

School Of Pharmacy
(BP702T): Industrial Pharmacy- II (2023-2024)

(ii) CO Mapping with PO's and PSO's

Course Outcome	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	PSO 3	PSO 4
CO1	2	3	1	1	3	3	2	-	2	2	2	3	3	-	1	1
CO2	3	3	3	2	-	3	2	3	2	1	-	2	3	3	2	-
CO3	3	3	3	-	2	-	3	1	3	1	2	1	1	-	3	3
CO4	-	2	2	2	-	3	1	1	3	1	3	2	2	-	3	3
Average	2.00	2.75	2.25	1.25	1.25	2.25	2.00	1.25	2.50	1.25	1.75	2.00	2.25	0.75	2.25	1.75

High- 3
Medium-2
Low- 1

Here in the table, '3' corresponds to a high correlation; '2' corresponds to a medium correlation, and '1' corresponds to a low correlation, between CO and PO/PSO.


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CO- PO Attainment (2023-2024)

CO Attainment Calculations

	Direct Assessment				Indirect Assessment Students/ Faculty/Employer
	Direct Assessment1 (CIA)		Direct Assessment2 (ESE)	Course Exit Survey/Feedback	
	CIA1	CIA2	ESE		
Number of students who have scored more than target(P)	58	55		61	74
Percentage of students who have achieved the target = (P/N)*100	78.37	74.32		82.43	100
Attainment Level (3for>80%,2 for>70%,1 for>60%)	a= 2	b= 2	c= 3	d= 3	
Attainment based on internal assessment (CIA)=Average Of (a and b);	CIA = 2		= 2+2/2		
Direct CO Attainment Level (DA)=40% CIA+60% End- Term(C);	DA = 2.6		= 0.4*2+0.6*3		
Indirect CO Attainment Level (IA)(based on Exit Survey (d);	IA = 3				
80 % of DA	= 2.08		=0.8*2.6		
20 % IA	= 0.6		=0.2*3		
CO Attainment Level (COA)=80% DA+20% IA;	COA = 2.68		=2.08+0.6		


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Based on the Course Objectives Attainment (COA) value as calculated at the end, perform the PO/PSO Attainment Calculations as shown below:

Course Outcome	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	PSO 3	PSO 4
CO1	2	3	1	1	3	3	2	-	2	2	2	3	3	-	1	1
CO2	3	3	3	2	-	3	2	3	2	1	-	2	3	3	2	-
CO3	3	3	3	-	2	-	3	1	3	1	2	1	1	-	3	3
CO4	-	2	2	2	-	3	1	1	3	1	3	2	2	-	3	3
Average	2.00	2.75	2.25	1.25	1.25	2.25	2.00	1.25	2.50	1.25	1.75	2.00	2.25	0.75	2.25	1.75

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3	PSO 4
Average Mapping (M)	2.00	2.75	2.25	1.25	1.25	2.25	2.00	1.25	2.50	1.25	1.75	2.00	2.25	0.75	2.25	1.75
PO/PSO Attainment Level*	1.89	2.60	2.13	1.18	1.18	2.13	1.89	1.18	2.37	1.18	1.66	1.89	2.13	0.71	2.13	1.66

$$* = \text{COA} \times \text{M} / 3$$

PLAN OF ACTION TO IMPROVE CO ATTAINMENT NEXT TIME

Action taken to improve CO attainment

1. Revise instructional strategies based on student feedback to enhance engagement and outcomes.
2. Reinforce tutorial sessions for better academic support and guidance.
3. Organize interactive sessions to prepare for GPAT and reinforce key concepts.
4. Assign seminars and real-world projects for critical analysis and innovative solutions.

