



# GGSF-Engineering

## Combined Direct Indirect Outcome Report - [Computer Engineering - 2022-23]

Sem-1: FECO																
Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	
No subject found for this semester.																
Sem-3: SECO-A																
Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	
210241	0.96	1.34	1.44	1.28									0.80	0.80		
210242_Th	0.35	0.38	0.41	0.43												
210243_Th	1.18	0.81	0.94	0.81								0.67	1.68	1.80		
210244	1.56	1.30	1.04	0.87									0.87	0.87		
210245	1.20	0.80	1.20	0.60												
210251_Th						0.60			0.60	1.50	0.80	0.75	0.60	0.60		
210247_Pr	0.80	1.05	1.05	0.60												
210247_Pr	0.90	0.84	1.08	0.60												
210248	1.80	1.20	1.35	0.60												
210249									1.50	1.20	0.60	1.00				
210250							1.20	1.20	1.20			0.60				
210247_Pr	0.90	0.84	1.08	0.60												
Sem-3: SECO-B																
Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	
210241	1.07	1.48	1.60	1.42									0.89	0.89		
210242	0.87	0.93	1.00	1.07												
210243	0.69	0.48	0.55	0.48								0.40				
210244	0.35	0.38	0.31	0.25												
	0.22	0.14	0.22	0.11												
210251_Th					0.60				0.60	1.50	0.80	0.75	0.60			
210246	0.80	1.05	1.05	0.60												
210249									0.60	0.48	0.24	0.40				
210250							1.20	1.20	1.20			0.60				
210248_Pr	1.80	1.20	1.35	0.60									1.00	1.20		
210247	0.90	0.90	0.75	0.60												
Sem-5: TECO-A																
Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	
310241	0.67	0.67	0.94	0.50	0.33	0.67	0.33	0.33	0.67	0.33	0.33	0.89				
310242_Th	2.29	2.29	1.78	1.66	0.76							1.02	1.53	1.28	1.15	
310243	1.00	0.84	0.75	0.67								0.50				
310244	0.80	1.05	0.84	0.84	0.96	0.60	0.90	0.60	0.60	0.60	0.60	0.60				
310245(A)	1.18	1.09	0.91	1.27	1.20	1.50		0.54	0.87	0.54	0.76	0.91				

310250_AC																
310248_Pr	0.80	1.20	1.40	0.80		1.20			1.40	0.90	1.00	0.60	1.20	1.80		
310248	0.40	0.80	0.80	0.80	0.93							0.40	0.40	0.40	0.40	
310246	1.20	0.80	1.50		1.40	0.60	0.80	0.60	1.80	0.80	0.80	0.75				
310247_Pr	1.20	1.20	1.20	0.60	0.72	0.60	0.60	0.60	0.90	0.60	0.60	0.60	1.50	1.44		
<b>Sem-5: TECO-B</b>																
<b>Course Code</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	
310241_Th	0.86	0.86	1.20	0.64	0.43	0.86	0.43	0.43	0.86	0.43	0.43	1.14				
310242	1.80	1.80	1.40	1.30	0.60										0.80	
310243	1.13	0.94	0.85	0.75											0.56	
310247	0.63	0.83	0.66	0.66	0.76	0.47	0.47	0.47	0.47	0.47	0.47	0.47				
310245A_Th	1.13	1.04	0.87	1.21	1.14	1.43		0.52	0.83	0.52	0.73	0.87				
310250																
310247_Pr	2.00	2.00	2.00	1.00	1.20	1.00	1.00	1.00	1.50	1.00	1.00	1.00	2.50	2.40		
310248																
310248	0.60	1.20	1.20	1.20	1.40							0.60			1.20	
310246_Pr	1.00	0.67	1.25		1.17	0.50	0.67	0.50	1.50	0.67	0.67	0.63	1.08	0.90		
<b>Sem-7: BECO</b>																
<b>Course Code</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	
410241-Th	1.54	2.10	1.68	1.68								2.18				
410242_Th	1.87	1.63	1.87	1.09	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	1.24	0.93	1.40	
410243_Th	1.60	1.42	1.13	1.13	1.13							1.13	1.13	1.13		
410244B	2.33	2.17	2.00	1.60	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
410245 (D)	0.38	0.52	0.53	0.62	0.62	0.29	0.29	0.38	0.53	0.34	0.48	0.29				
410244_Th	1.06	1.06	1.06	1.06	1.06	1.06										
410249																
410246	1.80	1.20	1.50		0.60			0.60	1.20		1.20	1.20				
410246_Pr	1.80	1.80	1.80	1.00	1.20	0.80		0.60	1.20		1.20	1.80				
410247	0.70		1.20	1.20	1.80	1.20		1.20	1.20	1.20	1.00	1.20				
410248																
410247	0.70		1.20	1.20	1.80	1.20		1.20	1.20	1.20	1.00	1.20				
<b>Sem-4: SECO-A</b>																
<b>Course Code</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	
207003	0.52	0.34										0.17	0.17			
210252	0.98	0.92	0.82	0.61									0.92	1.23		
210253-Th	0.56	1.11	1.00	0.56		1.11	1.11	1.11					1.00	1.11		
210254	0.90	0.60	0.75	0.68									0.45	0.54		
210255	0.40	0.30	0.36	0.40									0.28	0.35		
210261																
210257	0.40	0.20	0.40	0.20									0.20			
210256_Pr	1.00	1.80	1.80	1.33									2.00	2.25		
210259_Th	0.45	0.75	0.53	0.75	0.75								0.50	0.75		
207003_Tu	1.80	1.20											0.60	0.60		



Project															
Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
Average outcome	1.02	0.99	1.01	0.82	0.67	0.40	0.22	0.32	0.41	0.31	0.34	0.52	0.68	0.71	0.17
Attainment (80% of average outcome)	0.81	0.80	0.81	0.65	0.53	0.32	0.18	0.25	0.33	0.25	0.27	0.42	0.55	0.57	0.13
Indirect Feedback	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
BECO: Feedback on Industrial Visit at Ideas to Impacts,Nashik			2.54		2.54							2.44			
Teaching-Learning Feedback	1.98		2.08		1.98	2.08	2.08	2.03		2.10	1.98	2.02			
Teaching-Learning Feedback	2.07		2.17		2.07	2.17	2.17	2.10		2.24	2.07	2.08			
Teaching-Learning Feedback	2.02		2.18		2.02	2.18	2.18	2.13		2.17	2.01	2.07			
Teaching-Learning Feedback	2.07		2.21		2.07	2.21	2.21	2.28		2.28	2.15	2.15			
Teaching-Learning Feedback	1.99		2.16		1.99	2.16	2.16	2.14		2.21	2.00	2.06			
Teaching-Learning Feedback	2.00		2.19		2.00	2.19	2.19	2.24		2.20	2.08	2.08			
Teaching-Learning Feedback	1.93		2.16		1.93	2.16	2.16	2.10		2.10	1.96	2.02			
Teaching-Learning Feedback	2.15		2.37		2.15	2.37	2.37	2.30		2.32	2.18	2.23			
Teaching-Learning Feedback	2.14		2.27		2.14	2.27	2.27	2.33		2.32	2.19	2.19			
Teaching-Learning Feedback	2.00		2.22		2.00	2.22	2.22	2.23		2.20	2.01	2.09			
Teaching-Learning Feedback	2.13		2.30		2.13	2.30	2.30	2.29		2.29	2.14	2.17			
Teaching-Learning Feedback	1.90		2.08		1.90	2.08	2.08	2.05		2.08	1.96	1.97			
Teaching-Learning Feedback	2.18		2.33		2.18	2.33	2.33	2.30		2.32	2.24	2.24			
Teaching-Learning Feedback	2.17		2.33		2.17	2.33	2.33	2.32		2.34	2.20	2.23			
Teaching-Learning Feedback	2.12		2.26		2.12	2.26	2.26	2.23		2.23	2.14	2.19			
Teaching-Learning Feedback	2.25		2.29		2.25	2.29	2.29	2.36		2.32	2.23	2.23			
Teaching-Learning Feedback	2.14		2.36		2.14	2.36	2.36	2.25		2.25	2.15	2.22			
Teaching-Learning Feedback	2.17		2.24		2.17	2.24	2.24	2.19		2.25	2.15	2.16			
Teaching-Learning Feedback	2.13		2.22		2.13	2.22	2.22	2.27		2.22	2.18	2.18			
Teaching-Learning Feedback	2.14		2.27		2.14	2.27	2.27	2.23		2.30	2.16	2.17			
Teaching-Learning Feedback	2.04		2.20		2.04	2.20	2.20	2.13		2.21	2.07	2.11			
Teaching-Learning Feedback	2.18		2.30		2.18	2.30	2.30	2.13		2.26	2.14	2.20			
Teaching-Learning Feedback	2.36		2.45		2.36	2.45	2.45	2.36		2.45	2.34	2.36			
Teaching-Learning Feedback	2.03		2.17		2.03	2.17	2.17	2.11		2.19	2.05	2.09			
Teaching-Learning Feedback	2.11		2.18		2.11	2.18	2.18	2.19		2.22	2.11	2.13			
Teaching-Learning Feedback	2.11		2.24		2.11	2.24	2.24	2.14		2.24	2.08	2.13			
Teaching-Learning Feedback	2.28		2.44		2.28	2.44	2.44	2.35		2.40	2.27	2.33			
Teaching-Learning Feedback	2.17		2.21		2.17	2.21	2.21	2.22		2.20	2.18	2.20			
Teaching-Learning Feedback	2.30		2.30		2.30	2.30	2.30	2.30		2.38	2.30	2.30			
Teaching-Learning Feedback	2.08		2.07		2.08	2.07	2.07	2.11		2.13	2.10	2.09			
Teaching-Learning Feedback	2.20		2.27		2.20	2.27	2.27	2.25		2.27	2.17	2.21			
Teaching-Learning Feedback	1.97		2.05		1.97	2.05	2.05	2.06		2.05	2.01	2.03			
Teaching-Learning Feedback	2.10		2.20		2.10	2.20	2.20	2.17		2.20	2.13	2.14			
Teaching-Learning Feedback	2.33		2.37		2.33	2.37	2.37	2.36		2.39	2.34	2.33			
Teaching-Learning Feedback	2.03		2.07		2.03	2.07	2.07	2.06		2.14	2.09	2.05			





2023-04-Stud-TL-COC	2.07		2.21		2.07	2.21	2.21	2.22		2.23	2.13	2.11			
2023-04-Stud-TL-COC	2.09		2.15		2.09	2.15	2.15	2.11		2.16	2.12	2.14			
2023-04-Stud-TL-COC	2.03		2.22		2.03	2.22	2.22	2.11		2.17	2.06	2.13			
2023-04-Stud-TL-MIII-Tutorial	2.12		2.24		2.12	2.24	2.24	2.23		2.25	2.16	2.16			
2023-04-Stud-TL-MIII-Tutorial	2.05		2.24		2.05	2.24	2.24	2.19		2.22	2.12	2.13			
2023-04-Stud-TL-MIII-Tutorial	2.20		2.27		2.20	2.27	2.27	2.30		2.29	2.17	2.21			
2023-05-CO-Stud-Cexit-Deep Learning	1.32	1.51	1.73	1.35	1.20		0.75						1.79	1.48	0.75
2023-05-CO-Stud-Cexit-SE-Project_Based_Learning-II	1.48	1.47											1.48	1.85	1.11
2023-05-CO-Stud-Cexit-Artificial Intelligence	1.82	1.71	2.07	1.56	0.78								1.56	1.37	
2023-05-CO-Stud-Cexit-Artificial Intelligence	1.88	1.76	2.12	1.61	0.82								1.61	1.40	
2023-05-CO-Stud-Cexit-TE-WT	0.81	1.19	1.20	1.58	0.80				0.79						
2023-05-CO-Stud-Cexit-TE-WT	0.79	1.19	1.19	1.58	0.79				0.79						
2023-05-CO-Stud-Cexit-Cloud_Computing	0.82	1.64	1.23	1.08	1.25							0.82	1.44	1.63	
2023-05-CO-Stud-Cexit-Cloud_Computing	0.80	1.59	1.19	1.05	1.19							0.79	1.39	1.59	
2023-05-CO-Stud-Coexit-SE-microporcessor		1.58	1.57	1.59	1.59	1.61	1.61		1.61				1.58	1.58	1.58
2023-05-CO-Stud-Coexit-SE-microporcessor		1.53	1.52	1.53	1.54	1.56	1.56		1.56				1.53	1.53	1.53
2023-05-CO-Stud-Cexit-SE-Software_Engineering	1.53	0.76			1.01				0.77		0.77	0.76			
2023-05-CO-Stud-Cexit-AC-TE		2.41	2.41						2.40		2.40	2.40	2.41	2.41	2.41
2023-05-CO-Stud-Cexit-AC-TE		2.25	2.25						2.50		2.50	2.50	2.38	2.38	2.38
2023-05-CO-Stud-Cexit-engineering_Mathematics -III	2.05	1.37											0.68	0.68	
2023-05-CO-Stud-Cexit-engineering_Mathematics -III	2.25	1.49											0.76	0.76	
2023-05-CO-Stud-Cexit-MIII-Tutorial	2.15	1.43											0.73	0.73	
2023-05-CO-Stud-Cexit-MIII-Tutorial	2.27	1.49											0.75	0.75	
2023-05-Co-Stud-Cexit-LP-II	0.86		1.47	1.38	2.21	1.38		1.47	1.47	1.47	1.47	1.47	0.98	1.45	
2023-05-Co-Stud-Cexit-LP-II	0.94		1.63	1.64	2.44	1.64		1.63	1.63	1.63	1.63	1.63	1.08	1.63	
2023-05-Stud-Cexit-DSA	1.18	1.09	0.97	0.73											
2023-05-Stud-Cexit-DSA	1.17	1.09	0.97	0.72											
2023-05-Stud-Cexit-DSAL	0.74	1.33	1.33	0.98									0.88	0.98	
2023-05-Stud-Cexit-DSAL	0.71	1.28	1.29	0.93									0.85	0.95	
2023-05-Stud_Cexit_MP		1.47	1.47	1.47	1.48	1.46	1.46		1.46				1.47	1.47	1.47
2023-05-Stud_Cexit_MP		1.45	1.47	1.46	1.51	1.52	1.52		1.52				1.48	1.48	1.48
2023-05-Stud-Cexit-MPL		1.47	1.47	1.47									1.50	1.50	1.50
2023-05-Stud-Cexit-MPL		1.45	1.45	1.45									1.50	1.50	1.50
2023-05-Stud-Cexit-SE	1.45	0.72			0.97				0.72		0.72	0.73			
2023-05-Stud-Cexit-SE	1.46	0.73			0.97				0.73		0.73	0.72			
2023-05-Stud-Cexit-PPL	1.80	1.68	1.92		2.19								2.16	1.44	
2023-05-Stud-Cexit-PPL	1.81	1.69	1.92		2.19								2.17	1.44	
2023-05-Stud-Cexit-PBL-II	1.47	1.44		2.12	1.47	2.14						1.46	1.69	1.70	1.09
2023-05-Stud-Cexit-PBL-II	1.48	1.44		2.22	1.46	2.17						1.48	1.73	1.70	1.10
2023-05-Stud-Cexit-HPC	1.27	1.14		1.52		0.76									
2023-05-Stud-Cexit-DL	1.41	1.60	1.83	1.42	1.27		0.80						1.90	1.58	0.80

2023-05-Stud-Cexit-NLP	1.84	2.10	2.18	1.88	1.67								1.95	1.95	
2023-05-Stud-Cexit-BI	1.20	1.42	1.20	1.00	0.99								1.20	0.84	0.82
2023-05-Stud-Cexit-LP-V	1.78	1.93	1.62	1.82	2.02	0.81	0.82					0.80	0.80	1.21	
2023-05-Stud-Cexit-LP-VI	1.65	1.65	1.65	1.65	1.65			1.65		1.65	1.64	1.65	1.65	1.65	1.65
2023-05-Stud-Cexit-AC8	0.83	0.83	1.66		0.83					1.66		2.49	0.83	0.83	
2023-05-Stud-Cexit-DSBDA	1.43	1.41	1.97	1.07	0.67	1.43	0.71	0.71	1.43	0.71	0.71	1.88	1.41	1.25	1.17
2023-05-Stud-Cexit-DSBDA	1.62	1.62	2.27	1.21	0.81	1.62	0.81	0.81	1.62	0.81	0.81	2.16	1.62	1.42	1.35
2023-05-Stud-Cexit-WT	0.99	1.08	1.11	1.22	1.09	0.70	0.67	0.68	0.62	0.67	0.71	0.67			
2023-05-Stud-Cexit-WT	1.13	1.30	1.30	1.46	1.30	0.81	0.81	0.81	0.81	0.81	0.81	0.81			
2023-05-Stud-Cexit-AI	1.69	1.55	1.89	1.52	0.74								1.44	1.29	
2023-05-Stud-Cexit-AI	1.84	1.70	2.10	1.52	0.83								1.57	1.36	
2023-05-Stud-Cexit-CC	0.74	1.48	1.10	0.97	1.12							0.73	1.30	1.48	
2023-05-Stud-Cexit-CC	0.80	1.60	1.20	1.06	1.19							0.79	1.40	1.60	
2023-05-Stud-Cexit-DSBDAL	1.44	1.44	1.44	1.46	1.56	1.46					2.17				
2023-05-Stud-Cexit-DSBDAL	1.51	1.51	1.51	1.50	1.63	1.52					2.29				
2023-05-Stud-Cexit-WTL	1.20	1.20	1.93	0.96	1.08	0.72	0.72		0.72	0.72	0.72	0.72			
2023-05-Stud-Cexit-WTL	1.35	1.36	2.15	1.10	1.21	0.81	0.81		0.83	0.81	0.79	0.79			
Average outcome	1.79	1.45	1.93	1.27	1.85	2.00	2.00	2.04	1.42	2.02	1.92	1.87	1.49	1.45	1.37
Attainment (20% of average outcome)	0.36	0.29	0.39	0.25	0.37	0.40	0.40	0.41	0.28	0.40	0.38	0.37	0.30	0.29	0.27
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
Average of direct outcome	0.81	0.80	0.81	0.65	0.53	0.32	0.18	0.25	0.33	0.25	0.27	0.42	0.55	0.57	0.13
Average of indirect outcome	0.36	0.29	0.39	0.25	0.37	0.40	0.40	0.41	0.28	0.40	0.38	0.37	0.30	0.29	0.27
Sum	1.17	1.09	1.20	0.90	0.90	0.72	0.58	0.66	0.61	0.65	0.65	0.79	0.85	0.86	0.40