

**School Of Pharmacy**  
**(BP702T): Industrial Pharmacy- II (2024-2025)**

**(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.



# CO- PO Attainment 2024-2025

## CO Attainment Calculations

### Direct Assessment

	Direct Assessment I (CIA)		Direct Assessment 2 (ESE)	Indirect Assessment Students/ Faculty/Employer	
	CIA1	CIA2	ESE	Course Exit Survey/Feedback	
Number of students who have scored more than target(P)	57	52		56	69
Percentage of students who have achieved the target = (P/N)*100	82.60	75.36		81.15	100
Attainment Level (3 for >80%, 2 for >70%, 1 for >60%)	a= 3	b= 2	c= 3	d= 3	
Attainment based on internal assessment (CIA)=Average Of (a and b);	CIA = 2.5		= 3+2/2		
Direct CO Attainment Level (DA)=40% CIA+60% End-Term(C);	DA = 2.8		= 0.4*2.5+0.6*3		
Indirect CO Attainment Level (IA)(based on Exit Survey (d);	IA = 3				
80 % of DA	= 2.24		= 0.8*2.8		
20 % IA	= 0.6		= 0.2*3		
CO Attainment Level (COA)=80%DA+20%IA;	COA = 2.84		= 2.24+0.6		

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. Instructional strategies will be revised based on student feedback to enhance engagement and improve learning outcomes.
2. Tutorial sessions will be reinforced to provide more effective academic support and personalized guidance.
3. Additional interactive sessions will be organized to better prepare students for the GPAT examination and to reinforce key concepts.
4. Students will be assigned seminars and real-world projects that require critical analysis and the presentation of innovative solutions.

