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CIVIL ENGINEERING DEPARTMENT

Course Code & Name	Course Outcomes	Mid Sem 1 CO Attainment % (Online)	Mid Sem 2 CO Attainment % (Online)	Direct CO Attainment %	Indirect CO Attainment %	Overall CO Attainment %	Target Attainment %	Gap in Attainment %	Status of CO Attainment	Action Taken
100020: Basic	CO 1	67.24	88.64	77.94	73.33	77.0	65	-12.02	Attained	
Civil	CO 2	66.67	84.61	75.64	78.10	76.1	65	-11.13	Attained	
Engineering & Engineering	CO 3	82.44	92.04	87.24	77.14	85.2	65	-20.22	Attained	
Mechanics	CO 4	83.42	84.97	84.20	75.24	82.4	65	-17.40	Attained	
(CSE)	CO 5	85.97	88.25	87.11	82.86	86.3	65	-21.26	Attained	
	CO 1	68.17	83.17	75.67	68.75	74.3	65	-9.29	Attained	
100020: Basic Civil	CO 2	61.72	89.23	75.48	66.67	73.7	65	-8.72	Attained	
Engineering &	CO 3	77.88	93.60	85.74	60.42	80.7	65	-15.68	Attained	
Engineering Mechanics (EC)	CO 4	82.13	93.05	87.59	64.58	83.0	65	-17.99	Attained	
	CO 5	83.51	83.42	83.47	70.83	80.9	65	-15.94	Attained	
	CO 1	74.08	80.56	77.32	69.61	75.8	65	-10.78	Attained	
100020: Basic Civil	CO 2	59.10	86.94	73.02	62.75	71.0	65	-5.97	Attained	
Engineering &	CO 3	80.73	93.24	86.99	69.61	83.5	65	-18.51	Attained	
Engineering Mechanics (ET)	CO 4	83.62	88.81	86.21	69.61	82.9	65	-17.89	Attained	
~ /	CO 5	80.41	85.45	82.93	75.49	81.4	65	-16.44	Attained	
	CO 1	75.98	83.81	79.90	71.97	78.3	65	-13.31	Attained	
100020: Basic Civil	CO 2	66.49	86.23	76.36	74.24	75.9	65	-10.94	Attained	
Engineering &	CO 3	87.31	95.25	91.28	71.97	87.4	65	-22.42	Attained	
Engineering Mechanics (IT)	CO 4	86.40	85.87	86.13	71.21	83.1	65	-18.15	Attained	
	CO 5	90.81	84.64	87.73	76.52	85.5	65	-20.49	Attained	

Course Outcomes Attainment (July-Dec 2020)

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100020: Basic	CO 1	88.50	80.00	84.25	83.33	84.1	65	-19.07	Attained	
Civil	CO 2	87.50	85.25	86.38	80.39	85.2	65	-20.18	Attained	
Engineering & Engineering	CO 3	81.25	88.50	84.88	77.45	83.4	65	-18.39	Attained	
Mechanics (Chemical)	CO 4	61.00	69.25	65.13	78.43	67.8	65	-2.79	Attained	
(Chemical)	CO 5	58.75	39.25	49.00	79.41	55.1	65	9.92	Not Attained	
	CO 1	89.00	-	89.00	61.90	83.6	65	-18.58	Attained	
110302:	CO 2	87.40	86.00	86.70	64.29	82.2	65	-17.22	Attained	
Building Planning &	CO 3	90.20	85.00	87.60	59.52	82.0	65	-16.98	Attained	
Design	CO 4	89.20	85.00	87.10	66.67	83.0	65	-18.01	Attained	
	CO 5	-	90.00	90.00	59.52	83.9	65	-18.90	Attained	
	CO 1	76.00	-	76.00	69.05	74.6	65	-9.61	Attained	
110303:	CO 2	67.00	82.60	74.80	71.43	74.1	65	-9.13	Attained	
Building Material &	CO 3	86.00	81.40	83.70	69.05	80.8	65	-15.77	Attained	
Construction	CO 4	91.00	85.00	88.00	69.05	84.2	65	-19.21	Attained	
	CO 5	-	86.80	86.80	66.67	82.8	65	-17.77	Attained	
	CO 1	84	.00	84.00	69.05	81.0	65	-16.01	Attained	
110303: Building	CO 2	84	.00	84.00	69.05	81.0	65	-16.01	Attained	
Material &	CO 3	84	.00	84.00	69.05	81.0	65	-16.01	Attained	
Construction (Practical)	CO 4	84	.00	84.00	66.67	80.5	65	-15.53	Attained	
	CO 5	84	.00	84.00	64.29	80.1	65	-15.06	Attained	
	CO 1	96.22	83.82	90.02	66.67	85.4	65	-20.35	Attained	
	CO 2	97.37	92.99	95.18	61.90	88.5	65	-23.52	Attained	
110304: Surveying	CO 3	95.66	93.55	94.60	64.29	88.5	65	-23.54	Attained	
, ,	CO 4	96.41	92.08	94.25	61.90	87.8	65	-22.78	Attained	
	CO 5	94.51	93.22	93.86	59.52	87.0	65	-21.99	Attained	

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	CO 1	72.	.00	72.00	66.67	70.9	65	-5.93	Attained		
110304:	CO 2	72.00		72.00	56.41	68.9	65	-3.88	Attained		
Surveying	CO 3	68	.00	68.00	58.97	66.2	65	-1.19	Attained		
(Practical)	CO 4	68	.00	68.00	56.41	65.7	65	-0.68	Attained		
	CO 5	72	.00	72.00	58.97	69.4	65	-4.39	Attained		
	CO 1	73.50	76.70	75.10	66.67	73.4	65	-8.41	Attained		
110305:	CO 2	71.50	84.70	78.10	69.23	76.3	65	-11.33	Attained		
Strength of	CO 3	71.60	74.80	73.20	61.54	70.9	65	-5.87	Attained		
Materials	CO 4	88.70	63.50	76.10	66.67	74.2	65	-9.21	Attained		
	CO 5	73.30	69.30	71.30	61.54	69.3	65	-4.35	Attained		
110305:	CO 1	68.00		68.00	64.29	67.3	65	-2.26	Attained		
Strength of	CO 2	68.00		68.00	61.90	66.8	65	-1.78	Attained		
Materials (Practical)	CO 3	68.00		68.00	64.29	67.3	65	-2.26	Attained		
(i fuetieui)	CO 4	68.00		68.00	59.52	66.3	65	-1.30	Attained		
	CO 1	76	.00	76.00	54.76	71.8	65	-6.75	Attained		
110306:	CO 2	76	.00	76.00	50.00	70.8	65	-5.80	Attained		
Software Lab	CO 3	68	.00	68.00	54.76	65.4	65	-0.35	Attained		
	CO 4	76	.00	76.00	54.76	71.8	65	-6.75	Attained		
	CO 1	76	.00	76.00	55.56	71.9	65	-6.91	Attained		
110307: Self	CO 2	76	.00	76.00	58.33	72.5	65	-7.47	Attained		
Learning	CO 3	81	.00	81.00	55.56	75.9	65	-10.91	Attained		
Presentation	CO 4	78.00		78.00	55.56	73.5	65	-8.51	Attained		
	CO 5	79	.00	79.00	58.33	74.9	65	-9.87	Attained		
110308: Summer	CO 1	76	.00	76.00	58.33	72.5	65	-7.47	Attained		
Internship	CO 2	68	.00	68.00	61.11	66.6	65	-1.62	Attained		

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Project - I	CO 3	72.	.00	72.00	58.33	69.3	65	-4.27	Attained	
-	CO 4	80.	.00	80.00	66.67	77.3	65	-12.33	Attained	
	CO 5	76.	.00	76.00	63.89	73.6	65	-8.58	Attained	
	CO 1	57.00	62.00	59.50	78.13	63.2	65	1.78	Not Attained	
110501:	CO 2	60.00	58.00	59.00	75.00	62.2	65	2.80	Not Attained	
Estimating, Costing &	CO 3	58.00	56.00	57.00	74.48	60.5	65	4.50	Not Attained	
Contracting	CO 4	66.00	44.00	55.00	79.69	59.9	65	5.06	Not Attained	
	CO 5	49.00	30.00	39.50	78.13	47.2	65	17.78	Not Attained	
	CO 1	64.00	58.00	61.00	71.51	63.1	65	1.90	Not Attained	
110502: Structural	CO 2	51.00	49.00	50.00	72.04	54.4	65	10.59	Not Attained	
Design &	CO 3	41.00	51.00	46.00	69.35	50.7	65	14.33	Not Attained	
Drawing (R.C.C.)	CO 4	54.00	52.00	53.00	74.19	57.2	65	7.76	Not Attained	
	CO 5	48.00	46.00	47.00	73.66	52.3	65	12.67	Not Attained	
-	CO 1	50.00	75.00	62.50	75.41	65.1	65	-0.08	Attained	More problems on
-	CO 2	40.00	83.00	61.50	70.49	63.3	65	1.70	Not Attained	principles of
	CO 3	46.00	83.00	64.50	69.95	65.6	65	-0.59	Attained	analysis of fluid flow
	CO 4	46.00	82.00	64.00	71.58	65.5	65	-0.52	Attained	problem needed to
110503: Fluid Mechanics-II										be given in the 1st mid sem evaluation
	CO 5	62.00	82.00	72.00	69.95	71.6	65	-6.59	Attained	for appropriate CO coverage.
	CO 1	68.		68.00	79.89	70.4	65	-5.38	Attained	coverage.
110503: Fluid Mechanics-II	CO 1 CO 2	68.		68.00	75.29	69.5	65	-4.46	Attained	
(Practical)	CO 2 CO 3	68.		68.00	73.29	69.2	65	-4.40	Attained	
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_	CO 1	67.00	80.00	73.50	82.78	75.4	65	-10.36	Attained	
110509:	CO 2	79.00	76.00	77.50	77.78	77.6	65	-12.56	Attained	
Environmental	CO 3	87.00	68.00	77.50	75.56	77.1	65	-12.11	Attained	
Engineering	CO 4	86.00	71.00	78.50	78.33	78.5	65	-13.47	Attained	
	CO 5	73.00	62.00	67.50	75.00	69.0	65	-4.00	Attained	
110509:	CO 1	68	.00	68.00	80.36	70.5	65	-5.47	Attained	
Environmental	CO 2	64	.00	64.00	80.36	67.3	65	-2.27	Attained	
Engineering (Practical)	CO 3	64	.00	64.00	77.98	66.8	65	-1.80	Attained	
(Tractical)	CO 4	68	.00	68.00	77.98	70.0	65	-5.00	Attained	
	CO 1	85.50	77.50	81.50	86.67	82.5	65	-17.53	Attained	
110505:	CO 2	92.00	93.00	92.50	86.67	91.3	65	-26.33	Attained	
Transportation	CO 3	82.00	94.50	88.25	81.67	86.9	65	-21.93	Attained	
Engineering	CO 4	72.50	91.00	81.75	84.44	82.3	65	-17.29	Attained	
	CO 5	89.50	83.50	86.50	83.33	85.9	65	-20.87	Attained	
110505:	CO 1	96	.00	96.00	89.08	94.6	65	-29.62	Attained	
Transportation	CO 2	96	.00	96.00	84.48	93.7	65	-28.70	Attained	
Engineering (Practical)	CO 3	96	.00	96.00	82.76	93.4	65	-28.35	Attained	
(Fractical)	CO 4	96	.00	96.00	85.06	93.8	65	-28.81	Attained	
_	CO 1	96	.00	96.00	75.14	91.8	65	-26.83	Attained	
	CO 2	96	.00	96.00	76.27	92.1	65	-27.05	Attained	
110506: Minor Project - I	CO 3	92	.00	92.00	81.36	89.9	65	-24.87	Attained	
5	CO 4	88	.00	88.00	77.40	85.9	65	-20.88	Attained	
	CO 5	92	.00	92.00	77.40	89.1	65	-24.08	Attained	
110507: Summer	CO 1	64	.00	64.00	80.95	67.4	65	-2.39	Attained	
Internship Project - II	CO 2	72	.00	72.00	81.55	73.9	65	-8.91	Attained	

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	CO 1	80	.00	80.00	77.40	79.5	65	-14.48	Attained	-
110508: Self Learning	CO 2	80.00		80.00	75.71	79.1	65	-14.14	Attained	-
	CO 3	80	.00	80.00	74.01	78.8	65	-13.80	Attained	-
Presentation	CO 4	76	.00	76.00	75.14	75.8	65	-10.83	Attained	-
	CO 5	80	.00	80.00	79.66	79.9	65	-14.93	Attained	
	CO 1	68.00	91.00	79.50	82.22	80.0	65	-15.04	Attained	
110711:	CO 2	73.00	89.00	81.00	77.78	80.4	65	-15.36	Attained	
Irrigation Engineering	CO 3	78.00	90.00	84.00	86.67	84.5	65	-19.53	Attained	
(DE-3)	CO 4	76.00	87.00	81.50	77.78	80.8	65	-15.76	Attained	
	CO 5	71.00	85.00	78.00	77.78	78.0	65	-12.96	Attained	
	CO 1	71.00	63.00	67.00	66.67	66.9	65	-1.93	Attained	
110712:	CO 2	70.00	65.00	67.50	66.67	67.3	65	-2.33	Attained	
Industrial Waste Treatment (DE-	CO 3	78.00 56.00		67.00	66.67	66.9	65	-1.93	Attained	
3)	CO 4	78.00	55.00	66.50	66.67	66.5	65	-1.53	Attained	
	CO 5	79.00	51.00	65.00	66.67	65.3	65	-0.33	Attained	
Software	CO 1	72.00		72.00	52.08	68.0	65	-3.02	Attained	
Application for	CO 2	72	.00	72.00	47.92	67.2	65	-2.18	Attained	
Solving Civil Engineering	CO 3	72	.00	72.00	50.00	67.6	65	-2.60	Attained	
Problems (110701)	CO 4	72	.00	72.00	52.08	68.0	65	-3.02	Attained	
(110701)	CO 5	72	.00	72.00	56.25	68.9	65	-3.85	Attained	
	CO 1	84	.00	84.00	68.89	81.0	65	-15.98	Attained	
Summer	CO 2	76	.00	76.00	68.89	74.6	65	-9.58	Attained	
Internship Project – III	CO 3	72	.00	72.00	66.67	70.9	65	-5.93	Attained	
(110702)	CO 4	70	.00	70.00	66.67	69.3	65	-4.33	Attained	
	CO 5	72	.00	72.00	66.67	70.9	65	-5.93	Attained	

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Creative	CO 1	84	.00	84.00	71.11	81.4	65	-16.42	Attained	
Problem	CO 2	76.00		76.00	68.89	74.6	65	-9.58	Attained	
Solving (110703)	CO 3	76	.00	76.00	64.44	73.7	65	-8.69	Attained	
(110703)	CO 4	76	.00	76.00	66.67	74.1	65	-9.13	Attained	
900201,	CO 1	65.00	80.00	72.50	86.90	75.38	65.00	-10.38	Attained	
Integrated Waste	CO 2	62.00	73.00	67.50	83.33	70.67	65.00	-5.67	Attained	
Management	CO 3	67.00	72.00	69.50	79.76	71.55	65.00	-6.55	Attained	
for Smart City (OC - 2)	CO 4	63.00	71.00	67.00	84.52	70.50	65.00	-5.50	Attained	
	CO 1	89.60	91.00	90.30		72.2	65	-7.24	Attained	
Project Planning &	CO 2	86.00	90.40	88.20		70.6	65	-5.56	Attained	
Control	CO 3	89.00	88.50	88.75		71.0	65	-6.00	Attained	
(900202) (OC - 2)	CO 4	88.50	89.50	89.00		71.2	65	-6.20	Attained	
	CO 5	88.67	90.67	89.67		71.7	65	-6.74	Attained	
LLI DI I	CO 1	88.00	85.00	86.50		69.2	65	-4.20	Attained	
Urban Planning &	CO 2	90.00	87.00	88.50		70.8	65	-5.80	Attained	
Transportation Systems	CO 3	89.00	83.00	86.00		68.8	65	-3.80	Attained	
(900213) (OC -	CO 4	89.00	86.00	87.50		70.0	65	-5.00	Attained	
3)	CO 5	88.00	91.00	89.50		71.6	65	-6.60	Attained	