

**2024-25****CO-PO-PSO Attainment:****CO-PO Mapping (For All Courses)**

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C301	3.00	3.00	-	3.00	-	-	-	-	-	-	-	1.00
C302	2.00	2.00	2.00	3.00	1.00	-	-	-	-	-	-	1.00
C303	2.00	3.00	2.00	1.00	2.00	2.00	---	---	---	2.00	---	2.00
C304	2.00	1.00	2.00	1.00	2.00	1.00	2.00	1.00	2.50	1.00	2.00	2.00
C304P	3.00	2.00	2.00	2.00	2.00	2.00	2.00	3.00	3.00	3.00	2.00	3.00
C305	1.00	2.00	-	2.00	3.00	-	-	-	2.00	-	-	2.00
C305P	1.00	2.00	-	2.00	3.00	-	-	-	2.00	-	-	2.00
C306P	2.00	2.00	1.00	1.00	3.00	-	-	1.00	1.00	-	1.00	2.00
C307	2.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	2.00	2.00	-	1.00
C401	3.00	3.00	2.00	3.00	1.00	-	-	-	1.00	2.00	-	-
C402	3.00	3.00	3.00	3.00	-	-	-	-	-	-	3.00	-
C403	3.00	3.00	2.00	2.00	-	2.00	1.00	-	1.00	-	-	1.00
C403P	3.00	2.00	-	-	-	-	-	-	1.00	-	-	-
C404	2.00	2.00	1.00	-	2.00	1.00	1.00	1.00	2.00	1.00	1.00	3.00
C404P	3.00	3.00	2.00	1.00	2.00	3.00	2.00	2.00	3.00	2.00	2.00	3.00
C405	3.00	2.83	2.00	3.00	-	-	1.00	-	-	-	-	2.00
C405P	3.00	2.00	1.00	2.00	1.00	-	1.00	-	-	1.00	-	1.00
C406	-	-	1.00	-	-	-	1.00	2.00	1.00	1.00	-	1.00
C407	2.00	2.00	2.00	1.00	2.00	1.00	1.00		2.00	2.00	3.00	2.00
C501	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00
C502	2.00	2.00	1.00	1.00	1.00	-	-	1.00	-	1.00	1.00	1.00
C503	3.00	1.00	-	-	1.00	-	-	-	1.00	-	-	1.00
C504	3.00	3.00	3.00	3.00	2.00	1.00	1.00	1.00	1.00	-	1.00	1.00
C504P	3.00	3.00	3.00	2.00	-	1.00	1.00	-	3.00	1.00	-	2.00
C505	2.00	1.00	1.00	2.00	2.00	2.00	1.00	-	1.00	1.00	1.00	2.00
C505P	3.00	2.00	1.00	1.00	1.00	1.00	-	-	1.00	-	1.00	1.00
C506P	3.00	1.00	1.00	-	1.00	2.00	1.00	2.00	1.00	-	1.00	3.00
C507	2.00	1.00	-	1.00	2.00	1.00	1.00	1.00	2.00	3.00	3.00	2.00
C601	3.00	3.00	3.00	3.00	-	3.00	2.00	-	-	-	1.00	1.00
C602	1.00	2.00	1.00	1.00	1.00	-	2.00	-	-	1.00	-	1.00
C603	3.00	3.00	1.00	-	-	-	-	-	1.00	1.00	1.00	1.00
C604	3.00	3.00	2.00	3.00	2.00	2.00	2.00	2.00	1.00	2.00	1.00	2.50
C604P	3.00	1.00	2.00	1.00	3.00	1.00	1.00	1.00	1.00	-	2.00	2.00
C605	2.00	2.00	1.00	2.00	1.00	1.00	1.00	1.00	-	-	-	1.00
C605P	2.00	3.00	2.00	3.00	2.00	1.00	-	1.00	-	1.00	1.00	1.00
C606	-	-	-	-	-	-	-	-	2.00	1.00	-	3.00
C607P	3.00	2.00	1.00	-	3.00	-	-	-	3.00	1.00	1.00	2.00
C608P	2.00	2.00	2.00	1.00	2.00	1.00	1.00		2.00	2.00	3.00	2.00
C701T2	3.00	2.60	2.00	1.00	2.17	2.00	1.00	-	-	1.20	-	1.67
C701P2	3.00	1.00	1.00	1.00	-	1.00	2.00	-	-	-	-	1.00
C702T	2.00	1.00	1.00	1.33	---	1.00	2.00	1.00	---	---	1.17	1.00
C703T	3.00	2.00	2.00	3.00	2.00	2.00	1.00	0.00	0.00	1.00	0.00	1.00
C704T	3.00	3.00	3.00	3.00	-	-	1.00	-	-	-	-	2.00

C705P	3.00	3.00	3.00	3.00	---	2.00	1.00	1.00	2.00	2.00	2.00	3.00
C706P	2.00	2.00	2.00	1.67	1.00	2.00	1.00	1.00	1.00	1.00	1.50	2.00
C707P	2.00	3.00	1.00	2.75	3.00	-	-	1.00	3.00	2.00	2.00	2.00
C801T	1.00	-	2.00	-	-	1.00	2.00	2.00	-	2.00	2.60	1.00
C802T1	1.00	2.00	2.00	---	2.00	---	---	---	---	---	---	---
C802P1	2.00	2.00	2.00	-	2.00	-	-	-	2.00	-	-	2.00
C802T2	3.00	3.00	2.00	2.67	1.00	-	-	-	-	-	-	2.00
C802P2	3.00	3.00	2.00	2.33	2.00	-	-	-	2.00	-	-	3.00
C803T4	3.00	2.00	---	---	2.00	---	---	---	1.00	---	---	2.00
C804T	3.00	1.00	2.00	1.80	-	1.00	3.00	1.00	-	-	-	2.00
C805P	3.00	1.00	2.00	1.00	-	1.00	2.00	-	-	-	-	2.00
<b>Average</b>	<b>2.65</b>	<b>2.26</b>	<b>2.03</b>	<b>1.94</b>	<b>2.04</b>	<b>1.66</b>	<b>1.56</b>	<b>1.42</b>	<b>1.74</b>	<b>1.72</b>	<b>1.63</b>	<b>1.91</b>

### CO-PO Attainment for 2024-25 (For All Courses)

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C301T	3.00	3.00	-	3.00	-	-	-	-	-	-	-	1.00
C302T	1.28	0.85	0.67	-	0.94	-	-	-	-	-	-	0.70
C303T	2.8	2.84	2.50	1.84	2.00	2.33	-	-	-	2.00	-	2.00
C304T	1.3	0.9	0.80	0.47	1.05	-	-	-	-	0.52	-	0.70
C304P	3.00	2.00	2.00	2.00	2.00	2.00	2.00	3.00	3.00	3.00	2.00	3.00
C305T	1.50	2.00	-	2.00	3.00	-	-	-	2.00	-	-	2.00
C305P	1.50	2.00	-	2.00	3.00	-	-	-	2.00	-	-	2.00
C306P	2.00	2.00	1.50	1.00	3.00	-	-	1.00	1.00	-	1.00	2.00
C401T	3.00	3.00	2.00	3.00	1.33	-	-	-	1.00	2.00	-	-
C402T	3.00	3.00	3.00	3.00	-	-	-	-	-	-	3.00	-
C403T	2.95	1.99	1.94	1.00	2.37	-	-	-	-	1.18	-	1.58
C403P	3.00	2.00	-	-	-	-	-	-	1.00	-	-	-
C404T	1.31	0.88	0.85	0.45	1.06	-	-	-	-	0.52	-	0.71
C404P	3.00	3.00	2.00	1.00	2.00	3.00	2.00	2.00	3.00	2.00	2.00	3.00
C405T	3.00	2.83	2.00	3.00	-	-	1.00	-	-	-	-	2.00
C405P	3.00	2.00	1.00	2.00	1.33	-	1.00	-	-	1.00	-	1.00
C406T	-	-	1.00	-	-	-	1.00	2.00	1.00	1.00	-	1.00
C407T	2.33	2.00	2.50	1.00	2.33	1.67	1.50		2.67	2.67	3.00	2.67
C501T	1.60	1.75	1.50	1.33	1.40	1.25	1.25	1.67	1.60	1.20	1.33	2.67
C502T	2.25	2.00	1.00	1.00	1.00	-	-	1.00	-	1.00	1.00	1.00
C503T	1.44	0.94	0.96	0.46	1.14	-	-	-	-	0.58	-	0.76
C504T	3.00	3.00	3.00	3.00	2.00	1.00	1.50	1.50	1.33	-	1.00	1.17
C504P	3.00	3.00	3.00	2.00	-	1.00	1.00	-	3.00	1.00	-	2.00
C505T	2.00	1.25	1.50	2.75	2.00	2.00	1.00	-	1.00	1.50	1.00	2.00
C505P	3.00	2.00	1.00	1.00	1.00	1.67	-	-	1.00	-	1.00	1.67
C506P	3.00	1.00	1.00	-	1.00	2.00	1.00	2.00	1.33	-	1.00	3.00
C601T	3.00	2.83	3.00	3.00	-	3.00	2.00	-	-	-	1.00	1.00
C602T	1.83	2.00	1.50	1.00	1.33	-	2.00	-	-	1.00	-	1.00
C603T	1.25	0.84	0.80	0.43	1.00	-	-	-	-	0.50	-	0.67
C604T	2.84	1.89	1.90	0.95	2.27	-	-	-	-	1.14	-	1.51
C604P	3.00	1.50	2.00	1.67	3.00	1.33	1.00	1.00	1.67	-	2.00	2.33
C605T	2.81	-	-	0.94	1.87	0.94	-	-	-		-	2.81
C605P	2.33	3.00	2.00	3.00	2.00	1.00	-	1.00	-	1.00	1.00	1.67
C606T	-	-	-	-	-	-	-	-	2.00	1.75	-	3.00
C607P	3.00	2.00	1.00	-	3.00	-	-	-	3.00	1.00	1.00	2.00
C608P	2.33	2.00	2.50	1.00	2.33	1.67	1.50		2.67	2.67	3.00	2.67
C701T2	2.80	2.33	1.90	1.85	2.25	-	-	-	-	-	-	1.49
C701P2	3.00	3.00	1.00	3.00	1.00	3.00	-	-	-	-	-	3.00
C702T	2.1	1.40	1.6	1.33	---	1.67	2.00	1.20	---	---	1.17	1.17
C703T	2.2	1.6	1.45	0.75	1.60	1.50	0.75	-	-	0.9	-	1.24
C704T	1.00	1.00	1.00	1.00	3.00	-	-	-	-	1.00	-	1.00
C705P	3.00	3.00	3.00	3.00	-	-	1.67	-	-	-	-	2.67
C706P	3.00	2.00	-	-	-	-	-	-	1.00	-	-	-
C707P	3.00	3.00	3.00	3.00	---	2.00	1.00	1.00	2.00	2.00	2.00	3.00
C801T	1.42	1.15	0.97	-	-	-	-	-	-	0.95	-	0.77

C802T1	1.60	1.60	-	1.07	1.60	-	-	-	-	-	-	1.60
C802P1	3.00	3.00	1.00	3.00	1.00	3.00	---	---	---	---	---	3.00
C802T2	2.33	2.33	2.50	-	2.33	-	-	-	2.00	-	-	2.00
C802P2	2.91	2.09	1.92	0.97	2.09	1.91	0.96	-	-	1.16	-	1.61
C803T4	3.00	3.00	2.67	2.33	2.00	-	-	-	2.00	-	-	3.00
C804T	3.00	2.83	2.83	1.00	-	1.33	1.33	-	-	-	-	-
C805P	3.00	1.00	2.00	1.67	-	1.67	2.00	-	-	-	-	2.00
Average	2.60	2.21	2.1	1.90	1.91	1.6	1.51	1.39	1.61	1.63	1.5	1.89

### CO-PSO Mapping for 2024-25 (For All Courses)

Course	PSO1	PSO2
C301	2.00	-
C302	2.00	2.00
C303	3.00	1.00
C304	2.00	3.00
C304P	3.00	2.00
C305	3.00	2.00
C305P	3.00	2.00
C306P	3.00	1.00
C307	3.00	3.00
C401	2.00	0
C402	3.00	2.00
C403	3.00	2.00
C403P	3.00	2.00
C404	3.00	2
C404P	3.00	2.00
C405	3.00	1.00
C405P	3.00	2.00
C406	3.00	3
C407	3.00	3
C501	1.00	2.00
C502	3.00	2.00
C503	3.00	2.00
C504	3.00	3.00
C504P	3.00	2.00
C505	3.00	2.40
C505P	2.00	2.00
C506P	3.00	3.00
C507	3.00	3
C601	3.00	3
C602	2.00	2.00
C603	2.00	2.00
C604	2.00	1.00
C604P	2.00	1.00
C605	2.00	2.00
C605P	2.00	2.00
C606	1.00	-
C607P	2.00	2.00
C608P	3.00	3
C701T2	3.00	2.00
C701P2	3.00	2.00
C702T	2.00	1.00
C703T	3.00	2.00
C704T	2.00	3.00
C705P	3.00	2.00
C706P	3.00	3.00
C707P	3.00	3.00
C801T	2.00	1.00

C802T1	3.00	3.00
C802P1	2.00	2.00
C802T2	3.00	2.00
C802P2	3.00	2.00
C803T4	2.00	1.00
C804T	3.00	2.00
C805P	2.00	2.00
<b>Average</b>	<b>2.45</b>	<b>2.05</b>

## CO-PSO Attainment for 2024-25 (For All Courses)

ATTAINMENT 2024-2025		
Course	PSO1	PSO2
C301	3.00	0.0
C302	2.90	2.80
C303	3.00	3.00
C304	3.00	3.00
C304P	3.00	3.00
C305	3.00	3.00
C305P	3.00	3.00
C306P	3.00	3.00
C307	3.00	3.00
C401	3.00	3.00
C402	2.80	2.90
C403	3.00	3.00
C403P	3.00	3.00
C404	3.00	3.00
C404P	3.00	3.00
C405	3.00	3.00
C405P	3.00	3.00
C406	3.00	3.00
C407	3.00	3.00
C501	3.00	3.00
C502	3.00	3.00
C503	2.80	2.80
C504	3.00	3.00
C504P	3.00	3.00
C505	2.81	2.81
C505P	3.00	3.00
C506P	3.00	3.00
C507	3.00	3.00
C601	2.60	3.00
C602	3.00	3.00
C603	3.00	3.00
C604	3.00	3.00
C604P	3.00	3.00
C605	3.00	3.00
C605P	3.00	3.00
C606	3.00	0.0
C607P	3.00	3.00
C608P	3.00	3.00
C701T2	2.80	2.80
C701P2	3.00	3.00
C702T	3.00	3.00
C703T	2.2	2.20
C704T	3.00	3.00
C705P	3.00	3.00
C706P	3.00	3.00
C707P	3.00	3.00

C801T	3.00	3.00
C802T1	3.00	3.00
C802P1	3.00	3.00
C802T2	3.00	3.00
C802P2	3.00	3.00
C803T4	3.00	3.00
C804T	3.00	3.00
C805P	3.00	3.00
Average	2.90	2.85

### CO-PO & CO-PSO Attainment for Practical Courses

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C307	2.67	1.67	1.00	1.00	2.67	1.00	1.00	1.00	2.00	2.33	-	1.67	3.00	3.00
C507	2.33	1.00	-	1.00	2.33	1.67	1.00	1.00	2.00	3.00	3.00	2.33	3.00	3.00
C706	2.00	2.75	1.75	2.75	3.00	-	-	1.25	3.00	2.75	2.00	2.50	3.00	3.00
C407	2.33	2.00	2.50	1.00	2.33	1.67	1.50	-	2.67	2.67	3.00	2.67	3.00	3.00
C608P	2.33	2.00	2.50	1.00	2.33	1.67	1.50	-	2.67	2.67	3.00	2.67	2.80	2.80
C806P	1.00	1.33	1.83	1.67	2.33	0.67	0.50	2.00	3.00	2.50	1.33	2.83	3.00	3.00
Average	2.1	1.9	1.9	1.5	2.4	1.4	1.2	1.4	2.51	2.62	2.42	2.43	2.9	2.9

### Final CO-PO & CO-PSO Attainment

Sr. No.	Asses- sement	courses/ Activities	Assess- ment weightage	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2
1	D	Courses	40%	2.60	2.21	2.1	1.90	1.91	1.6	1.51	1.39	1.61	1.63	1.5	1.89	2.90	2.85
2	D	project	20%	2.1	1.9	1.9	1.5	2.4	1.4	1.2	1.4	2.51	2.62	2.42	2.43	2.9	2.9
3	D	Co/extra- curricular	20%	2.8	2.8	2.8	2.8	2.8	2.5	2.4	2.6	2.6	2.6	2.8	2.8	2.7	2.8
4	ID	Exit Survey	5%	2.00	2.21	2.22	2.24	2.15	2.13	2.27	2.32	2.38	2.26	2.33	2.30	2.22	2.22
5	ID	Alumni Survey	5%	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.65	2.65
6	ID	Parent survey	5%	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1
7	ID	Employer Survey	5%	2.9	2.9	2.9	2.9	2.9	2.9	2.4	2.4	2.4	2.6	2.9	2.9	2.9	2.9
<b>Total 100 % = 40% course + 20% project + 20% extra &amp; co Curricular+ 5% exit survey+ 5% alumni survey+ 5 % parent Survey+ 5% employer Survey</b>				<b>2.5</b>	<b>2.37</b>	<b>2.1</b>	<b>2.12</b>	<b>2.14</b>	<b>1.9</b>	<b>1.91</b>	<b>1.85</b>	<b>2.30</b>	<b>2.45</b>	<b>2.25</b>	<b>2.35</b>	<b>2.8</b>	<b>2.85</b>
<b>Target</b>				<b>2.1</b>	<b>2.1</b>	<b>2.1</b>	<b>2.1</b>	<b>2.1</b>	<b>2.1</b>	<b>2.1</b>	<b>2.1</b>	<b>2.1</b>	<b>2.1</b>	<b>2.1</b>	<b>2.1</b>	<b>2.1</b>	<b>2.1</b>

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2
2024-2025	2.5	2.37	2.1	2.12	2.14	1.9	1.91	1.85	2.30	2.45	2.25	2.35	2.8	2.85
Target	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
2023-2024	2.2	2.3	2.1	2.1	2.1	1.95	1.9	1.8	2.1	2.2	2.1	2.3	2.8	2.85

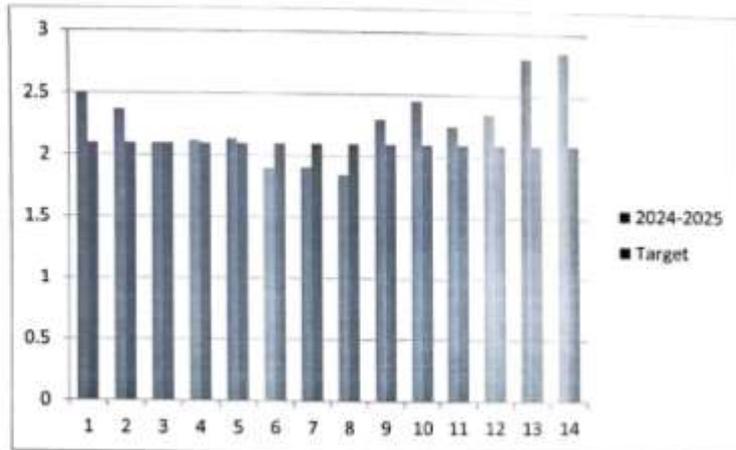


Fig.: Total PO-PSO Attainment

Continuous Improvement:

a) PO/PSO Attainment as Compared to Previous Year

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2
2022-2023	2.3	2.34	2.28	2.12	2.3	1.9	1.8	1.83	2.19	2.2	2.19	2.31	2.84	2.85
2023-2024	2.2	2.3	2.1	2.1	2.1	1.95	1.9	1.8	2.1	2.2	2.1	2.3	2.8	2.85
2024-2025	2.5	2.37	2.1	2.12	2.14	1.9	1.91	1.85	2.30	2.45	2.25	2.35	2.8	2.85

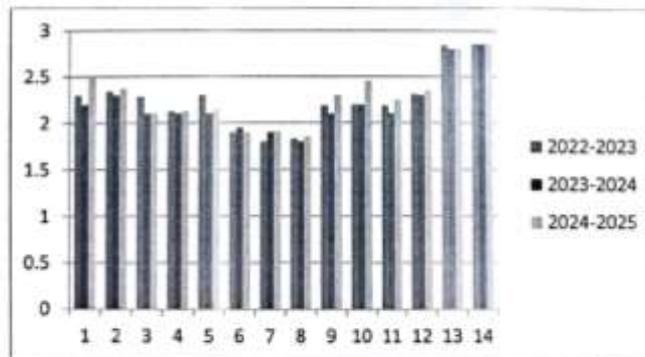
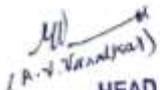


Fig. Comparison of PO-PSO Attainment

  
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