

AY: 2023-24

III-Sem	II YEAR																	POST ED BY	
	COD E	TITL E	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3		File
2	22CE C05	Fluid Mech anics	1.77	1.18	0.59	---	---	---	---	---	---	---	---	---	0.59	1.18	0.63	---	
		Target Level	2.1	1.4	0.7	---	---	---	---	---	---	---	---	---	---	0.7	1.4	0.7	---
3	22CE C04	Solid Mech anics	1.62	1.08	0.54	---	---	---	---	---	---	---	---	0.54	1.62	0.54	---	---	
		Target Level	1.50	1.00	0.50	---	---	---	---	---	---	---	---	---	0.50	1.60	0.50	---	---
4	22CE C03	Surve ying-1	1.54	0.77	0.95	0.82	---	---	---	---	---	---	---	-	-	-			
		Target Level	1.4	0.7	0.88	0.7	---	---	---	---	---	---	---	---	-	-	-		

6	22EG M01	Indian Const itutio n and Funda menta l Princi ples	~	~	0.98	~	~	1.26	0.98	~	~	~	~	~	~	~			V. Laxm an
		Target Level	~	~	1.4	~	~	1.8	1.4	1.33	1	~	~	~	1.75	1	1.75		
7	22EE M01	Unive rsal Huma n Value s- II	0.7	1.02	1.31								0.66	0.78	0.85	0.7			
		Target Level	0.65	0.99	1.12									0.62	0.75	0.8	0.61		
9	22CE C08	Fluid Mech anics lab	3	1	1	---	---	---	---	---	1	---	---	---	1	2	1		
		Target Level	3	1	1	---	---	---	---	---	1	---	---	---	1	2	1		

IV-Sem																			
1	22CECO9	Hydraulic Engineering (IHE)	1.65	2.48	---	---	---	---	---	---	---	---	---	---	1.65	2.48	0.83		
		Target Level	1.7	2.54	---	---	---	---	---	---	---	---	---	---	---	1.7	2.54	0.85	
2	22CEC10	Surveying II (SUR-II)	1.09	1.86	---	---	---	1.21	---	---	---	---	---	---	1.09	1.86	1.21		
		Target Level	0.99	1.69	---	---	---	1.11	---	---	---	---	---	---	0.99	1.69	1.11		
3	22CEC11	Structural Analysis I (SA-I)	2.3	1.53	0.77	---	---	---	---	---	---	---	---	0.77	2.3				
		Target Level	1.8	1.2	0.6	---	---	---	---	---	---	---	---	0.6	1.8				

8	22CE C14	Hydraulic Engineering (HE) Lab	---	---	---	3	---	---	---	2	3	2	---	---	3	---	1			
		Target Level	---	---	---	3	---	---	---	2	3	2	---	---	3	---	1			
9	22CE C15	Surveying & Geomatics (SUR) Lab	1.2	0.6	0.9	0.6	---	---	---	---	0.6	---	---	0.6	---	---	---	---		
		Target Level	1.4	0.7	1.05	0.7	---	---	---	---	0.7	---	---	0.7	---	---	---	---		

  
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		III YEAR																		POSTE D BY	
V- Sem	CODE	TITLE	PO1	PO2	PO3	PO4	PO5	PO6	PO7		PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4	File		
3	20CEC17	Geotechnical Engineering	2.68	0.89											2.68						
		Target Level	2.4	0.77												2.41					
4	20CEC16	Transportation Engineering	1.52	1.51	2.26	---	2.43	---	---	1.53	---	---	---	0.76	1.52	---	2.28	---	om/spreadsheets/d/		
		Target Level	0.98	0.97	1.45	---	1.67	---	---	0.9	---	---	---	0.45	0.98	---	1.47	---			
6	20CEE06	Pre-stressed Concrete	1.64	1.64	1.79	1.31	---	---	---	---	---	---	---	0.82	0.83	0.83	0.83	---	https://docs.goo		
		Target Level	1.45	1.45	1.60	1.16	---	---	---	---	---	---	---	---	0.73	0.73	0.73	0.73	---		
9	20CEM01	Environmental Science	1	---	---	---	---	1	2.2	1	---	---	---	1	1	---	---				
		Target Level	0.96	---	---	---	---	0.96	2.1	0.96	---	---	---	---	0.96	0.96	---	---			
10	20CEC20	Transportation Engineering Lab	2.11	1.48	1.48	2.11									1.06	1.06	1.59				
		Target Level	1.98	1.39	1.39	1.98									0.99	1	1.48				
11	20CEC21	Geotechnical Engineering lab	3	1	1	---	1	---	---	---	---	---	---	---	1.5	2.33	---				
		Target Level	3	1	1	---	1	---	---	---	---	---	---	---	1.5	2.33	---				
VI-Sem																					
	20CE C22	Hydrology and Water Resource Engineering HWREI	2.52	1.51	1.19	---	---	---	---	---	---	---	---	0.84	0.84	---	0.85				
		Target Level	2.1	1.26	0.98	---	---	---	---	---	---	---	---	---	0.7	0.7	---	0.7			
	20CEC24	Reinforced Concrete Design - II (RCD-I)	2	1.33	2	1.33	0.67	0.67	0.67	1.33	0.67	2	0.67	0.67	1.33	2	0.67				
		Target Level	2.18	1.45	2.18	1.45	0.73	0.73	0.73	1.45	0.73	2.18	0.73	0.73	1.45	2.18	0.73	---			
	20CEE10	River Engineering	2.2	1.7	1.16	---	---	---	---	---	---	---	---	0.85	0.85	---	0.81				
		Target Level	1.82	1.4	0.98	---	---	---	---	---	---	---	---	---	0.7	0.7	---	0.7			
	20CEE11	Urban Transportation Planning	2.01	1.34	0.67	---	1.73	---	---	---	---	---	---	---	0.88	0.67	0.67	---	https://docs.goo		
		Target Level	2.86	1.91	0.95	---	2.81	---	---	---	---	---	---	---	1.27	0.95	0.95	---	ele.com/spreads		
	20CEC27	Engineering Geology (EG) Lab	2.6	2.2	2	1	3	1.8	1	---	1	1	---	1	2.2	2	2				
		Target Level	2.6	2.2	2	1	3	1.8	1	---	1	1	---	1	2.2	2	2				

  
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		IV YEAR																	
VII- Sem	CODE	TITLE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3		File
	20CEE16	Concrete Technology & Target Level	1.95	0.97	1.95	0.97	0.97	0.97	1.95	---	---	---	---	0.97	1.95	1.95	1.95	1.95	
	20CEE17	Railway and Airport Target Level	1	1	---	1	1	---	---	---	---	1	1	1	1	1	2	---	
	20EGMO	GS-Gender Target Level	~	~	0.51	~	~	1.17	1.03	0.79	0.89	~	~	0.51	~	0.61	~		
VIII -Sem																			
	20CEE21	Pavement management system Target Level	0.89	1.51	0.89	0.92	0.92	---	---	---	---	---	1.91	---	0.89	0.89	0.89	---	
			0.58	0.81	0.58	0.58	0.63	---	---	---	---	---	1.05	---	0.58	0.64	0.64	---	

  
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## Civil Engineering Department

### GY 2023-24 CO ATTAINMENTS & TARGETS

I-Sem	Code	TITLE	CO1	CO2	CO3	CO4	CO5	CO6
		Professional Communication	1.18	1.1	1.18	1.17	1.5	0.6
		Target levels	1	1	1	1	1	1.2
		Professional Communication	2.94	2.94	2.94	2.94	2.94	0
		Target levels	1	1	1	1	1	0
III-Sem								
3	22CEC04	Solid Mechanics	1.475	1.217	2.401	1.305	1.722	
		Target levels	1.4	1.2	2.4	1.3	1.7	
		DIRECT ATTAINMENT -	0.875	0.617	1.801	0.705	1.122	
		INDIRECT (COURSE END)	0.6	0.6	0.6	0.6	0.6	
6	22EGM01	Indian Constitution and	2.1	2.1	2.1	2.1	2.1	0
		Target levels	1	1	1	1	1	1
9	22CEC08	Fluid Mechanics lab	3	3	3	3	3	3
		Target levels	3	3	3	3	3	3
		DIRECT ATTAINMENT -	2.4	2.4	2.4	2.4	2.4	2.4
		INDIRECT (COURSE END)	0.6	0.6	0.6	0.6	0.6	0.6
IV-Sem								
1	22CEC09	Hydraulic Engineering (IHE)	2.364	2.383	2.5	2.582	2.569	
		Target levels	2.514	2.466	2.6	2.683	2.459	
		DIRECT ATTAINMENT -	1.8912	1.9064	2	2.0656	2.0552	
		INDIRECT (COURSE END)	0.4728	0.4766	0.5	0.5164	0.5138	
2	22CEC10	Surveying -II	2.184	2.184	2.301	2.412	2.422	
		Target levels	2.400	2.134	1.656	2.136	2.169	
		DIRECT ATTAINMENT -						

		INDIRECT (COURSE END)	0.6	0.6	0.6	0.6	0.6	
3	22CEC11	Structural Analysis-I	1.326	1.471	2.03	1.749	1.911	
		Target levels	1.926	2.071	2.63	2.349	2.511	
8	22CEC14	Hydraulic Engineering Lab	3	3	3	3	3	
		Target levels	3	3	3	3	3	
		DIRECT ATTAINMENT -	2.4	2.4	2.4	2.4	2.4	
		INDIRECT (COURSE END)	0.6	0.6	0.6	0.6	0.6	
V-Sem								
3	20CEC17	<b>Geotechnical Engineering</b>	2.65	2.65	2.696	2.701	2.688	
		Target levels	2.8	2.06	2.6	2.06	2.47	
		DIRECT ATTAINMENT -	2.05	2.05	2.096	2.101	2.088	
		INDIRECT (COURSE END)	0.6	0.6	0.6	0.6	0.6	
4	20CEC16	<b>Transportation Engineering</b>	2.36	2.236	2.173	2.431	2.215	--
		Target levels	1.544	0.96	1.75	1.67	1.43	--
		DIRECT ATTAINMENT -	1.76	1.636	1.573	1.831	1.635	--
		INDIRECT (COURSE END)	0.6	0.6	0.6	0.6	0.6	--
6	20CEE06	<b>Pre-stressed Concrete</b>	2.537	2.484	2.451	2.392	2.446	
		Target Level	2.168	2.168	2.168	2.168	2.223	
		DIRECT ATTAINMENT -	2.0296	1.9872	1.9608	1.9136	1.9568	
		INDIRECT (COURSE END)	0.5074	0.4968	0.4902	0.4784	0.4892	
9	20CEM01	<b>Environmental Science</b>	3	3	3	3	3	
		Target levels	2.868	2.868	2.868	2.868	2.868	
		DIRECT ATTAINMENT -	2.4	2.4	2.4	2.4	2.4	
		INDIRECT (COURSE END)	0.6	0.6	0.6	0.6	0.6	
10	20CEC20	<b>Transportation Engineering</b>	3	3	3	3	3	
		Target levels	2.95	3	2.96	2.97	3	
		DIRECT ATTAINMENT -	2.4	2.4	2.4	2.4	2.4	
		INDIRECT (COURSE END)	0.6	0.6	0.6	0.6	0.6	
11	20CEC21	<b>Geotechnical Engineering Lab</b>	3	3	3	3	3	
		Target levels	3	3	3	3	3	



		DIRECT ATTAINMENT -	2.4	2.4	2.4	2.4	2.4	
		INDIRECT (COURSE END)	0.6	0.6	0.6	0.6	0.6	
<b>VI-Sem</b>								
1	20CEC22	Hydrology and Water	2.36	2.402	2.581	2.659	2.579	
		Target levels	2.1	2.1	2.1	2.1	2.1	
		DIRECT ATTAINMENT -	1.888	1.9216	2.0648	2.1272	2.0632	
		INDIRECT (COURSE END)	0.472	0.4804	0.5162	0.5318	0.5158	
3	20CEC24	Reinforced Concrete Design -	<b>2.089</b>	<b>1.785</b>	<b>2.077</b>	<b>2.05</b>	<b>1.995</b>	
		Target levels	<b>2.168</b>	<b>2.168</b>	<b>2.168</b>	<b>2.168</b>	<b>2.223</b>	
		DIRECT ATTAINMENT -	1.6712	1.428	1.6616	1.64	1.596	
		INDIRECT (COURSE END)	0.4178	0.357	0.4154	0.41	0.399	
6	20CEE10	<b>River Engineering</b>	2.904	2.602	2.579	2.674	2.004	
		Target levels	2.1	2.1	2.1	2.1	2.1	
		DIRECT ATTAINMENT -	2.3232	2.0816	2.0632	2.1392	1.6032	
		INDIRECT (COURSE END)	0.5808	0.5204	0.5158	0.5348	0.4008	
7	20CEE11	Urban Transportation	<b>2.206</b>	<b>2.297</b>	<b>2.051</b>	<b>1.727</b>	<b>1.754</b>	--
		Target levels	<b>2.927</b>	<b>2.927</b>	<b>2.854</b>	<b>2.807</b>	<b>2.791</b>	--
		DIRECT ATTAINMENT -	1.606	1.697	1.451	1.127	1.154	--
		INDIRECT (COURSE END)	0.6	0.6	0.6	0.6	0.6	--
10	20CEC27	<b>Engineering Geology (EG) La</b>	3	3	3	3	3	
		Target levels	3	3	3	3	3	
		DIRECT ATTAINMENT -	2.4	2.4	2.4	2.4	2.4	
		INDIRECT (COURSE END)	0.6	0.6	0.6	0.6	0.6	
4	20CEE17	Railway Engineering	3	2.988	3	2.997	3	
		Target levels	2.25	2.25	2.25	2.25	2.25	
		DIRECT ATTAINMENT -	2.4	2.388	2.4	2.397	2.4	
		INDIRECT (COURSE END)	0.6	0.6	0.6	0.6	0.6	
7	20EGMO3	GS- Gender Sensitization	<b>2.1</b>	<b>1.4</b>	<b>0.7</b>	<b>2.1</b>	<b>1.4</b>	<b>0</b>
		Target levels	1	1	1	1	1	1
1		Pavement management system	<b>2.489</b>	<b>2.489</b>	<b>2.676</b>	<b>2.863</b>	<b>2.863</b>	--

20CEE21	Target levels	1.69	1.051	1.92	1.83	1.57	---
	DIRECT ATTAINMENT -	1.889	1.889	2.076	2.263	2.263	---
	INDIRECT (COURSE END)	0.6	0.6	0.6	0.6	0.6	---

  
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