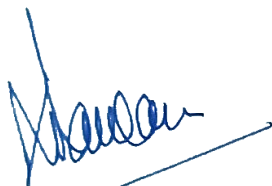


Criterion 2 - Teaching- Learning and Evaluation

2.6.2: Attainment of POs and COs are evaluated.

- Sample Calculation of CO_PO attainment Manually
- Sample Calculation of CO_PO attainment through LMS



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Criterion 2 - Teaching- Learning and Evaluation

AY 2022-23 COMPUTER ENGINEERING SEM V

Data Warehousing & Mining (Theory)

IA-I CO Attainment Calculation

Computer Engineering (2022-23)	
THIRD YEAR - SEM V	
Subject	CSC504-Data Warehousing & Mining (Theory)
Instructor	Avinash Sonule
Exam Name	IA 1
Date of Exam	Thu Aug 25 2022
Total Marks	20

Roll No	Name	1a [2Marks]	1b [2Marks]	1c [2Marks]	1d [2Marks]	1e [2Marks]	2 [5Marks]	3 [5Marks]	Total	Attend
1	Aarya Adhav		2			1	4.5	2.5	10	P
2	Abhishek Bansode	2				0.5	2	4.5	9	P
3	Aditya Basanti	2	2		0.5	1.5	4.5		10.5	P
4	Rohit Bhadane		2	2		1	3.5	2	10.5	P
5	Revati Birajdar	0	2		0.5	2	3.5	3.5	11.5	P
6	Basuki Vikram	0	2			0	3	2.5	7.5	P
7	Prathmesh Borate		1.5	2	1	2	3.5		10	P
8	Aabhushan Chavan		2				2.5	3	7.5	P
9	Harsh Chelimela		2	2		2	4.5	4	14.5	P
10	Chinmay Dalvi	0.5				1			1.5	P
11	Aditi Dubey		2	1		1		5	9	P
12	Anuj Gawade		2	0.5		2	5	5	14.5	P
13	Snehit Gawand		1.5			1	4.5	2.5	9.5	P
14	Omkar Ghadge	0	1	0	0		1	3	5	P
15	Roshan Girase		1.5			1.5	3.5	4	10.5	P
16	Amita Gurav		2			2	4.5	3	11.5	P
17	Nilay Hangarge	0	1			1.5	1		3.5	P
18	Meghana Haral	1	2			2	3.5	3.5	12	P
19	Mihir Jadhav	1	1.5			1.5	2	2	8	P
20	Sumit Jadhav		1.5	0	0			1	2.5	P
21	Manali Jagtap		2			0.5	1.5		4	P
22	Pranay Kadam		2	0		2	2.5	3.5	10	P
23	Sahil Kadam		1.5		1.5	2	4.5		9.5	P
24	Prathamesh Karambekar		2	0.5		1	4.5	5	13	P
25	Ammar Kaskar		2			1	2.5	1	6.5	P

Criterion 2 - Teaching- Learning and Evaluation

27	Altaf Khan	2	2			2	3.5	1	10.5	P
28	Jayesh Kumbhare		2	0			3	2.5	7.5	P
29	Sarthak Mandlik		2	0		2	4	2	10	P
30	Abhishek Maurya		2			1	5	5	13	P
31	Suraj Metkari		2			2	4		8	P
32	Aditya Mhatre	0.5	2			2	2.5	3	10	P
33	Sahil Mokal	0.5	2			2	3	3.5	11	P
34	Krutika Monde	2	2	2	0.5	2	5	4.5	18	P
35	Vedant More	1.5	2	2		2	5	5	17.5	P
36	Alkaif Mukri		2						2	P
37	Suchit Naik		2			1	3.5	3.5	10	P
38	Sudesh Naik		1.5			1	3.5	2	8	P
39	Sandip Narbat		1.5				2		3.5	P
40	Apurva Nikumbh		2				4	2.5	8.5	P
41	Virendra Palekar	0.5	2				4		6.5	P
42	Nitesh Pandit		1.5			2	4	2	9.5	P
43	Humaira Parkar	0	0.5	0			0		0.5	P
44	Bharat Patil		2		1	0	4	4	11	P
45	Daivat Patil	0	2			2	2	1.5	7.5	P
46	Pranit Patil	0	2			2		1	5	P
47	Unnati Patil	1	2	0	1		4.5	3	11.5	P
48	Prajwal Pawshe		2	0		1	5	4.5	12.5	P
49	Falak Peerkhan	0.5	1			0	3	3.5	8	P
50	Shubham Pisal	2	2	0.5		1	4	4	13.5	P
51	Avadhoot Raikar	2	2	0.5		0	4	3	11.5	P
52	Sarvesh Rane	0.5	2	0.5		2	2.5	4	11.5	P
53	Shruti Rane	2	2	0.5		1.5	3.5	4	13.5	P
54	Sanket Rasal		1			2	4	2	9	P
55	Yatmesh Redkar	2	1		1.5		3.5	4	12	P
56	Paras Saini	2	2			1.5	4	4	13.5	P
57	Sarthak Salunke		0.5			2	4.5	1	8	P
58	Shreyas Sawant		1			1.5	3.5	1.5	7.5	P
59	Binash Shaikh		2		2	1.5	2	2	9.5	P
60	Atharva Shinde	2	1.5		2	1.5	4.5	4.5	16	P
61	Nayan Shinde		1		2	1.5	3	4	11.5	P
62	Pranjal Shinde	2	0.5		0.5	1	2	3	9	P
63	Siddharth Shinde	2	2			1	4	2.5	11.5	P
64	Prem Shiravale		1		2	1	1.5	3	8.5	P

Criterion 2 - Teaching- Learning and Evaluation

65	Shraddha Shrivtarkar	0	2		2	1	3.5	4	12.5	P
66	Kunal Suryawanshi	2	2		1	2	3.5	4	14.5	P
67	Himesh Sutar	2	2	2		2	2	1	11	P
68	Aditi Tayade		1	1.5		1	3	1	7.5	P
69	Sanika Tirmare	0.5	2		2		5	4	13.5	P
70	Omkar Tonde	1	2				4		7	P
71	Sachin Torane		1.5			0.5	4	0	6	P
72	Om Ugale	2	2		1.5	2	1	2	10.5	P
73	Govardhan Vanga	0.5	1.5			1	4		7	P
74	Bhavesh Wadhia		2	2		2	4.5	4	14.5	P
75	Harikrishna Kategar	2	2			2	3.5	1	10.5	P
76	Omkar Kandale	2	2			2	4.5	5	15.5	P

	1.a.	1.b	1.c.	1.d.	1.e	2	3
Number of student(s) attempted question	38	73	23	19	62	70	62
Percentage of student(s) above threshold	57.89	95.89	39.13	68.42	88.71	91.43	82.26
Linked course outcome	CO2	CO1	CO1	CO2	CO1	CO1	CO2
Attainment	1	3	0	2	3	3	3

Course Outcome	CO1	CO2	CO3	CO4	CO5
Final Attainment (IA1)	2.25	2	-	-	-

Criterion 2 - Teaching- Learning and Evaluation

AY 2022-23 COMPUTER ENGINEERING SEM V

Data Warehousing & Mining (Theory)

IA-II CO Attainment Calculation

Computer Engineering (2022-23)	
THIRD YEAR - SEM V	
Subject	CSC504-Data Warehousing & Mining (Theory)
Instructor	Avinash Sonule
Exam Name	IA-II
Date of Exam	Fri Oct 21 2022
Total Marks	20

Roll No	Name	1a [2Marks]	1b [2Marks]	1c [2Marks]	1d [2Marks]	1e [2Marks]	2 [5Marks]	3 [5Marks]	Total	Attend
1	Aarya Adhav			2		2	4	2	10	P
2	Abhishek Bansode	2		2	2	2	4	1	13	P
3	Aditya Basanti	2	0.5	1.5	2	2	5	0.5	13.5	P
4	Rohit Bhadane	2		2	2	2	4	1	13	P
5	Revati Birajdar	2		1	2		4	2	11	P
6	Basuki Vikram			1.5			4	1	6.5	P
7	Prathmesh Borate	2				2	3	2	9	P
8	Aabhushan Chavan	2		2	2	2	1	1	10	P
9	Harsh Chelimela	2	1	2	2	2	5	4	18	P
10	Chinmay Dalvi					2			2	P
11	Aditi Dubey				1	2	3	5	11	P
12	Anuj Gawade	0	1	2		2	5	5	15	P
13	Snehit Gawand	2		2	2	1	4.5	5	16.5	P
14	Omkar Ghadge	1		1	1		1		4	P
15	Roshan Girase	1		1		2	4		8	P
16	Amita Gurav	2		2		2	5	4	15	P
17	Nilay Hangarge	2		2	2		3	2	11	P
18	Meghana Haral			2		2	3	3	10	P
19	Mihir Jadhav			2		1	1	2.5	6.5	P
20	Sumit Jadhav						2		2	P
21	Manali Jagtap	2	0.5	2			5	1	10.5	P

Criterion 2 - Teaching- Learning and Evaluation

22	Pranay Kadam	2	2	2		2	3.5	3	14.5	P
23	Sahil Kadam	2	2	2	2		2	4.5	14.5	P
24	Prathamesh Karambekar	2		2	1	2	2	3	12	P
25	Ammar Kaskar				0.5	2	5		7.5	P
27	Altaf Khan	2		2		2	4.5	4.5	15	P
28	Jayesh Kumbhare	1	1	1			4	3	10	P
29	Sarthak Mandlik			2		2	4.5	1	9.5	P
30	Abhishek Maurya	2	1	2	2	1	3	4	15	P
31	Suraj Metkari	2		1	2		4.5	3	12.5	P
32	Aditya Mhatre					2	3	4	9	P
33	Sahil Mokal			2		1	1	4.5	8.5	P
34	Krutika Monde	2	2	2	2	2	5	5	20	P
35	Vedant More	2	1	2	2	2	4	5	18	P
36	Alkaif Mukri	2		2			4	1	9	P
37	Suchit Naik	2	1	2		2		3	10	P
38	Sudesh Naik	2			1	1	1	3	8	P
39	Sandip Narbat	2		1			2	1	6	P
40	Apurva Nikumbh	2		1		1	2		6	P
41	Virendra Palekar	2		2	2	0.5	3	0.5	10	P
42	Nitesh Pandit	2	0.5	2			4	0.5	9	P
43	Humaira Parkar			1			2		3	P
44	Bharat Patil	2		2	2	2			8	P
45	Daivat Patil			2			4.5		6.5	P
46	Pranit Patil			2			4.5		6.5	P
47	Unnati Patil			2		2	5	4	13	P
48	Prajwal Pawshe					2	4	3	9	P
49	Falak Peerkhan	0.5		2		1	4	2	9.5	P
50	Shubham Pisal	2		2		2	5	4	15	P
51	Avadhoot Raikar	2		2	2		4	0.5	10.5	P
52	Sarvesh Rane			2			4	5	11	P
53	Shruti Rane	2	2	2	2		5	2	15	P
54	Sanket Rasal			2	0.5	2		3	7.5	P
55	Yatmesh Redkar	1		2	2		4		9	P
56	Paras Saini	2	2	2		2	3	4	15	P
57	Sarthak Salunke	2	0.5	2	2		5	5	16.5	P
58	Shreyas Sawant			2		2	4	4	12	P
59	Binash Shaikh				1			5	6	P
60	Atharva Shinde	2		2	2	2	5	5	18	P
61	Nayan Shinde	1					4.5	2	7.5	P
62	Pranjal Shinde	2		2			4	3	11	P

Criterion 2 - Teaching- Learning and Evaluation

63	Siddharth Shinde	2		2			4	3	11	P
64	Prem Shiravale				2	2	3	4	11	P
65	Shraddha Shrivarkar	2	2		2			1.5	7.5	P
66	Kunal Suryawanshi			2		1	4.5	4.5	12	P
67	Himesh Sutar	2	1	1		2	3	1	10	P
68	Aditi Tayade	2		2		2	2		8	P
69	Sanika Tirmare			1	2	2		4	9	P
70	Omkar Tonde	1		1		2			4	P
71	Sachin Torane			2			4.5	2	8.5	P
72	Om Ugale	1.5		2		2	4.5	4.5	14.5	P
73	Govardhan Vanga	1.5		2		2	4.5		10	P
74	Bhaves Wadhia	2		1			4.5		7.5	P
75	Harikrishna Kategar	2		2		2	4.5	4.5	15	P
76	Omkar Kandale	2	2	2		2	5	2.5	15.5	P

	1.a	1.b.	1. c	1. d.	1.e.	2	3
Number of student(s) attempted question	51	18	63	29	48	67	60
Percentage of student(s) above threshold	96.08	77.78	100	93.1	97.92	92.54	76.67
Linked course outcome	CO3	CO3	CO4	CO3	CO3	CO4	CO3
Attainment	3	2	3	3	3	3	2

Course outcome	CO1	CO2	CO3	CO4	CO5
Final attainment (IA-II)	-	-	2.6	3	-

Criterion 2 - Teaching- Learning and Evaluation

END SEM EXAM CO ATTAINMENT CALCULATION

Jawahar Education Society's Annasaheb Chudaman Patil College of Engineering, Kharghar	
Computer Engineering (2022-23)	
THIRD YEAR - SEM V	
Subject	CSC504-Data Warehousing & Mining (Theory)
Instructor	Avinash Sonule
Exam Name	University Exam
Date of Exam	Wed Nov 30 2022
Total Marks	80

Roll No	Name	1 [80 Marks]	Total	Attendance
1	Aarya Adhav	37	37	P
2	Abhishek Bansode	39	39	P
3	Aditya Basanti	44	44	P
4	Rohit Bhadane	55	55	P
5	Revati Birajdar	45	45	P
6	Basuki Vikram	32	32	P
7	Prathmesh Borate	51	51	P
8	Aabhushan Chavan	34	34	P
9	Harsh Chelimela	54	54	P
10	Chinmay Dalvi	32	32	P
11	Aditi Dubey	47	47	P
12	Anuj Gawade	47	47	P
13	Snehit Gawand	43	43	P
14	Omkar Ghadge	32	32	P
15	Roshan Girase	45	45	P
16	Amita Gurav	57	57	P
17	Nilay Hangarge	36	36	P
18	Meghana Haral	41	41	P
19	Mihir Jadhav	32	32	P
20	Sumit Jadhav	17	17	P
21	Manali Jagtap	26	26	P
22	Pranay Kadam	51	51	P
23	Sahil Kadam	60	60	P
24	Prathamesh Karambekar	63	63	P
25	Ammar Kaskar	24	24	P
27	Altaf Khan	48	48	P

Criterion 2 - Teaching- Learning and Evaluation

28	Jayesh Kumbhare	36	36	P
29	Sarthak Mandlik	52	52	P
30	Abhishek Maurya	44	44	P
31	Suraj Metkari	46	46	P
32	Aditya Mhatre	52	52	P
33	Sahil Mokal	66	66	P
34	Krutika Monde	40	40	P
35	Vedant More	35	35	P
36	Alkaif Mukri	40	40	P
37	Suchit Naik	21	21	P
38	Sudesh Naik	32	32	P
39	Sandip Narbat	36	36	P
40	Apurva Nikumbh	34	34	P
41	Virendra Palekar	55	55	P
42	Nitesh Pandit	7	7	P
43	Humaira Parkar	32	32	P
44	Bharat Patil	32	32	P
45	Daivat Patil	15	15	P
46	Pranit Patil	50	50	P
47	Unnati Patil	44	44	P
48	Prajwal Pawshe	40	40	P
49	Falak Peerkhan	61	61	P
50	Shubham Pisal	48	48	P
51	Avadhoot Raikar	54	54	P
52	Sarvesh Rane	63	63	P
53	Shruti Rane	32	32	P
54	Sanket Rasal	37	37	P
55	Yatmesh Redkar	51	51	P
56	Paras Saini	42	42	P
57	Sarthak Salunke	37	37	P
58	Shreyas Sawant	47	47	P
59	Binash Shaikh	51	51	P
60	Atharva Shinde	62	62	P
61	Nayan Shinde	51	51	P
62	Pranjal Shinde	45	45	P
63	Siddharth Shinde	41	41	P
64	Prem Shiravale	47	47	P
65	Shraddha Shrivtarkar	45	45	P
66	Kunal Suryawanshi	42	42	P
67	Himesh Sutar	40	40	P
68	Aditi Tayade	49	49	P
69	Sanika Tirmare	19	19	P
70	Omkar Tonde	32	32	P

Criterion 2 - Teaching- Learning and Evaluation

71	Sachin Torane	40	40	P
72	Om Ugale	55	55	P
73	Govardhan Vanga	51	51	P
74	Bhaves Wadhia	59	59	P
75	Harikrishna Kategar	45	45	P
76	Omkar Kandale	40	40	P

	QUESTION Q1-Q6
Number of student(s) attempted question	76
Percentage of student(s) above threshold	90.54
Linked course outcome	CO1 CO2 CO3 CO4 CO5
Attainment	3

Course outcome	CO1	CO2	CO3	CO4	CO5
Final attainment	3	3	3	3	3

ASSIGNMENT CO ATTAINMENT CALCULATION

Jawahar Education Society's Annasaheb Chudaman Patil College of Engineering, Kharghar	
Computer Engineering (2022-23)	
THIRD YEAR - SEM V	
Subject	CSC504 - Data Warehousing & Mining (Theory)
Instructor	Avinash Sonule
Exam Name	Assignments
Total Marks	5

Roll No	Name	A1	A2	A3	A4	A5	A6
1	Aarya Adhav	5	5	5	5	5	5
2	Abhishek Bansode	5	5	5	4	5	5
3	Aditya Basanti	5	5	5	4	5	5
4	Rohit Bhadane	5	5	5	5	5	5
5	Revati Birajdar	5	4	4	5	4	5
6	Basuki Vikram	5	4	4	5	4	5
7	Prathmesh Borate	5	5	5	5	5	5
8	Aabhushan Chavan	4	4	4	5	4	5
9	Harsh Chelimela	5	5	5	5	5	5
10	Chinmay Dalvi	3	3	3	3	3	3

Criterion 2 - Teaching- Learning and Evaluation

11	Aditi Dubey	5	5	5	5	5	5
12	Anuj Gawade	5	5	5	5	5	5
13	Snehit Gawand	5	5	5	5	5	5
14	Omkar Ghadge	3	3	3	5	4	4
15	Roshan Girase	4	5	5	5	5	5
16	Amita Gurav	5	5	5	5	5	5
17	Nilay Hangarge	4	4	4	5	4	5
18	Meghana Haral	4	4	4	5	4	5
19	Mihir Jadhav	4	4	4	5	4	5
20	Sumit Jadhav	5	5	5	5	5	5
21	Manali Jagtap	4	4	5	5	5	5
22	Pranay Kadam	5	5	5	5	5	5
23	Sahil Kadam	5	5	5	5	5	5
24	Prathamesh Karambekar	5	5	5	5	5	5
25	Ammar Kaskar	5	5	5	5	5	5
27	Altaf Khan	5	5	5	5	5	5
28	Jayesh Kumbhare	4	5	5	5	5	5
29	Sarthak Mandlik	5	5	5	5	5	5
30	Abhishek Maurya	4	5	5	5	4	5
31	Suraj Metkari	5	5	5	5	5	5
32	Aditya Mhatre	4	4	5	5	4	5
33	Sahil Mokal	5	5	5	5	5	5
34	Krutika Monde	5	5	5	5	5	5
35	Vedant More	3	3	4	5	5	5
36	Alkaif Mukri	4	4	4	5	5	5
37	Suchit Naik	5	5	4	5	5	5
38	Sudesh Naik	4	4	4	5	5	5
39	Sandip Narbat	5	5	4	5	5	5
40	Apurva Nikumbh	5	5	4	5	5	5
41	Virendra Palekar	5	5	5	5	5	5
42	Nitesh Pandit	3	4	4	5	4	5
43	Humaira Parkar	4	4	5	5	5	5
44	Bharat Patil	3	4	4	5	4	5
45	Daivat Patil	3	3	4	5	3	5
46	Pranit Patil	5	4	5	5	4	5
47	Unnati Patil	5	5	5	5	5	5
48	Prajwal Pawshe	4	4	4	5	4	5
49	Falak Peerkhan	5	5	5	5	5	5
50	Shubham Pisal	5	5	5	5	5	5
51	Avadhoot Raikar	5	5	5	5	5	5
52	Sarvesh Rane	5	5	5	5	5	5
53	Shruti Rane	5	5	5	5	5	5
54	Sanket Rasal	5	5	5	5	5	5

Criterion 2 - Teaching- Learning and Evaluation

55	Yatmesh Redkar	5	5	5	5	5	5
56	Paras Saini	5	5	5	5	5	5
57	Sarthak Salunke	5	5	5	5	5	5
58	Shreyas Sawant	4	4	5	5	5	5
59	Binash Shaikh	5	5	5	5	5	5
60	Atharva Shinde	5	5	5	5	5	5
61	Nayan Shinde	5	5	5	5	5	5
62	Pranjal Shinde	5	5	5	5	5	5
63	Siddharth Shinde	5	5	5	5	5	5
64	Prem Shiravale	5	5	5	5	5	5
65	Shraddha Shrivtarkar	5	5	5	5	5	5
66	Kunal Suryawanshi	5	5	5	5	5	5
67	Himesh Sutar	5	5	5	5	5	5
68	Aditi Tayade	5	5	5	5	5	5
69	Sanika Tirmare	4	4	5	5	5	5
70	Omkar Tonde	5	5	5	5	5	5
71	Sachin Torane	5	4	5	5	5	5
72	Om Ugale	5	5	5	5	5	5
73	Govardhan Vanga	5	5	5	5	5	5
74	Bhavesht Wadhia	5	5	5	5	5	5
75	Harikrishna Kategar	4	4	4	5	5	5
76	Omkar Kandale	3	3	5	4	3	4

Number of student(s) attempted question	76	76	76	76	76	76
Percentage of student(s) above threshold	100	100	100	100	100	100
Linked course outcome	CO1,CO2	CO2	CO3	CO4	CO3,CO4	CO5
Attainment	3	3	3	3	3	3

Course outcome	CO1	CO2	CO3	CO4	CO5
Final attainment	3	3	3	3	3

Criterion 2 - Teaching- Learning and Evaluation

AY 2022-23 COMPUTER ENGINEERING SEM V DWM COURSE EXIT

Timestamp	Email Address	Name of Student	PRN	1.	2.	3.	4.	5
11/2/2022 13:13:24	humairaaparkar@acpce.ac.in	Parkar Humaira Ashraf	201041001	2	2	1	1	1
11/2/2022 13:14:02	hambusakategar@acpce.ac.in	Kategar HariKrishna Ambusa	201041043	2	3	3	2	1
11/2/2022 13:17:13	psunilkumar@acpce.ac.in	Paras Saini	201041006	1	3	3	3	1
11/2/2022 13:17:27	sahilskadam@acpce.ac.in	Sahil Shivaji Kadam	201041009	2	2	3	3	2
11/2/2022 14:57:32	sarthakssalunkhe@acpce.ac.in	Sarthak Sachin Salunke	201041011	3	2	2	2	2
11/2/2022 14:58:03	altafarshadkhan@acpce.ac.in	Altaf Arshad Khan	201041028	3	2	3	2	2
11/2/2022 16:33:49	shubhangishiravale@gmail.com	Prem Gajanan Shiravale	201041038	3	2	2	2	2
11/2/2022 18:02:27	abhishekbansode0774@gmail.com	Abhishek Bansode	211042008	3	3	3	3	3
11/2/2022 18:08:46	sarveshshurane@acpce.ac.in	Sarvesh Uday Rane	201041010	2	3	2	2	1
11/3/2022 8:57:56	bhavesnwnadhaia@acpce.ac.in	Bhaves Naresh Wadhia	211042013	3	3	3	3	3
11/11/2022 16:43:53	vedantamore@acpce.ac.in	More Vedant Anil	201041014	3	3	3	3	3
11/11/2022 17:27:53	rohitvbhadane@acpce.ac.in	Rohit Vilas Bhadane	201041002	2	3	2	3	3
11/11/2022 18:53:42	omkargtonde@acpce.ac.in	Omkar Tonde	201041040	3	3	3	3	3
11/12/2022 13:16:26	aditiutayade@acpce.ac.in	Tayade Aditi Uday	201041016	2	2	2	2	2
11/14/2022 16:51:50	nayanvitthalshinde@acpce.ac.in	Nayan shinde	211042017	3	3	3	2	2
11/14/2022 19:11:25	himeshssutar@acpce.ac.in	Himesh Sadashiv Sutar	211042001	3	3	3	3	3
11/15/2022 10:16:38	aaryaaniladhav@acpce.ac.in	Aarya Anil Adhav	211042011	2	2	2	2	2
11/15/2022 12:40:37	sachinvtorane@acpce.ac.in	Sachin Vikas Torane	201041046	3	3	3	3	3
11/17/2022 11:21:24	virendravpalekar@acpce.ac.in	Virendra Palekar	201041045	3	3	3	3	3
11/17/2022 11:21:51	shreyasdsawant@acpce.ac.in	Shreyas sawant	211042003	3	3	3	3	3
11/17/2022 11:26:50	binashanjumshaikh@acpce.ac.in	Binash Misbah Anjum Shaikh	211042015	2	2	2	2	2
11/17/2022 11:34:21	sudeshrnaik@acpce.ac.in	SUDESH RAMCHANDRA NAIK	211042004	3	3	3	3	3
11/17/2022 11:35:28	pranjalvshinde@acpce.ac.in	Pranjal Vilas Shinde	211042025	3	2	2	2	2
11/17/2022 11:44:06	aabhushanchavan@gmail.com	Aabhushan chavan	201041020	3	3	3	3	3
11/17/2022 11:50:31	sanketbrasal@acpce.ac.in	Sanket Balaso Rasal	201041025	3	3	2	3	2
11/17/2022 11:51:00	amitadgurav@acpce.ac.in	Gurav Amita Dasharath	201041032	2	2	3	3	2
11/17/2022 12:17:38	yatmeshlredkar@acpce.ac.in	Yatmesh Redkar	201041037	3	3	3	3	2
11/17/2022 12:39:43	prathmeshdborate@acpce.ac.in	Prathmesh Dilip Borate	211042007	2	2	2	2	2
11/17/2022 13:20:17	ammarakaskar@acpce.ac.in	Ammar Abbas Kaskar	201041051	2	2	2	2	2
11/17/2022 13:52:31	aditidubey@acpce.ac.in	Aditi Dubey	201041021	3	3	3	3	3
11/17/2022 13:52:46	roshansgirase@acpce.ac.in	Roshan Satish Girase	211042006	3	3	3	3	3
11/17/2022 14:14:14	mmahendrajadhav@acpce.ac.in	Mihir Jadhav	201041012	3	2	3	3	2
11/17/2022 15:17:32	shubhamypisal@acpce.ac.in	Shubham Vilas Pisal	211042024	3	3	3	3	2
11/17/2022 15:24:39	vikrambbiswas@acpce.ac.in	Vikram biswas	201041055	3	3	3	3	3
11/17/2022 15:24:42	apurvasnikumbh@acpce.ac.in	Nikumbh Apurva Sumedh	201041004	3	3	3	3	3
11/18/2022 11:17:02	snehitmgawand@acpce.ac.in	Snehit Milind Gawand	201041005	3	3	3	3	3
11/18/2022 11:17:16	harshachelimela@acpce.ac.in	Harsh a chelimela	201041042	3	3	3	3	2

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11/18/2022 11:17:17	anujagawade@acpce.ac.in	Gawade Anuj Ashok	201041030	3	3	3	3	3
11/18/2022 11:17:20	srane8899@gmail.com	Shruti Prakash Rane	201041036	3	3	3	2	3
11/18/2022 11:18:37	sarthaksmandlik@acpce.ac.in	Sarthak Mandlik	211042014	3	2	3	3	2
11/18/2022 11:18:52	sahilbmokal@acpce.ac.in	Mokal Sahil Baliram	201041034	3	3	3	3	2
11/18/2022 11:21:01	sandipjnarbat@acpce.ac.in	Sandip Jalindar Narbat	201041026	3	3	3	3	3
11/18/2022 11:22:39	manalinjagtap@acpce.ac.in	Manali Nitin Jagtap	201041054	2	2	2	2	2
11/18/2022 11:22:44	pranayvkadam@acpce.ac.in	Pranay kadam	211042021	2	2	2	2	2
11/18/2022 11:33:42	nilayhangarge@gmail.com	Nilay Nagnath Hangarge	201041008	3	3	3	3	3
11/18/2022 11:35:31	pranitspatil@acpce.ac.in	Pranit Patil	201041015	3	3	3	3	3
11/18/2022 11:48:37	shraddharshivtarkar@acpce.ac.in	Shraddha Rupesh Shivtarkar	211042018	3	2	3	2	3
11/18/2022 11:51:14	jayeshkkumbhare@acpce.ac.in	Kumbhare Jayesh Kishor	201041033	3	2	3	3	2
11/18/2022 12:05:20	surajnmetkari@acpce.ac.in	SURAJ NARAYAN METKARI	201041013	3	3	3	3	3
11/18/2022 12:06:54	suchitpnaik@acpce.ac.in	Suchit Prashant Naik	211042012	2	2	2	2	2
11/18/2022 12:13:15	siddharthvshinde@acpce.ac.in	Siddharth vijay shinde	201041007	3	3	3	3	3
11/18/2022 12:14:14	atharvavshinde@acpce.ac.in	Atharva V Shinde	201041027	2	2	2	3	2
11/18/2022 12:18:58	adityaamhatre@acpce.ac.in	Aditya Mhatre	211042022	3	3	3	3	3
11/21/2022 10:38:33	krutikamonde2002@gmail.com	Krutika monde	201041044	3	3	3	3	3
11/21/2022 12:20:53	sanikastirmare@acpce.ac.in	Sanika Sudhakar Tirmare	211042010	3	3	3	3	3
11/21/2022 17:10:22	revatimbirajdar@acpce.ac.in	Revati Mukund Birajdar	211042023	3	3	2	2	2
11/22/2022 12:37:52	abhishekrmaurya@acpce.ac.in	Abhishek Ramjeet Maurya	201041048	3	2	3	3	2
11/22/2022 12:42:19	pradkarambelkar@acpce.ac.in	Prathamesh Karambelkar	201041023	3	3	3	3	3
11/23/2022 18:46:39	falakaarakhan@acpce.ac.in	falak khan	211042016	2	2	2	2	2
				159	155	158	156	142
				159/59 = 2.69	2.62	2.68	2.64	2.41

Criterion 2 - Teaching- Learning and Evaluation

	AY 2022-23 COMPUTER ENGG SEM V DWM						
Course Outcome	Direct Method				DIRECT	Indirect Method	Average CO Attainment Level
	Assignment	University	IA1	IA2		Course Exit	Average CO Attainment Level
CO1	3	3	2.25		2.75	2.69	2.74
CO2	3	3	2.0		2.67	2.62	2.66
CO3	3	3		2.6	2.87	2.68	2.82
CO4	3	3		3	3	2.64	2.91
CO5	3	3			3	2.41	2.8

CO-PO MAPPING PLANNING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	2	2	-	-	-	-	-	-	-	-	2	2	
CO2	2	2	1	-	1	-	-	-	-	-	-	2	2	
CO3	3	3	2	-	-	-	-	1	-	-	-	2	2	
CO4	3	3	2	-	1	-	-	1	-	-	-	2	2	
CO5	3	2	1									2	2	
Avg	2.6	2.4	1.6		1			1				2	2	

Criterion 2 - Teaching- Learning and Evaluation

CO-PO MAPPING ATTAINED

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	1.83	1.83	1.83									1.83	1.83	
CO2	1.77	1.77	0.87		0.87							1.77	1.77	
CO3	2.82	2.82	1.88					0.94				1.88	1.88	
CO4	2.91	2.91	1.94		0.97			0.97				1.94	1.94	
CO5	2.8	1.87	0.93									1.87	1.87	
Avg	2.43	2.24	1.49		0.92			0.96				1.86	1.86	

AY 2018-19 COMPUTER ENGINEERING SEM VII SUBJECT: CSS

CO ATTAINMENT CALCULATION

Sem:VII	Subject:CSS			Course Code:CPC702			Name of Faculty: Mrs. Rachana Y.Patil	
Course Outcome	Direct Method						Indirect Method	Average CO Attainment Level
	Assi gnm ent	IA1	IA2	Modu le Quiz	ESE	Pr/Or	Course Exit form	
CO1	3	1.5	2.83	2.5	2.09	2.34	3	2.47
CO2	3	0	-	2	2.09	2.34	3	2.07
CO3	3	1	2	3	2.09	2.34	3	2.35
CO4	3	-	1.5	3	2.09	2.34	3	2.49
CO5	3	-	-	3	2.09	2.34	3	2.69
CO6	3	-	-	-	2.09	2.34	3	2.61

Criterion 2 - Teaching- Learning and Evaluation

AY 2018-19 COMPUTER ENGINEERING SEM VIII SUBJECT: PDS

Sem:VIII	Subject :PDS	Course Code: CPC803				Name of Faculty: Mrs. Smita R.Chunamari	
Course Outcome	Direct Method					Indirect Method	Average CO Attainment Level
	Assig nmen t	IA1	IA2	EXP	ESE	Course Exit form	
CO1	3	2.25	-	2.00	2.64	2.63	2.50
CO2	3	2	-	2.00	2.64	2.55	2.44
CO3	3	-	3	2.00	2.64	2.52	2.63
CO4	3	-	2.25	2.00	2.64	2.47	2.47
CO5	3	-	3	2.00	2.64	2.45	2.62



Criterion 2 - Teaching- Learning and Evaluation

CO-PO-PSO MAPPING VII (2018-19 ODD) COMPUTER ENGINEERING

[illegible]

Criterion 2 - Teaching- Learning and Evaluation

		System Security		s and practices of cryptographic techniques.														
			CPC7 02.2	Compare and contrast symmetric and asymmetric encryption systems and their vulnerability to attack.	2	-	-	-	1	-	-	-	-	-	-	1	-	1
			CPC7 02.3	Apply appropriate security techniques to solve security problem	1	1	-	-	-	-	-	1	-	-	-	2	1	1
			CPC7 02.4	Design security protocols and methods for solving a particular security problem.	2	2	1	1	1	-	-	1	-	-	-	2	2	1
			CPC7 02.5	Appreciate the application of security techniques and technology	1	1	-	-	-	-	-	1	-	-	-	1	-	-



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Criterion 2 - Teaching- Learning and Evaluation

[illegible]

Criterion 2 - Teaching- Learning and Evaluation

CPP701					e.														
				CPE7023.3	Interpret techniques for image segmentation techniques.	2	2	2	-	2	-	-	-	-	-	-	1	1	1
				CPE7023.4	Develop fast image transform flow graph.	2	2	2	-	2	-	-	-	-	-	-	1	1	1
				CPE7023.5	Solve Image compression and decompression techniques	2	2	2	-	2	-	-	-	-	-	-	1	1	1
				CPE7023.6	Perform Binary Image Processing Operations	2	2	2	-	2	-	-	-	-	-	-	1	1	1
						Average	1.83	2.00	2.00	-	2.00	-	-	-	-	-	1.00	1.00	1.00
CPP701	Project I	Mrs. S. P. Bansu	CPP701.1	Define precisely and systematically the scope , objective ,& timeline of the project	2	1				1	1	1	1	1	2	2	1	1	
			CPP701.2	Perform extensive literature survey to formulat		3	1	1		1	1	2	2	1	2	2	1	1	



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Criterion 2 - Teaching- Learning and Evaluation

					e the problem stated														
				CPP70 1.3	Apply scientific , Engineer ing & mathema tical knowled ge to suggest steps to solve the problem stated	3	1	2			1	1		2	1	2	2	1	1
						3	2	2	1		1	1	2	2	1	2	2	1	1
				CPP70 1.6	Average														
CPL7 01	Networ k Threats and Attacks Laborat ory	Mr. R. C. Suryaw anshi	CPL70 1.1	Recall the concepts Compute r Network and identify various N/W analysis tools.		2											1		
			CPL70 1.2	Classify network tools for Traffic Analysis, Port Scanning , Vulnerab ilities, Attacks and Security		2	1	1			2						1		
			CPL70 1.3	Demonst rate		1	2	2	1	1		1						2	2

Criterion 2 - Teaching- Learning and Evaluation

					Vulnerabilities, Attacks and Security in Computer network.														
				CPL70 1.4	Analyze IDS and Create Firewall to provide Security.		1	2	2	1		2					2	2	
				CPL70 1.5	Develop a program to judge threats, attacks and security to computer network.	1	1	2	2	2	1		2	2	1	1	1	2	2
				Average		1.0	1.4	1.8	1.8	1.3	1.0	2.0	1.7	2.0	1.0	1.0	1.0	1.6	2

CO PO PSO ATTAINED VII (2018-19 ODD) COMPUTER ENGINEERING

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CPC701.1	2.37													
CPC701.2	2.43	0.81		0.81	0.79				1.62					
CPC701.3	1.58	0.79		0.79	0.81				1.58					
CPC701.4	1.62	0.81		0.81	0.79				1.62			0.81	0.81	
CPC701.5	0.80				0.81				0.80			0.80	0.80	
CPC701.6	1.58				1.60				0.79			0.79	0.79	
	1.73	0.80		0.80	0.96				1.28			0.80	0.80	
CPC702.1	1.64											0.82		
CPC702.2	1.38				0.69							0.69		0.69
CPC702.3	0.78	0.78						0.78				1.56	0.78	0.78
CPC702.4	1.66	1.66	0.83	0.83	0.83			0.83				1.66	1.66	0.83
CPC702.5	0.90	0.90						0.90				0.90		

Criterion 2 - Teaching- Learning and Evaluation

CPC702.6	1.74	1.74	0.87		0.87			0.87				1.74		
	1.35	1.27	0.85	0.83	0.80		-	0.85	-	-	-	1.23	1.22	0.77
CPC703.1		2.80	2.80											
CPC703.2		3.00	3.00											
CPC703.3	1.80	1.80			1.80									
CPC703.4		3.00												
CPC703.5		3.00	3.00											
	1.80	2.70	2.90		1.80								1.00	1.00
CPE7023.1	2.57													
CPE7023.2	1.72	1.72	1.72		1.72							2.57	0.86	0.86
CPE7023.3	1.78	1.78	1.78		1.78							2.67	0.86	0.86
CPE7023.4	1.74	1.74	1.74		1.74							2.61	0.86	0.86
CPE7023.5	1.81	1.81	1.81		1.81							2.72	0.86	0.86
CPE7023.6	1.65	1.65	1.65		1.65							2.48	0.86	0.86
	1.88	1.74	1.74	-	1.74	-	-	-	-	-	-	2.61	0.86	0.86
CPP701.1	1.47	0.67				0.67	0.45	0.56	0.75	0.69	1.39	1.39	0.74	0.74
CPP701.2		2.45	0.78	0.50		0.78	0.67	1.34	1.46	0.45	1.45	1.45	0.77	0.77
CPP701.3	2.44	0.54	1.32			0.54	0.61		1.46	0.78	1.44	1.44	0.77	0.77
	1.95	1.22	1.05	0.50		0.66	0.58	0.95	1.22	0.64	1.43	1.43	0.76	0.76
CPL701.1		1.74											1.00	
CPL701.2		1.74	0.87	0.87				1.74					1.00	
CPL701.3		0.87	1.74	1.74	0.87	0.87		0.87					1.00	2.00
CPL701.4		0.87	1.74	1.74	0.87		1.74					1.67	1.00	2.00
CPL701.5	0.87	0.87	1.74	1.74	1.74	0.87		1.74	1.74	0.87	0.87	0.87	2.00	2.00
	0.87	1.22	1.52	1.52	1.16	0.87	1.74	1.45	1.74	0.87	0.87	1.27	1.20	2.00

 A C Patil College of Engineering Navi Mumbai		Jawahar Education Society's					
		A C Patil College of Engineering, Kharghar Navi Mumbai					
		F E Humanity & Basic Science Department					
SUBJECT :-		ENGINEERING PHYSICS-I			Sem I		
NAME :-		PROF. RANJANA BHARAMBE			A	Year 2019-20	
Average CO Attainment Level Vs Course Outcome							
Course Outcome	Direct Method					Indirect Method	Average CO Attainment Level
	Assignment/ Tutorials	IA1	IA2	Module Test	University Exam	Course Exit	
CO1	3	3		3	3	2	2.7
CO2	3	3		2.9	3	3	2.88
CO3	3		3	3	2.9	3	2.86
CO4	3		3	3	3	3	2.93
CO5	3			3	3	3	2.97

CO-PO MATRIX											
Course Outcome	PO1	PO2	PO3	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO 1	3	1									1
CO 2	3	1									1
CO 3	3	1									1
CO 4	3	1									1
CO 5	3	1									1
Target Level	3	1									1

Outcome	PO1	PO2	PO3	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO 1	2.70	0.9									0.9
CO 2	2.88	1									0.96
CO 3	2.86	1									0.95
CO 4	2.93	1									0.98
CO 5	2.97	1									0.99
Achieved Level	2.87	###									0.96

Enter correlation levels 1,2 or 3 as defined below:

- 1: Slight(Low)
2: Moderate (Medium)
3: Substantial (High)

Signature of subject Teacher



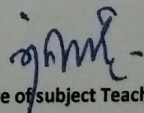
 ACPCE Where knowledge is second nature		Jawahar Education Society's					
		A C Patil College of Engineering, Kharghar Navi Mumbai					
		F E Humanity & Basic Science Department					
SUBJECT :-	ENGINEERING MECHANICS			Sem I			
NAME :-	PROF. SANDEEP ZADE			Div - c	Year 2019-20		
Average CO Attainment Level Vs Course Outcome							
Course Outcome	Direct Method					Indirect Method	Average CO Attainment Level
	Assignment/Tutorials	IA1	IA2	Module Test	University Exam	Course Exit	
CO1	2	3		3	3	2	2.7
CO2	3	3		3	2	3	2.88
CO3	3		3	3	2.3	3	2.86
CO4	3		2.84	3	3	3	2.93
CO5	3		2.84	3	3	3	2.97

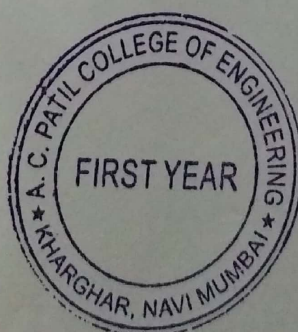
CO-PO MATRIX												
Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO 1	3	1										1
CO 2	3	1										1
CO 3	3	1										1
CO 4	3	1										1
CO 5	3	1										1
Target Level	3	1										1

Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO 1	2.70	0.9										0.9
CO 2	2.88	0.96										0.96
CO 3	2.86	0.95										0.95
CO 4	2.93	0.98										0.98
CO 5	2.97	0.99										0.99
Achieved Level	2.87	0.96										0.96

Enter correlation levels 1,2 or 3 as defined below:

- 1: Slight(Low)
2: Moderate (Medium)
3: Substantial (High)


Signature of subject Teacher





Jawahar Education Society's
A.C. Patil College of Engineering
F.E Department

ATTANIMENT LEVEL FOR ACADEMIC YEAR- (2020-21)

Sr. No	SUBJECT	Name of the staff	DIV	COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1	Engineering Mathematics-I	Mr.Avinash Mind	A,B,C,D	FEC101	2.8	0.93										0.93
2	Engineering Physics- I	Ms. Ranjana Bharambe	A,B,C,D	FEC102	2.94	0.97										0.97
3	Engineering Chemistry- I	Mr Ravindra Patil	A,B,C,D	FEC103	2.9	0.96										0.96
4	Engineering Mechanics.	Mr. Mahendra Deshmukh	B,D	FEC104	2.966	0.980										0.980
		Mr.Sandeep Zade	A,C	FEC104	2.92	0.97										0.97
				AVG	2.94	0.98										0.98
5	Basic Electrical and Electronics	Mr.Pundlik N Ghate	B,D	FEC105	2.96	1.97	1.97									0.98
		Mrs.Jisha Satish	A,C	FEC105												
8	Engineering Mathematics-II	Mr.Avinash Mind	A,B,C,D	FEC201	2.8	0.93										0.93
9	Engineering Physics-II	Ms. Ranjana Bharambe	A,B,C,D	FEC202	2.9	0.99										0.99
10	Engineering Chemistry-II	Mr Ravindra P Patil	A,B,C,D	FEC203	2.9	0.96										0.96
11	Engineering Graphics	Mr Mahendra Deshmukh	B,D	FEC204	2.875	0.95										0.95
		Mr.Sandeep Zade	A,C	FEC204	3	1										1
				AVG	2.94	0.98										0.98
12	C Programming	Mr.Sachin Vaidya	A,B,C,D	FEC205	2.8	2.1	1	1.3	1.7	2.1	2.2	2.6	2.3	2.7	1.2	2.8
13	Professional Communication & Ethics	Mr.Ratan Kamble	A,B,C,D	FEC206								0.97		2.93		0.97




Head
 Basic Science & Humanities
 A. C. Patil College of Engineering
 Kharghar, Navi Mumbai.



Jawahar Education Society's
A.C.Patil College of Engineering
F.E Department

ATTAINMENT LEVEL FOR ACADEMIC YEAR- (2019-20)

Sr. No	SUBJECT	Name of the staff	DIV	COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1	Engineering Mathematics-I	Mrs Shaila S.Surve	A,B	FEC101	2.95	0.98										0.98
		Mrs. Sameeta Saraf	C,D	FEC101	3	1										1
				Avg.	2.975	0.99										0.99
2	Engineering Physics- I	Ms. Ranjana Bharambe	A,B	FEC102	2.95	0.96										0.96
		Mr.Vijay Bagul	C,D	FEC102												
				Avg.	2.95	0.96										0.96
3	Engineering Chemistry-I	Dr.Arпита Pal	C,D	FEC103	2.88	0.96										0.96
		Mr Ravindra P. Patil	A,B	FEC103	2.9	0.96										0.96
				Avg.	2.89	0.96										0.96
4	Engineering Mechanics.	Mr Mahendra Deshmukh	A,B	FEC104	2.913	0.97										0.97
		Mr.Sandeep Zade	C,D	FEC104	2.8	0.94										0.94
				Avg.	2.86	0.96										0.96
5	Basic Electrical and Electronics	Mr.Pundlik N Ghatge	A,B	FEC105	2.86	1.9	1.9									0.95
		Mrs.Bhavana Patil	C,D	FEC105	2.54	1.69	1.69									0.85
				Avg.	2.7	1.80	1.80									0.9
6	Engineering Mathematics-II	Mr.Avinash Mind	A,B,C	FEC201	2.86	0.89										0.95
		Mr.Sachin Chaurse	D	FEC201	2.95	0.98										0.98
				Avg.	2.91	0.94										0.97
7	Engineering Physics-II	Ms. Ranjana Bharambe	A,B	FEC202	2.98	0.99										0.95
		Mr. Vijay Bagul	C,D	FEC202	3	1										1
				Avg.	2.99	0.995										0.98
8	Engineering Chemistry-II	Mr Ravindra P Patil	A,B, C,D	FEC203	2.9	0.96										0.96
9	Engineering Graphics	Dr.G.P.Deshmukh	A	FEC204	2.96	0.99										0.99
		Mr Mahendra Deshmukh	B	FEC204	2.97	0.99										0.99
		Mr.Sandeep Zade	D	FEC204	3	1										1
				Avg.	2.98	0.99										0.99
10	C Programming	Mrs.Shital .P. Jadhav	B,D	FEC205												
		Ms.Prachi Wagde	A,,C	FEC205	1.84	0.92							0.94			
11	Professional Communication & Ethics	Mrs.Vaishali Patil	A,B	FEC205												
		Mr.Ratan Kamble	C,D	FEC205								1		3		1



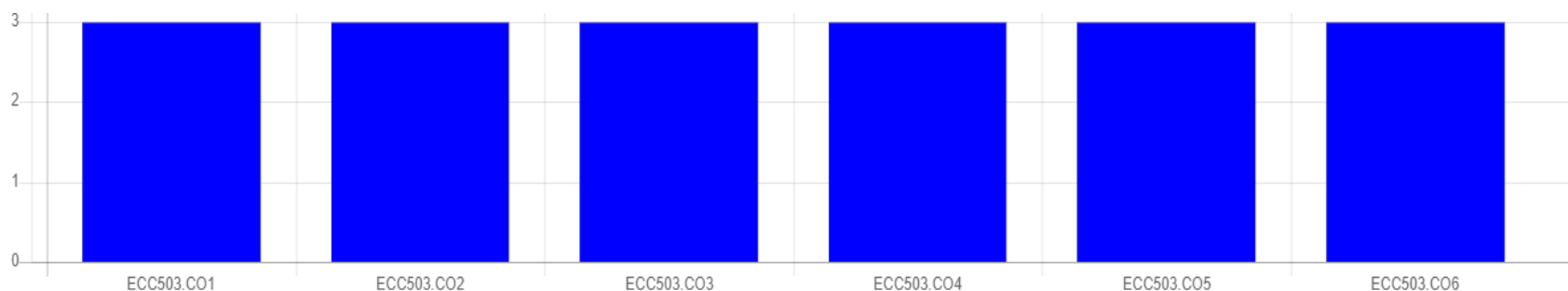

Head
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ECC-503 Digital VLSI - Theory (2021-22) [Dipak Marathe]

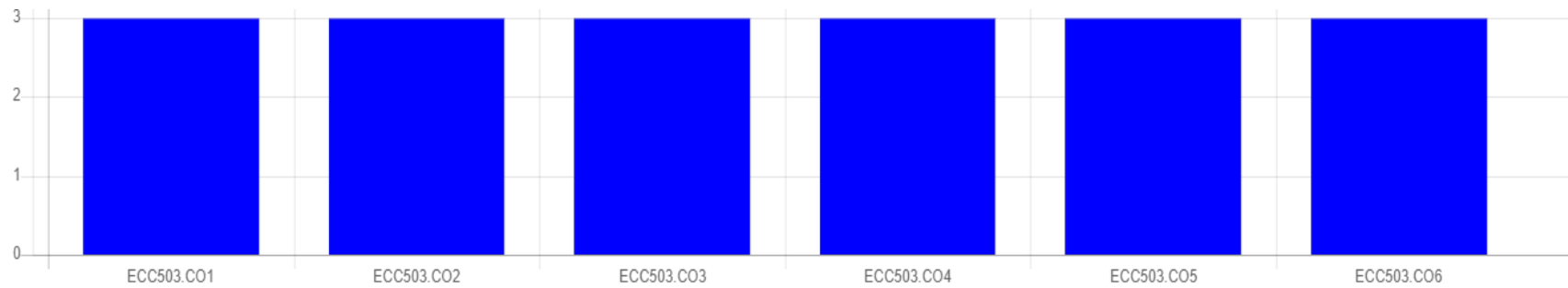
Internal Assessment

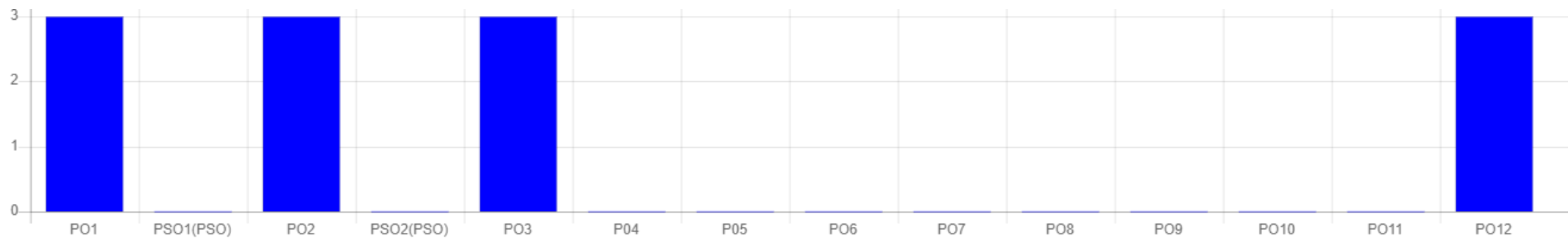
Title	Type	% Weightage	ECC503.CO1	ECC503.CO2	ECC503.CO3	ECC503.CO4	ECC503.CO5	ECC503.CO6
IA-1	Internal	20	0.60	0.60	0.60	0.60	0.60	0.60
IA-2	Internal	20	0.60	0.60	0.60	0.60	0.60	0.60
Percent course outcome weightage			40.00	40.00	40.00	40.00	40.00	40.00
Attainment as per percent weightage			1.20	1.20	1.20	1.20	1.20	1.20
Final attainment			3	3	3	3	3	3



External Assessment

Title	Type	% Weightage	ECC503.CO1	ECC503.CO2	ECC503.CO3	ECC503.CO4	ECC503.CO5	ECC503.CO6
End Semester Exam	External	80	2.40	2.40	2.40	2.40	2.40	2.40
Percent course outcome weightage			80.00	80.00	80.00	80.00	80.00	80.00
Attainment as per percent weightage			2.4	2.4	2.4	2.4	2.4	2.4
Final attainment			3	3	3	3	3	3





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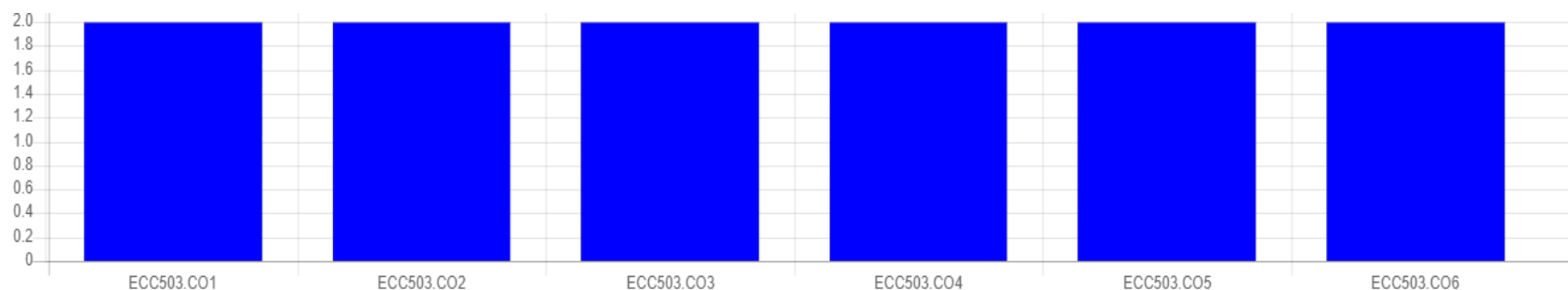
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ECC-503 Digital VLSI - Theory (2022-23) [Dipak Marathe]

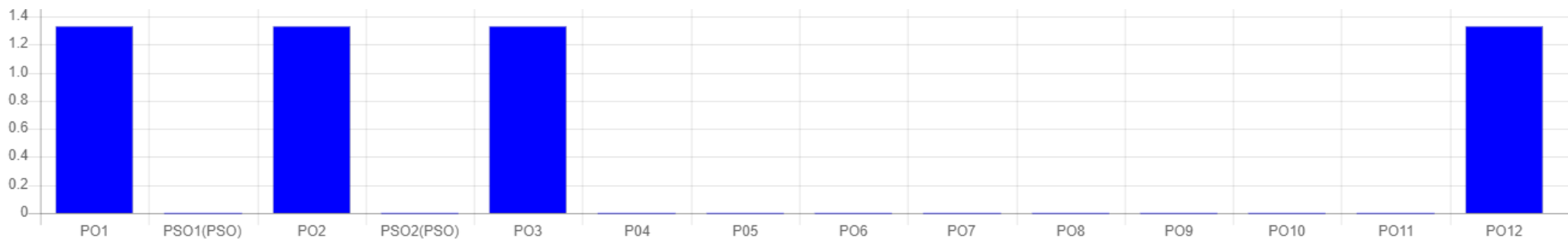
Internal Assessment

Title	Type	% Weightage	ECC503.CO1	ECC503.CO2	ECC503.CO3	ECC503.CO4	ECC503.CO5	ECC503.CO6
Internal Assessment-1	Internal	10	0.10	0.10	0.10	0.10	0.10	0.10
Internal Assessment-2	Internal	10	0.30	0.30	0.30	0.30	0.30	0.30
Percent course outcome weightage			20.00	20.00	20.00	20.00	20.00	20.00
Attainment as per percent weightage			0.40	0.40	0.40	0.40	0.40	0.40
Final attainment			2	2	2	2	2	2



External Assessment

Title	Type	% Weightage	ECC503.CO1	ECC503.CO2	ECC503.CO3	ECC503.CO4	ECC503.CO5	ECC503.CO6
End Semester Examination	External	80	1.60	1.60	1.60	1.60	1.60	1.60
Percent course outcome weightage			80.00	80.00	80.00	80.00	80.00	80.00
Attainment as per percent weightage			1.6	1.6	1.6	1.6	1.6	1.6
Final attainment			2	2	2	2	2	2



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