

SEMESTER	II	Modern Dialect	DM-421	75.78	CO1	3	1	1	1	0	1	0	0	3	0	1	3	3	0
				75.95	CO2	3	3	3	2	3	0	2	1	0	1	0	2	3	0
				77.27	CO3	3	1	2	1	1	3	3	3	3	2	3	3	3	0
				81.53	CO4	3	3	1	0	1	2	0	0	2	3	1	1	3	0
				82.3	CO5	2	1	3	1	0	0	3	2	0	0	2	0	3	0
		Environmental Studies	MC-421	97.36	CO1	0	0	0	0	0	3	3	3	0	0	0	1	0	0
				96.37	CO2	0	0	0	0	0	2	3	2	0	1	0	1	0	0
				95.77	CO3	3	2	2	0	0	0	0	0	0	0	0	1	0	0
				84.77	CO4	0	2	0	0	0	2	2	2	0	1	0	1	0	0
		Elements of Electronics Engineering	EE-421	94.17	CO1	3	3	1	1	1	3	1	0	0	0	2	1	3	
				94.72	CO2	3	3	3	3	3	2	1	1	0	0	3	2	3	
				92.19	CO3	3	3	0	0	0	0	0	0	0	0	1	0	3	
				93.23	CO4	3	3	3	2	1	3	0	0	0	0	0	0	3	
		CIRCUIT THEORY	EE-422	91.37	CO1	3	3	2	2	1	1	1	2	1					3
				86.3	CO2	3	3	2	2	1	1	1	2	1					3
				86.95	CO3	3	3	2	2	1	1	1	2	1					3
				91.31	CO4	3	3	2	2	1	1	1	2	1					3
				93.49	CO5	3	2	3	2	1	1	1	2	1					3
		Elements of Electrical Machines and Power System	EE-423	81.82	CO1	3	2			1			1			3		3	3
				87.38	CO2	3	3	3	3	1			3	1	2	2		2	2
				80.78	CO3	3	2			2	2		1			3		2	2
				79.97	CO4	3	3	3	3				3	1	2	2		3	2
				80.02	CO5	3	2			1			1			3		3	2
		ELECTRICAL ENGINEERING MATERIALS	EE-424	79.45	CO1	3											1	2	2
				87	CO2	3	2											2	2
				84.54	CO3	3			2									2	2
				84.35	CO4		2		2									2	2
				86.84	CO5	2					2						1	2	2
		Electrical Workshop	EE-425	78.38	CO1	3											2	3	2
				74.56	CO2		3										1	3	3
				72.78	CO3						3			2	2			3	2
				74.56	CO4			3			2				1			3	2
				71.59	CO5	3					3		2		1			3	3
		Electrical Engineering Practices	EE-426	82.11	CO1	3					3		2				3	3	1
				77.77	CO2	3	2			2	2	3	2				2	3	2
				76.01	CO3	3	2				2			2				3	1
				77.22	CO4	2		2					2				2	3	2
				76.01	CO5	3	2				3						3	3	2

INDUSTRIAL CHEMISTRY

CY 521	67.98	CO1	3	3	2	3	2	3	3		3	2	3	3	3	
	69.64	CO2	3	3	3	3	3	2	2		3		3	3	3	
	68.74	CO2	3	3	2	3	3	2	2		2		2	3	3	
	65.69	CO4	3	2	3	3	3	3	2		2	2	3	3	3	
	66.78	CO5	2	3	2	2	2	1	2		2	1	1	3	3	
MATERIAL SCIENCE DIL-521	89.54	CO1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	89.39	CO2	3	3	3	3	1		3	3	3	3	3	3	3	3
	92.04	CO3	3	3	3	3	3	1	3	3	3	3	3	3	3	3
	86.4	CO4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	90.96	CO5	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Digital Electronics and Logic Circuit Design EE-521	89.95	CO1	3											2	2	2
	88.69	CO2				3						3			2	2
	88.54	CO3			3	3									2	2
	94.41	CO4			3	3	3								2	2
	91.71	CO5						3			3	3			2	2
Electrical Machines (Asynchronous) EE-522	72.86	CO1	3											1	3	3
	72.91	CO2		3	3										3	3
	72.26	CO3		3	3			3							3	3
	74.17	CO4	3												3	3
	73.59	CO5			3			3							1	3
ELECTRICAL POWER GENERATION EE-523	86.74	CO1	3	3	2	2	1	1	1	2	1				3	
	82.82	CO2	3	3	2	2	1	1	1	2	1				3	
	92.23	CO3	3	3	2	2	1	1	1	2	1				3	
	94.15	CO4	3	3	2	2	1	1	1	2	1				3	
	88.13	CO5	3	3	2	2	1	1	1	2	1				3	
Sensor & Signal Conditioning EE-524	88.13	CO1	3	3	2	2	1	1	1	2	1				3	
	92.72	CO2	3	3	2	2	1	1	1	2	1				3	
	94.4	CO3	3	3	2	2	1	1	1	2	1				3	
	94.4	CO4	3	3	2	2	1	1	1	2	1				3	
	94.4	CO5	3	2	3	2	1	1	1	2	1				3	

SEMESTER V

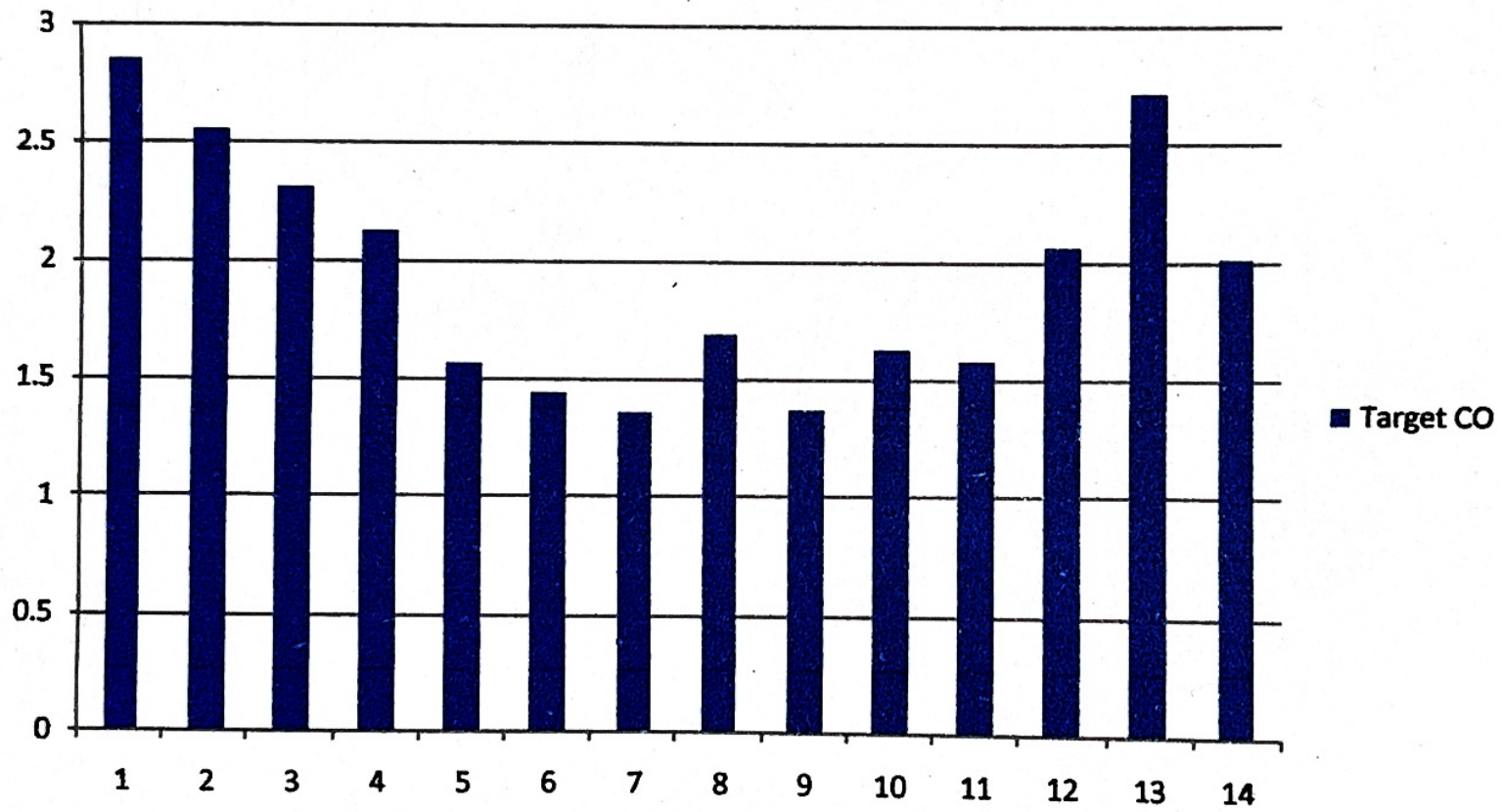
Engineering economics and entrepreneurship	HU-611	90.78	CO1							2	3					3		
		89.84	CO2							2	3						3	
		89.4	CO3							2	3						3	
		91.87	CO4							2	3						3	
		93.2	CO5							2	3						3	
NUMERICAL METHODS & IAR	AM-611	87.84	CO1	3	3	2	3	3	0	0	0	0	1	0	2	3	2	
		91.07	CO2	3	3	2	3	3	0	0	0	0	1	0	2	3	2	
		81.69	CO3	3	3	2	3	3	0	0	0	0	1	0	2	3	2	
		84.21	CO4	3	3	2	3	3	0	0	0	0	1	0	2	3	2	
		85.22	CO5	3	3	2	3	3	0	0	0	0	1	0	2	3	2	
Linear Control Systems	EE-611	85.96	CO1	3						3	2		2	1	2			
		80.99	CO2	3	3	2	3	1					2					
		77.25	CO3	3	2	3	3	2					2					
		75.36	CO4	3	3	3	3	2	3			2		2	2	2		
		76.69	CO5	3		3	3		3	2	3	2		2	2			
Electrical Machine (Synchronous and Serial)	EE-612	91.69	CO1	3											2	2	2	
		82.22	CO2					2					2				2	2
		85.16	CO3			2	3										2	2
		87.66	CO4			2	2	2									2	2
		93.98	CO5							2			2	2			2	2
Electromagnetic Field Theory	EE-613	67.9	CO1	3					2		2				1	3		
		67.02	CO2	3		3	2		2		2		2		1	3		
		68.39	CO3	2				2	2								3	
		65.05	CO4	2					2	2			2	2		2	3	
		64.95	CO5	2					2				2	2		2	3	
SEMINAR	EE-614	82	CO1										2			3	2	
		85.2	CO2	2			2								2	3	2	
		81.99	CO3												2	3	2	
		83	CO4										2			3	2	

CEMFCTE VI	Digital Signal Processing	EE-621D	73.23	CO1	3								2		1			
			73.89	CO2	2			2										
			78.63	CO2		2	2	2										
			70.29	CO4			2	2		2		1						
			79.79	CO5	3	2		2	2	2								
	POWER ELECTRONICS	EE-622	85.01	CO1	3										2	2	2	
			87.05	CO2				?					?			2	2	
			90.79	CO2			?	?								2	2	
			90.72	CO4			?	?	?							2	2	
			85.95	CO5						?			?	?		2	2	
	Non Linear and Discrete Control System	EE-623	91.57	CO1			3								2	3	2	
			97.38	CO2		3										?	?	
			91.44	CO2		?	?									?	?	
			91.44	CO4				?							?	?	?	
			91.05	CO5		?									?	?	?	
	Micromicroprocessor and Applications	EE-624	71.72	CO1	?	?	?	?	?	?	?	?	?	?	?	?	?	
			71.52	CO2	?	?	?	?	1	N	?	?	?	?	?	?	?	
			71.21	CO2	?	?	?	?	?	1	?	?	?	?	?	?	?	
			77.56	CO4	?	?	?	?	?	?	?	?	1	?	?	?	?	
			72.21	CO5	?	?	?	?	?	?	?	?	?	?	?	?	?	
	POWER SYSTEM PROTECTION	EE-625	86.85	CO1	3	3	2	2	1	1	1	2	1				3	
			86.85	CO2	3	3	2	2	1	1	1	2	1				3	
			89.12	CO2	3	3	2	2	1	1	1	2	1				3	
			89.8	CO4	3	3	2	2	1	1	1	2	1				3	
			89.32	CO5	3	2	3	2	1	1	1	2	1				3	
	UTILIZATION OF ELECTRICAL ENERGY	EE-626	82.16	CO1	?					?						?	?	1
			80.82	CO2		?	?										?	1
			81.79	CO2			?	?		?					1		?	1
			81.07	CO4	?		1			?							?	1
			82.66	CO5				?				?	?				?	1
	Advance Simulation	EE-627	82.7	CO1			?							?			?	2
			79.83	CO2	?			?		?					?		?	3
			80.69	CO2								?	?			?	?	2
			61.02	CO4		?		?				?		?			?	2
			61.02	CO5			?		?		?						?	3

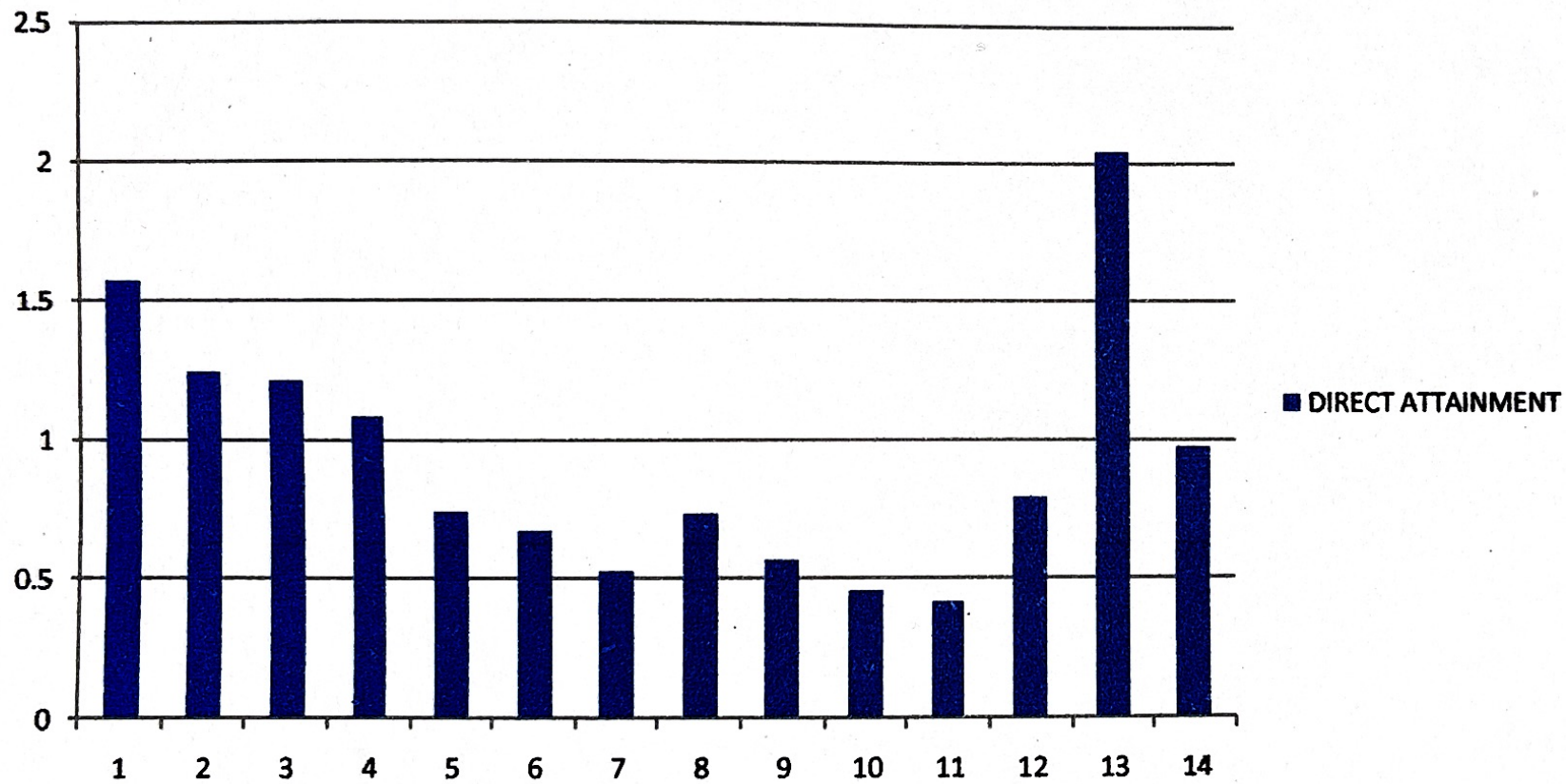
SFMECTE VII		Electrical Machine Section		EE-711	95.56	CO1	3		3							2	3		
					92.89	CO2			3								3		
					87.98	CO3		3							2		3		
					83.57	CO4		3					1				3		
					84	CO5				2	2						2		
		Computer Aided Drawn System		EE-712	88.75	CO1	3	3								2	3	3	
					88.75	CO2	3	2									3	3	
					87.66	CO3		3	2		3						3	3	
					85.7	CO4	3		3								3	3	
		ENERGY MANAGEMENT AUDITING		EE-713	97.04	CO1	3	3	2	2	1	1	1	2	1			3	
					95.60	CO2	3	3	2	2	1	1	1	2	1			3	
					94.81	CO3	3	3	2	2	1	1	1	2	1			3	
					93.68	CO4	3	3	2	2	1	1	1	2	1			3	
					94.26	CO5	3	2	3	2	1	1	1	2	1			3	
		Microcontroller and Embedded System		EE-714	84.6	CO1	3	3	2	2	1	1	1	2	1			3	
					80.8	CO2	3	3	2	2	1	1	1	2	1			3	
					80.46	CO3	3	3	2	2	1	1	1	2	1			3	
					86.23	CO4	3	3	2	2	1	1	1	2	1			3	
					84.71	CO5	3	2	3	2	1	1	1	2	1			3	
		Direct-Minor		EE-715	84.87	CO1			2						3			3	2
					83.98	CO2	3			3						2		3	3
					83.38	CO3								3	2			3	2
					83.98	CO4		3		2					3		3		2
					83.98	CO5			3		3							3	3
		POWER SYSTEM OPERATION		EE-716	87.78	CO1	3	3	2	2	1	1	1	2	1			3	
					76.66	CO2	3	3	2	2	1	1	1	2	1			3	
					74.49	CO3	3	3	2	2	1	1	1	2	1			3	
					86.99	CO4	3	3	2	2	1	1	1	2	1			3	
					87.09	CO5	3	2	3	2	1	1	1	2	1			3	

CFMESTF	VIII	Optimization Technique	EE-721B	78.89	CO1	3			3	2					1	3	3		
				78.85	CO2		2	2											3
				80	CO2				2	2						3	3		
				80.42	CO4				2				2			3	3		
				80.43	CO5	2	2									3	3		
		High Voltage Freq	EE-772	70.51	CO1	3			2		1				2	3	1		
				78.58	CO2			2		3	2					3	1		
				95.4	CO2	3									1	3	1		
				81.02	CO4			3				2				3	1		
				87.74	CO5			3		2					3	3	1		
		Electric Drive	EE-772	86.72	CO1	3		3							2	3			
				98.25	CO2			3								3			
				97.92	CO2		3							2		3			
				96.47	CO4		3				1					3			
				96.2	CO5				3	2						3			
		Direct Motor	EE-774	89	CO1				3	1	1	1	1	1	2	1	1		
				89.69	CO2				3	1	1	1	1	1	2	2	1		
				89.64	CO2				3	1	1	1	1	1	2	1	2		
				89.69	CO4				3	1	1	1	1	1	2	2	1		
				89.64	CO5				3	1	1	1	1	1	2	2	1		
		Advance Simulation Lab-II	EE-725	77.39	CO1	3		2		2					1				
				79.5	CO2		2	2	1										
				80.19	CO2			2		2				3					
				85.67	CO4	3	3												
				85.67	CO5		2		3	1									
				Target CO		2.85	2.55	2.31	2.12	1.56	1.44	1.35	1.69	1.36	1.63	1.58	2.06	2.71	2.01
				DIRECT		1.57	1.25	1.22	1.09	0.75	0.68	0.53	0.74	0.57	0.46	0.42	0.8	2.04	0.98
				INDIRECT ATTAINMENT		2.42	2.32	2.23	2.35	2.49	2.46	2.46	2.72	2.52	2.54	2.51	2.5	2.6	2.55
				TOTAL ATTAINMENT		1.74	1.464	1.422	1.342	1.098	1.036	0.916	1.136	0.96	0.876	0.838	1.14	2.152	1.294

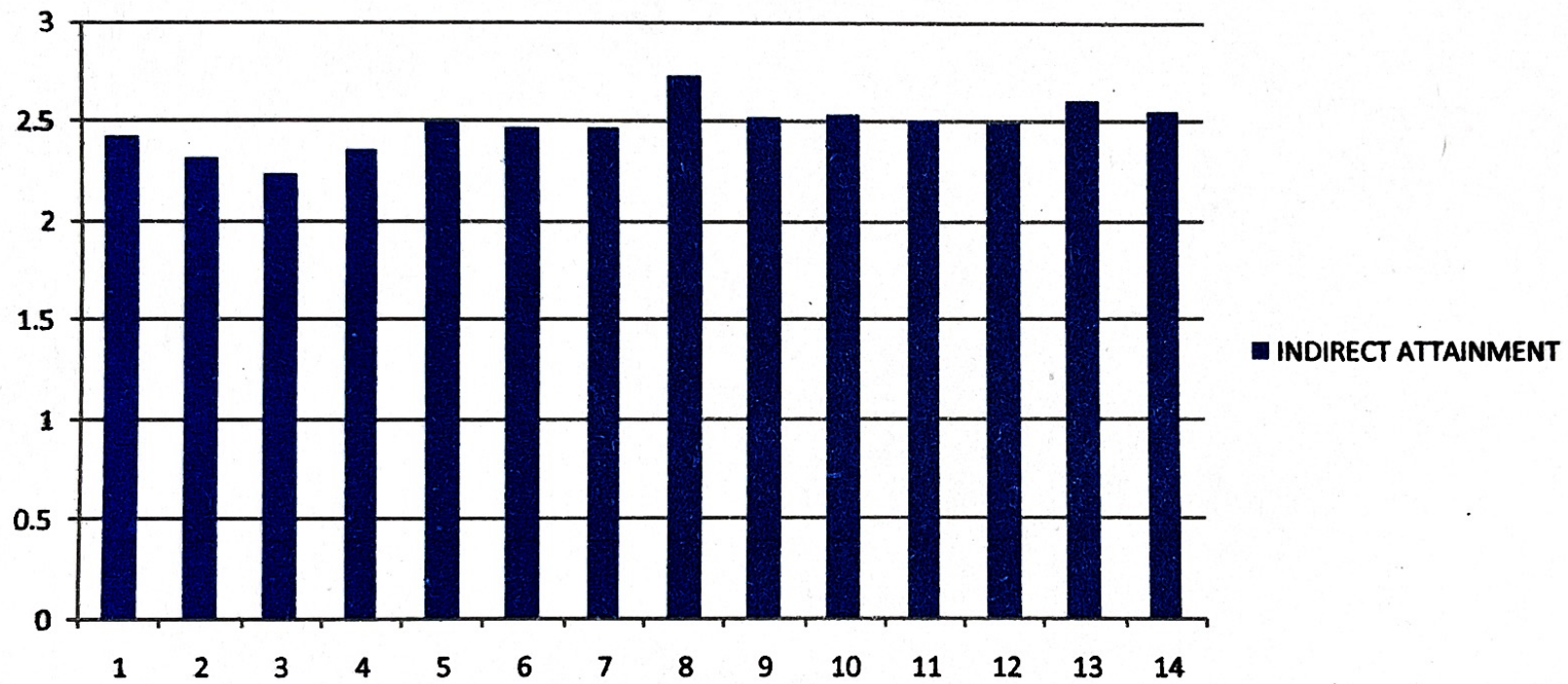
Target CO



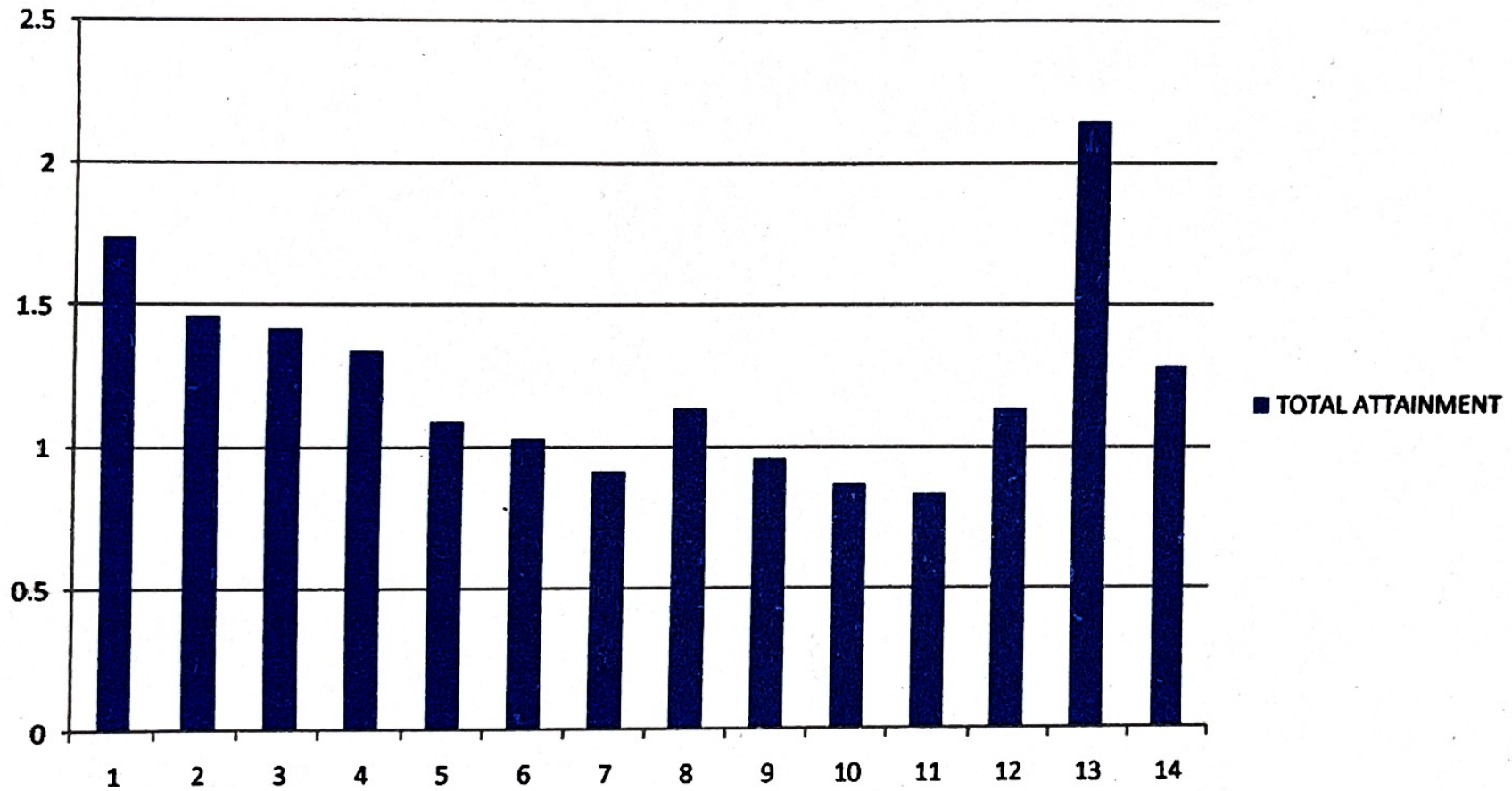
DIRECT ATTAINMENT



INDIRECT ATTAINMENT



TOTAL ATTAINMENT



Comparison

■ TOTAL ATTAINMENT
■ INDIRECT ATTAINMENT
■ DIRECT ATTAINMENT
■ Target CO

