

**SND COLLEGE OF ENGINEERING & RESEARCH CENTER, YEOLA**

Department of First Year Engineering

CO - Attainment Sheet

Course Det Introduction to DevOps[414445B]

Faculty Nan Prof. Abhale B A

Class BE

Patter 2019

Academic Year 2023-24

Target	47
Level 1 (47 % students above class Avg)	47
Level 2 (50 % students above class Avg)	52
Level 3 (53 % students above class Avg)	57

Internal Assement	20
External Assement	80

Sr No	Roll No	Exam Seat no	Name of Student	CO 1		CO 2		CO 3		CO 4		CO 5		CO 6		Inse m	END SEM	TW/OR
				Class Test 1	ASSIG NMEN T	Class Test 1	ASSIGN MENT	Class Test 2	Assig nme nt 1	Class Test 2	Assig nme nt 2	Class Test 2	Assig nme nt 3	Class Test 2	Assig nme nt 4			
1	1	B190508501	AHER RITIKA KAILAS	11	8	8	8	12	8	12	8	12	8	10	8	20	52	0
2	2	B190508502	AKASH SUNIL BHAMARE	12	7	11	8	12	7	12	7	12	7	9	3	18	50	0
3	3	B190508503	ANSARI UMAIR AHMED EHSANULLAH	11	8	5	8	11	9	10	6	11	6	10	6	26	51	0
4	4	B190508504	ASANE BHAGYASHRI RAMNATH	9	6	10	8	14	7	14	8	14	8	12	8	12	38	0
5	5	B190508506	BANGAR AKSHADA VISHNU	12	6	13	7	14	6	14	9	15	6	12	8	23	53	0
6	6	B190508507	BANSODE DNYANESHWARI KARBHARI	6	8	0	6	12	4	12	8	12	8	11	8	28	50	0
7	7	B190508509	BARE ARATI RAJENDRA	13	9	6	8	14	3	14	9	14	5	12	8	27	47	0
8	8	B190508510	BHAGWAT VAISHNAVI NITIN	12	8	11	7	14	6	15	8	14	6	13	7	12	28	0
9	9	B190508511	BHOSALE PRERNA CHANDRABHAN	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	18	28	0
10	10	B190508512	BIDGAR GAURAV DADA	12	7	12	5	11	8	11	7	11	4	12	6	21	31	0
11	11	B190508513	CHAVAN SURABHI DILIP	7	6	8	6	10	8	10	8	10	3	9	6	16	32	0
12	12	B190508515	DEORE JAGRUTI VISHWASRAO	8	4	8	8	12	8	12	6	12	6	13	7	26	56	0

13	13	B190508516	DESHMUKH CHAITANYA AVINAS	12	8	12	7	10	9	9	8	12	8	15	8	12	12	AB	12	AB	0
14	14	B190508517	DESHMUKH FAIZAN GAYASODDIN	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	19	43	0
15	15	B190508518	DONDE JANVEE RATNAKAR	8	6	8	8	15	8	12	8	10	8	15	8	19	33	0			
16	16	B190508519	GAIKWAD SARVESH TUKARAM	12	8	12	7	14	8	13	9	12	8	13	9	19	33	0			
17	17	B190508520	GAIKWAD AMBIKA BAJIRAO	11	8	10	9	10	7	12	8	13	8	10	7	18	31	0			
18	18	B190508521	GAIKWAD MAYURI BALASAHEB	9	8	8	7	10	6	10	9	10	8	8	6	19	42	0			
19	19	B190508522	GAIKWAD NIKITA DEVIDAS	11	8	7	6	15	8	15	7	15	8	11	9	20	46	0			
20	20	B190508523	GAIKWAD RAHUL MADHAV	13	7	9	4	12	7	12	6	12	8	11	8	26	43	0			
21	21	B190508524	GAIKWAD SHRADDHA RAJENDRA	8	8	8	3	15	6	15	4	15	7	11	6	21	45	0			
22	22	B190508525	GARUD GANESH RAJENDRA	9	6	8	6	15	8	15	3	15	6	11	8	23	35	0			
23	23	B190508526	GAWALI SANSKRUTI RAJENDRA	7	6	12	8	12	6	12	7	12	8	11	8	18	43	0			
24	24	B190508527	GAWARE CHANCHAL KALIDAS	9	8	12	8	15	8	15	5	14	7	12	8	24	50	0			
25	25	B190508528	GHARTE PUJA SATISH	13	9	13	8	12	5	12	4	12	6	9	8	23	52	0			
26	26	B190508529	GUNJAL ROSHANI BHAUSAHEB	12	8	8	8	12	8	12	7	12	8	11	8	27	50	0			
27	27	B190508530	HARDE ASHVINI GORAKHNATH	9	9	9	8	11	7	10	8	9	6	9	8	20	40	0			
28	28	B190508531	JADHAV GAYATRI RAMDAS	11	7	8	8	12	4	11	5	12	8	13	8	27	58	0			
29	29	B190508533	JEUGHALE ASHISH MADHUKAR	10	6	10	8	5	3	5	8	2	5	2	7	17	43	0			
30	30	B190508534	KALE PRAVIN TEJRAO	7	4	7	7	12	6	12	9	12	8	11	6	27	50	0			
31	31	B190508535	KALYANI KABUNATH PANGAVHANE	10	3	9	6	11	8	11	6	11	7	12	8	21	47	0			
32	32	B190508536	KASAR JAYESH DATTATRAY	12	6	11	8	10	5	10	7	10	4	9	7	17	42	0			
33	33	B190508537	KHAN MOHD AUN IRFAN	14	8	14	7	15	8	15	8	15	3	9	6	12	29	0			
34	34	B190508538	KHANDEKAR BINDIYA ASHOK	7	8	6	6	11	7	AB	8	11	6	12	8	12	13	0			
35	35	B190508539	KSHATRIYA ARCHIT ARVIND	8	8	8	8	10	4	10	6	10	8	9	6	18	42	0			
36	36	B190508540	KUKKAR VINAYAK VIJAY	15	8	14	6	10	3	10	5	10	5	9	8	20	55	0			

37	37	B190508541	LOKHANDE SHRUTI PRAVIN	11	7	10	8	10	6	10	5	10	8	11	5	22	33	0
38	38	B190508542	MANGESH SUBHASH THORAT	8	8	9	5	11	8	11	7	13	7	12	8	16	43	0
39	39	B190508543	MITKE SAMADHAN MANILAL	9	6	13	8	15	8	15	8	15	4	12	7	16	40	0
40	40	B190508544	NIKAM SHITAL NIVRUTTI	7	6	8	7	8	8	10	6	10	3	8	9	19	47	0
41	41	B190508545	NIKAM TEJAS BHAUSAHEB	9	7	8	8	7	8	7	6	11	6	6	9	17	51	0
42	42	B190508546	PAGARE MAITHILI PRAVIN	12	9	11	3	11	7	11	8	11	8	12	6	19	39	0
43	43	B190508547	PARDESHI KRISHNA DHANRAJ	12	8	12	6	13	8	13	9	13	8	13	8	24	50	0
44	44	B190508548	PHATANGARE NAVNATH S	12	9	0	8	11	6	11	8	11	8	14	8	19	43	0
45	45	B190508549	SAMBARE PRATIKSHA B	AB	7	8	5	15	6	15	9	14	8	8	8	12	42	0
46	46	B190508550	SANGALE PRIYANKA KAILAS	8	6	7	8	5	7	AB	7	12	7	11	8	15	30	0
47	47	B190508552	SHAIKH AFROJ MUNAWAR	7	4	7	7	11	6	11	6	11	8	12	7	24	55	0
48	48	B190508553	SHAIKH SADAF	12	3	11	4	10	7	11	4	10	6	10	8	22	59	0
49	49	B190508555	SHELKE PRATIKSHA SANTOSH	8	6	8	3	11	8	11	3	10	6	10	6	22	44	0
50	50	B190508556	SHINDE PRANALI SATISH	12	8	11	9	10	9	11	8	11	7	13	6	23	45	0
51	51	B190508557	SUNIL NAVNATH CHAVAN	7	8	8	8	10	6	10	8	10	6	11	7	15	35	0
52	52	B190508558	TAYADE GAYATRI RAMESH	14	8	10	8	12	7	12	8	15	7	13	9	26	56	0
53	53	B190508559	TIRMAKHE VISHAL RAVINDRA	13	8	11	8	10	8	11	8	11	8	13	8	26	51	0
54	54	B190508560	TRIMBAKE NEHA RAJENDRA	8	7	8	8	9	7	9	7	8	6	9	9	27	55	0
55	55	B190508561	TUPLONDHE RAKESH D	12	6	12	7	15	6	15	8	15	6	15	7	15	19	0
56	56	B190508562	TUTARE ASHOK SONAJI	7	8	8	8	15	8	15	6	10	AB	10	7	24	49	0
57	57	B190508563	VAISHALI RAMADAS SHINDE	7	7	7	6	12	8	12	6	12	8	11	4	19	42	0
58	58	B190508564	VISHAL MANJABAPU CHAVAN	13	6	12	6	10	8	5	7	5	AB	11	3	16	38	0
59	59	B190508565	WAGHCHAURE DHANASHREE	13	8	12	7	13	8	12	6	15	9	14	6	23	48	0
60	60	B190508566	YADAV SAYALI POPAT	10	6	9	AB	10	8	11	7	11	8	10	8	20	36	0

			13	8	12	7	10	7	10	8	10	AB	15	8	16	24	0
62	62	B190508568	YASHRAJ VIJAY SHINDE														
		B190508568	ZALTE PRIYANKA SURESH												23	59	0
<b>Total No Of Students</b>			67	67	67	67	67	67	67	67	67	67	67	67	67	67	0
<b>Total No Of Students Absent</b>			3	2	2	4	2	2	4	2	2	5	2	2	1	3	0
<b>Total No Of Students Present</b>			64	65	65	63	65	65	63	65	65	62	65	65	66	64	0
<b>Total Marks</b>			606	423	559	410	693	414	672	419	696	385	659	436	1247	2645	0
<b>Average Marks</b>			9.47	6.508	8.6	6.5079	10.7	6.37	10.7	6.45	10.71	6.21	10.1	6.71	18.9	41.3	0
<b>% Class Average</b>			0.63	0.651	0.57	0.6508	0.59	0.64	0.59	0.64	0.669	0.62	0.56	0.67	0.63	0.59	0

CO Weightage

CO	CLASS TEST 1	CLASS TEST 2	ASSIGNMENTS
CO1	15		10
CO2	15		10
CO3		18	10
CO4		18	10
CO5		16	10
CO6		18	10
TOTAL	30	70	60

Class Average IA (Internal Assessment)

CO	CLASS TEST 1	CLASS TEST 2	ASSIGNMENTS	IA CLASS AVERAGE (Rounded in %)
CO1	0.63		0.65	64
CO2	0.57		0.65	61
CO3		0.59	0.64	61
CO4		0.59	0.64	62
CO5		0.67	0.62	65
CO6		0.56	0.67	62

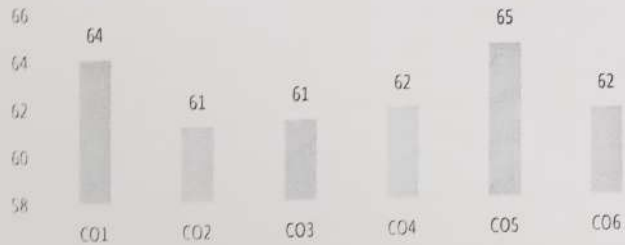
Calculation of CO Attainment= 20% IA+ 80 % EA

CO	IA CLASS AVERAGE (Rounded in %)	EA Class Average (Rounded in %)	Direct CO Attainment 0.20 IA +0.80 EA
CO1	64	44	48
CO2	61	44	47
CO3	61	44	47
CO4	62	44	48
CO5	65	44	48
CO6	62	44	48

CO Quality Compliance

CO	Target	CO Attainment Gap	ACTION PROPOSED TO BRIDGE GAP	Modification Of the target where Achieved
CO1	47	1	co achived	
CO2	47	0	co achived	
CO3	47	0	co achived	
CO4	47	1	co achived	
CO5	47	1	co achived	
CO6	47	1	co achived	

Chart Title



AMC

HOD

Principal

**SND COLLEGE OF ENGINEERING & RESEARCH CENTER, YEOLA**Department of MBA  
CO - Attainment SheetCourse Details:- Marketing Management  
Faculty Name :- Samudre Vishal B.

Class:- MBA I

Pattern :- 2019 Revised

Academic Year :- 2023-24

Target	50
Level 1 (47 % students above class Avg)	50
Level 2 (50 % students above class Avg)	55
Level 3 (53 % students above class Avg)	60

Internal Assement	50
External Assement	50

Sr No	Roll No	Exam Seat no	Name of Student	CO 1		CO 2		CO 3		CO 4		CO 5		CO 6		Prelim Exam	END SEM	TW/OR
				Class Test 1	ASSIGNMENT	Class Test 1	ASSIGNMENT	Class Test 2	Assignment 1	Class Test 2	Assignment 2	Class Test 2	Assignment 3	Class Test 2	Assignment 4			
Total Marks				10	10	15	10	16	10	10	10	10	10	15	10	50	100	0
1	1	50455	AHER SAYLEE DIPAK	9	5	8	7	14	5	6	3	7	9	11	8	37	61	
2	2	50456	AKSHADA GORAKH DONGARE	7	6	9	5	11	7	8	5	6	8	10	7	41	69	
3	3	50457	AMOL BHIMASHANKAR GAIKWAD	7	5	14	7	6	7	6	6	5	9	9	6	39	65	
4	4	50458	ARSHAD AKIL SHAIKH	7	5	8	6	6	5	7	4	4	9	13	4	35	57	
5	5	50460	BANKAR SONALI VISHNU	8	8	8	7	14	4	8	4	7	8	11	6	41	69	
6	6	50461	BARE AKANKSHA ULHAS	7	8	8	5	9	7	6	5	5	9	13	4	41	69	
7	7	50462	BHAD VARSHA MACHHINDRA	8	7	12	8	11	6	6	2	4	8	8	6	24	35	
8	8	50463	BHAGWAT SAKSHI VILAS	7	9	14	7	14	7	7	4	6	8	8	7	39	65	
9	9	50465	BODKE DNYANESHWAR ASHOK	7	8	13	6	7	7	9	3	4	9	9	5	41	69	
10	10	50466	DAFAL PRASAD RAJENDRA	9	7	13	6	13	7	6	5	4	9	7	5	40	68	
11	11	50467	DAHALE YASH VIJAY	8	8	10	6	9	7	9	6	6	8	12	8	36	59	
12	12	50468	ENDAIT SEJAL SHARAD	7	6	11	6	14	4	6	4	5	8	12	5	40	71	
13	13	50469	FATANGARE PAYAL DNYANESHWAR	8	6	11	8	12	4	6	2	6	9	12	7	35	57	
14	14	50471	GAURAV RAJENDRA PAWAR	7	5	12	5	10	7	6	3	4	8	7	4	22	31	
15	15	50473	GHOLAP DIPALI KAILAS	7	8	13	7	10	5	9	4	4	9	12	4	21	29	
16	16	50474	JADHAV ASHUTOSH GORAKH	8	6	8	5	8	7	7	4	4	8	8	7	27	41	
17	17	50475	JADHAV DIPAK SANJAY	8	6	10	8	13	5	9	3	4	9	10	4	33	53	
18	18	50476	JAWALE UJJAINI SANJAY	9	8	12	5	5	5	8	3	4	9	10	7	38	63	
19	19	50477	JYOTI RAJENDRA NAIKWADE	9	6	10	6	14	7	7	5	7	9	13	6	38	63	
20	20	50478	KAWADE MAYURI SHANKAR	9	9	11	5	10	4	8	2	4	8	12	5	42	71	
21	21	50479	KOKATE NEHA RAMNATH	8	7	10	7	11	7	8	3	5	9	7	4	27	41	
22	22	50480	KOTAME SAMADHAN SUBHASH	7	7	9	7	8	5	7	6	7	8	11	7	25	37	
23	23	50481	KOTWAL NIKHIL SUNIL	7	5	8	6	8	6	6	2	4	8	7	8	27	41	
24	24	50482	KSHATRIYA SWAPNIL GOPAL	8	9	12	6	10	4	8	5	4	9	7	6	22	31	
25	25	50483	LALIT GANGADHAR MORE	9	7	9	6	8	5	6	2	5	8	13	5			
26	26	50484	LOHATE HRUSHIKESH SANTOSH	8	8	8	7	15	7	6	3	6	9	12	7	25	37	
27	27	50486	MUNDHE ANANT VITTHAL	8	8	13	5	11	4	7	4	5	9	9	4	22	31	
28	28	50487	MUNDHE PRITAM MARUTI	7	9	14	7	14	4	9	4	4	9	10	5	27	41	
29	29	50488	MUNGSE NIKITA DNYANESHWAR	9	8	12	6	5	7	9	6	5	8	7	3	36	59	
30	30	50489	NEHE RUSHI EKNATH	8	7	9	6	14	7	8	2	6	9	9	4	35	57	
31	31	50490	NIKAM KUBER SURESH	7	7	8	5	14	4	9	4	5	9	13	8	23	33	
32	32	50491	NIKAM NIKITA RAJENDRA	8	7	10	6	12	7	6	4	4	9	12	5	25	37	
33	33	50492	PADEKAR DADASHEB HARIBHAU	9	6	8	7	11	4	8	5	4	9	11	5	34	55	
34	34	50493	PANHALE POOJA RAVINDRA	8	6	13	5	13	6	8	3	7	8	12	8	33	53	
35	35	50494	PATIL GAYATRI ANIL	8	9	9	5	8	5	7	3	6	8	10	4	34	55	
36	36	50495	PAWAR ASHIKA RAMBHAU	9	5	9	8	13	6	6	6	4	8	7	5	39	65	
37	37	50496	PAWAR SONALI BHAUSAHEB	9	5	11	5	15	7	8	4	4	9	7	4	37	61	
38	38	50497	PAWAR YOGESH NANDU	9	7	10	6	6	7	9	4	5	9	12	8	25	37	
39	39	50498	PIMPLE RAJESHWARI SANJAY	7	9	11	5	6	7	7	5	7	8	7	6	22	31	
40	40	50499	PINGALE PRATIMA RAJENDRA	7	9	11	5	5	5	6	5	7	8	9	6	35	57	
41	41	50501	PRAJAKTA GULABRAO KOKATE	9	9	14	6	5	4	7	5	7	9	9	3	36	59	
42	42	50502	PRAVIN KARBHARI YADAV	8	5	8	5	8	4	9	2	5	9	10	4	35	57	
43	43	50503	REKHA CHANDRABHAN KUMBHARKAR	9	9	14	8	8	5	6	5	5	9	10	8	43	73	
44	44	50504	SAINKAR PRATIK CHANDRAKANT	7	5	13	6	15	7	9	4	5	8	8	6	33	53	
45	45	50505	SAKHARE SARTHAK SOMNATH	9	5	8	7	6	4	8	4	4	8	12	5	27	41	
46	46	50506	SAURABH NANASAHEB BARAHATE	9	6	12	6	14	5	6	4	5	8	7	8	39	65	
47	47	50507	SAURABH RAJENDRA PAWAR	8	9	14	6	11	7	9	2	6	8	10	7	46	46	
48	48	50509	SHAIKH MUSKAN NAJEER	8	6	13	6	13	4	8	4	7	8	10	3	40	71	
49	49	50510	SHAIKH NAUSHEEN SHAZEB	9	9	8	8	15	4	6	2	4	9	13	6	44	75	
50	50	50511	SHINDE PRATIK HIRALAL	8	9	10	5	10	7	8	5	7	8	9	3	24	35	
51	51	50512	SONAWANE KRUSHNA NIVRUTTI	8	7	8	8	10	4	9	5	5	8	10	4	25	37	
52	52	50513	SONAWANE SHIVLESH DNYANESHWAR	8	7	14	8	10	6	8	2	7	8	9	4	41	41	
53	53	50514	SUJIT VIJAY SONAWANE	7	6	9	8	9	5	8	4	7	9	13	8	40	40	
54	54	50515	SWAPNIL SUNIL ASHTEKAR	8	6	9	6	7	5	8	5	7	8	12	6	26	39	
55	55	50516	TAMBE KIRAN RAVINDRA	7	9	12	6	7	6	8	4	5	9	11	3	36	59	
56	56	50517	THOMBARE ANIKET GANPAT	8	9	14	7	5	7	9	5	5	9	12	6	36	59	
57	57	50518	TUSHAR SANJAY KAPADNIS	7	5	14	8	11	5	7	5	4	9	10	7	33	53	
58	58	50519	USARE KRUSHNA BABASAHEB	8	8	13	8	10	6	6	5	5	8	8	7	27	41	
59	59	50499	SHRUTI ANIL MORE	7	9	14	5	10	5	7	3	4	9	12	5	17	21	
60	60	50460	GAIKWAD SEJAL SANTOSH	9	7	9	9	7	8	8	7	7	7	7	7	25	37	

61	61	50469	KORDE VAIBHAV SURESH	9	9	7	8	7	8	7	7	8	9	7	9	34	55		
Total No Of Students				61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	0
Total No Of Students Absent				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total No Of Students Present				61	61	61	61	61	61	61	61	61	61	61	61	61	69	61	0
Total Marks				468	419	640	372	601	331	438	232	308	503	594	330	1911	2989	0	0
Average Marks				7.67	6.869	10.5	6.0984	9.85	5.43	7.18	3.803	5.0492	8.2459	9.738	5.41	27.696	49	0	0
% Class Average				0.77	0.687	0.7	0.6098	0.67	0.54	0.718	0.38	0.5049	0.8246	0.649	0.541	0.5539	0.49	0	0

CO	CLASS TEST 1	CLASS TEST 2	ASSIGNMENTS
CO1	10		10
CO2	15		10
CO3		16	10
CO4		10	10
CO5		10	10
CO6		15	10
TOTAL	25	51	60

Class Average IA (Internal Assessment)

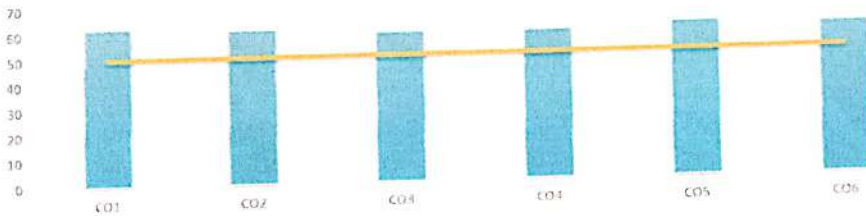
CO	CLASS TEST 1	CLASS TEST 2	ASSIGNMENTS	IA CLASS AVERAGE (Rounded in %)
CO1	0.77		0.69	73
CO2	0.70		0.61	65
CO3		0.62	0.54	58
CO4		0.72	0.38	55
CO5		0.50	0.82	66
CO6		0.65	0.54	60


Calculation of CO Attainment = 20% IA + 80% EA


CO	IA CLASS AVERAGE (Rounded in %)	EA Class Average (Rounded in %)	Direct CO Attainment 0.20 IA + 0.80 EA
CO1	73	59	62
CO2	65	59	60
CO3	58	59	59
CO4	55	59	58
CO5	66	59	60
CO6	60	59	59


CO Quality Compliance

CO	Target	CO Attainment Gap	ACTION PROPOSED TO BRIDGE GAP	Modification Of the target where Achieved
CO1	50	12	co achieved	
CO2	50	10	co achieved	
CO3	50	9	co achieved	
CO4	50	8	co achieved	
CO5	50	10	co achieved	
CO6	50	9	co achieved	



  
 HOD  
 HOD MBA

  
 AMC

  
 Principal

SND College of Engineering  
 Research Center Babhulgaon  
 Yeola, Dis:-Nashik (M.S.)



**SND COLLEGE OF ENGINEERING & RESEARCH CENTER, YEOLA**  
 Jagdamba Education Society's  
 Department of Mechanical Engineering  
 CO - Attainment Sheet

Course Details: **2023-24 / SEM 1/ TE MECH / Mechatronics (302044)** Class: **TE** Pattern: **2019** Academic Year: **2023-24**  
 Faculty Name: **Prof. T.V. Gujrathi**

Target	
Level 1 (43 % students above class Avg)	43
Level 2 (47 % students above class Avg)	47
Level 3 (50 % students above class Avg)	50

Internal Assessment	
Internal Assessment	30
External Assessment	70

Sr No	Roll No	Exam Seat no	Name of Student	CO 1		CO 2		CO 3		CO 4		CO 5		CO 6		Inse m	END SEM	TW/OR /PR		
				Class Test 1	Assign ment 1	Class Test 2	Assign ment 2	Class Test 3	Assign ment 3	Class Test 4	Assign ment 4	Class Test 5	Assign ment 5	Class Test 6	Assign ment 6					
Total Marks				20	10	20	10	20	10	20	10	20	10	20	10	30	70	25		
1	1	T190500804	ADHAV ANU NANDU	15	8	20	7	13	8	16	8	20	8	15	8	25	38	20		
2	2	T190500806	AHER SHASHIKANT DHONDIRAM	16	8	15	7	16	7	15	8	15	7	16	8	24	28	20		
3	5	T190500822	BHINGARE NILESH ANIL	17	9	12	8	16	7	17	9	12	7	17	8	18	28	18		
4	7	T190500823	BHORKARE VAISHNAVI PRAVIN	19	8	16	8	17	8	18	8	16	8	19	8	22	49	21		
5	16	T190500840	DONGARE VAIBHAV VEDU	18	8	15	8	18	6	16	8	15	8	18	8	18	5	18		
6	17	T190500882	GAIKWAD HRUSHIKESH VITTHAL	17	8	17	8	16	9	15	8	17	8	17	8	17	7	27	40	20
7	22	T190500997	INGLE PAVAN DIPAK	16	8	17	6	15	8	16	8	17	8	17	8	16	8	22	19	20
8	25	T190500862	JADHAV VINOD SHIVAJI	20	8	19	7	19	8	17	8	19	6	20	7	22	14	19	19	
9	35	T190501017	LONDHE OM RAJESH	17	7	16	7	16	7	18	7	16	9	17	8	24	31	21	21	
10	37	T190500878	MAKONE SAHIL LAXMAN	17	9	15	7	15	8	16	9	15	9	17	7	28	39	21	21	
11	39	T190500883	MORE AADINATH ASHOK	18	9	17	7	16	7	15	9	17	9	18	8	24	29	19	19	
12	40	T190500886	MORE PRAVIN YASHWANT	16	7	14	7	15	7	16	7	14	9	16	7	24	41	19	19	
13	41	T190500888	MORE SUJAL ASHOK	16	8	13	7	16	7	17	8	13	8	16	8	21	37	17	17	
14	53	T190500918	SHAIKH AAVEJ ANSAR	15	8	18	7	15	8	18	8	18	8	15	7	21	31	18	18	
15	58	T190500925	SHINDE GANESH RAMESH	16	8	12	8	15	6	16	7	12	8	16	8	19	29	18	18	
16	62	T190500939	UNDE ROHIT NIVRUTTI	17	8	12	7	17	6	15	7	12	8	17	7	AB	AB	AB	AB	
17	63	T190500945	WAGH JANARDHAN NANDU	13	8	20	7	18	8	16	7	20	7	13	8	27	47	21	21	
18	65	T190500874	MAHAJAN MANISH SURESH	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	
19	66	T190500902	PAGAR PIYUSH SAHEBRAO	15	7	15	8	16	7	16	7	15	8	15	8	19	19	20	20	
Total No Of Students				19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	
Total No Of Students Absent				1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	2	2
Total No Of Students Present				18	18	18	18	18	18	18	18	18	18	18	18	18	16	16	66	66
Total Marks				298	144	283	131	289	132	293	141	283	143	298	137	366	505	330	330	
Average Marks				16.6	8	15.7	7.2778	16.1	7.33	16.3	7.83	15.7	7.94	16.6	7.61	22.9	31.6	5	5	
% Class Average				82.8	80	78.6	72.778	80.3	73.3	81.4	78.3	78.6	79.4	82.8	76.1	76.3	45.1	20	20	





CO Weightage

CO	CLASS TEST 1	CLASS TEST 2	ASSIGNMENTS
CO1	20		10
CO2	20		10
CO3		20	10
CO4		20	10
CO5		20	10
CO6		20	10
TOTAL	40	80	60

Class Average IA (Internal Assessment)

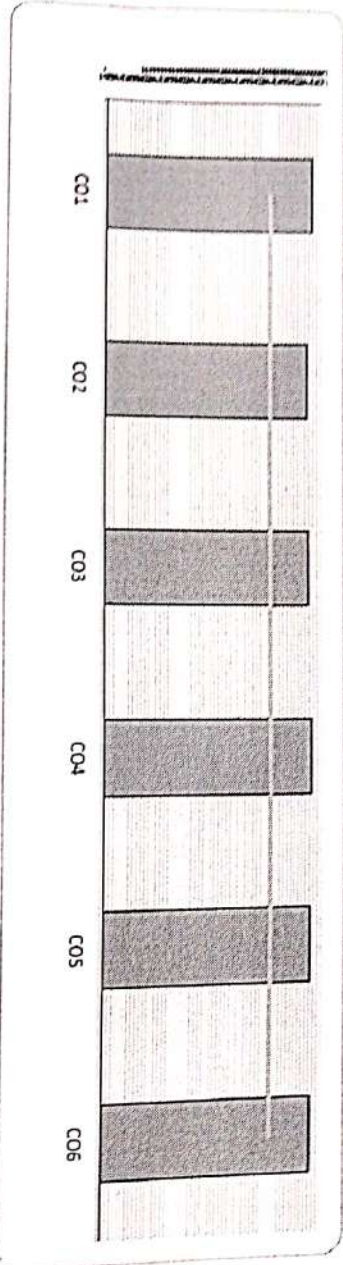
CO	CLASS TEST 1	CLASS TEST 2	ASSIGNMENTS	CLASS AVERAGE (Rounded in %)	IA
CO1	82.78		80.00	81	81
CO2	78.61		72.78	76	76
CO3		80.28	73.33	77	77
CO4		81.39	78.33	80	80
CO5		78.61	79.44	79	79
CO6		82.78	76.11	79	79

Calculation of CO Attainment= 20% IA+ 80 % EA

CO	IA CLASS AVERAGE (Rounded in %)	EA CLASS AVERAGE (Rounded in %)	Direct CO Attainment 0.20 IA +0.80 EA
CO1	81	47	54
CO2	76	47	53
CO3	77	47	53
CO4	80	47	54
CO5	79	47	53
CO6	79	47	54

CO Quality Compliance

CO	Target	CO Attainment Gap	ACTION PROPOSED TO BRIDGE GAP	Modification Of the target where Achieved
CO1	43	11	co achieved	
CO2	43	10	co achieved	
CO3	43	10	co achieved	
CO4	43	11	co achieved	
CO5	43	10	co achieved	
CO6	43	11	co achieved	



Sub Teacher

AMC

HOD

Head

Mechanical Engg. Department  
SND College Of Engg & RC, Yeola

Principal



Jagdamba Education Society's  
**SND COLLEGE OF ENGINEERING & RESEARCH CENTER, YEOLA**  
 Department of Mechanical Engineering  
 CO - Attainment Sheet

Course Details **2023-24 / SEM 1/ TE MECH / Design of Machine Elements (302043)** Faculty Name: **Prof. V.R. Thakare** Class **TE** Pattern **2019** Academic Year **2023-24**

Target	
Level 1 (42 % students above class Avg)	42
Level 2 (46 % students above class Avg)	46
Level 3 (50 % students above class Avg)	50

Internal Assement	30
External Assement	70

Sr No	Roll No	Exam Seat no	Name of Student	CO 1		CO 2		CO 3		CO 4		CO 5		CO 6		Inse m	END SEM	TW/OR /PR	
				Class Test 1	Assign ment 1	Class Test 2	Assign ment 2	Class Test3	Assign ment 3	Class Test 4	Assign ment 4	Class Test 5	Assign ment 5	Class Test 6	Assign ment 6				
Total Marks				20	10	20	10	20	10	20	10	20	10	20	10	20	30	70	25
1	1	TI90500804	ADHAV ANU NANDU	18	8	20	9	18	8	16	8	20	8	19	9	12	31	20	
2	2	TI90500806	AHER SHASHIKANT DHONDIRAM	16	8	18	9	16	9	19	8	15	9	16	8	12	29	23	
3	5	TI90500822	BHINGARE NILESH ANIL	17	9	18	8	16	9	17	9	17	9	17	8	12	30	17	
4	7	TI90500823	BHORKADE VAISHNAVI PRAVIN	19	8	16	8	17	8	18	8	16	8	19	8	18	36	24	
5	16	TI90500840	DONGARE VAIBHAV VEDU	18	9	18	8	18	8	18	8	19	8	18	9	3	AB	18	
6	17	TI90500882	GAIKWAD HRUSHIKESH VITTHAL	17	8	17	8	18	9	18	9	17	8	17	9	13	33	20	
7	22	TI90500997	INGLE PAVAN DIPAK	19	8	17	6	17	8	18	8	17	8	16	8	4	23	18	
8	25	TI90500862	JADHAV VINOD SHIVAJI	20	8	19	9	19	8	17	8	19	9	20	9	2	32	17	
9	35	TI90501017	LONDHE ONI RAJESH	19	8	16	9	16	9	18	9	16	9	19	8	1	39	20	
10	37	TI90500878	MAKONE SAHIL LAXMAN	19	9	18	9	19	9	16	9	18	9	17	9	9	25	32	
11	39	TI90500883	MORE AADINATH ASHOK	18	9	17	9	16	9	15	9	17	9	17	9	18	8	5	
12	40	TI90500886	MORE PRAVIN YASHWANT	16	9	17	9	17	9	18	7	19	9	16	9	6	34	18	
13	41	TI90500888	MORE SUJAL ASHOK	18	8	18	9	16	9	17	8	19	8	16	8	1	28	17	
14	53	TI90500918	SHAIKH AAVEJ ANSAR	19	8	18	9	19	8	18	8	18	8	15	9	2	19	16	
15	58	TI90500925	SHINDE GANESH RAMESH	16	8	16	8	17	9	16	9	12	8	16	8	AB	26	16	
16	62	TI90500939	UNDE ROHIT NIVRUTTI	17	8	19	9	17	9	19	7	12	8	17	9	AB	AB	AB	
17	63	TI90500945	WAGH JANARDHAN NANDU	19	8	19	7	18	8	16	9	19	9	18	8	12	43	22	
18	65	TI90500874	MAHAJAN MANISH SURESH	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	
19	66	TI90500902	PAGAR PIYUSH SAHEBRAO	18	9	15	8	18	7	16	9	19	8	15	8	AB	AB	18	
Total No Of Students				19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
Total No Of Students Absent				1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4
Total No Of Students Present				18	18	18	18	18	18	18	18	18	18	18	18	18	18	15	15
Total Marks				323	150	316	151	312	153	310	150	309	152	309	152	128	480	329	329
Average Marks				17.9	8.333	17.6	8.3889	17.3	8.5	17.2	8.33	17.2	8.44	17.2	8.44	8.53	32	4.98485	4.98485
% Class Average				89.7	83.33	87.8	83.889	86.7	85	86.1	83.3	85.8	84.4	85.8	84.4	28.4	45.7	19.9394	19.9394

**CO Weightage**

CO	CLASS TEST 1	CLASS TEST 2	ASSIGNMENTS
CO1	20		10
CO2	20		10
CO3		20	10
CO4		20	10
CO5		20	10
CO6		20	10
<b>TOTAL</b>	<b>40</b>	<b>80</b>	<b>60</b>

**Class Average IA (Internal Assesment)**

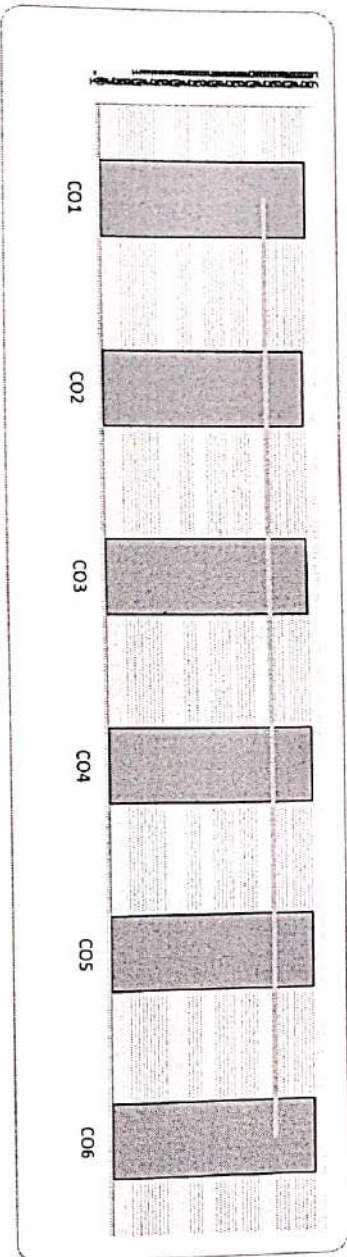
CO	CLASS TEST 1	CLASS TEST 2	ASSIGNMENTS	CLASS AVERAGE (Rounded In %)	IA
CO1	89.72			83.33	87
CO2	87.78			83.89	86
CO3		86.67		85.00	86
CO4		86.11		83.33	85
CO5		85.83		84.44	85
CO6		85.83		84.44	85

**Calculation of CO Attainment= 20% IA+ 80 % EA**

CO	IA CLASS AVERAGE (Rounded In %)	EA Class Average (Rounded In %)	Direct CO Attainment 0.20 IA+0.80 EA
CO1	87	31	42
CO2	86	31	42
CO3	86	31	42
CO4	85	31	42
CO5	85	31	42
CO6	85	31	42

**CO Quality Compliance**

CO	Target	CO Attainment Gap	ACTION PROPOSED TO BRIDGE GAP	Modification Of the target where Achieved
CO1	42	0	co achieved	
CO2	42	0	co achieved	
CO3	42	0	co achieved	
CO4	42	0	co achieved	
CO5	42	0	co achieved	
CO6	42	0	co achieved	



*[Signature]*  
Sub Teacher

*[Signature]*  
AMC

**HOD**  
**Head**  
**Mechanical Engg. Department**  
SND College Of Engg & RC, Yeola

*[Signature]*  
Principal



Jagdamba Education Society's  
**SND COLLEGE OF ENGINEERING & RESEARCH CENTER, YEOLA**  
 Department of Mechanical Engineering  
 CO - Attainment Sheet

Course Details: **2023-24 / SEM 1 / TE MECH / Mechatronics (302044)**  
 Faculty Name: **Prof. T.V. Gujrathi**      Class: **TE**      Pattern: **2019**      Academic Year: **2023-24**

Target	Internal Assement	External Assement
43	30	70
Level 1 (43 % students above class Avg)		
Level 2 (47 % students above class Avg)		
Level 3 (50 % students above class Avg)		

Sr No	Roll No	Exam Seat no	Name of Student	CO 1		CO 2		CO 3		CO 4		CO 5		CO 6		Inse m	END SEM	TW/OR /PR
				Class Test 1	Assign ment 1	Class Test 2	Assign ment 2	Class Test 3	Assign ment 3	Class Test 4	Assign ment 4	Class Test 5	Assign ment 5	Class Test 6	Assign ment 6			
			Total Marks	20	10	20	10	20	10	20	10	20	10	30	70	25		
1		T190500804	ADHAV ANUJ NANDU	15	8	20	7	13	8	20	8	15	8	25	38	20		
2		T190500806	AHER SHASHIKANT DHONDIRAM	16	8	15	7	16	7	15	8	15	7	16	8	24	28	20
3		T190500822	BHINGARE NILESH ANIL	17	9	12	8	16	7	17	9	12	7	17	8	18	28	18
4		T190500823	BHORKADE VAISHNAVI PRAVIN	19	8	16	8	17	8	18	8	16	8	19	8	22	49	21
5		T190500840	DONGARE VAIBHAV VEDU	18	8	15	8	18	6	16	8	15	8	18	8	18	5	18
6		T190500882	GAIKWAD HRUSHIKESH VITTHAL	17	8	17	8	16	9	15	8	17	8	17	7	27	40	20
7		T190500997	INGLE PAVAN DIPAK	16	8	17	6	15	8	16	8	16	8	16	8	22	19	20
8		T190500862	JADHAV VINOD SHIVAJI	20	8	19	7	19	8	17	8	19	6	20	7	24	14	19
9		T190501017	LONDHE OM RAJESH	17	7	16	7	16	7	18	7	16	9	17	8	24	31	21
10		T190500878	MAKONE SAHIL LAXMAN	17	9	15	7	15	8	16	9	15	9	17	7	28	39	21
11		T190500883	MORE AADINATH ASHOK	18	9	17	7	16	7	15	9	17	9	18	8	24	29	19
12		T190500886	MORE PRAVIN YASHWANT	16	7	14	7	16	7	16	7	14	9	16	7	24	41	19
13		T190500888	MORE SUJAL ASHOK	16	8	13	7	16	7	17	8	13	8	16	8	21	37	17
14		T190500918	SHAIKH AAVEJ ANSAR	15	8	18	7	15	8	18	8	18	8	15	7	21	31	18
15		T190500925	SHINDE GANESH RAMESH	16	8	12	8	15	6	16	7	12	8	16	8	19	29	18
16		T190500939	UNDE ROHIT NIVRUTTI	17	8	12	7	17	6	15	7	12	8	17	7	AB	AB	AB
17		T190500945	WAGH JANARDHAN NANDU	13	8	20	7	18	8	16	7	20	7	13	8	27	47	21
18		T190500874	MAHAJAN MANISH SURESH	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
19		T190500902	PAGAR PIYUSH SAHEBRAO	15	7	15	8	16	7	16	7	15	8	15	7	AB	AB	20
			Total No Of Students	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
			Total No Of Students Absent	1	1	1	1	1	1	1	1	1	1	1	1	3	3	2
			Total No Of Students Present	18	18	18	18	18	18	18	18	18	18	18	18	16	16	66
			Total Marks	298	144	283	131	289	132	293	141	283	143	298	137	366	505	330
			Average Marks	16.6	8	15.7	7.2778	16.1	7.33	16.3	7.83	15.7	7.94	16.6	7.61	22.9	31.6	5
			% Class Average	82.8	80	78.6	72.778	80.3	73.3	81.4	78.3	78.6	79.4	82.8	76.1	76.3	45.1	20



**CO Weightage**

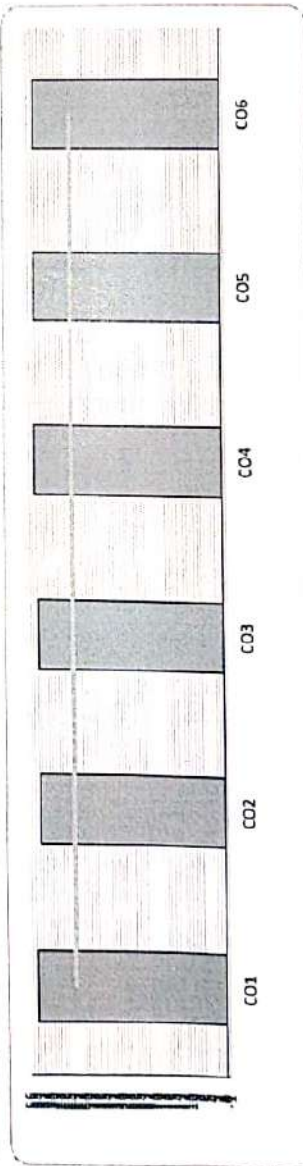
CO	CLASS TEST 1	CLASS TEST 2	ASSIGNMENTS
CO1	20		10
CO2	20		10
CO3		20	10
CO4		20	10
CO5		20	10
CO6		20	10
<b>TOTAL</b>	<b>40</b>	<b>80</b>	<b>60</b>

**Class Average IA (Internal Assessment)**

CO	CLASS TEST 1	CLASS TEST 2	ASSIGNMENTS	IA CLASS AVERAGE (Rounded in %)
CO1	82.78		80.00	81
CO2	78.61		72.78	76
CO3		80.28	73.33	77
CO4		81.39	78.33	80
CO5		78.61	79.44	79
CO6		82.78	76.11	79

**Calculation of CO Attainment= 20% IA+ 80 % EA**

CO	IA CLASS AVERAGE (Rounded in %)	EA Class Average (Rounded in %)	Direct CO Attainment 0.20 IA + 0.80 EA
CO1	81	47	54
CO2	76	47	53
CO3	77	47	53
CO4	80	47	54
CO5	79	47	53
CO6	79	47	54



**CO Quality Compliance**

CO	Target	CO Attainment Gap	ACTION PROPOSED TO BRIDGE GAP	Modification Of the Target where Achieved
CO1	43	11	co achieved	
CO2	43	10	co achieved	
CO3	43	10	co achieved	
CO4	43	11	co achieved	
CO5	43	10	co achieved	
CO6	43	11	co achieved	

*[Signature]*  
Sub Teacher

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AMC

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HOD

*[Signature]*  
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**Head**  
**Mechanical Engg. Department**  
SND College Of Engg & RC, Yeola



Jagdamba Education Society's  
**SND COLLEGE OF ENGINEERING & RESEARCH CENTER, YEOLA**  
 Department of Mechanical Engineering  
 CO - Attainment Sheet

Course Details: 2023-24 / SEM 1 / TE MECH / Design of Machine Elements (302043) Academic Year 2023-24  
 Faculty Name: Prof. V.R. Thakare Class TE Pattern 2019

Target	Internal Assessment	External Assessment
Level 1 (42 % students above class Avg)	42	30
Level 2 (46 % students above class Avg)	46	70
Level 3 (50 % students above class Avg)	50	

Sr No	Roll No	Exam Seat no	Name of Student	CO 1		CO 2		CO 3		CO 4		CO 5		CO 6		Inse m	END SEM	TW/OR /PR
				Class Test 1	Assignment 1	Class Test 2	Assignment 2	Class Test 3	Assignment 3	Class Test 4	Assignment 4	Class Test 5	Assignment 5	Class Test 6	Assignment 6			
			<b>Total Marks</b>	20	10	20	10	20	10	20	10	20	10	20	10	30	70	25
1	1	TI90500804	ADHAV ANUJ NANDU	18	8	20	9	18	8	20	8	19	9	12	9	12	31	20
2	2	TI90500806	AHER SHASHIKANT DHONDIRAM	16	8	18	9	16	9	19	8	15	9	16	8	12	29	23
3	5	TI90500822	BHINGARE NILESH ANIL	17	9	18	8	16	9	17	9	17	9	17	8	12	30	17
4	7	TI90500823	BHORKADE VAISHNAVI PRAVIN	19	8	16	8	17	8	18	8	16	8	19	8	18	36	24
5	16	TI90500840	DONGARE VAIBHAV VEDU	18	9	18	8	18	8	18	8	19	8	18	9	3	AB	18
6	17	TI90500882	GAIKWAD HRUSHIKESH VITTHAL	17	8	17	8	18	9	18	9	17	8	17	9	13	33	20
7	22	TI90500997	INGLE PAVAN DIPAK	19	8	17	6	17	8	18	8	17	8	16	8	4	23	18
8	25	TI90500862	JADHAV VINOD SHIVAJI	20	8	19	9	19	8	17	8	19	9	20	9	2	32	17
9	35	TI90501017	LONDHE OM RAJESH	19	8	16	9	16	9	18	9	16	9	19	8	1	39	20
10	37	TI90500878	MAKONE SAHIL LAXMAN	19	9	18	9	19	9	16	9	18	9	17	9	25	32	24
11	39	TI90500883	MORE AADINATH ASHOK	18	9	17	9	16	9	15	9	17	9	18	8	5	45	21
12	40	TI90500886	MORE PRAVIN YASHWANT	16	9	17	9	17	9	17	7	19	9	16	9	6	34	18
13	41	TI90500888	MORE SUJAL ASHOK	18	8	18	9	16	9	17	8	19	8	16	8	1	28	17
14	53	TI90500918	SHAIKH AAVEJ ANSAR	19	8	18	9	19	8	18	8	18	8	15	9	2	19	16
15	58	TI90500925	SHINDE GANESH RAMESH	16	8	16	8	17	9	16	9	12	8	16	8	AB	26	16
16	62	TI90500939	UNDE ROHIT NIVRUTTI	17	8	19	9	17	9	17	7	12	8	17	9	AB	AB	AB
17	63	TI90500945	WAGH JANARDHAN NANDU	19	8	19	7	18	8	16	9	19	9	18	8	12	43	22
18	65	TI90500874	MAHAJAN MANISH SURESH	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
19	66	TI90500902	PAGAR PIYUSH SAHEBRAO	18	9	15	8	18	7	16	9	19	8	15	8	AB	AB	18
			<b>Total No Of Students</b>	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
			<b>Total No Of Students Absent</b>	1	1	1	1	1	1	1	1	1	1	1	1	4	4	2
			<b>Total No Of Students Present</b>	18	18	18	18	18	18	18	18	18	18	18	18	15	15	66
			<b>Total Marks</b>	323	150	316	151	312	153	310	150	309	152	309	152	128	480	329
			<b>Average Marks</b>	17.9	8.333	17.6	8.3889	17.3	8.5	17.2	8.33	17.2	8.44	17.2	8.44	8.53	32	4.98485
			<b>% Class Average</b>	89.7	83.33	87.8	83.889	86.7	85	86.1	83.3	85.8	84.4	85.8	84.4	28.4	45.7	19.9394



**Class Average IA (Internal Assessment)**

CO	CLASS TEST 1	CLASS TEST 2	ASSIGNMENTS	IA CLASS AVERAGE (Rounded in %)
CO1	89.72		83.33	87
CO2	87.78		83.89	86
CO3		86.67	85.00	86
CO4		86.11	83.33	85
CO5		85.83	84.44	85
CO6		85.83	84.44	85

**CO Weightage**

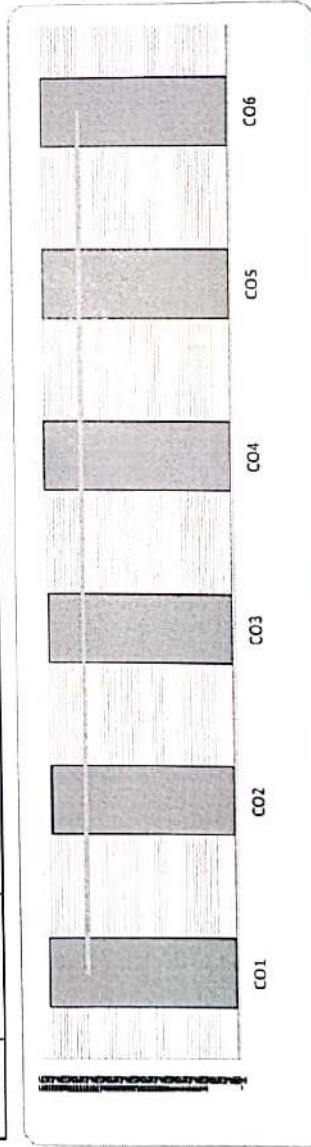
CO	CLASS TEST 1	CLASS TEST 2	ASSIGNMENTS
CO1	20		10
CO2	20		10
CO3		20	10
CO4		20	10
CO5		20	10
CO6		20	10
<b>TOTAL</b>	<b>40</b>	<b>80</b>	<b>60</b>

**CO Quality Compliance**

CO	Target	CO Attainment Gap	ACTION PROPOSED TO BRIDGE GAP	Modification Of the target where Achieved
CO1	42	0	co achieved	
CO2	42	0	co achieved	
CO3	42	0	co achieved	
CO4	42	0	co achieved	
CO5	42	0	co achieved	
CO6	42	0	co achieved	

**Calculation of CO Attainment= 20% IA+ 80 % EA**

CO	IA CLASS AVERAGE (Rounded in %)	EA Class Average (Rounded in %)	Direct CO Attainment 0.20 IA + 0.80 EA
CO1	87	31	42
CO2	85	31	42
CO3	85	31	42
CO4	85	31	42
CO5	85	31	42
CO6	85	31	42



*[Signature]*  
Sub Teacher

*[Signature]*  
AMC

*[Signature]*  
HOD

*[Signature]*  
Principal

**Mechanical Engg. Department**  
SND College Of Engg & RC, Yeola