

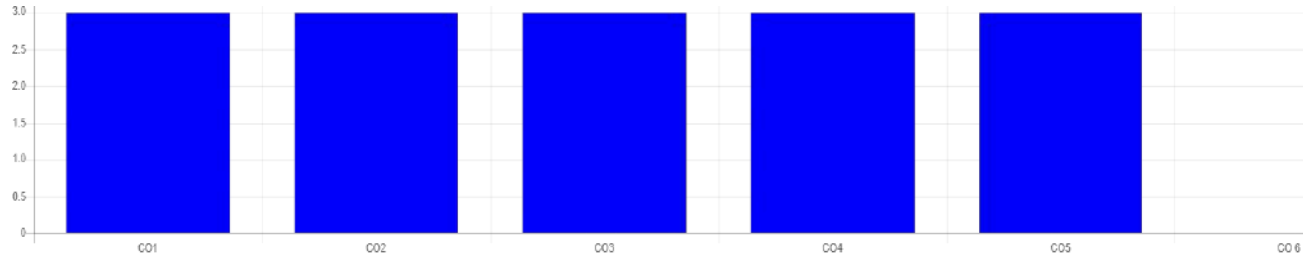


## Guru Gobind Singh College of Engineering & Research Centre, Nashik

203144-Electrical Measurement - Theory (2022-23) [ Nilima Bhamare ]

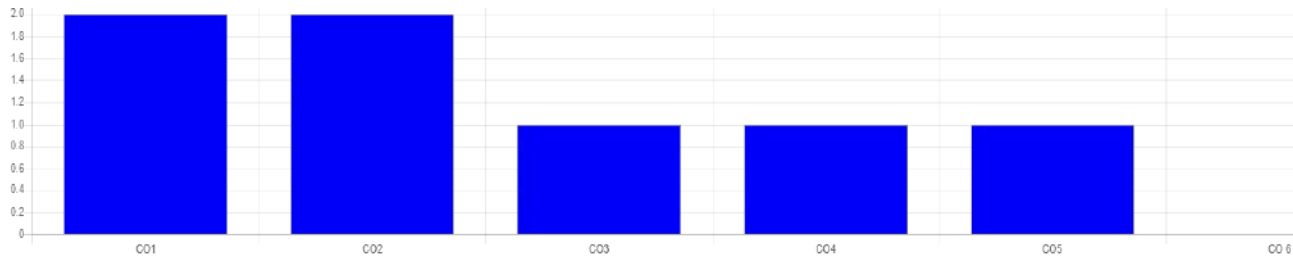
### Internal Assessment

Title	Type	% Weightage	CO1	CO2	CO3	CO4	CO5	CO 6
Unit Test 1	Internal	25	0.75	0.75	0.75	0.75	0.75	
Assignments	Internal	75	2.25	2.25	2.25	2.25	2.25	
Percent course outcome weightage			100.00	100.00	100.00	100.00	100.00	
Attainment as per percent weightage			3.00	3.00	3.00	3.00	3.00	
Final attainment			3	3	3	3	3	



### External Assessment

Title	Type	% Weightage	CO1	CO2	CO3	CO4	CO5	CO 6
SEE	External	100	2.00	2.00	1.00	1.00	1.00	
Percent course outcome weightage			100.00	100.00	100.00	100.00	100.00	
Attainment as per percent weightage			2	2	1	1	1	
Final attainment			2	2	1	1	1	



### Direct Total Attainment

Course Outcome	Internal	External
CO1	3.00	2.00
CO2	3.00	2.00
CO3	3.00	1.00
CO4	3.00	1.00
CO5	3.00	1.00
CO 6		
Average	3.00	1.40
Weightage	60	40
Direct Total Attainment	1.80	0.56
Final Direct Course Attainment		2.36

### Final Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1(PSO)	PSO2(PSO)
Final Attainment	1.97	1.73	1.38	1.38	1.31								1.10	
Percentage	65.67	57.67	46.00	46.00	43.67								36.67	





## Guru Gobind Singh College of Engineering & Research Centre, Nashik

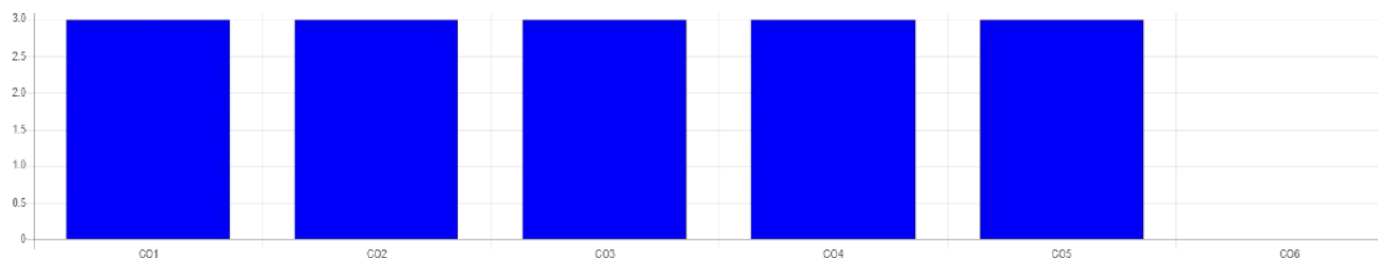
203144 - Electrical Measurement - Practical (2022-23) [ Nilima Bhamare ] [ Nilima Bhamare ] [ Nilima Bhamare ] [ Nilima Bhamare ]

### Internal Assessment

Batch [ SEEE-B1, SEEE-B2, SEEE-B3, SEEE-B4 ] Internal Assessment	Type	% Weightage	CO1	CO2	CO3	CO4	CO5	CO6
Practical's CIE [SEEE-B1, SEEE-B2, SEEE-B3, SEEE-B4]	Internal	100	3.00	3.00	3.00	3.00	3.00	
Percent course outcome weightage			100.00	100.00	100.00	100.00	100.00	
Attainment as per percent weightage			3	3	3	3	3	
Final Attainment			3	3	3	3	3	

### Internal Assessment Course Outcome Attainment Average

Course Outcome	CO1	CO2	CO3	CO4	CO5	CO6
Average	3.00	3.00	3.00	3.00	3.00	

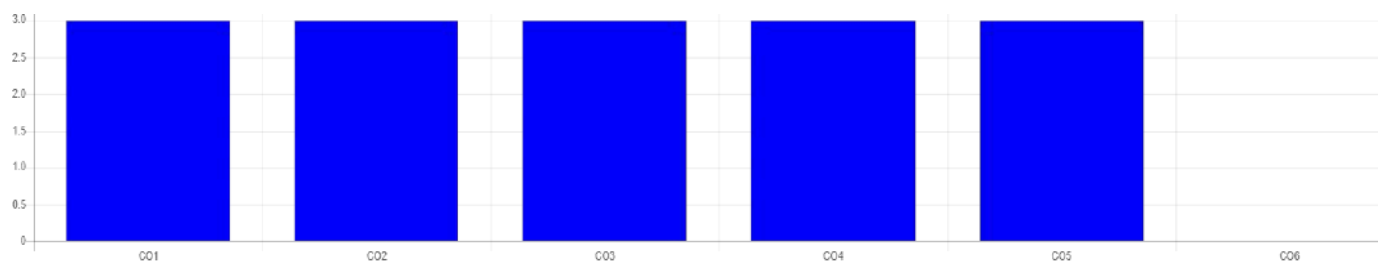


### External Assessment

Batch [ SEEE-B1, SEEE-B2, SEEE-B3, SEEE-B4 ] External Assessment	Type	% Weightage	CO1	CO2	CO3	CO4	CO5	CO6
SEE [SEEE-B1, SEEE-B2, SEEE-B3, SEEE-B4]	External	100	3.00	3.00	3.00	3.00	3.00	
Percent course outcome weightage			100.00	100.00	100.00	100.00	100.00	
Attainment as per percent weightage			3	3	3	3	3	
Final Attainment			3	3	3	3	3	

### External Assessment Course Outcome Attainment Average

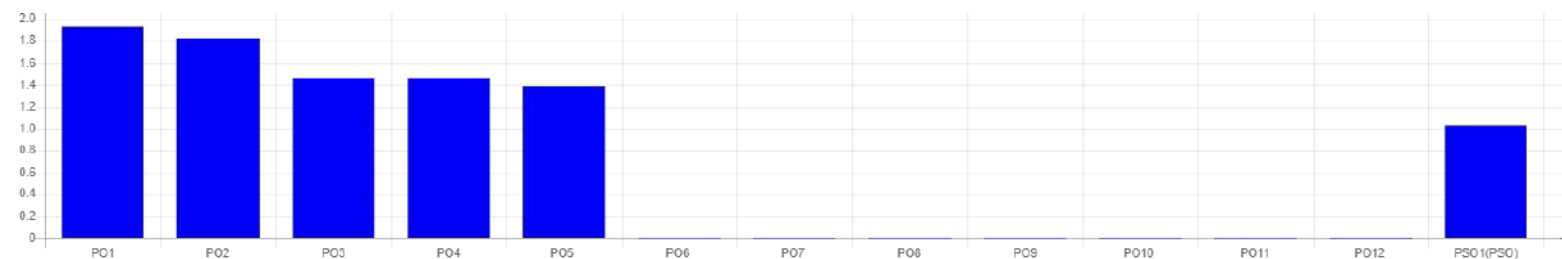
Course Outcome	CO1	CO2	CO3	CO4	CO5	CO6
Average	3.00	3.00	3.00	3.00	3.00	



### Direct Total Attainment

Course Outcome	Internal	External
CO1	3.00	3.00
CO2	3.00	3.00
CO3	3.00	3.00
CO4	3.00	3.00
CO5	3.00	3.00
CO6		
Average	2.50	2.50
Weightage	60	40
Direct Total Attainment	1.50	1.00
Final Direct Course Attainment	2.50	

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1(PSO)	PSO2(PSO)
Final Attainment	1.94	1.83	1.46	1.46	1.39								1.04	
Percentage	64.67	61.00	48.67	48.67	46.33								34.67	



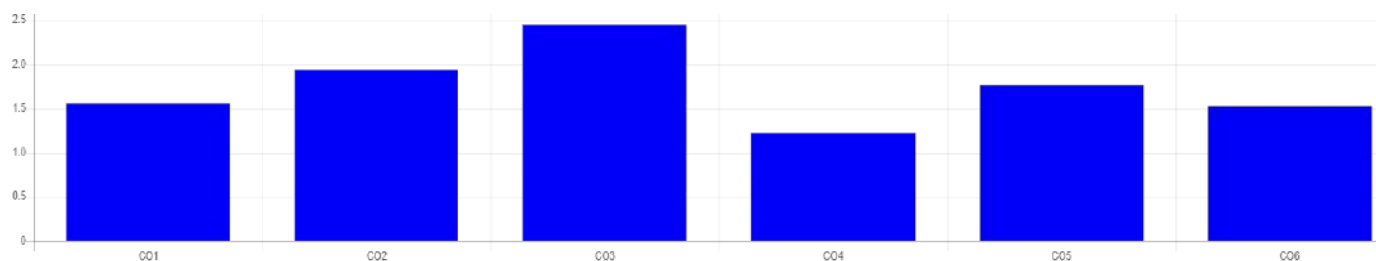


## Guru Gobind Singh College of Engineering & Research Centre, Nashik

203146 -Electrical Machines-I - Theory (2022-23) [ Prasad Phad ]

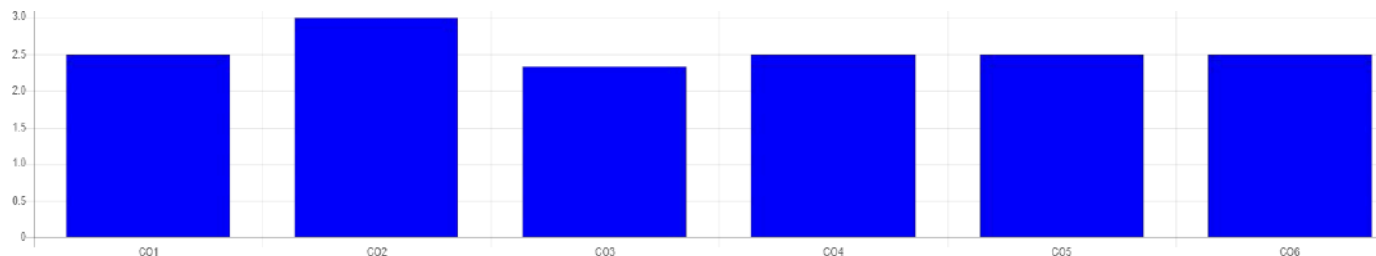
### Internal Assessment

Title	Type	% Weightage	CO1	CO2	CO3	CO4	CO5	CO6
Unit test I	Internal	25	0.25	0.38				
Prelim Exam	Internal	25			0.56	0.13	0.38	0.31
Assignment 01	Internal	10	0.30					
Assignment 02	Internal	10		0.30				
Assignment 03	Internal	10			0.30			
Assignment 04	Internal	10				0.30		
Assignment 05	Internal	5					0.15	
Assignment 06	Internal	5						0.15
Percent course outcome weightage			35.00	35.00	35.00	35.00	30.00	30.00
Attainment as per percent weightage			0.55	0.68	0.86	0.43	0.53	0.46
Final attainment			1.57	1.94	2.46	1.23	1.77	1.53



### External Assessment

Title	Type	% Weightage	CO1	CO2	CO3	CO4	CO5	CO6
SEE	External	100	2.50	3.00	2.33	2.50	2.50	2.50
Percent course outcome weightage			100.00	100.00	100.00	100.00	100.00	100.00
Attainment as per percent weightage			2.5	3	2.33	2.5	2.5	2.5
Final attainment			2.5	3	2.33	2.5	2.5	2.5

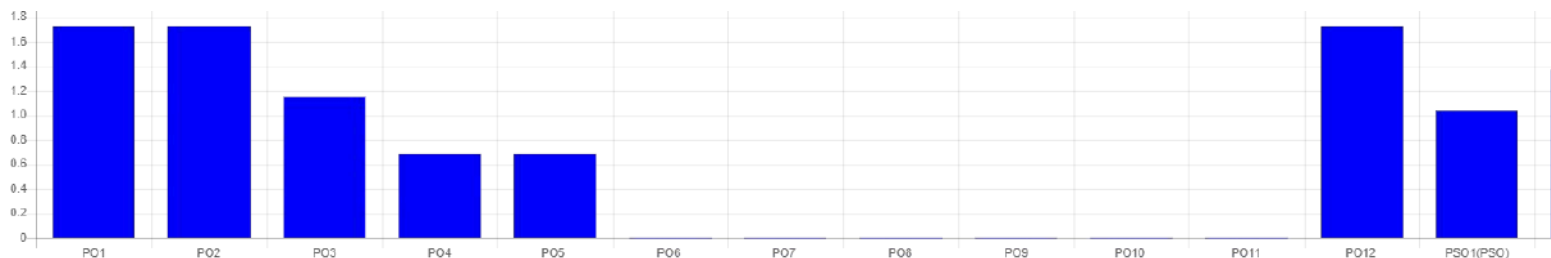


### Direct Total Attainment

Course Outcome	Internal	External
CO1	1.57	2.50
CO2	1.94	3.00
CO3	2.46	2.33
CO4	1.23	2.50
CO5	1.77	2.50
CO6	1.53	2.50
Average	1.75	2.56
Weightage	60	40
Direct Total Attainment	1.05	1.02
Final Direct Course Attainment	2.07	

### Final Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1(PSO)	PSO2(PSO)
Final Attainment	1.73	1.73	1.15	0.69	0.69							1.73	1.04	1.38
Percentage	57.67	57.67	38.33	23.00	23.00							57.67	34.67	46.00



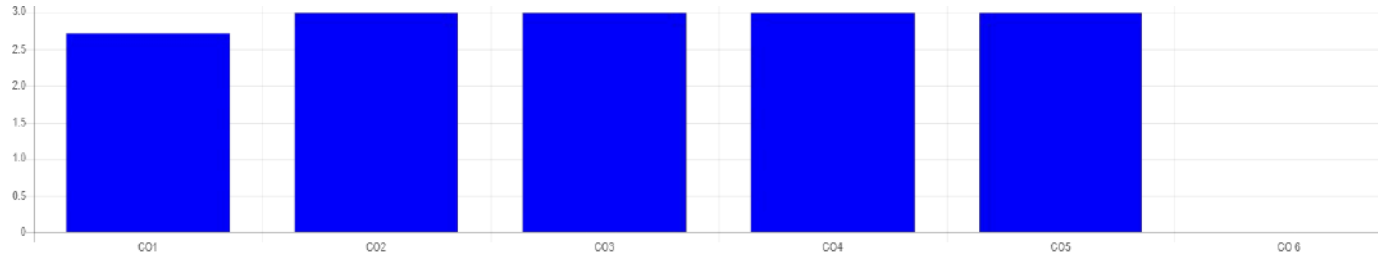


## Guru Gobind Singh College of Engineering & Research Centre, Nashik

303144-Electrical Installation Design and Condition Based Maintenance - Theory (2022-23) [ Nilima Bhamare ]

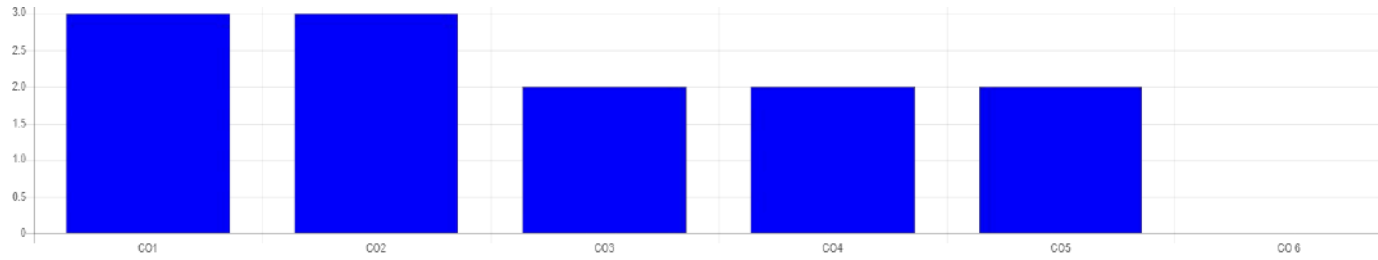
### Internal Assessment

Title	Type	% Weightage	CO1	CO2	CO3	CO4	CO5	CO 6
Unit Test 1	Internal	25	0.54	0.75				
Assignments	Internal	50	1.50	1.50	1.50	1.50	1.50	
EIDCBM Preliminary Exam	Internal	25			0.75	0.75	0.75	
Percent course outcome weightage			75.00	75.00	75.00	75.00	75.00	
Attainment as per percent weightage			2.04	2.25	2.25	2.25	2.25	
Final attainment			2.72	3	3	3	3	



### External Assessment

Title	Type	% Weightage	CO1	CO2	CO3	CO4	CO5	CO 6
SEE	External	100	3.00	3.00	2.00	2.00	2.00	
Percent course outcome weightage			100.00	100.00	100.00	100.00	100.00	
Attainment as per percent weightage			3	3	2	2	2	
Final attainment			3	3	2	2	2	

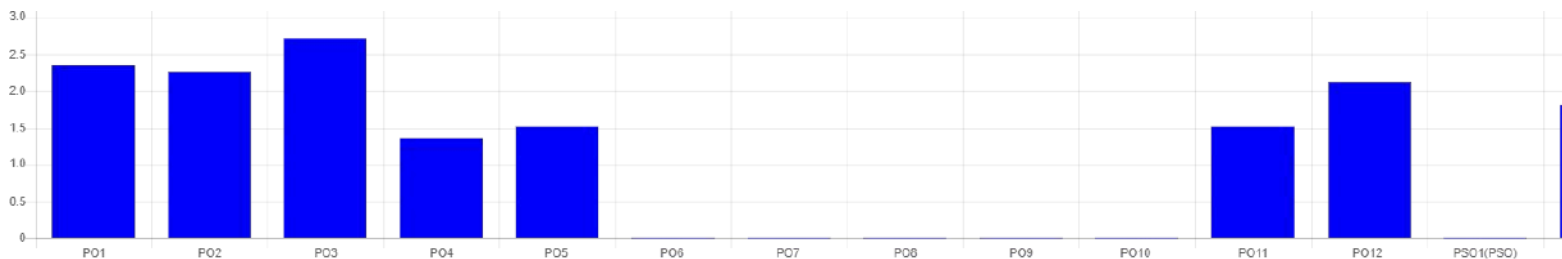


### Direct Total Attainment

Course Outcome	Internal	External
CO1	2.72	3.00
CO2	3.00	3.00
CO3	3.00	2.00
CO4	3.00	2.00
CO5	3.00	2.00
CO 6		
Average	2.94	2.40
Weightage	60	40
Direct Total Attainment	1.76	0.96
Final Direct Course Attainment	2.72	

### Final Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1(PSO)	PSO2(PSO)
Final Attainment	2.36	2.27	2.72	1.36	1.52						1.52	2.12		1.82
Percentage	78.67	75.67	90.67	45.33	50.67						50.67	70.67		60.67





## Guru Gobind Singh College of Engineering & Research Centre, Nashik

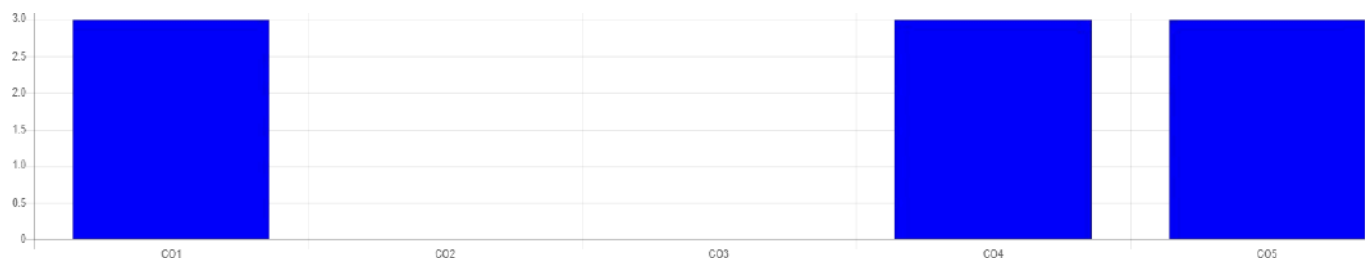
303144 Electrical Installation Design and Condition based Maintenance (Part-B) - Practical (2022-23) [ Nilima Bhamare ] [ Nilima Bhamare ] [ Nilima Bhamare ] [ Nilima Bhamare ]

### Internal Assessment

Batch [ TEEE-B1, TEEE-B2, TEEE-B3, TEEE-B4 ] Internal Assessment	Type	% Weightage	CO1	CO2	CO3	CO4	CO5
Practical's CIE [TEEE-B1, TEEE-B2, TEEE-B3, TEEE-B4]	Internal	100	3.00			3.00	3.00
Percent course outcome weightage			100.00			100.00	100.00
Attainment as per percent weightage			3			3	3
Final Attainment			3			3	3

### Internal Assessment Course Outcome Attainment Average

Course Outcome	CO1	CO2	CO3	CO4	CO5
Average	3.00			3.00	3.00

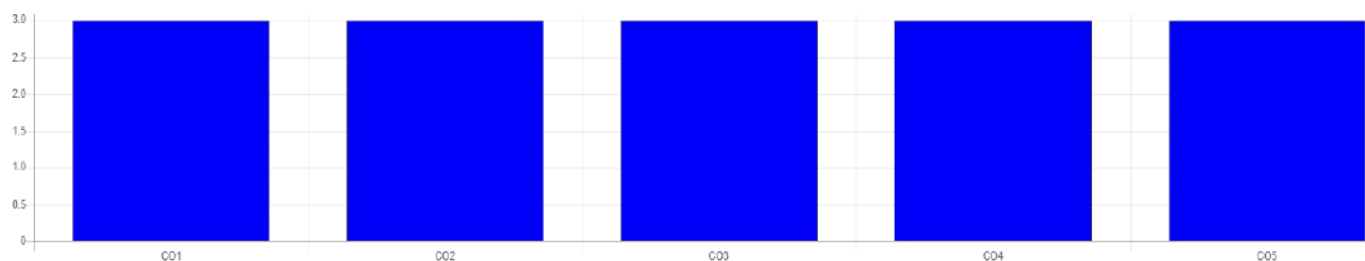


### External Assessment

Batch [ TEEE-B1, TEEE-B2, TEEE-B3, TEEE-B4 ] External Assessment	Type	% Weightage	CO1	CO2	CO3	CO4	CO5
SEE [TEEE-B1, TEEE-B2, TEEE-B3, TEEE-B4]	External	100	3.00	3.00	3.00	3.00	3.00
Percent course outcome weightage			100.00	100.00	100.00	100.00	100.00
Attainment as per percent weightage			3	3	3	3	3
Final Attainment			3	3	3	3	3

### External Assessment Course Outcome Attainment Average

Course Outcome	CO1	CO2	CO3	CO4	CO5
Average	3.00	3.00	3.00	3.00	3.00



### Direct Total Attainment

Course Outcome	Internal	External
CO1	3.00	3.00
CO2		3.00
CO3		3.00
CO4	3.00	3.00
CO5	3.00	3.00
Average	1.80	3.00
Weightage	60	40
Direct Total Attainment	1.08	1.20
Final Direct Course Attainment	2.28	

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1(PSO)	PSO2(PSO)
Final Attainment	1.52	1.90	1.52	1.52	1.52						1.27	1.77		1.52
Percentage	50.67	63.33	50.67	50.67	50.67						42.33	59.00		50.67





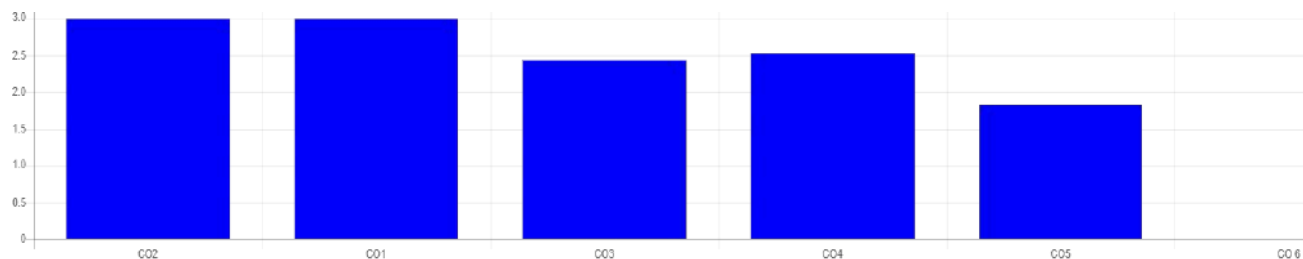


## Guru Gobind Singh College of Engineering & Research Centre, Nashik

303148-Power System-II - Theory (2022-23) [ Nilima Bhamare ]

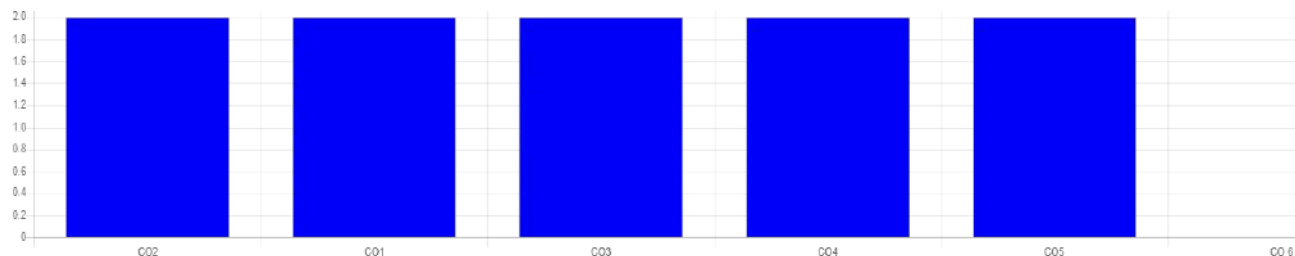
### Internal Assessment

Title	Type	% Weightage	CO2	CO1	CO3	CO4	CO5	CO 6
Unit Test 1	Internal	25	0.75	0.75				
Preliminary Exam	Internal	25			0.50	0.61	0.40	
Assignment No.1	Internal	10		0.30				
Assignment No.2	Internal	10	0.30					
Assignment No.3	Internal	10			0.30			
Assignment No.4	Internal	10			0.30			
Assignment No.5	Internal	5				0.15		
Assignment No.6	Internal	5					0.15	
Percent course outcome weightage			35.00	35.00	45.00	30.00	30.00	
Attainment as per percent weightage			1.05	1.05	1.10	0.76	0.55	
Final attainment			3	3	2.44	2.53	1.83	



### External Assessment

Title	Type	% Weightage	CO2	CO1	CO3	CO4	CO5	CO 6
SEE	External	100	2.00	2.00	2.00	2.00	2.00	
Percent course outcome weightage			100.00	100.00	100.00	100.00	100.00	
Attainment as per percent weightage			2	2	2	2	2	
Final attainment			2	2	2	2	2	

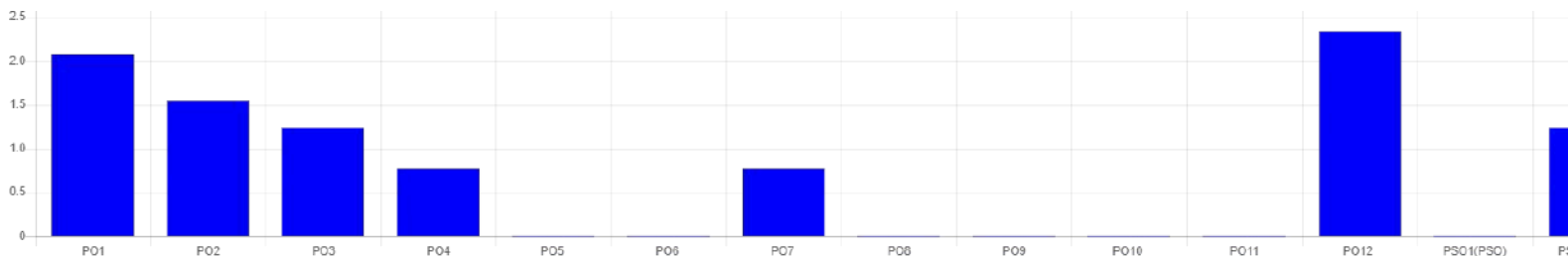


### Direct Total Attainment

Course Outcome	Internal	External
CO2	3.00	2.00
CO1	3.00	2.00
CO3	2.44	2.00
CO4	2.53	2.00
CO5	1.83	2.00
CO 6		
Average	2.56	2.00
Weightage	60	40
Direct Total Attainment	1.54	0.80
Final Direct Course Attainment	2.34	

### Final Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1(PSO)	PSO2(PSO)
Final Attainment	2.08	1.56	1.25	0.78			0.78					2.34		1.25
Percentage	69.33	52.00	41.67	26.00			26.00					78.00		41.67





## Guru Gobind Singh College of Engineering & Research Centre, Nashik

303148-Power System-II - Practical (2022-23) [ Nilima Bhamare ] [ Nilima Bhamare ] [ Nilima Bhamare ]

### Internal Assessment

Batch [ TE-B1 Batch, TE-B2 Batch, TE-B3 Batch ] Internal Assessment	Type	% Weightage	PCO1	PCO2	PCO3	PCO4
Practical's CIE [TE-B1 Batch, TE-B2 Batch, TE-B3 Batch]	Internal	100	3.00	3.00	3.00	3.00
Percent course outcome weightage			100.00	100.00	100.00	100.00
Attainment as per percent weightage			3	3	3	3
Final Attainment			3	3	3	3

### Internal Assessment Course Outcome Attainment Average

Course Outcome	PCO1	PCO2	PCO3	PCO4
Average	3.00	3.00	3.00	3.00



### External Assessment

Batch [ TE-B1 Batch, TE-B2 Batch, TE-B3 Batch ] External Assessment	Type	% Weightage	PCO1	PCO2	PCO3	PCO4
SEE TW & PR [TE-B1 Batch, TE-B2 Batch, TE-B3 Batch]	External	100	3.00	3.00	3.00	3.00
Percent course outcome weightage			100.00	100.00	100.00	100.00
Attainment as per percent weightage			3	3	3	3
Final Attainment			3	3	3	3

### External Assessment Course Outcome Attainment Average

Course Outcome	PCO1	PCO2	PCO3	PCO4
Average	3.00	3.00	3.00	3.00



### Direct Total Attainment

Course Outcome	Internal	External
PCO1	3.00	3.00
PCO2	3.00	3.00
PCO3	3.00	3.00
PCO4	3.00	3.00
Average	3.00	3.00
Weightage	60	40
Direct Total Attainment	1.80	1.20
Final Direct Course Attainment	3.00	

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1(PSO)	PSO2(PSO)
Final Attainment	3.00	2.00	2.00	1.00								3.00	1.00	
Percentage	100.00	66.67	66.67	33.33								100.00	33.33	





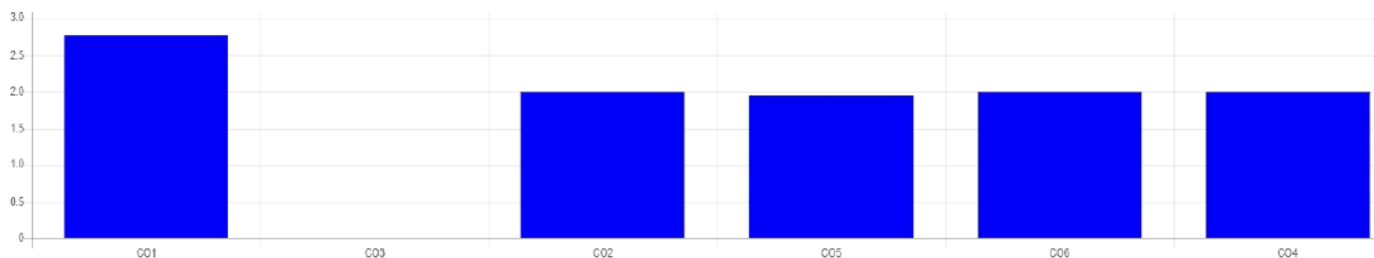


## Guru Gobind Singh College of Engineering & Research Centre, Nashik

403141-Power System Operation and Control - Theory (2022-23) [ Rutika More ]

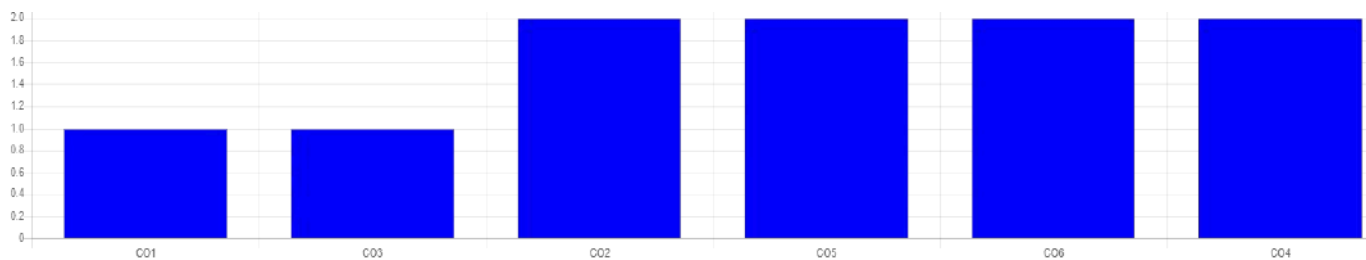
### Internal Assessment

Title	Type	% Weightage	CO1	CO3	CO2	CO5	CO6	CO4
Unit Test-I	Internal	25	0.58			0.46		
Assignments	Internal	50	1.50		1.50	1.50	1.50	1.50
Unit Test - II	Internal	25			0.00	0.00	0.00	0.00
Percent course outcome weightage			75.00		75.00	100.00	75.00	75.00
Attainment as per percent weightage			2.08		1.50	1.96	1.50	1.50
Final attainment			2.77		2	1.96	2	2



### External Assessment

Title	Type	% Weightage	CO1	CO3	CO2	CO5	CO6	CO4
SEE	External	100	1.00	1.00	2.00	2.00	2.00	2.00
Percent course outcome weightage			100.00	100.00	100.00	100.00	100.00	100.00
Attainment as per percent weightage			1	1	2	2	2	2
Final attainment			1	1	2	2	2	2

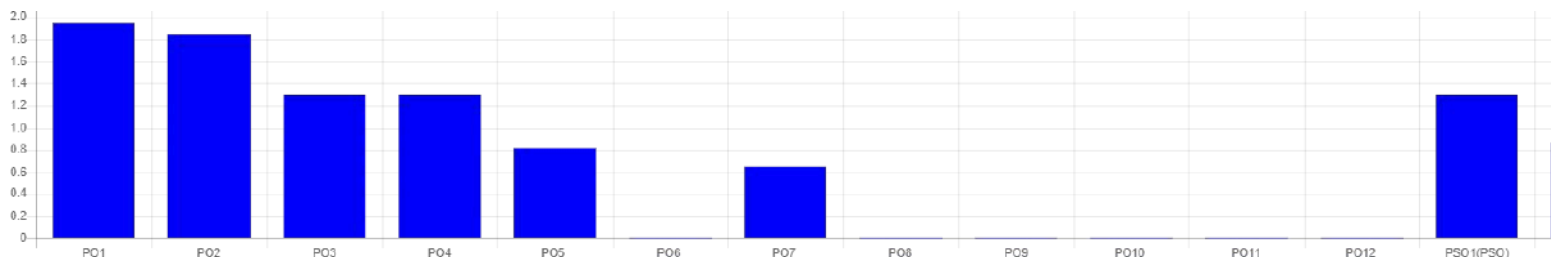


### Direct Total Attainment

Course Outcome	Internal	External
CO1	2.77	1.00
CO3		1.00
CO2	2.00	2.00
CO5	1.96	2.00
CO6	2.00	2.00
CO4	2.00	2.00
Average	2.15	1.67
Weightage	60	40
Direct Total Attainment	1.29	0.67
Final Direct Course Attainment		1.96

### Final Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1(PSO)	PSO2(PSO)
Final Attainment	1.96	1.85	1.31	1.31	0.82		0.65						1.31	0.87
Percentage	65.33	61.67	43.67	43.67	27.33		21.67						43.67	29.00



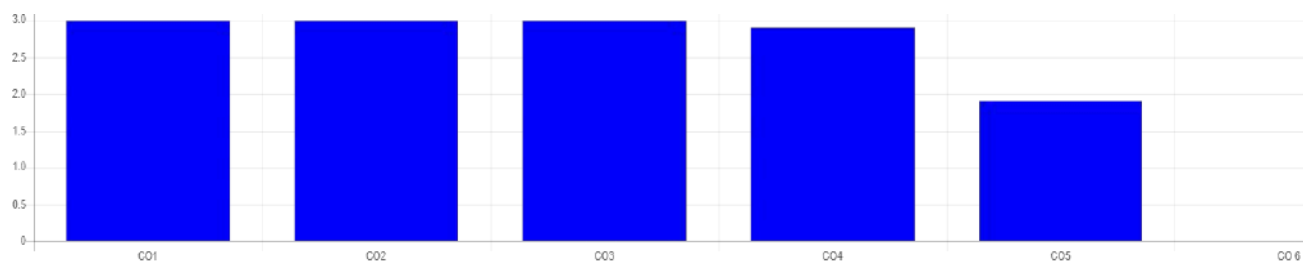


## Guru Gobind Singh College of Engineering & Research Centre, Nashik

403 150 C: Smart Grid - Theory (2022-23) [ Nilima Bhamare ]

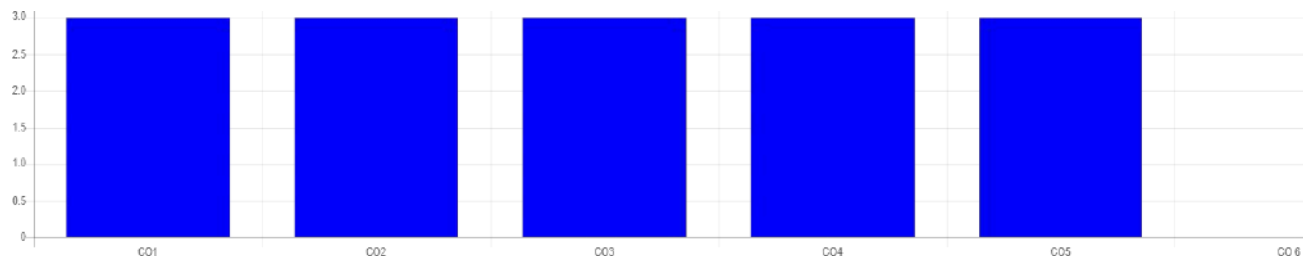
### Internal Assessment

Title	Type	% Weightage	CO1	CO2	CO3	CO4	CO5	CO 6
Unit Test 1	Internal	25	0.75	0.75				
Preliminary Exam 2	Internal	25			0.75	0.72	0.38	
Assignment No.1	Internal	8	0.24					
Assignment No.2	Internal	8		0.24				
Assignment No.3	Internal	8			0.24			
Assignment No.4	Internal	8				0.24		
Assignment No.5	Internal	9					0.27	
Assignment No.6	Internal	9						
Percent course outcome weightage			33.00	33.00	33.00	33.00	34.00	
Attainment as per percent weightage			0.99	0.99	0.99	0.96	0.65	
Final attainment			3	3	3	2.91	1.91	



### External Assessment

Title	Type	% Weightage	CO1	CO2	CO3	CO4	CO5	CO 6
SEE	External	100	3.00	3.00	3.00	3.00	3.00	
Percent course outcome weightage			100.00	100.00	100.00	100.00	100.00	
Attainment as per percent weightage			3	3	3	3	3	
Final attainment			3	3	3	3	3	



### Direct Total Attainment

Course Outcome	Internal	External
CO1	3.00	3.00
CO2	3.00	3.00
CO3	3.00	3.00
CO4	2.91	3.00
CO5	1.91	3.00
CO 6		
Average	2.76	3.00
Weightage	60	40
Direct Total Attainment	1.66	1.20
Final Direct Course Attainment	2.86	

### Final Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1(PSO)	PSO2(PSO)
Final Attainment	2.38	1.71	1.19	0.95	2.86		1.90					2.86	1.90	
Percentage	79.33	57.00	39.67	31.67	95.33		63.33					95.33	63.33	

