7	7	7		6	6	24
70	249410	1	1	5	5		14	7	7		6	6	16
71	249411	AB	AB	5	5			14			6	5	12
72	249412	AB	AB	AB	AB	6	14	7	7	7	6	6	31
73	249413	1	1	5	1	7	14	7	7	6	6	6	18
74	249414	5	5	5	1	7	14	7	3		6	6	24
75	249415	AB	AB	5		AB	AB	AB	AB	AB	6	6	16
76	249416	AB	AB	5	3	AB	AB	AB	AB	AB	6	5	22
	Average =	2.62	4.55	3.73	5.60	10.51	11.19	7.86	6.56	0.00	6.30	5.55	24.19
	Absolute Marks (45%)	4.5	4.5	4.5	4.5	6.3	6.3	6.3	6.3	6.3	3.6	3.2	31.5

Total no. of students	42	38	48	48	49	53	50	41	29	67	67	67
No.of students scoring above absolute marks	12	25	30	38	41	48	36	26	9	67	67	8
% of students scoring above absolute marks	28.58	65.79	62.50	79.17	83.68	90.57	72.00	63.42	0..00	100.00	100.00	11.95
CO Attainment	1.00	3.00	2.75	3.00	3.00	3.00	3.00	2.84	0.00	3.00	3.00	1.00

L1 :	45				45 % students scoring more than absolute marks			1
L2 :	55				55 % students scoring more than absolute marks			2
L3 :	65				65 % students scoring more than absolute marks			3

Internal CO Attainment =	Sessional -1		Sessional -2		PUT					Activity						Assign		
	CO1	CO2	CO3	CO4	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2	CO3
	1.00	3.00	2.75	3.00	3.00	3.00	3.00	2.84	0.00	3.00	3.00	3.00	3.00	3.00	____	1.00	1.00	1.00

	CO Attainment				
	CO1	CO2	CO3	CO4	CO5
Internal CO Attainment	2.00	2.50	2.44	2.46	1.33
University CO Attainment	1.00	1.00	1.00	1.00	1.00
Actual CO Attaiment = 80% UCOA + 20% ICOA	1.20	1.30	1.29	1.29	1.07

Consoliated CO attainment of the subject	1.23

CO-PO Mapping & extent of corelation												
CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
BEAI&DS305T.1	3	2	2	1	2					1		2
BEAI&DS305T.2	3	2	3	2	2					1		1
BEAI&DS305T.3	3	2	3	2	2				2	2	1	2
BEAI&DS305T.4	3	2	1	1	2							1
BEAI&DS305T.5	3	2	2	1	1							1
BEAI&DS305T	3.00	2.00	2.20	1.40	1.80	0.00	0.00	0.00	0.40	0.80	0.20	1.40

PO attainment through CO												
CO\PO	ttainmer	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO09	PO10	PO11	PO12

BEAI&DS305T.1	**1.20**	1.20	0.80	0.80	0.40	0.80	0.00	0.00	0.00	0.00	0.40	0.00	0.80
BEAI&DS305T.2	**1.30**	1.30	0.87	1.91	0.87	0.87	0.00	0.00	0.00	0.00	0.43	0.00	0.43
BEAI&DS305T.3	**1.29**	1.29	0.86	2.84	0.86	0.86	0.00	0.00	0.00	0.86	0.86	0.43	0.86
BEAI&DS305T.4	**1.29**	1.29	0.86	1.94	0.43	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.43
BEAI&DS305T.5	**1.07**	1.07	0.71	2.87	0.36	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.36
BEAI&DS305T	**Average**	**1.23**	**0.82**	**2.07**	**0.58**	**0.75**	**0.00**	**0.00**	**0.00**	**0.17**	**0.34**	**0.09**	**0.58**

CO-PSO Correlation		
CO\PO	PSO1	PSO2
BEAI&DS305T.1	3	2
BEAI&DS305T.2	3	2
BEAI&DS305T.3	3	2
BEAI&DS305T.4	3	2
BEAI&DS305T.5	3	2
BEAI&DS305T	**3.00**	**2.00**

CO-PSO Attainment		
CO\PO	PSO1	PSO2
BEAI&DS305T.1	1.20	0.00
BEAI&DS305T.2	1.30	0.87
BEAI&DS305T.3	1.29	0.86
BEAI&DS305T.4	1.29	0.86
BEAI&DS305T.5	1.07	0.71
BEAI&DS305T	**1.23**	**0.66**

Prof. Roshan R. Kolte

Subject Teacher

n/ Tut		
CO4	CO5	CO6
1.00	1.00	____

Internal Assesment Sheet

Program:- B.Tech. Artificial Intelligence and Data Science
Semester / Section :- III Semester B.Tech.
Course / Course Code: Univarsal Human Values / BEAI&DS307T
Academic Year:- 2024–2025

Assessment Tools	20		20		35					Activity (8)	Assign (7)	Uni. Exam
	Sessional -1		Sessional -2		PUT							
	Q1 or Q2	Q3 or Q4	Q1 or Q2	Q3 or Q4	Q1 or Q2	Q3 or Q4	Q5 or Q6	Q7 or Q8	Q9 or Q10			
Max. Marks	10	10	10	10	14	14	14	14	___	8	7	35
CO Mapped	CO1	CO2	CO3	CO4	CO1	CO2	CO3	CO4	___	CO1, CO2, CO3, CO4	CO1, CO2, CO3, CO4	CO1, CO2, CO3, CO4

Sr.No.	University Roll List	Marks Scored											
1	249341	4	2	5	5	4			3	___	7	6	18
2	249342	2	4	4	3	3	4			___	6	5	16
3	249343	5	6	8	7	5	4	6	2	___	6	5	11
4	249344	1	1	5	2	3	4			___	7	6	16
5	249345	AB	AB	AB	AB	4	4			___	7	6	19
6	249346	7	2	8	4	9	6	4	1	___	7	6	22
7	249347	AB	AB	3		5			4	___	6	5	3
8	249348	1	1	4	5	8	4			___	6	5	14
9	249349	4	1	3	4	4	4			___	6	5	9
10	249350	2	2	6	5	8	5	4	4	___	8	7	25
11	249351	5	4	1	8	2	5	4	4	___	7	6	18
12	249352	1	1	7	6	4	5	4	2	___	7	6	21
13	249353	9	7	9	9	9	4	5	3	___	7	6	21
14	249354	4	4	5	2	5	4	4	5	___	7	6	29

15	249355	2	2	5	2	9	8	2	4	___	6	5	11
16	249356	AB	AB	AB	AB	AB	AB	AB	AB	___	6	5	7
17	249357	1	1	4	1	3	2			___	6	5	7
18	249358	6	6	6	9	7				___	7	6	22
19	249359	5	1	6		7	4		1	___	6	5	13
20	249360	3	2	2	3	7				___	7	6	19
21	249361	7		5	3	8	3		1	___	7	6	17
22	249362	AB	AB	AB	AB	3		1	1	___	7	6	17

#	ID												
23	249363	AB	AB	AB	AB	4	2			___	6	5	11
24	249364	5	3	5		7	4			___	7	6	19
25	249365	AB	AB	AB	AB	5	3			___	6	5	6
26	249366	1			1	3	2			___	6	5	6
27	249367	1		4	1	9	5			___	6	5	9
28	249368	1	1	AB	AB	4	6	1		___	7	6	17
29	249369	AB	AB	AB	AB	3	2	1		___	6	5	7
30	249370	AB	AB	AB	AB	3				___	6	5	10
31	249371	4	3	4	2	4	6	3	2	___	6	5	12
32	249372	2	2	4	5	9	6	5	2	___	7	6	20
33	249373	6	1	3	7	2	3	1		___	6	5	13
34	249374	1	2	3	5	2	5			___	6	5	17
35	249375	1	1	1	4	6				___	6	5	12
36	249376	AB	AB	AB	AB	3				___	6	5	13
37	249377		2	5	2	5	3			___	7	6	21
38	249378	AB	AB	AB	AB	5	1	2		___	7	6	19
39	249379	2		9	7	2				___	6	5	12
40	249380	1		4	4	7				___	6	5	10
41	249381			5		4		1		___	6	5	7
42	249382	1	1	4	2	2		1	1	___	6	5	13
43	249383	4		4	2	3	1			___	6	5	12
44	249384	3	3	5	4	9	4	1	2	___	6	5	14
45	249385	1	2	5	5	9	4	1	1	___	7	6	17
46	249386	1	2	2	3	2	2			___	6	5	4
47	249387	4	2	3	3	1				___	6	6	10
48	249388	3	6	7	4	4	2	2		___	6	6	11
49	249389	AB	AB		4		2	1	1	___	6	5	7
50	249390	AB	AB	AB	AB	3				___	6	5	4
51	249391		1	5	1	4				___	6	6	11
52	249392		2	3	4					___	6	6	10
53	249393	AB	AB	5	3	8	7			___	6	6	11

54	249394		1	7	4	6	4			___	6	6	10
55	249395	1	3	4	4	4	1	1	1	___	6	6	14
56	249396	2	2	6	2	5	3			___	6	5	4
57	249397	AB	AB	1	1					___	6	6	12

No.	ID	C1	C2	C3	C4	C5	C6	C7	C8				
58	249398			3	1	2	1	1		___	6	6	17
59	249399	1		2		3	2		4	___	6	5	7
60	249400	AB	AB	2	5	3	2			___	6	6	8
61	249401	1	1	1	5	4	4		1	___	6	6	11
62	249402			AB	AB	4	2		4	___	6	6	9
63	249403			6	1	3	1			___	6	6	14
64	249404	AB	AB	AB	AB	1	2			___	6	6	12
65	249405	1		6	7	5	2			___	6	6	17
66	249406	1	1	6	3	4	3			___	6	6	12
67	249407	AB	AB			4	4			___	6	6	10
68	249408	5	6	8	9	8	7		2	___	7	7	25
69	249409	4	4	8	2	1	6	4		___	6	6	15
70	249410			2		4	3			___	6	6	9
71	249411				2					___	6	5	5
72	249412	AB	AB	AB	AB	6	5	5		___	6	6	15
73	249413			2						___	6	6	9
74	249414		2	9		5				___	6	6	13
75	249415	AB	AB	3	2	2				___	6	6	11
76	249416	AB	AB	2	2	1	1	1	4	___	6	5	6
	Average =	2.89	2.46	4.51	3.84	4.71	3.48	2.43	2.35	___	6.28	5.59	13.09
	Absolute Marks (45%)	4.5	4.5	4.5	4.5	6.3	6.3	6.3	6.3	___	3.6	3.2	15.8

	C1	C2	C3	C4	C5	C6	C7	C8				
Total no. of students	44	41	51	49	63	48	23	23	___	67	67	67
No.of students scoring above	10	5	26	16	16	2	0	0	___	67	67	23
% of students scoring above	22.73	12.20	50.99	32.66	25.40	4.17	0.00	0.00	___	100.00	100.00	34.33
CO Attainment	1.00	1.00	1.60	1.00	1.00	1.00	1.00	1.00	___	3.00	3.00	1.00

L1 :	45				45 % students scoring more than absolute marks	1
L2 :	55				55 % students scoring more than absolute marks	2
L3 :	65				65 % students scoring more than absolute marks	3

Internal CO Attainment =	Sessional -1				Sessional -1				PUT					Activity						Assign		
	CO1	CO2	CO3	CO4	CO1	CO2	CO3	CO4	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2	CO3
	1.00	1.00	1.60	1.00	1.00	1.00	1.00	1.00	___	3.00	3.00	3.00	3.00					___	___	1.00	1.00	1.00

	CO Attainment			
	CO1	CO2	CO3	CO4
Internal CO Attainment	1.50	1.50	1.65	1.50
University CO Attainment	1.00	1.00	1.00	1.00
Actual CO Attaiment = 80% UCOA + 20% ICOA	**1.10**	**1.10**	**1.13**	**1.10**

Consoliated CO attainment of the subject	1.11

CO-PO Mapping & extent of corelation												
CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
BEAI&DS307T.1	1					3	3	2	1	1		
BEAI&DS307T.2	1	2	2			3	3	3	1	1		2
BEAI&DS307T.3	1					3	2	3	2	2		2
BEAI&DS307T.4						3	3	3	2	2	1	2
BEAI&DS307T	0.60	0.40	0.40	0.00	0.00	2.40	2.20	2.20	1.20	1.20	0.20	1.20

PO attainment through CO													
CO\PO	ttainmer	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO09	PO10	PO11	PO12
BEAI&DS307T.1	**1.10**	0.37	0.00	0.00	0.00	0.00	1.10	1.10	0.73	0.37	0.37	0.00	0.00
BEAI&DS307T.2	**1.10**	0.37	0.73	1.91	0.00	0.00	1.10	1.10	1.10	0.37	0.37	0.00	0.73
BEAI&DS307T.3	**1.13**	0.38	0.00	2.84	0.00	0.00	1.13	0.75	1.13	0.75	0.75	0.00	0.75
BEAI&DS307T.4	**1.10**	0.00	0.00	1.94	0.00	0.00	1.10	1.10	1.10	0.73	0.73	0.37	0.73
BEAI&DS307T	Average	0.28	0.18	1.67	0.00	0.00	1.11	1.01	1.02	0.55	0.55	0.09	0.55

CO-PSO Correlation		
CO\PO	PSO1	PSO2
BEAI&DS307T.1	3	3
BEAI&DS307T.2	2	3
BEAI&DS307T.3	3	2
BEAI&DS307T.4	2	3
BEAI&DS307T	**2.00**	**2.20**

CO-PSO Attainment		
CO\PO	PSO1	PSO2
BEAI&DS307T.1	1.10	1.10
BEAI&DS307T.2	0.73	1.10
BEAI&DS307T.3	1.13	0.75
BEAI&DS307T.4	0.73	1.10
BEAI&DS307T	**0.74**	**0.81**

Prof. P.C. Patil

Subject Teacher

n/ Tut		
CO4	**CO5**	**CO6**
1.00	___	___