

CO ATTAINMENT CALCULATION
Department of Chemistry (2022-23 batch)

DIRECT ASSESMENT								INDIRECT ASSESMENT
Semester	Paper Code	Total Number of Students		Midterm (Internal)		End Semester (External)		Course Exit Survey
				COA (50%)	COA (60%)	COA (50%)	COA (60%)	
SEM -1	CHE HC 1016	06	Number of students who have scored more than the target	06	06	06	06	06
			Percentage of students who achieved the target	100%	100%	100%	100%	100%
			Attainment level (3 for >80%, 2 for >70%, 1 for >60%)	3	3	3	3	3
	CHE HC 1026	06	Number of students who have scored more than the target	06	06	06	06	06
			Percentage of students who achieved the target	100%	100%	100%	100%	100%
			Attainment level (3 for >80%, 2 for >70%, 1 for >60%)	3	3	3	3	3

SEM -2	CHE HC 2016	06	Number of students who have scored more than the target	06	06	06	06	06
			Percentage of students who achieved the target	100%	100%	100%	100%	100%
			Attainment level (3 for >80%, 2 for >70%, 1 for >60%)	3	3	3	3	3
	CHE HC 2026	06	Number of students who have scored more than the target	06	06	06	06	06
			Percentage of students who achieved the target	100%	100%	100%	100%	100%
			Attainment level (3 for >80%, 2 for >70%, 1 for >60%)	3	3	3	3	3
SEM -3	CHE HC 3016	06	Number of students who have scored more than the target	06	06	04	03	06
			Percentage of students who achieved the target	100%	100%	66.67%	50%	100%
			Attainment level (3 for >80%, 2 for >70%, 1 for >60%)	3	3	1	-	3
	CHE HC 3026	06	Number of students who have scored more than the target	06	06	04	04	05
			Percentage of students who achieved the target	100%	100%	66.67%	66.67%	83.33%
			Attainment level (3 for >80%, 2 for >70%, 1 for >60%)	3	3	1	1	3
	CHE HC 3036	06	Number of students who have scored more than the target	06	06	04	04	05
			Percentage of students who achieved the target	100%	100%	66.67%	66.67%	83.33%
			Attainment level	3	3	1	1	3

	CHE-SE-3034	06	(3 for >80%, 2 for >70%, 1 for >60%)					
			Number of students who have scored more than the target	06	06	04	04	05
			Percentage of students who achieved the target	100%	100%	66.67%	66.67%	83.33%
			Attainment level (3 for >80%, 2 for >70%, 1 for >60%)	3	3	1	1	3
SEM -4	CHE HC 4016	06	Number of students who have scored more than the target	06	06	04	04	05
			Percentage of students who achieved the target	100%	100%	66.67%	66.67%	83.33%
			Attainment level (3 for >80%, 2 for >70%, 1 for >60%)	3	3	1	1	3
	CHE HC 4026	06	Number of students who have scored more than the target	06	06	04	04	05
			Percentage of students who achieved the target	100%	100%	66.67%	66.67%	83.33%
			Attainment level (3 for >80%, 2 for >70%, 1 for >60%)	3	3	1	1	3
	CHE HC 4036	06	Number of students who have scored more than the target	06	06	04	04	05
			Percentage of students who achieved the target	100%	100%	66.67%	66.67%	83.33%
			Attainment level (3 for >80%, 2 for >70%, 1 for >60%)	3	3	1	1	3

	CHE HE 4064	06	Number of students who have scored more than the target	06	06	06	04	06
			Percentage of students who achieved the target	100%	100%	100%	66.67%	100%
			Attainment level (3 for >80%, 2 for >70%, 1 for >60%)	3	3	3	1	3
SEM-5	CHE HC 5016	06	Number of students who have scored more than the target	06	06	03	03	05
			Percentage of students who achieved the target	100%	100%	50%	50%	83.33%
			Attainment level (3 for >80%, 2 for >70%, 1 for >60%)	3	3	-	-	3
	CHE HC 5026	06	Number of students who have scored more than the target	06	06	05	04	06
			Percentage of students who achieved the target	100%	100%	83.33%	66.66%	100%
			Attainment level (3 for >80%, 2 for >70%, 1 for >60%)	3	3	3	1	3
	CHE HE 5026	06	Number of students who have scored more than the target	06	06	06	05	06
			Percentage of students who achieved the target	100%	100%	100%	83.33%	100%
			Attainment level (3 for >80%, 2 for >70%, 1 for >60%)	3	3	3	3	3

	CHE HE 5046	06	Number of students who have scored more than the target	06	06	06	06	06
			Percentage of students who achieved the target	100%	100%	100%	100%	100%
			Attainment level (3 for >80%, 2 for >70%, 1 for >60%)	3	3	3	3	3
SEM -6	CHE HC 6016	06	Number of students who have scored more than the target	06	06	03	02	03
			Percentage of students who achieved the target	100%	100%	50%	33.33%	50%
			Attainment level (3 for >80%, 2 for >70%, 1 for >60%)	3	3	-	-	-
	CHE HC 6026	06	Number of students who have scored more than the target	06	06	04	03	06
			Percentage of students who achieved the target	100%	100%	66.66%	50%	100%
			Attainment level (3 for >80%, 2 for >70%, 1 for >60%)	3	3	1	-	3
	CHE HE 6026	06	Number of students who have scored more than the target	06	06	03	03	06
			Percentage of students who achieved the target	100%	100%	50%	50%	100%
			Attainment level (3 for >80%, 2 for >70%, 1 for >60%)	3	3	-	-	3

	CHE HE 6056	06	Number of students who have scored more than the target	06	06	06	06	06
			Percentage of students who achieved the target	100%	100%	100%	100%	100%
			Attainment level (3 for >80%, 2 for >70%, 1 for >60%)	3 a	3 b	3 c	3 d	3 e

Attainment based on Internal Assessment (average of a & b) = 3

Attainment based on External Assessment (average of c & d) = 1.6

Direct CO Assessment Level (DA) = 40% of CIA + 60% of End tem

$$= 0.4 \times 3 + 0.6 \times 1.6 = 2.16$$

Indirect CO Attainment Level (IA) based on Exit Survey = 2.85

$$80\% \text{ of DA} = 1.73$$

$$20\% \text{ of IA} = 0.57$$

CO Attainment Level (COA) = 80% of DA + 20% of IA = 2.3