

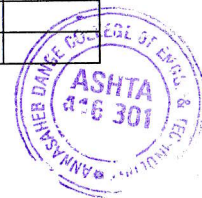
ANNASAB DANGE COLLEGE OF ENGINEERING & TECHNOLOGY, ASHTA
An Autonomous Institute
DEPARTMENT OF CIVIL ENGINEERING

CO-PO Attainment of Batch 2018-19 (2018-19 to 2021-22)

S.N.	Course	Course Code	Batch 2018-19													
			PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO12	PSO1	PSO2
1	Applied Physics	0BSBS101	1.29	0.87												
2	Applied Maths-I	0BSBS102	1.84	0.73												
3	Basic Electrical	0BSES103	1.41	1.79												
4	Basic Civil	0BSES104	1.58	1.63												
5	Engineering Graphics	0BSES105	1.86	1.5												
6	Professional Communicatio	0BSHS106								0.79		1.95				
7	Applied Maths-I Tut	0BSBS107	2.24	0.84												
8	Applied Chemistry	0BSBS108	1.67	1.55												
9	Basic Electrtonics Engg.	0BSES109	1.19	0.6	0.72											
10	Engineering Mechanics	0BSES110	1.91	1.27												
11	Basic Mechanical Engg.	0BSES111	1.27	0.6												
12	Computer Programming	0BSES112	1.49	1.49												
13	Applied Maths II	0BSBS113	1.22	0.67												
14	Applied Maths II Tut	0BSBS114	1.82	0.97												
15	Workshop Practice	0BSES151	1.96	1.18												
16	Applied Physics Lab	0BSBS152	1.65	0.83			0.82			0.88	0.81	0.81				
17	Basic Electrical	0BSES153	1.54	0.85							1.64	1.7		1.84		
18	Basic Civil lab	0BSES154	1.62	1.62			0.83	1.7		1.64		1.66				
19	Engineering Graphics	0BSES155	1.54	1.54						0.78		1.56				
20	Professional Communicatio	0BSHS156					1.6			1.2	1.58	2.16				
21	Basic Electrtonics Lab	0BSES157	1.61	0.81	0.81					1.72	1.11	1.64				
22	Applied Chemistry	0BSBS158	1.61	0.81					0.87	0.81	0.8	0.81				
23	Engineering Mechanics	0BSES159	2.66	1.78						1.83		1.89				
24	Basic Mechanical Engg.	0BSES160	1.9	0.82						0.87		0.87				
25	Computer Programming	0BSES161	1.86	1.86		2.5		1.6		1.6				1.6		
26	Applied Mathematics III	0CVBS201	1.95	0.85												
27	Surveying	0CVPC202	2.21	2.62												
28	Fluid Mechanics	0CVPC203	1.85	1.73	1.77											
29	Strength of Materials	0CVPC204	1.73	1.73												
30	Building Construction & Materials	0CVPC205	2.58	2.35	2.58											



31	Engineering Management	0CVPC206	2.92	1.94	1											
32	Structural Analysis	0CVES207	2	2												
33	Advanced Surveying	0CVPC208	2.93	1.77	1.65											
34	Building Design & Drawing	0CVPC209	2.85	2.35	2.57											
35	Concrete Technology	0CVPC210	2.34	1.57												
36	Environmental Studies	0CVMC211	2	2				2	1	1	1			2		
37	Surveying Laboratory	0CVPC251	2.91	2.46	2											
38	Fluid Mechanics Laboratory	0CVPC252	2.75	2.67	2					2	2	1.67				
39	Strength of Materials Laboratory	0CVPC253	2.8	2.4	2.8	2.7		1.33				1.33		1.33		
40	C Programming Laboratory	0CVPC254	3	3	3							1				
41	Building Construction & Materials Laboratory	0CVPC255	2.9	2.9	2.9						1.33			1.33		
42	Introduction to Psychology	0CVAC256						2.67		2.89				2.7		
43	General Proficiency Laboratory	0CVHS257					1.85	2.67		2.85	2.7	2.67		2.89		
44	Advanced Surveying Laboratory	0CVPC258	2.74				1.97					2		2		
45	Building Design & Drawing Laboratory	0CVPC259	2.26	2.35	2.35	1.57	2.75			2.85	2			2	2	2
46	Concrete Technology Laboratory	0CVPC260	2.4	2.7	2.65		2							2		
47	CAD Practice Laboratory	0CVPC261	2.8	2.75	2.65		2			2.85				0.3		
48	Design of Steel Structures	0CVPC301	2.35	2.33	2.33	1.56										
49	Soil Mechanics	0CVPC302	2.21	1.47	1.07											
50	Water Supply Engineering	0CVPC303	2.59	1.84	2.23	0.78		1.03	1.18	0.87	1.08	1.88		0.98		
51	Engineering Geology	0CVES304	2.83	2.99						1.83		1.83		1		
52	Infrastructure Engineering	0CVPC305	2.76	1.39	0.95											
53	Professional Lectures and Skill Practices	0CVAC306	2.52	1.85	1.27			0.95		1.48	1.29	1	1	0.94	1.93	1.91
54	Theory of Structures	0CVPC307	1.8	1.8		1.83	0.91			0.9	0.9	0.9		0.9		
55	Foundation Engineering	0CVPC308	2.44	1.62	0.77						0.92	0.92				



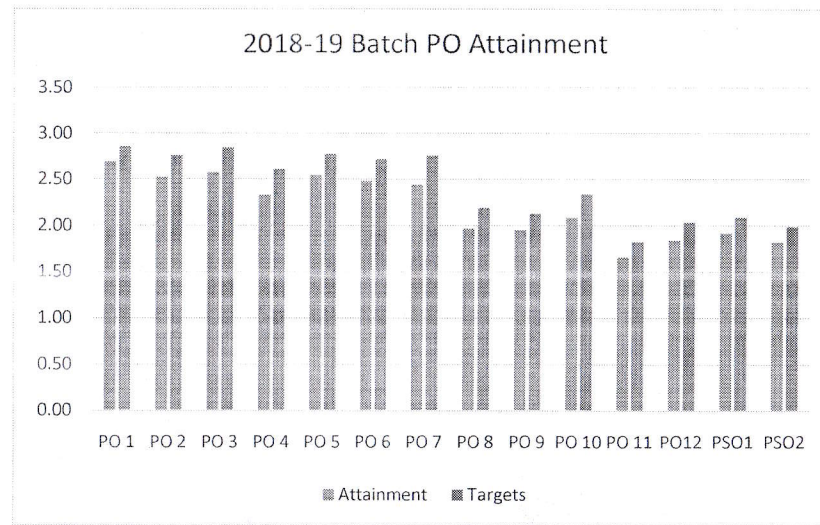
56	Waste Treatment & Pollution Control	0CVPC309	2.21	1.47	1.07										
57	Water Resources Engineering	0CVPC310	2.71	2.51	1.78				1.88	1.88	1.88		0.89		
58	Remote Sensing & GIS Applications in Civil Engineering	0CVPE313	2.05	1.87			1.87		1.9	1.87	1.9		0.94		
59	Design of Concrete Bridges	0CVPE314	2.19	2.19	2.73										
60	Soil Mechanics Laboratory	0CVPC351	2.74			1.83				1.83	2		2		
61	Water Supply Engineering Laboratory	0CVPC352	2.59	2.74	1.94	2.02	2.62		1.98	1.84	1.68	2.04		1.08	1.13
62	Engineering Geology Laboratory	0CVES353	2.71	1.88			1.88			1.93	1.91	2.8		1.93	
63	Infrastructure Engineering Laboratory	0CVPC354	2.97	1.65						1.93		1.95		2.79	
64	Building Planning & Drawing Laboratory	0CVPC355	2.64	2.26			2.15			1.48					
65	Waste Treatment & Pollution Control Laboratory	0CVPC357	2.61	2.51	1.83	2.11	2.56		1.74	1.89	1.78	1.66		0.95	0.87
66	Mini Project (SDD I)	0CVPR358	2.39	2.4	2.38		1.62							2.22	1.58
67	Self Study	0CVPC359	2.68				1.79	1.77			1.99	1.73		1.69	
68	Soft Computing Skills in Civil Engineering - I	0CVES360	2.48	1.66			2.48			1.96	0.83	1.98	0.83	1.11	
69	Remote Sensing & GIS Applications in Civil Engineering Laboratory	0CVPE363	2.6	1.75			1.82	1.92	1.75	1.95	1.85	2.86		1.95	
70	Design of Concrete Bridges Laboratory	0CVPE364	2.96	1.64						1.91				2.76	
71	Database Essentials and Business Intelligence.	0CSOE403	3	2											1
72	Industrial Automation and SCADA	0EEOE406	1.80	1.08	1.00										
73	Electric Vehicles	0EEOE407	2.26						1.66	1.7		1.8		1.66	
74	Electric Vehicles	0EEOE407	2.26						1.66	1.70		1.80		1.66	
75	Industrial Automation and Robotics	[0MEOE410]	0.87	0.32			0.29								
76	Estimating & Costing	0CVPC401	2.51	2.51			0.93	1.33		1.59	1.23	1.59		1.38	1.27



77	Design of Concrete Structures I	0CVPC402	2.32	2.5	2.3					2.3	2.3	2.3				
78	Earthquake Resistant Structures	0CVPC403	2.52	2.58	2.62	1.82				1.18	1.45	2.22		1.18		
79	Ground Improvement Techniques	0CVPE405	2.27	1.35	0.58					0.89	1.78	2.39		0.89		
80	Advanced Construction Techniques	0CVPE406			2.81	1.9			1.22			1.9	1.9	1.96		
81	Estimating & Costing Laboratory	0CVPC451	2	1.67			0.99			1	1	1.99		1		
82	General Proficiency Laboratory II	0CVHS452					1.85	2.67		2.85	2.7	2.67		2.89		
83	Soft Computing Skills in Civil Engineering- II	0CVES453	2.28	1.92	2.24	2.44				1.68	1.88	1.22		0.88		1.22
84	Design of Concrete Structures II	0CVPC421	2.3	2.3	2.52					2.3	2.3	2.3				
85	Project Management	0CVPC422	2.65	2.1							2.5	3	1.33			
86	Entrepreneurship	0CVPC423	2.5	2.39	0.98					1.5	1.6	1.45	0.9	0.96		
87	Environmental Impact Assessment	0CVPE429	1.9	1.87				1.92	1.89	1.88	1.85	2.76				
88	Safety Aspect in Construction	0CVPE430	2.65	2.1						1.95	1.96	1.89				
89	Entrepreneurship Laboratory	0CVPC457	1	1.49	1.98			1.99		2.99	2.79	2.8	1.99	1.98	1	
90	Environmental Impact Assessment LABORATORY	0CVPE465	2.85	2.87			2.79	2.83	2.78	0.86	2.79	2.8				
91	Safety Aspect in Construction Laboratory	0CVPE467	2.71	1.98						1.2	1.3	1.33				
92	Mini Project II (SDD II)	0CVPC458	2.84	2.85	2.85		2.85			2.72	2.83			1.91		
93	Direct Attainment Courses		2.23	1.81	1.94	1.92	1.87	1.79	1.61	1.71	1.72	1.86	1.33	1.60	1.56	1.30
94	Direct Attainment Rubrics		3	3.00	3.00	3.00	3.00	3.00	3.00						1.79	1.80
95	Direct Attainment		2.62	2.40	2.47	2.46	2.43	2.40	2.31	1.71	1.72	1.86	1.33	1.60	1.67	1.55
96	Indirect Attainment		3	3	3	1.8	3	2.81	3	3	2.88	3	3	2.8	2.9	2.89



Attainment	2.69	2.52	2.57	2.33	2.55	2.48	2.44	1.97	1.95	2.09	1.66	1.84	1.92	1.82
Targets	2.86	2.76	2.84	2.61	2.78	2.72	2.76	2.19	2.13	2.34	1.83	2.04	2.09	1.99



Prepared by



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