

TURKU HANSDA LAPSA HEMRAM MAHAVIDYALAY

(A Govt. Aided General Degree College affiliated to Burdwan University and registered u/s 2(f) & 12(B) of UGC Act, 1956)
[Established in 2006 and Accredited 'B' by NAAC in 2016]

Vill-Madian, Mallarpur

PIN 731216, West Bengal

website- www.thlhmahavidyalay.ac.in



PO-Ganpur, Birbhum

Phone & Fax 03461-262175

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Criterion 2 - Teaching-learning and Evaluation

2.6 Student Performance and Learning Outcomes

2.6.2 Attainment of POs and COs are evaluated

Documents

Department wise mapping and attainment of COs ,POs and PSOs



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COURSE OUTCOMES (CO) MAPPING WITH PROGRAM OUTCOMES (PO) AND PROGRAM SPECIFIC OUTCOMES (PSO)

Department of Bengali

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	2	2	2	1	3	2	2	3	2	1	2	3	2
CO2	2	3	2	1	3	2	3	2	3	2	3	2	1	3
CO3	2	3	2	2	3	3	3	2	2	2	3	2	3	2
CO4	3	2	2	2	2	2	3	2	1	2	3	2	2	2
CO5	3	3	2	3	2	2	2	2	2	3	2	3	2	2
CO6	2	3	2	3	3	3	1	2	2	3	2	1	3	2
CO7	3	2	2	2	3	2	2	3	2	3	3	2	2	3
CO8	2	2	2	2	1	3	2	2	3	2	1	2	3	2
CO9	2	3	2	1	3	2	3	2	3	2	3	2	1	3
CO10	2	3	2	2	3	3	3	2	2	2	3	2	3	2
CO11	3	2	2	2	2	2	3	2	1	2	3	2	2	2
CO12	3	3	2	3	2	2	2	2	2	3	2	3	2	2
CO13	2	3	2	3	3	3	1	2	2	3	2	1	3	2
CO14	3	2	2	2	3	2	2	3	2	3	3	2	2	3
CO15	3	2	2	2	2	2	3	2	1	2	3	2	2	2
CO16	3	3	2	3	2	2	2	2	2	3	2	3	2	2
CO17	2	3	2	3	3	3	1	2	2	3	2	1	3	2
CO18	3	2	2	2	3	2	2	3	2	3	3	2	2	3
Average	2.43	2.57	2.00	2.14	2.43	2.43	2.29	2.14	2.14	2.43	2.43	2.00	2.29	2.29

3-HIGH (corresponds to a high correlation) 2-MEDIUM (corresponds to a medium correlation) 1-LOW (corresponds to a low correlation) between CO and PO/PSO



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CO Attainment Calculations

Bengali 2024	Direct attainment						Indirect Assessment		
	Internal				External				
	CIA1		CIA2		ESE		Course Exit Survey		
Number of students who have scored more than the target (P) (Target is 60%)		27		27		27		27	
Percentage of students who have achieved the target = $(P/N) \times 100$ (N is the number of students who appeared in the exam)	29	93.10345	29	93.103		29	93.10345	29	93.1034483
Attainment Level (3 for >80%, 2 for >70%, 1 for > 60%)	a=	3	b=	3		c=	3	d=	3
Attainment based on internal assessment (CIA) = Average of (a and b);					CIA	=	3		
Direct CO Attainment Level (DA) = $40\% \text{CIA} + 60\% \text{End-Term (c)}$;					DA	=	3		
Indirect CO Attainment Level (IA) (based on Exit Survey (d));					IA	=	3		
					80 % of DA	=	2.4		
					20 % IA	=	0.6		
CO Attainment Level (COA) = $80\% \text{DA} + 20\% \text{IA}$;					COA	=	3		



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PO Attainment Calculations														
Bengali	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
Average Mapping (M)	2.43	2.57	2.00	2.14	2.43	2.43	2.29	2.14	2.14	2.43	2.43	2.00	2.29	2.29
PO / PSO Attainment Level	2.428571	2.571429	2	2.142857	2.428571	2.428571	2.285714	2.142857	2.142857	2.428571	2.428571	2	2.285714	2.285714



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COURSE OUTCOMES (CO) MAPPING WITH PROGRAM OUTCOMES (PO) AND PROGRAM SPECIFIC OUTCOMES (PSO)

Department of English

	PO1	PO2	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	3	2	3	1	2
CO2	3	2	1	3	2	3	2
CO3	3	3	3	3	3	3	3
CO4	3	2	1	1	2	1	2
CO5	3	2	3	2	3	1	2
CO6	3	2	1	3	2	3	2
CO7	3	3	3	3	3	3	3
CO8	3	2	1	1	2	1	2
CO9	3	2	3	2	3	1	2
CO10	3	2	1	3	2	3	2
CO11	3	3	3	3	3	3	3
CO12	3	2	1	1	2	1	2
CO13	3	2	3	2	3	1	2
CO14	3	2	1	3	2	3	2
CO15	3	3	3	3	3	3	3
CO16	3	2	1	1	2	1	2
CO17	3	3	3	3	3	3	3
CO18	3	2	1	1	2	1	2
Average	3.00	2.25	2.00	2.25	2.50	2.00	2.25

3-HIGH (corresponds to a high correlation) 2-MEDIUM (corresponds to a medium correlation) 1-LOW (corresponds to a low correlation) between CO and PO/PSO



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CO Attainment Calculations

ENGLISH	Direct attainment						Indirect Assessment			
	Internal				External					
	2024		CIA1		CIA2		ESE		Course Exit Survey	
Number of students who have scored more than the target (P) (Target is 60%)		31		31			20		24	
Percentage of students who have achieved the target = $(P/N)*100$ (N is the number of students who appeared in the exam)	31	100	31	100			31	64.51613	31	77.4193548
Attainment Level (3 for >80%, 2 for >70%, 1 for > 60%)	a=	3	b=	3			c=	1	d=	2
Attainment based on internal assessment (CIA) = Average of (a and b);					CIA	=	3			
Direct CO Attainment Level (DA) = $40\%CIA + 60\% \text{ End-Term (c) ;}$					DA	=	1.8			
Indirect CO Attainment Level (IA) (based on Exit Survey (d));					IA	=	2			
					80 % of DA	=	1.44			
					20 % IA	=	0.4			
CO Attainment Level (COA) = $80 \% DA + 20 \% IA;$					COA	=	1.84			



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PO Attainment Calculations							
English	PO1	PO2	PSO1	PSO2	PSO3	PSO4	PSO5
Average Mapping (M)	3.00	2.25	2.00	2.25	2.50	2.00	2.25
PO / PSO Attainment Level	1.84	1.38	1.226667	1.38	1.533333	1.226667	1.38



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COURSE OUTCOMES (CO) MAPPING WITH PROGRAM OUTCOMES (PO) AND PROGRAM SPECIFIC OUTCOMES (PSO)

Department of Sanskrit

	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	3	3	2	3	2	3	3	2	3	3	3
CO2	2	3	2	2	3	2	2	3	3	2	3	2
CO3	2	3	2	3	2	3	2	3	2	3	2	3
CO4	2	2	3	3	3	2	3	2	3	3	2	3
CO5	2	2	3	3	3	2	3	2	3	3	2	3
CO6	2	2	3	3	3	2	3	2	3	3	2	3
CO7	3	3	3	2	3	2	3	3	2	3	3	3
CO8	2	3	2	2	3	2	2	3	3	2	3	2
CO9	2	3	2	3	2	3	2	3	2	3	2	3
CO10	2	2	3	3	3	2	3	2	3	3	2	3
CO11	2	2	3	3	3	2	3	2	3	3	2	3
CO12	2	2	3	3	3	2	3	2	3	3	2	3
CO13	3	3	3	2	3	2	3	3	2	3	3	3
CO14	2	3	2	2	3	2	2	3	3	2	3	2
CO15	2	3	2	3	2	3	2	3	2	3	2	3
CO16	2	2	3	3	3	2	3	2	3	3	2	3
CO17	2	2	3	3	3	2	3	2	3	3	2	3
CO18	2	2	3	3	3	2	3	2	3	3	2	3
Average	2.25	2.75	2.50	2.50	2.75	2.25	2.50	2.75	2.50	2.75	2.50	2.75



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CO Attainment Calculations(2024)										
Sanskrit	Direct attainment							Indirect Assessment		
2024	Internal				External			Course Exit Survey		
	CIA1		CIA2		ESE			Course Exit Survey		
Number of students who have scored more than the target (P) (Target is 60%)	13		13				2		7	
Percentage of students who have achieved the target = (P/N)*100 (N is the number of students who appeared in the exam)	13	100	13	100			13	15.38462	13	53.8461538
Attainment Level (3 for >80%, 2 for >70%, 1 for > 60%)	a=	3	b=	3			c=	0	d=	0
Attainment based on internal assessment (CIA) = Average of (a and b);					CIA	=	3			
Direct CO Attainment Level (DA) =40%CIA + 60% End-Term (c) ;					DA	=	1.2			
Indirect CO Attainment Level (IA) (based on Exit Survey (d));					IA	=	0			
					80 % of DA	=	0.96			
					20 % IA	=	0			
CO Attainment Level (COA) = 80 % DA+ 20 % IA;					COA	=	0.96			



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PO Attainment Calculations												
Sanskrit	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
Average Mapping (M)	2.25	2.75	2.50	2.50	2.75	2.25	2.50	2.75	2.50	2.75	2.50	2.75
PO / PSO Attainment Level	0.72	0.88	0.8	0.8	0.88	0.72	0.8	0.88	0.8	0.88	0.8	0.88



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COURSE OUTCOMES (CO) MAPPING WITH PROGRAM OUTCOMES (PO) AND PROGRAM SPECIFIC OUTCOMES (PSO)

Department of Santali

	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	2	3	3	1	1	1	2
CO2	3	2	2	2	2	3	3	3	2
CO3	2	3	3	2	3	2	2	3	2
CO4	3	3	3	2	3	3	3	3	3
CO5	2	3	3	3	2	3	3	3	3
CO6	1	2	3	3	2	2	3	3	2
CO7	3	2	2	2	3	2	3	3	1
CO8	2	3	2	3	3	2	3	3	3
CO9	3	2	3	3	2	3	2	2	2
CO10	2	3	3	2	3	2	3	3	3
CO11	3	3	2	2	3	3	2	2	2
CO12	2	3	2	2	3	3	2	3	3
CO13	3	2	2	3	2	3	3	2	2
CO14	2	2	3	2	3	3	3	2	3
CO15	2	3	3	2	3	2	3	3	2
CO16	2	3	3	2	3	3	3	3	3
CO17	2	2	3	3	2	2	2	2	3
CO18	1	2	2	2	3	2	3	3	2
Average	2.40	2.53	2.53	2.40	2.67	2.47	2.60	2.60	2.33

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CO Attainment Calculations

Santali	Direct attainment						Indirect Assessment	
2024	Internal				External		Course Exit Survey	
	CIA1	CIA2			ESE			
Number of students who have scored more than the target (P) (Target is 60%)	16	16			13		16	
Percentage of students who have achieved the target = $(P/N)*100$ (N is the number of students who appeared in the exam)	22	72.72727	22	72.727	22	59.09091	22	72.7272727
Attainment Level (3 for >80%, 2 for >70%, 1 for > 60%)	a=	2	b=	2	c=	0	d=	2
Attainment based on internal assessment (CIA) = Average of (a and b);					CIA =	2		
Direct CO Attainment Level (DA) = $40\%CIA + 60\%$ End-Term (c) ;					DA =	0.8		
Indirect CO Attainment Level (IA) (based on Exit Survey (d));					IA =	2		
					80 % of DA =	0.64		
					20 % IA =	0.4		
CO Attainment Level (COA) = 80% DA+ 20% IA;					COA =	1.04		



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PO Attainment Calculations									
Santali									
	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4	PSO5
Average Mapping (M)	2.40	2.53	2.53	2.40	2.67	2.47	2.60	2.60	2.33
PO / PSO Attainment Level	0.832	0.878222	0.878222	0.832	0.924444	0.855111	0.901333	0.901333	0.808889



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COURSE OUTCOMES (CO) MAPPING WITH PROGRAM OUTCOMES (PO) AND PROGRAM SPECIFIC OUTCOMES (PSO)

Department of Geography

	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4
CO1	2	3	2	3	3	2	3	3
CO2	2	3	2	2	3	3	3	3
CO3	2	2	3	2	3	2	2	2
CO4	3	3	3	2	2	3	2	3
CO5	3	3	2	2	3	3	2	3
CO6	2	3	2	3	2	2	2	2
CO7	2	3	2	1	1	2	3	3
CO8	2	3	2	2	3	3	3	3
CO9	2	2	3	2	3	2	2	2
CO10	2	3	2	3	3	2	3	3
CO11	2	1	2	2	3	3	3	3
CO12	2	2	3	2	3	2	2	2
CO13	3	2	3	1	1	1	3	1
CO14	3	3	2	3	3	2	3	3
CO15	3	2	2	1	1	2	3	1
CO16	2	3	2	3	3	2	3	3
CO17	2	3	2	2	3	3	3	3
CO18	2	2	3	2	3	2	2	2
Average	2.33	2.53	2.33	2.07	2.47	2.27	2.60	2.47

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CO Attainment Calculations										
Geography	Direct attainment						Indirect Assessment			
2024	Internal				External		Course Exit Survey			
	CIA1		CIA2			ESE				
Number of students who have scored more than the target (P) (Target is 60%)	20		20			20			20	
Percentage of students who have achieved the target = (P/N)*100 (N is the number of students who appeared in the exam)	21	95.2381	21	95.238		21	95.2381	21	95.2380952	
Attainment Level (3 for >80%, 2 for >70%, 1 for > 60%)	a=	3	b=	3		c=	3	d=	3	
Attainment based on internal assessment (CIA) = Average of (a and b);					CIA	=	3			
Direct CO Attainment Level (DA) =40%CIA + 60% End-Term (c) ;					DA	=	3			
Indirect CO Attainment Level (IA) (based on Exit Survey (d));					IA	=	3			
					80 % of DA	=	2.4			
					20 % IA	=	0.6			
CO Attainment Level (COA) = 80 % DA+ 20 % IA;					COA	=	3			



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PO Attainment Calculations								
Geography	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4
Average Mapping (M)	2.33	2.53	2.33	2.07	2.47	2.27	2.60	2.47
PO / PSO Attainment Level	2.333333	2.533333	2.333333	2.066667	2.466667	2.266667	2.6	2.466667



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COURSE OUTCOMES (CO) MAPPING WITH PROGRAM OUTCOMES (PO) AND PROGRAM SPECIFIC OUTCOMES (PSO)

Department of History

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	2	3	2	3	3	2	3	2	3	2	3	2	3	2	3	3
CO2	2	3	3	2	2	3	2	3	2	2	3	2	3	2	2	3	3
CO3	3	2	3	2	3	3	2	3	2	3	2	3	2	3	2	3	3
CO4	3	3	3	2	2	3	3	2	3	3	2	2	3	3	2	2	3
CO5	3	2	3	2	3	3	2	3	2	3	2	3	2	3	2	3	3
CO6	3	3	2	3	2	3	2	3	3	3	2	3	3	3	3	2	3
CO7	3	2	3	2	3	3	2	3	2	3	2	3	2	3	2	3	3
CO8	3	2	3	2	3	3	2	3	2	3	2	3	2	3	2	3	3
CO9	3	2	3	2	3	3	2	3	2	3	2	3	2	3	2	3	3
CO10	3	2	3	2	3	3	2	3	2	3	2	3	2	3	2	3	3
CO11	3	3	3	2	2	3	3	2	3	3	2	2	3	3	2	2	3
CO12	3	2	3	2	3	3	2	3	2	3	2	3	2	3	2	3	2
CO13	3	3	3	2	2	3	3	2	3	3	2	2	3	3	2	2	1
CO14	3	2	3	2	3	3	2	3	2	3	2	3	2	3	2	3	3
CO15	3	3	3	2	2	2	3	2	3	3	2	2	3	3	2	2	3
CO16	3	2	3	2	3	3	2	3	2	3	2	3	2	3	2	3	1
CO17	2	3	2	2	2	2	2	2	3	2	3	3	2	2	2	2	2
CO18	2	2	2	2	2	1	2	2	2	2	2	2	1	1	1	3	1
Average	2.93	2.40	2.93	2.07	2.60	2.93	2.27	2.73	2.33	2.93	2.07	2.67	2.40	2.93	2.07	2.67	2.80

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CO Attainment Calculations									
History	Direct attainment							Indirect Assessment	
2024	Internal				External			Course Exit Survey	
	CIA1	CIA2			ESE				
Number of students who have scored more than the target (P) (Target is 60%)	20	20			20			20	
Percentage of students who have achieved the target = $(P/N)*100$ (N is the number of students who appeared in the exam)	23	86.95652	23	86.957	23	86.95652	23	86.9565217	
Attainment Level (3 for >80%, 2 for >70%, 1 for > 60%)	a=	3	b=	3	c=	3	d=	3	
Attainment based on internal assessment (CIA) = Average of (a and b);					CIA =	3			
Direct CO Attainment Level (DA) = 40% CIA + 60% End-Term (c) ;					DA =	3			
Indirect CO Attainment Level (IA) (based on Exit Survey (d));					IA =	3			
					80 % of DA =	2.4			
					20 % IA =	0.6			
CO Attainment Level (COA) = 80 % DA+ 20 % IA;					COA =	3			



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PO Attainment Calculations																	
History	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
Average Mapping (M)	2.93	2.40	2.93	2.07	2.60	2.93	2.27	2.73	2.33	2.93	2.07	2.67	2.40	2.93	2.07	2.67	2.80
PO / PSO Attainment Level	2.9333 33	2.4	2.9333 33	2.0666 67	2.6	2.9333 33	2.2666 67	2.7333 33	2.3333 33	2.9333 33	2.0666 67	2.6666 67	2.4	2.9333 33	2.0666 67	2.6666 67	2.8



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COURSE OUTCOMES (CO) MAPPING WITH PROGRAM OUTCOMES (PO) AND PROGRAM SPECIFIC OUTCOMES (PSO)

Department of Philosophy

	PO1	PO2	PO3	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	2	1	2	2	2	2	2	3	2
CO2	2	1	2	2	2	2	3	2	2
CO3	2	1	2	1	3	3	3	2	2
CO4	2	2	2	2	2	3	2	3	3
CO5	2	1	1	1	2	2	3	3	3
CO6	2	1	1	1	2	2	3	3	2
CO7	2	2	3	3	3	3	2	2	2
CO8	2	3	3	3	3	3	3	3	3
CO9	2	1	2	1	2	3	2	2	2
CO10	1	1	1	2	3	3	2	3	3
CO11	3	1	3	3	2	2	3	2	2
CO12	2	1	3	1	2	2	3	2	3
CO13	2	1	3	2	3	2	2	2	2
CO14	2	1	1	2	3	3	2	3	3
CO15	2	1	2	1	2	3	3	2	3
CO16	2	1	1	2	3	2	2	3	2
CO17	2	1	1	1	2	2	3	2	2
CO18	2	3	3	2	2	3	2	3	3
Avarage	2.00	1.33	2.00	1.78	2.39	2.50	2.50	2.50	2.44

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CO Attainment Calculations

Philosophy 2024	Direct attainment						Indirect Assessment	
	Internal				External		Course Exit Survey	
	CIA1		CIA2		ESE			
Number of students who have scored more than the target (P) (Target is 60%)	4	4			4		4	
Percentage of students who have achieved the target = $(P/N)*100$ (N is the number of students who appeared in the exam)	66.66667	66.667			66.66667		100	
Attainment Level (3 for >80%, 2 for >70%, 1 for > 60%)	a= 1	b= 1			c= 1		d= 3	
Attainment based on internal assessment (CIA) = Average of (a and b);			CIA = 1					
Direct CO Attainment Level (DA) = $40\%CIA + 60\% \text{ End-Term (c)}$;			DA = 1					
Indirect CO Attainment Level (IA) (based on Exit Survey (d));			IA = 3					
			80 % of DA = 0.8					
			20 % IA = 0.6					
CO Attainment Level (COA) = $80\% DA + 20\% IA$;			COA = 1.4					



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PO Attainment Calculations									
Philosophy	PO1	PO2	PO3	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
Average Mapping (M)	2.00	1.33	2.00	1.78	2.39	2.50	2.50	2.50	2.44
PO / PSO Attainment Level	0.933333	0.622222	0.933333	0.82963	1.114815	1.166667	1.166667	1.166667	1.140741



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COURSE OUTCOMES (CO) MAPPING WITH PROGRAM OUTCOMES (PO) AND PROGRAM SPECIFIC OUTCOMES (PSO)

Department of Political Science

	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	2	3	2	3	3	3	3
CO2	2	3	2	3	2	2	2	3	2
CO3	2	3	3	2	3	2	3	2	3
CO4	2	2	3	3	2	3	3	2	3
CO5	2	2	3	3	2	3	3	2	3
CO6	2	2	3	3	2	3	3	2	3
Average	2.25	2.75	2.50	2.75	2.25	2.50	2.75	2.50	2.75

3-HIGH (corresponds to a high correlation) 2-MEDIUM (corresponds to a medium correlation) 1-LOW (corresponds to a low correlation) between CO and PO/PSO



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CO Attainment Calculations

2024	Direct attainment						Indirect Assessment	
	Internal				External		Course Exit Survey	
	CIA1	CIA2			ESE			
Number of students who have scored more than the target (P) (Target is 60%)	160	160			160		150	
Percentage of students who have achieved the target = (P/N)*100 (N is the number of students who appeared in the exam)	444	36.03604	444	36.036	444	36.03604	444	33.7837838
Attainment Level (3 for >80%, 2 for >70%, 1 for >60%)	a=	0	b=	0	c=	0	d=	0
Attainment based on internal assessment (CIA) = Average of (a and b);					CIA =	0		
Direct CO Attainment Level (DA) =40%CIA + 60% End-Term (c) ;					DA =	0		
Indirect CO Attainment Level (IA) (based on Exit Survey (d));					IA =	0		
					80 % of DA =	0		
					20 % IA =	0		
CO Attainment Level (COA) = 80 % DA+ 20 % IA;					COA =	0		



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PO Attainment Calculations

Department of Political Science

	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4	PSO5
Average Mapping (M)	2.25	2.75	2.50	2.75	2.25	2.50	2.75	2.50	2.75
PO / PSO Attainment Level	0	0	0	0	0	0	0	0	0



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COURSE OUTCOMES (CO) MAPPING WITH PROGRAM OUTCOMES (PO) AND PROGRAM SPECIFIC OUTCOMES (PSO)

Department of Physical Education

	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	2	3	2	3	3	3	3
CO2	2	3	2	3	2	2	2	3	2
CO3	2	3	3	2	3	2	3	2	3
CO4	2	2	3	3	2	3	3	2	3
CO5	2	2	3	3	2	3	3	2	3
CO6	2	2	3	3	2	3	3	2	3
Average	2.25	2.75	2.50	2.75	2.25	2.50	2.75	2.50	2.75

3-HIGH (corresponds to a high correlation) 2-MEDIUM (corresponds to a medium correlation) 1-LOW (corresponds to a low correlation) between CO and PO/PSO



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CO Attainment Calculations

2024	Direct attainment								Indirect Assessment	
	Internal				External					
	CIA1		CIA2		ESE		Course Exit Survey			
Number of students who have scored more than the target (P) (Target is 60%)	18	18				18			18	
Percentage of students who have achieved the target = (P/N)*100 (N is the number of students who appeared in the exam)	40	45	40	45		40	45	40	45	
Attainment Level (3 for >80%, 2 for >70%, 1 for > 60%)	a=	0	b=	0		c=	0	d=	0	
Attainment based on internal assessment (CIA) = Average of (a and b);					CIA	=	0			
Direct CO Attainment Level (DA) =40%CIA + 60% End-Term (c) ;					DA	=	0			
Indirect CO Attainment Level (IA) (based on Exit Survey (d));					IA	=	0			
					80 % of DA	=	0			
					20 % IA	=	0			
CO Attainment Level (COA) = 80 % DA+ 20 % IA;					COA	=	0			



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PO Attainment Calculations									
Department of Physical Education									
	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4	PSO5
Average Mapping (M)	2.25	2.75	2.50	2.75	2.25	2.50	2.75	2.50	2.75
PO / PSO Attainment Level	0	0	0	0	0	0	0	0	0



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COURSE OUTCOMES (CO) MAPPING WITH PROGRAM OUTCOMES (PO) AND PROGRAM SPECIFIC OUTCOMES (PSO)

Department of Mathematics

	PO1	PO2	PO3	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	3	2	1	3	3	1	1	2	1
CO2	1	3	2	3	2	1	3	2	1
CO3	1	1	3	1	1	3	1	2	3
CO4	3	2	3	3	3	3	2	3	1
CO5	3	2	1	3	3	1	1	2	1
CO6	1	3	2	3	2	1	3	2	1
CO7	1	1	3	1	1	3	1	2	3
CO8	3	2	3	3	3	3	2	3	1
CO9	3	2	1	3	3	1	1	2	1
CO10	1	3	2	3	2	1	3	2	1
CO11	1	1	3	1	1	3	1	2	3
CO12	3	2	3	3	3	3	2	3	1
CO13	3	2	1	3	3	1	1	2	1
CO14	1	3	2	3	2	1	3	2	1
CO15	1	1	3	1	1	3	1	2	3
CO16	3	2	3	3	3	3	2	3	1
CO17	3	2	1	3	3	1	1	2	1
CO18	1	3	2	3	2	1	3	2	1
Average	2.00	2.00	2.25	2.50	2.25	2.00	1.75	2.25	1.50

3-HIGH (corresponds to a high correlation) 2-MEDIUM (corresponds to a medium correlation) 1-LOW (corresponds to a low correlation) between CO and PO/PSO



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CO Attainment Calculations(2024)

Mathematics	Direct attainment						Indirect Assessment	
2024	Internal				External		Course Exit Survey	
	CIA1		CIA2		ESE			
Number of students who have scored more than the target (P) (Target is 60%)	4	4	4	4	4	4	4	4
Percentage of students who have achieved the target = (P/N)*100 (N is the number of students who appeared in the exam)	5	80	5	80	5	80	5	80
Attainment Level (3 for >80%, 2 for >70%, 1 for > 60%)	a=	3	b=	3	c=	3	d=	3
Attainment based on internal assessment (CIA) = Average of (a and b);					CIA	=	3	
Direct CO Attainment Level (DA) =40% CIA + 60% End-Term (c) ;					DA	=	3	
Indirect CO Attainment Level (IA) (based on Exit Survey (d));					IA	=	3	
					80 % of DA	=	2.4	
					20 % IA	=	0.6	
CO Attainment Level (COA) = 80 % DA+ 20 % IA;					COA	=	3	



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PO Attainment Calculations									
Mathematics	PO1	PO2	PO3	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
Average Mapping (M)	2.00	2.00	2.25	2.50	2.25	2.00	1.75	2.25	1.50
PO / PSO Attainment Level	2	2	2.25	2.5	2.25	2	1.75	2.25	1.5



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COURSE OUTCOMES (CO) MAPPING WITH PROGRAM OUTCOMES (PO) AND PROGRAM SPECIFIC OUTCOMES (PSO)

Department of Physics

	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	2	2	1	2	1	2	3	2
CO2	2	3	2	1	3	2	3	2	1	3
CO3	2	3	2	2	3	2	3	2	3	2
CO4	3	2	2	2	2	2	3	2	2	2
CO5	3	3	2	3	2	3	2	3	2	2
CO6	2	3	2	3	3	3	2	3	3	2
Average	2.50	2.67	2.00	2.17	2.33	2.33	2.33	2.33	2.33	2.17

3-HIGH (corresponds to a high correlation) 2-MEDIUM (corresponds to a medium correlation) 1-LOW (corresponds to a low correlation) between CO and PO/PSO



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CO Attainment Calculations

2024	Direct attainment								Indirect Assessment	
	Internal				External					
	CIA1		CIA2		ESE		Course Exit Survey			
Number of students who have scored more than the target (P) (Target is 60%)	1	1				0			0	
Percentage of students who have achieved the target = (P/N)*100 (N is the number of students who appeared in the exam)	100	100				0		0	0	
Attainment Level (3 for >80%, 2 for >70%, 1 for > 60%)	3	3				0		0	0	
Attainment based on internal assessment (CIA) = Average of (a and b);					CIA =	3				
Direct CO Attainment Level (DA) =40%CIA + 60% End-Term (c) ;					DA =	1.2				
Indirect CO Attainment Level (IA) (based on Exit Survey (d));					IA =	0				
					80 % of DA =	0.96				
					20 % IA =	0				
CO Attainment Level (COA) = 80 % DA+ 20 % IA;					COA =	0.96				



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PO Attainment Calculations											
	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5
Average Mapping (M)	2.50	2.67	2.00	2.17	2.33	#REF!	2.33	2.33	2.33	2.33	2.17
PO / PSO Attainment Level	0.8	0.853333	0.64	0.693333	0.746667		0.746667	0.746667	0.746667	0.746667	0.693333



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COURSE OUTCOMES (CO) MAPPING WITH PROGRAM OUTCOMES (PO) AND PROGRAM SPECIFIC OUTCOMES (PSO)

Department of Chemistry

	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	2	2	2	1	3	2	1	2	3	2
CO2	2	3	2	1	3	2	2	3	2	1	3
CO3	2	3	2	2	3	3	2	3	2	3	2
CO4	3	2	2	2	2	2	2	3	2	2	2
CO5	3	3	2	3	2	2	3	2	3	2	2
CO6	2	3	2	3	3	3	3	2	1	3	2
Avarage	2.33	2.67	2.00	2.17	2.33	2.50	2.33	2.33	2.00	2.33	2.17

3-HIGH (corresponds to a high correlation) 2-MEDIUM (corresponds to a medium correlation) 1-LOW (corresponds to a low correlation) between CO and PO/PSO



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CO Attainment Calculations

2024	Direct attainment								Indirect Assessment	
	Internal						External		Course Exit Survey	
	CIA1		CIA2				ESE			
Number of students who have scored more than the target (P) (Target is 60%)	1	1					0		0	
Percentage of students who have achieved the target = (P/N)*100 (N is the number of students who appeared in the exam)	100	100				1	0	1	0	
Attainment Level (3 for >80%, 2 for >70%, 1 for > 60%)	a= 3	b= 3				c= 0	0	d= 0	0	
Attainment based on internal assessment (CIA) = Average of (a and b);							CIA = 3			
Direct CO Attainment Level (DA) =40%CIA + 60% End-Term (c) ;							DA = 1.2			
Indirect CO Attainment Level (IA) (based on Exit Survey (d));							IA = 0			
							80 % of DA = 0.96			
							20 % IA = 0			
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PO Attainment Calculations											
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Average Mapping (M)	2.50	2.67	2.00	2.17	2.33	#REF!	2.33	2.33	2.33	2.33	2.17
PO / PSO Attainment Level	0.8	0.853333	0.64	0.693333	0.746667		0.746667	0.746667	0.746667	0.746667	0.693333



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