

Course Information	
Course Name	Data Structures and Algorithms
Semester	III
Academic Year	2017-18
Total No. of Students	62

Note: Do not Delete any Row or Column

Course Assessment Heads and Its Weightage			
Assessment Heads	Max Mar	Yes	Weightage
Class Assignment	10	Yes	0.091
Unit Test	25	Yes	0.227
Continuous Assessment	25	Yes	0.227
PRE End Semester Exam	50	Yes	0.45

Course Outcomes Statements	
CO 1	Design algorithmic solution for programming problems and analyze time and space complexity of
CO 2	Demonstrate the use of Linear Data Structures Using Sequential Organization.
CO 3	Discriminate the use of Linked list for performing various operations such as insertion, deletion,
CO 4	Comprehend and Apply principles of Stack to solve computational problem.
CO 5	Illustrate and Apply principles of Queue to solve computational problem.
CO 6	Demonstrate and Implement various sorting and searching algorithms.

Course Outcomes Attainment Levels Definition

Levels	Max Mar	Percentage or more students scoring more than	Do not Enter Value	Target Selection
1	50	percentage or more students scoring more than	Do not Enter Value	Self Defined Target
2	55	percentage or more students scoring more than	Do not Enter Value	Class Average Percentage
3	60	percentage or more students scoring more than	Do not Enter Value	Yes

Course Outcome -> Unit Test Question Mapping

Course Outcome Statements	Unit Test 1		Unit Test 2			
	Que. 1	Que. 2	Que. 1	Que. 2		
Design algorithmic solution for programming problems and analyze time and space complexity of program.	1					
Demonstrate the use of Linear Data Structures Using Sequential Organization.		1				
Discriminate the use of Linked list for performing various operations such as insertion, deletion, searching, sorting.			1			
Comprehend and Apply principles of Stack to solve computational problem.				1		
Illustrate and Apply principles of Queue to solve computational problem.						



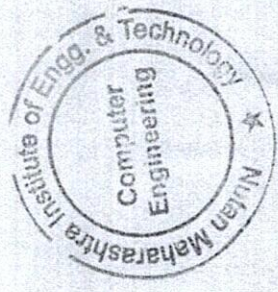
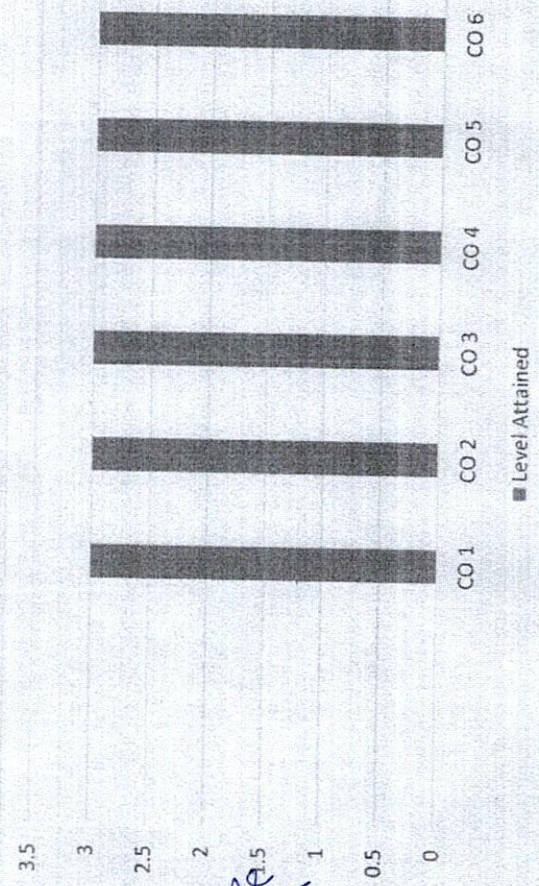
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Talegaon Dehshede, Pune - 414 507



CO Attainment Level

Target 2 Target 1 Marks	COs	No. of Successful Students	%	Level Attained
	CO1	53	85	3
	CO2	50	81	3
	CO3	40	65	3
	CO4	42	68	3
	CO5	41	66	3
	CO6	41	66	3



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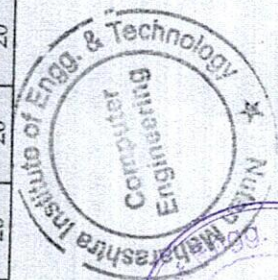


Sr. No.	Student ID	Termwork Exercise wise Marks Entry										Score Obtained in Each Question						Score Obtained in Each CO through Mapping								
		CA1	CA2	CA3	CA4	CA5	CA6	CA7	CA8	CA9	CA10	CO1	CO2	CO3	CO4	CO5	CO6									
	Max. Marks	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	20	20	20	40	41	41	41	41	20
1	S150554221	22	21	22	23	22	22	21	21	21	21	18	18	25	25	50	50	50	25	25	25	40	41	41	50	25
2	S150554222	20	23	20	23	20	21	23	23	23	23	23	23	23	23	23	23	23	20	20	23	38	46	43	43	22
3	S150554223	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	36	36	36	36	21
4	S150554224	20	20	20	20	20	20	21	21	21	21	21	21	21	21	21	21	21	21	21	20	20	41	41	41	20
5	S150554225	20	20	20	18	20	20	19	20	20	20	20	20	20	20	20	20	20	20	20	20	40	40	34	36	19
6	S150554226	21	20	20	21	22	23	23	23	23	23	23	23	23	23	23	23	23	21	21	20	42	44	45	45	23
7	S150554227	21	20	20	21	22	23	23	23	23	23	23	23	23	23	23	23	23	21	21	20	42	44	45	45	23
8	S150554228	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	36	36	36	36	18
9	S150554229	20	23	20	23	20	21	23	23	23	23	23	23	23	23	23	23	23	20	20	23	38	46	43	43	21
10	S150554230	20	23	20	23	20	21	23	23	23	23	23	23	23	23	23	23	23	20	20	23	38	46	43	43	21
11	S150554231	20	23	20	23	20	21	23	23	23	23	23	23	23	23	23	23	23	20	20	23	38	46	43	43	21
12	S150554232	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	36	36	36	36	18
13	S150554233	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	36	36	36	36	18
14	S150554234	23	23	23	23	23	23	25	25	25	25	25	25	25	25	25	25	25	23	23	23	44	43	48	48	25
15	S150554235	20	23	20	23	20	21	23	23	23	23	23	23	23	23	23	23	23	20	20	23	38	46	43	43	21
16	S150554236	20	23	20	23	20	21	23	23	23	23	23	23	23	23	23	23	23	20	20	23	38	46	43	43	21
17	S150554237	20	23	20	23	20	21	23	23	23	23	23	23	23	23	23	23	23	20	20	23	38	46	43	43	21
18	S150554238	20	20	20	20	20	20	21	21	21	21	21	21	21	21	21	21	21	21	21	20	20	41	41	41	20
19	S150554239	20	22	21	23	20	20	18	18	18	18	18	18	18	18	18	18	18	20	20	22	42	44	38	38	18
20	S150554240	20	23	20	23	20	21	23	23	23	23	23	23	23	23	23	23	23	20	20	23	38	46	43	43	21
21	S150554241	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	36	36	36	36	18
22	S150554242	20	20	20	18	20	20	19	20	20	20	20	20	20	20	20	20	20	20	20	20	40	40	34	36	19
23	S150554243	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	41	41	41	41	20
24	S150554244	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	41	41	41	41	20
25	S150554245	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	36	36	36	36	18
26	S150554247	18	18	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	18	32	32	32	32	16
27	S150554248	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	36	36	36	36	18
28	S150554249	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	41	41	41	41	20
29	S150554250	20	23	20	23	20	21	23	23	23	23	23	23	23	23	23	23	23	20	20	23	38	46	43	43	21
30	S150554251	20	20	20	18	20	20	19	20	20	20	20	20	20	20	20	20	20	20	20	20	40	40	34	36	19
31	S150554252	20	20	20	18	20	20	19	20	20	20	20	20	20	20	20	20	20	20	20	20	40	40	34	36	19



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32	S150554253	20	20	20	20	20	20	20	20	21	21	21	21	21	20	20	20	41	41	41	20
33	S150554255	21	20	20	20	20	20	20	21	23	23	22	20	20	21	20	20	42	44	45	23
34	S150554260	20	20	20	20	20	20	20	20	21	21	21	21	20	20	20	20	41	41	41	20
35	S150554270	25	25	25	24	24	24	24	24	24	24	23	21	25	25	25	48	48	48	24	24
36	S150554271	20	20	20	20	20	20	20	20	21	21	21	21	20	20	20	41	41	41	20	20
37	S150554275	20	20	20	18	20	20	20	19	16	16	20	20	20	20	20	40	34	36	19	19
38	S150554278	20	23	20	23	20	20	20	21	23	23	18	23	20	20	23	38	46	43	21	21
39	S150554285	23	23	23	23	23	23	23	23	25	25	21	23	20	23	23	44	43	48	25	25
40	S150554287	25	25	25	24	24	24	24	24	24	24	23	21	25	25	48	48	48	24	24	24
41	S150554289	21	20	20	21	22	23	23	23	23	23	22	20	21	20	20	42	44	45	23	23
42	S150554291	25	25	25	24	24	24	24	24	24	24	23	21	25	25	48	48	48	24	24	24
43	S150554293	23	23	23	23	23	23	23	23	25	25	21	23	20	23	23	44	43	48	25	25
44	S150554295	20	18	18	18	18	18	18	18	18	18	18	20	20	20	36	36	36	18	18	18
45	S150554298	25	25	25	24	24	24	24	24	24	24	23	21	25	25	48	48	48	24	24	24
46	S150554299	20	18	18	18	18	18	18	18	18	18	18	20	20	20	36	36	36	18	18	18
47	S150554301	17	16	16	16	16	16	16	16	18	18	18	20	20	20	34	34	34	18	18	18
48	S150554302	23	23	23	23	23	23	23	23	25	25	21	23	20	23	23	44	43	48	25	25
49	S150554304	25	25	25	24	24	24	24	24	24	24	23	21	25	25	48	48	48	24	24	24
50	S150554307	20	20	20	21	21	21	21	21	23	23	22	22	20	20	43	43	46	22	22	22
51	S150554308	20	20	20	20	20	20	20	20	21	21	21	21	20	20	41	41	41	20	20	20
52	S150554309	20	18	18	18	18	18	18	18	18	18	18	20	20	20	36	36	36	18	18	18
53	S150554311	20	23	21	23	25	25	25	25	24	24	25	25	20	20	46	47	49	25	25	25
54	S150554313	20	20	20	20	20	20	20	20	19	16	20	20	20	20	40	34	36	19	19	19
55	S150554315	20	20	20	18	20	20	20	20	16	16	20	20	20	20	40	34	36	19	19	19
56	S150554316	23	23	23	23	23	23	23	23	25	25	21	23	23	23	44	43	48	25	25	25
57	S150554317	25	25	25	25	25	25	25	25	25	25	25	25	25	25	50	50	50	25	25	25
58	S150554318	20	20	20	18	20	20	20	19	16	16	20	20	20	20	40	34	36	19	19	19
59	S150554319	20	20	20	20	20	20	20	20	20	20	20	20	20	20	40	34	36	19	19	19
60	S150554320	20	22	22	23	24	24	24	24	21	21	21	21	20	20	41	41	41	20	20	20
61	S150554323	20	20	20	20	20	20	20	20	21	21	21	21	20	20	46	46	46	20	20	20
62	S150554330	20	20	20	20	20	20	20	20	21	21	21	21	20	20	41	41	41	20	20	20



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Demonstrate and Implement various sorting and searching algorithms.

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Note: While making the mapping between COs and Questions use 1,2,and 3. Do not use L, M and H

Course Outcome -> Class Assignments Question Mapping

CO s	A-1	A-2	A-3	A-4	A-5	A-6
CO 1	1					
CO 2		1				
CO 3			1			
CO 4				1		
CO 5					1	
CO 6						1

Course Outcome -> Pre- End Semester Exam Question Mapping

CO s	Que. 1	Que. 2	Que. 3	Que. 4	Que. 5	Que. 6
CO 1	1					
CO 2		1				
CO 3			1			
CO 4				1		
CO 5					1	
CO 6						1

Course Outcome -> Continuous Assessment Question Mapping (PR)

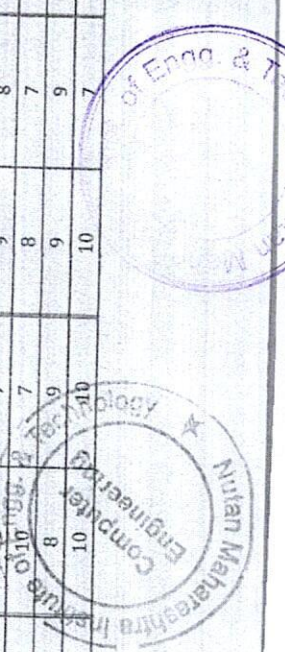
CO s	CA-1	CA-2	CA-3	CA-4	CA-5	CA-6	CA-7	CA-8	CA-9	CA-10
CO 1	1									
CO 2		1								
CO 3			1						1	
CO 4				1				1		
CO 5					1		1			
CO 6						1				

Note: While making the mapping between COs and Questions. use 1.2.and 3. Do



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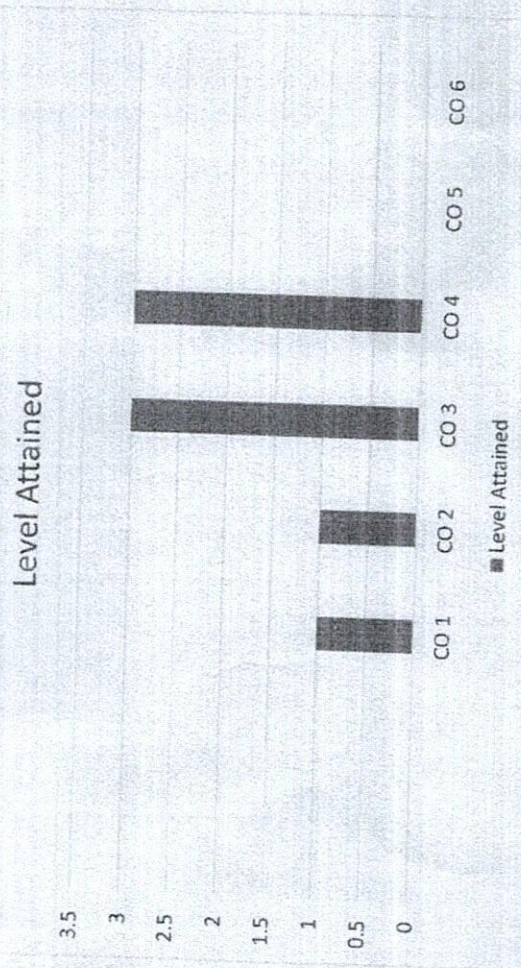
Sr. No.	Student ID	Max. Marks	Class Assignment Question wise Marks Entry						Score Obtained in Each CO through Mapping										
			Asst. 1	Asst. 2	Asst. 3	Asst. 4	Asst. 5	Asst. 6	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6					
1	S15054221		9	7	7	7	10						10	10	8	8	8	9	
2	S15054222		8	10	7	7	10						9	7	7	7	10	10	9
3	S15054223		8	7	7	8	10						8	10	7	7	7	10	9
4	S15054224		8	10	9	7	10						8	7	7	8	8	8	10
5	S15054225		8	8	9	9	9						8	10	9	7	7	7	10
6	S15054226		8	10	9	7	7						8	8	9	9	9	8	10
7	S15054227		8	9	9	7	7						8	10	9	7	7	7	10
8	S15054228		9	7	7	7	7						8	9	9	7	7	8	9
9	S15054229		8	8	9	7	10						9	7	7	7	10	9	9
10	S15054230		8	8	9	10	10						8	8	9	7	10	7	7
11	S15054231		8	8	7	7	8						8	8	9	10	10	10	9
12	S15054232		8	8	9	8	8						8	8	7	7	8	8	10
13	S15054233		9	8	7	10	10						8	8	9	8	8	7	7
14	S15054234		9	8	9	10	10						9	8	7	10	10	10	7
15	S15054235		9	10	9	7	7						9	8	9	10	8	8	9
16	S15054236		8	7	7	7	7						9	10	9	7	7	7	8
17	S15054237		9	9	7	7	9						8	7	7	7	7	9	7
18	S15054238		8	8	7	7	7						9	9	7	9	9	9	10
19	S15054239		9	10	8	10	9						9	8	7	10	9	9	9
20	S15054240		8	10	8	7	10						8	10	8	9	7	8	8
21	S15054241		9	9	7	7	7						8	9	9	7	7	10	10
22	S15054242		9	7	8	7	7						9	7	7	7	7	7	8
23	S15054243		8	8	8	7	10						9	7	8	7	7	10	9
24	S15054244		9	7	9	10	9						8	8	8	7	7	9	9
25	S15054245		8	7	7	8	8						9	7	9	10	9	9	10
26	S15054247		8	9	9	9	7						8	7	7	8	7	7	9
27	S15054248		9	7	8	10	9						8	9	9	9	8	8	10
28	S15054249		8	7	9	9	7						7	7	8	10	9	7	7
29	S15054250		9	9	7	8	7						8	9	9	9	7	7	8
30	S15054251		8	7	7	8	8						9	9	7	8	7	9	9
31	S15054252		9	8	7	8	10						8	7	7	8	8	8	9
32	S15054253		8	10	9	7	9						9	8	7	9	10	10	10
33	S15054255		9	10	7	9	8						8	10	9	7	8	8	8
34	S15054260		9	10	7	9	8						8	10	9	7	9	8	10
35	S15054270		9	8	9	8	7						9	10	7	8	7	7	7
36	S15054271		8	10	9	10	7						8	8	9	9	9	9	9



Principal
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 Talegaon Dabhoda, Pune - 412 205

CO Attainment Level

Target 2	COs	No. of Successful Students	%	Level Attained
Target 1				
Marks				
	CO1	33	53	1
	CO2	31	50	1
	CO3	39	63	3
	CO4	37	60	3
	CO5	0	0	0
	CO6	0	0	0



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Sr. No.	Student ID	Max. Marks	Unit Test Question wise Marks Entry						Score Obtained in Each CO through Mapping														
			Unit Test-1			Unit Test-2			CO1	CO2	CO3	CO4	CO5	CO6									
			12 Que.1	13 Que.2	13 Que.2	12 Que.1	13 Que.2																
1	S150554221																						
2	S150554222		10	8	8	7	7	6					12	13	12	13	0	0					
3	S150554223		8	7	9	8	8	7					10	8	7	6	0	0					
4	S150554224		9	9	9	8	8	7					8	7	8	7	0	0					
5	S150554225		8	9	9	6	8	8					9	9	8	7	0	0					
6	S150554226		9	7	7	10	7	7					8	9	6	8	0	0					
7	S150554227		10	8	8	8	8	8					9	7	10	7	0	0					
8	S150554228		7	8	8	9	9	9					7	8	8	8	0	0					
9	S150554229		10	9	9	10	10	9					10	9	10	9	0	0					
10	S150554230		10	7	7	8	8	9					10	7	8	9	0	0					
11	S150554231		9	7	7	8	8	6					9	7	8	6	0	0					
12	S150554232		8	7	7	8	8	5					8	7	8	5	0	0					
13	S150554233		8	9	9	8	8	8					8	7	8	8	0	0					
14	S150554234		8	7	7	8	8	5					8	9	8	5	0	0					
15	S150554235		9	5	5	7	8	8					8	7	8	8	0	0					
16	S150554236		7	7	7	8	8	8					9	5	7	8	0	0					
17	S150554237		7	5	5	8	8	6					7	7	8	6	0	0					
18	S150554238		9	5	5	8	8	6					7	5	8	6	0	0					
19	S150554239		9	5	5	8	8	6					9	5	8	6	0	0					
20	S150554240		4	4	4	10	10	6					9	5	10	6	0	0					
21	S150554241		8	4	4	8	8	5					4	4	8	5	0	0					
22	S150554242		9	7	7	10	10	7					8	7	10	7	0	0					
23	S150554243		8	4	4	8	8	5					9	7	8	5	0	0					
24	S150554244		10	4	4	10	10	8					8	4	10	8	0	0					
25	S150554245		8	4	4	8	8	7					8	4	10	8	0	0					
26	S150554247		7	4	4	8	8	7					10	4	10	7	0	0					
27	S150554248		7	5	5	5	5	6					7	5	5	6	0	0					
28	S150554249		7	5	5	7	7	8					7	5	7	8	0	0					
29	S150554250		7	4	4	10	10	9					7	4	10	9	0	0					
30	S150554251		8	9	9	9	9	9					8	9	9	9	0	0					
31	S150554252		9	11	11	9	9	7					9	11	9	7	0	0					
32	S150554253		10	9	9	9	9	6					10	9	9	6	0	0					
33	S150554255		7	10	10	7	7	6					7	10	7	6	0	0					
34	S150554260		10	12	12	8	8	9					10	12	8	9	0	0					
35	S150554270		8	4	4	8	8	9					8	4	8	9	0	0					
36	S150554271		9	7	7	7	7	9					9	7	7	9	0	0					
			11	9	9	8	8	9					11	9	8	9	0	0					



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37	S150554275	10	7	9	7	7	9	7	10	7	9	7	0
38	S150554278	11	5	5	9	5	5	9	11	5	5	9	0
39	S150554285	11	7	6	6	6	6	6	11	7	6	6	0
40	S150554287	7	5	7	7	7	7	7	7	5	7	7	0
41	S150554289	10	5	9	8	8	9	8	10	5	9	8	0
42	S150554291	9	5	8	6	6	8	6	9	5	8	6	0
43	S150554293	8	4	9	5	5	9	5	8	4	9	5	0
44	S150554295	8	7	7	7	7	7	7	8	7	7	7	0
45	S150554298	10	11	8	6	6	8	6	10	11	8	6	0
46	S150554299	8	12	8	7	7	8	7	8	12	8	7	0
47	S150554301	7	11	8	5	5	8	5	7	11	8	5	0
48	S150554302	8	10	7	8	8	7	8	8	10	7	8	0
49	S150554304	11	12	8	7	7	8	7	11	12	8	7	0
50	S150554307	9	9	7	9	9	7	9	9	9	7	9	0
51	S150554308	9	10	5	9	9	5	9	9	10	5	9	0
52	S150554309	11	12	7	5	5	7	5	11	12	7	5	0
53	S150554311	8	11	5	8	8	5	8	8	11	5	8	0
54	S150554313	9	11	5	5	5	5	5	9	11	5	5	0
55	S150554315	10	11	6	8	8	6	8	10	11	6	8	0
56	S150554316	11	10	6	6	6	6	6	11	10	6	6	0
57	S150554317	11	11	5	6	6	5	6	11	11	5	6	0
58	S150554318	8	12	6	9	9	6	9	8	12	6	9	0
59	S150554319	8	9	7	5	5	7	5	8	9	7	5	0
60	S150554320	7	9	9	6	6	9	6	7	9	9	6	0
61	S150554323	11	13	7	9	9	7	9	11	13	7	9	0
62	S150554330	10	12	9	6	6	9	6	10	12	9	6	0

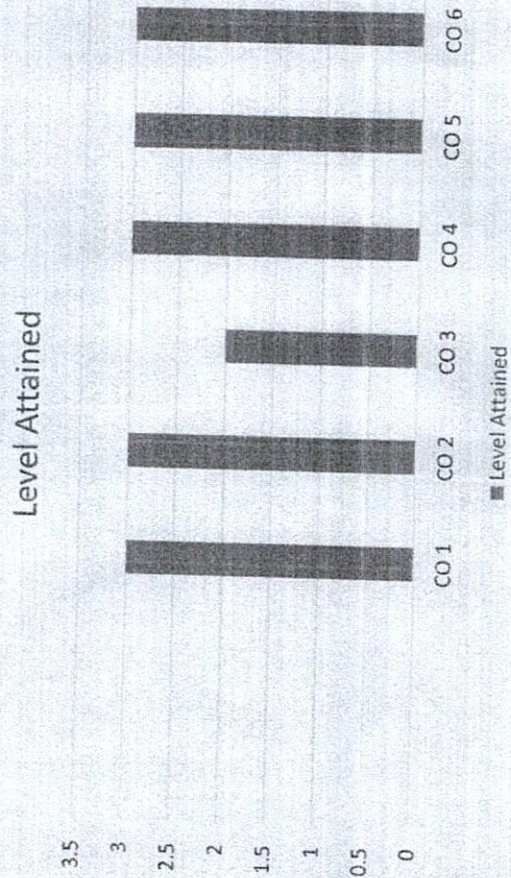


(Signature)
Principal

Nutan Maharashtra Institute of Engg. & Tech.
Talegaon Deemed to be Univ. - 412 007

CO Attainment Level

Target 2 Target 1 Marks	COs	No. of Successful Students	%	Level Attained
	CO1	62	100	3
	CO2	43	69	3
	CO3	34	55	2
	CO4	39	63	3
	CO5	43	69	3
	CO6	40	65	3



Principal

NMIET, Pune
Talgaon, Maharashtra - 411 007

CO - PO Correlation Matrix

COs	Program Outcomes												PSOs	
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2
CO 1	2	3	2	2						2	2	2	2	2
CO 2	2	3	3	2	3					2	2	2	2	2
CO 3	2	3	3	2	2					2	3	2	2	2
CO 4	2	3	3	3	2					3	3	2	2	2
CO 5	2	2	2	3	3					2	2	2	2	2
CO 6	2	2	2	3	3					3	2	2	2	2
	12	16	15	15	13	0	0	0	0	14	14	10	10	6

PO Attainment From CO Attainment (Direct Method)

COs	Program Outcomes & PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2
CO 1	6	9	6	6	0	0	0	0	0	6	6	6	6	6
CO 2	6	9	9	6	9	0	0	0	0	6	6	6	6	6
CO 3	4.66	6.99	6.99	4.66	4.66	0	0	0	0	4.66	6.99	4.66	4.66	4.66
CO 4	6	9	9	9	6	0	0	0	0	9	9	6	6	0
CO 5	6	6	6	9	9	0	0	0	0	6	6	6	6	0
CO 6	6	6	6	9	9	0	0	0	0	9	6	0	0	0
	34.66	45.99	42.99	43.66	37.66	0	0	0	0	40.66	39.99	28.66	28.66	16.66

DIRECT PO & PSO ATTAINED

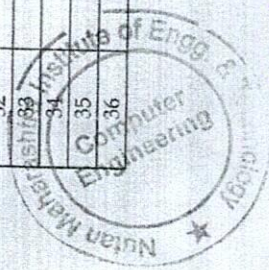
PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2
2.89	2.87	2.87	2.91	2.9					2.9	2.86	2.87	2.87	2.78



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Nutan Maharashtra Institute of Engg. & Tech.
Talegaon (Dist. Nashik), Pune - 410 507



Sr. No.	Student ID	Pre-End Semester Exam Question wise Marks Entry							Score Obtained in Each CO through Mapping																
		Max. Marks	Que 1	Que 2	Que 3	Que 4	Que 5	Que 6	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6											
1	S150554221																								
2	S150554222		4	2	4	6	7																		
3	S150554223		3	5	4	4	5	3																	
4	S150554224		3	4	4	5	3	9																	
5	S150554225		4	4	4	4	4	9																	
6	S150554226		2	5	5	5	5	9																	
7	S150554227		4	2	4	4	4	9																	
8	S150554228		4	3	4	4	4	8																	
9	S150554229		3	5	5	2	3	8																	
10	S150554230		5	5	2	2	6	8																	
11	S150554231		6	3	3	2	3	9																	
12	S150554232		3	5	5	4	5	9																	
13	S150554233		6	2	2	2	4	8																	
14	S150554234		6	4	2	2	6	8																	
15	S150554235		6	3	4	2	7	10																	
16	S150554236		5	3	3	2	3	11																	
17	S150554237		4	5	5	2	5	10																	
18	S150554238		3	2	4	4	7	8																	
19	S150554239		5	4	3	3	6	9																	
20	S150554240		5	5	3	3	5	12																	
21	S150554241		4	5	3	3	3	12																	
22	S150554242		5	5	3	3	5	11																	
23	S150554243		4	5	3	3	5	9																	
24	S150554244		3	2	2	3	3	12																	
25	S150554245		2	5	4	3	5	10																	
26	S150554247		2	6	4	4	3	10																	
27	S150554248		3	5	4	4	3	11																	
28	S150554249		3	4	5	5	3	9																	
29	S150554250		4	6	4	4	5	12																	
30	S150554251		6	5	5	5	3	11																	
31	S150554252		6	3	3	5	4	8																	
32	S150554253		5	4	4	4	4	12																	
33	S150554255		2	7	3	3	7	11																	
34	S150554260		5	6	3	3	4	9																	
35	S150554270		2	6	3	3	7	10																	
36	S150554271		2	3	5	5	6	9																	
			2	4	3	3	4	12																	



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Pune - 411 507

37	S150554275	2	3	3	3	3	8	11	2	3	3	3	8	11
38	S150554278	6	5	4	3	3	9	7	6	5	4	3	9	7
39	S150554285	2	4	3	7	7	11	11	2	4	3	7	11	11
40	S150554287	3	5	3	5	5	8	12	3	5	3	5	8	12
41	S150554289	3	7	4	3	3	11	12	3	7	4	3	11	12
42	S150554291	3	5	3	5	5	9	8	3	5	3	5	9	8
43	S150554293	2	5	4	5	5	9	9	2	5	4	5	9	9
44	S150554295	2	5	3	3	3	12	10	2	5	3	3	12	10
45	S150554298	3	6	3	3	3	11	7	3	6	3	3	11	7
46	S150554299	5	6	3	3	3	10	7	5	6	3	3	10	7
47	S150554301	5	3	3	4	4	8	12	5	3	3	4	8	12
48	S150554302	3	4	3	7	7	11	9	3	4	3	7	11	9
49	S150554304	3	5	3	3	3	8	12	3	5	3	3	8	12
50	S150554307	2	7	3	6	6	11	10	2	7	3	6	11	10
51	S150554308	3	4	4	3	3	12	7	3	4	4	3	12	7
52	S150554309	4	4	3	3	3	10	11	4	4	3	3	10	11
53	S150554311	2	4	3	3	3	8	9	2	4	3	3	8	9
54	S150554313	2	5	5	3	3	12	11	2	5	5	3	12	11
55	S150554315	5	6	5	6	6	12	11	5	6	5	6	12	11
56	S150554316	5	3	4	5	5	12	8	5	3	4	5	12	8
57	S150554317	3	3	4	3	3	9	8	3	3	4	3	9	8
58	S150554318	5	6	4	3	3	12	10	5	6	4	3	12	10
59	S150554319	5	5	5	3	3	11	9	5	5	5	3	11	9
60	S150554320	3	6	5	3	3	12	7	3	6	5	3	12	7
61	S150554323	4	5	5	3	3	12	12	4	5	5	3	12	12
62	S150554330	5	6	4	3	3	9	11	5	6	4	3	9	11

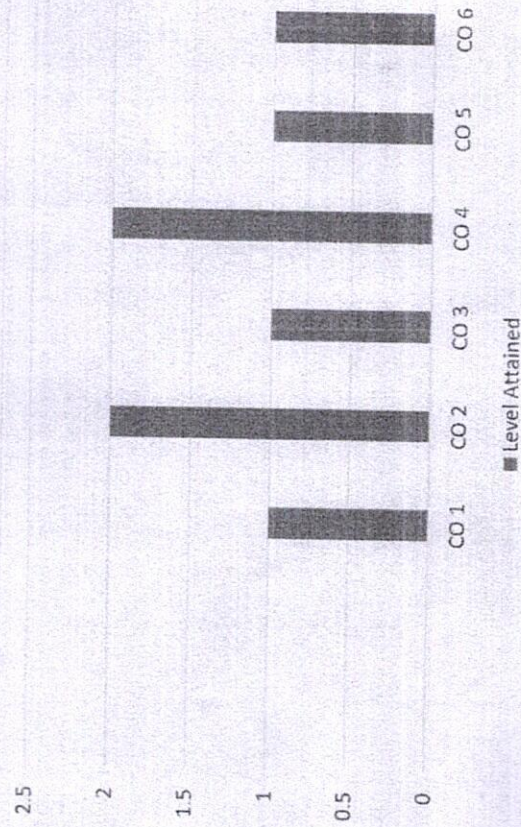


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Telangani Bhopal, Pune-410 507

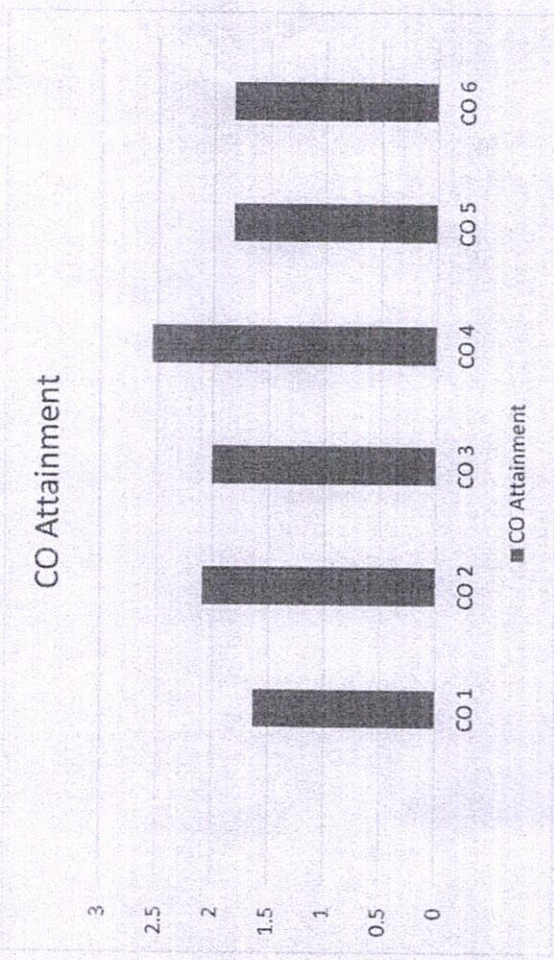
CO Attainment Level


Target 2 Target 1 Marks	COs	No. of Successful Students	%	Level Attained
	CO1	31	50	1
	CO2	35	56	2
	CO3	31	50	1
	CO4	35	56	2
	CO5	33	53	1
	CO6	32	52	1



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Pune

COs	Course Outcomes Attainment					
	Tools Used for Attainment			CO Attainment		
	Class Assignment	Unit Test	CA	Pre-End Sem	CO Attainment	
CO1	3	1	3	1	1.63	
CO2	3	1	3	2	2.09	
CO3	2	3	3	1	2	
CO4	3	3	3	2	2.54	
CO5	3		3	1	1.82	
CO6	3		3	1	1.82	




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 NMIT Mahashtra Institute of Engg. & Tech.
 Tel: 020-26111111

CO - PO and PSO Corelation Matrix

COs	Program Outcomes												PSOs	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	3	2	2						2	2	2	2	2
CO2	2	3	3	2	3					2	2	2	2	2
CO3	2	3	3	2	2					2	3	2	2	2
CO4	2	3	3	3	2					3	3	2	2	
CO5	2	2	2	3	3					2	2	2	2	
CO6	2	2	2	3	3					3	2			
	12	16	15	15	13	0	0	0	0	14	14	10	10	6

PO Attainment From CO Attainment (Direct Method)

COs	COs Attained Level	Program Outcomes												PSO	
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	1.63	3.26	4.89	3.26	3.26	0	0	0	0	3.26	3.26	3.26	3.26	3.26	3.26
CO2	2.09	4.18	6.27	4.18	6.27	0	0	0	0	4.18	4.18	4.18	4.18	4.18	4.18
CO3	2	4	6	4	4	0	0	0	0	4	6	4	4	4	4
CO4	2.54	5.08	7.62	7.62	5.08	0	0	0	0	7.62	7.62	5.08	5.08	5.08	0
CO5	1.82	3.64	3.64	5.46	5.46	0	0	0	0	3.64	3.64	3.64	3.64	3.64	0
CO6	1.82	3.64	3.64	5.46	5.46	0	0	0	0	5.46	3.64	0	0	0	0
		23.8	32.06	30.43	29.98	26.27	0	0	0	28.16	28.34	20.16	20.16	20.16	11.44

DIRECT PO and PSO ATTAINED

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1.98	2	2.03	2	2.02					2.01	2.02	2.02	2.02	1.91



Principal

Nutan Maharashtra Institute of Engg. & Tech.
Telangan District, Pune - 411 007