

# Course Attainment Worksheet

<b>Course Title:</b>	<b>Cryptography and Network Security</b>
<b>Course Code:</b>	<b>BTCOE704A</b>
<b>Attainment Year:</b>	<b>2022 -2023</b>

Department:	Computer Science and Engineering					
Program:	B.Tech					
Class	Final Year					
Semester:	VII					
Syllabus Revision:	<b>2022 - 2023</b>					
Course Type:	CORE					
Course Structure:	Theory			Practical		
	Lectures	Tutorials	Credits	Lectures	Laboratory	Credits
	<b>3</b>	-	<b>3</b>	-	-	-

## Course Evaluation Scheme:

Continuous Internal Evaluation	Semester End Evaluation	Total
<b>40 Marks</b>	<b>60 Marks</b>	<b>100 Marks</b>

### Continuous Internal Evaluation

MSE	ISE		ISE	CIE (Project)	CIE (Practical )	Total
<b>20</b>	<b>20</b>		-	-	-	<b>40</b>

## CO Attainment Rule:

Rule	Limits	Description
Threshold	50%	Minimum Percentage of marks to be considered
Target	60%	Minimum Percentage of students scoring above
Target	50% to 60%	Percentage of students scoring above threshold to
Target	40% to 50%	Percentage of students scoring above threshold to
Target	less than 40%	Percentage of students scoring above threshold to

## PO attainment Rule

$$PO \text{ attainment} = \frac{CO\text{-Attainment} * CO\text{-}PO \text{ Mapping}}{\text{Maximum Mapping Level}}$$

$$\text{Average PO Attainment} = \frac{\sum_{i=1}^N PO_{coi}}{N} \quad PO_{coi} : PO \text{ attainment due to } i^{th} CO$$

N: total number of COs mapping to the PO

<b>BTCOE704A</b>	<b>Cryptography and Network Security</b>	<b>Year: 2022 - 2023</b>
<b>CO Attainment</b>		

<b>CO →</b>	BTCOE704A.1	BTCOE704A.2	BTCOE704A.3	BTCOE704A.4	BTCOE704A.5	
<b>Assessment Methods</b>						

<b>Direct Attainment (90%)</b>
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Continuos Insemester Evaluation (40%)						
Theory CIE	3	3	3	3		
Tutorial	-	-	-	-		
Practical CIE	-	-	-	-		
Average Insemester Attainment	3	3	3	3		
A : Weighted Insemester Attainment	1.2	1.2	1.2	1.2		

Semester End Evaluation (60%)						
Theory SEE	3	3	3	3		
Practical SEE	-	-	-	-		
Average Semester End Attainment	3	3	3	3		
B: Weighted Semester End Attainment	1.8	1.8	1.8	1.8		

C: Total Direct Attainment(A+B)	3	3	3	3		
D: Weighted Direct Attainment	2.7	2.7	2.7	2.7		

<b>Indirect Assessment (10%)</b>
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Course Exit Survey	3	3	3	3		
Total Indirect Attainment	3	3	3	3		
E: Weighted Indirect Attainment	0.3	0.3	0.3	0.3		

Final Attainment (D+E)	3	3	3	3		
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Threshold	2	2	2	2		
Attained?	Yes	No	Yes	Yes		

**Cryptography and Network Security  
BTCOE704A**

Roll No.	PRN No.	Name of Student	Cryptogrphy and Network Security BTCOE704A										
			ETE	CO1	CO1 Attainment	CO2	CO2 Attainment	CO3	CO3 Attainment	CO4	CO4 Attainment	CO5	CO5 Attainment
MARKS			60	12		12		12		12		12	
1	1963151242021	SHETAKE SHUBHANGI SURESH	35	7	3	7	3	7	3	7	3	7	3
2	2063151242011	KALYANI SANJAY HULLE	39	8	3	7	3	8	3	8	3	8	3
3	1963151242012	SNEHAL SANJAY MANKAR	24	5	2	5	2	4	2	5	2	5	2
4	2063151242023	SHINDE SHIVANI SHASHIKANT	43	9	3	9	3	8	3	8	3	9	3
5	1963151242030	KORAVI PRIYANKA RAMCHANDRA	34	7	3	7	3	7	3	6	3	7	3
6	1963151242029	RUTUJA RAVSO CHOUGULE	29	6	3	6	3	6	3	5	2	6	3
7	2063151242043	RUKADE PRIYANKA UDAY	24	5	2	5	2	5	2	4	2	5	2
8	1963151242054	NAYKAWADI KASHMIRA MIRASO	24	5	2	5	2	5	2	4	2	5	2
9	2063151242003	KAMBLE SHWETA SHAHAJI	33	7	3	6	3	6	3	7	3	7	3
10	2063151242015	MUJAWAR ASIM RIJWAN	27	6	3	6	3	5	2	5	2	5	2
11	2063151242019	KAMBLE NIKHIL RAJKUMAR	28	6	3	6	3	5	2	5	2	6	3
12	2063151242039	ROHIT SANJAY LOHAR	35	7	3	7	3	7	3	7	3	7	3
13	2063151242008	PATIL ADESH VIJAYKUMAR	26	6	3	5	2	5	2	5	2	5	2
14	2063151242025	PHALLE MAYURESH MOHAN	23	5	2	5	2	5	2	4	2	4	2
15	1963151242010	SHETE RAVINDRA AMAR	20	4	2	4	2	4	2	4	2	4	2
16	1963151242015	MARWADI OMKAR BALASO	29	6	3	5	2	6	3	6	3	6	3
17	1963151242009	SAWANT OMKAR SURYAKANT	24	5	2	4	2	5	2	5	2	5	2
18	1963151242019	DEVADKAR SOURABH SHASHIKANT	28	6	3	5	2	6	3	6	3	5	2
19	1963151242018	MALI PRADHUMN HARIKISHOR	28	6	3	6	3	5	2	5	2	6	3
20	2063151242037	PATIL HARSHADA JAYSING	30	6	3	6	3	6	3	6	3	6	3
21	2063151242042	DALAVE MITALI KRUSHNATH	37	8	3	8	3	7	3	7	3	7	3
22	2063151242026	GAIKWAD AARTI SUNIL	40	8	3	8	3	8	3	8	3	8	3
23	2063151242031	SURYAWANSHI SNEHA MOHAN	34	7	3	7	3	7	3	6	3	7	3
24	2063151242027	BHASKAR VIVEK PANDIT	21	6	3	4	2	3	3	4	2	4	2
25	2063151242029	BHORE AKSHAYKUMAR KAKASO	22	5	2	6	3	4	2	5	2	2	1
26	2063151242038	SUPRIYA VIJAY SUTAR	37	8	3	8	3	7	3	7	3	7	3
27	2063151242030	VAIBHAVI AMBAJI DHANGAR	38	8	3	8	3	7	3	7	3	8	3
28	1963151242011	KUMBHAR NIKITA TANAJI	22	5	2	5	2	4	2	4	2	4	2
29	1963151242020	SHINDE PRATIK VIDYADHAR	22	5	2	4	2	5	2	4	2	4	2
30	1963151242028	RAJMANE SHIVAM SANTOSH	36	7	3	8	3	7	3	7	3	7	3

31	2063151242032	SUYOG SANJAY KHUTALE	34	7	3	7	3	7	3	6	3	7	3
32	2063151242035	PATIL VIRAJ DINKAR	25	5	2	5	2	5	2	5	2	5	2
33	2063151242005	RAYKAR SHUBHAM GIRIDHAR	26	6	3	5	2	5	2	5	2	5	2
34	1963151242057	PATIL AISHWARYA SHANKAR	30	6	3	6	3	6	3	6	3	6	3
35	1963151242064	MOMIN MUSKAN JAVED	31	7	3	6	3	6	3	6	3	6	3
36	1963151242063	BHOI AMRUTA RAJENDRA	39	8	3	8	3	8	3	7	3	8	3
37	2063151242007	NISHA BHAGWAN SHINDE	31	7	3	7	3	6	3	6	3	5	2
38	1963151242060	VALAKE ANUJA RAJESH	26	6	3	5	2	5	2	5	2	5	2
39	1963151242031	VALAKE SONAL BHIMRAO	26	5	2	6	3	5	2	5	2	5	2
40	1963151242016	KHADAKE RUTUJA SUNIL	25	5	2	5	2	5	2	5	2	5	2
41	1963151242056	MULLANI ALFIZA ANWERHUSEN	42	9	3	9	3	8	3	8	3	8	3
42	1963151242014	MALI NISHA NANDKUMAR	21	5	2	4	2	4	2	4	2	4	2
43	2063151242021	LAD ANIKET MARUTI	26	6	3	5	2	5	2	5	2	5	2
44	2063151242020	SALVI NIKHIL SAMBHAJI	41	9	3	8	3	8	3	8	3	8	3
45	1963151242024	LAD PRASHANT SANJAY	23	7	3	4	2	5	2	4	2	3	1
46	1963151242017	CHAVAN ANIKET MARUTI	28	6	3	6	3	5	2	6	3	5	2
47	2063151242018	HARDHAR PAWAN SANJAY	23	5	2	5	2	4	2	4	2	5	2
48	2063151242010	DAVANG VAIBHAV SADASHIV	27	6	3	6	3	5	2	5	2	5	2
49	2063151242012	JADHAV SIDDHANT SAGARKUMAR	30	6	3	6	3	6	3	6	3	6	3
50	2063151242009	GURJAR SURAJ CHHOTELAL	26	5	2	6	3	5	2	5	2	5	2
51	1963151242026	PATIL PRATIK SANTOSH	26	6	3	5	2	5	2	5	2	5	2
52	2063151242040	SADARE AKHILESH ANIL	31	7	3	6	3	6	3	6	3	6	3
53	2063151242022	DALAVI ASHUTOSH SANJAY	26	5	2	6	3	5	2	5	2	5	2
54	2063151242017	MAGDUM GANESH SANJAY	20	4	2	4	2	4	2	4	2	4	2
55	1963151242052	PAWAR SHUBHAM ANANDA	28	6	3	6	3	5	2	6	3	5	2
56	2063151242028	SHINDE ROHIT YUVRAJ	27	6	3	6	3	5	2	5	2	5	2
57	2063151242045	SHUBHAM SIDDHAPPA KAMBLE	23	5	2	5	2	4	2	4	2	5	2
58	2063151242024	DUDHANE RUSHIKESH SHRIDHAR	25	5	2	5	2	5	2	5	2	5	2
59	2063151242034	PRANITA PRAKASH PATIL	24	5	2	5	2	5	2	5	2	4	2
60	2063151242004	PATIL RUTUJA VYANKATRAO	32	7	3	7	3	6	3	6	3	6	3
61	2063151242016	PATIL KULDEEP DHONDIRAM	25	5	2	5	2	5	2	5	2	5	2
62	1963151242053	PATIL ANUJA ANANDRAO	31	6	3	7	3	6	3	6	3	6	3
63	1963151242013	PATIL HRITHIVIK MARUTI	27	6	3	6	3	5	3	5	2	5	2
64	2063151242014	SUSHANT SHANTANU MORE	26	5	2	6	3	5	2	5	2	5	2
65	1963151242022	THORBOLE OMKAR SANJAY	33	7	3	7	3	6	3	6	3	7	3
66	1963151242023	PATIL GAURAV GORAKH	26	5	2	6	3	5	2	5	2	5	2
67	2063151242041	FIRFIRE SIKANDAR AHMED	39	8	3	8	3	8	3	7	3	8	3
<b>Total CO</b>				413	178	401	175	377	165	372	164	378	161
<b>Avarage CO</b>				6.16	2.66	5.99	2.61	5.63	2.46	5.55	2.45	5.64	2.40
<b>Percentage of CO</b>				0.51		0.50		0.47		0.46		0.47	
<b>Attainment of CO</b>				3		3		2		2		2	
<b>Attainment of CO</b>							2.61		2.46		2.45		2.40

## CO\_PO\_CIE

Roll No.	PRN No.	Name of Student	Cryptography and Network Security BTCOE704A						
			CA1	CO1	MTE	CO2	CO3	CA2	CO4
			MARKS	10	20	10	10	10	
1	1963151242021	SHETAKE SHUBHANGI SURESH	10	3	20	3	3	10	3
2	2063151242011	KALYANI SANJAY HULLE	9	3	18	3	3	10	3
3	1963151242012	SNEHAL SANJAY MANKAR	10	3	20	3	3	10	3
4	2063151242023	SHINDE SHIVANI SHASHIKANT	10	3	18	3	3	10	3
5	1963151242030	KORAVI PRIYANKA RAMCHANDRA	10	3	18	3	3	9	3
6	1963151242029	RUTUJA RAVSO CHOUGULE	8	3	18	3	3	8	3
7	2063151242043	RUKADE PRIYANKA UDAY	8	3	16	3	3	9	3
8	1963151242054	NAYKAWADI KASHMIRA MIRASO	8	3	18	3	3	8	3
9	2063151242003	KAMBLE SHWETA SHAHAJI	8	3	16	3	3	8	3
10	2063151242015	MUJAWAR ASIM RIJWAN	8	3	16	3	3	9	3
11	2063151242019	KAMBLE NIKHIL RAJKUMAR	10	3	18	3	3	9	3
12	2063151242039	ROHIT SANJAY LOHAR	10	3	18	3	3	9	3
13	2063151242008	PATIL ADESH VIJAYKUMAR	10	3	18	3	3	10	3
14	2063151242025	PHALLE MAYURESH MOHAN	8	3	15	3	3	8	3
15	1963151242010	SHE'ETE RAVINDRA AMAR	10	3	20	3	3	10	3
16	1963151242015	MARWADI OMKAR BALASO	10	3	17	3	3	10	3
17	1963151242009	SAWANT OMKAR SURYAKANT	10	3	16	3	3	10	3
18	1963151242019	DEVADKAR SOURABH SHASHIKANT	10	3	20	3	3	10	3
19	1963151242018	MALI PRADHUMN HARIKISHOR	8	3	16	3	3	8	3
20	2063151242037	PATIL HARSHADA JAYSING	10	3	18	3	3	10	3
21	2063151242042	DALAVE MITALI KRUSHNATH	8	3	15	3	3	8	3
22	2063151242026	GAIKWAD AARTI SUNIL	10	3	17	3	3	10	3
23	2063151242031	SURYAWANSHI SNEHA MOHAN	8	3	16	3	3	10	3
24	2063151242027	BHASKAR VIVEK PANDIT	10	3	17	3	3	9	3
25	2063151242029	BHORE AKSHAYKUMAR KAKASO	9	3	17	3	3	9	3
26	2063151242038	SUPRIYA VIJAY SUTAR	8	3	15	3	3	8	3
27	2063151242030	VAIBHAVI AMBAJI DHANGAR	8	3	16	3	3	9	3
28	1963151242011	KUMBHAR NIKITA TANAJI	9	3	17	3	3	9	3
29	1963151242020	SHINDE PRATIK VIDYADHAR	9	3	17	3	3	9	3
30	1963151242028	RAJMANE SHIVAM SANTOSH	10	3	17	3	3	9	3
31	2063151242032	SUYOG SANJAY KHUTALE	10	3	18	3	3	10	3

CO\_PO\_CIE

32	2063151242035	PATIL VIRAJ DINKAR	10	3	18	3	3	10	3
33	2063151242005	RAYKAR SHUBHAM GIRIDHAR	8	3	16	3	3	9	3
34	1963151242057	PATIL AISHWARYA SHANKAR	10	3	18	3	3	10	3
35	1963151242064	MOMIN MUSKAN JAVED	9	3	16	3	3	9	3
36	1963151242063	BHOI AMRUTA RAJENDRA	8	3	17	3	3	8	3
37	2063151242007	NISHA BHAGWAN SHINDE	8	3	16	3	3	8	3
38	1963151242060	VALAKE ANUJA RAJESH	8	3	16	3	3	8	3
39	1963151242031	VALAKE SONAL BHIMRAO	8	3	16	3	3	8	3
40	1963151242016	KHADAKE RUTUJA SUNIL	9	3	16	3	3	9	3
41	1963151242056	MULLANI ALFIZA ANWERHUSEN	9	3	16	3	3	9	3
42	1963151242014	MALI NISHA NANDKUMAR	9	3	17	3	3	9	3
43	2063151242021	LAD ANIKET MARUTI	8	3	18	3	3	9	3
44	2063151242020	SALVI NIKHIL SAMBHAJI	8	3	18	3	3	9	3
45	1963151242024	LAD PRASHANT SANJAY	8	3	15	3	3	8	3
46	1963151242017	CHAVAN ANIKET MARUTI	8	3	15	3	3	8	3
47	2063151242018	HARDHAR PAWAN SANJAY	8	3	15	3	3	8	3
48	2063151242010	DAVANG VAIBHAV SADASHIV	8	3	15	3	3	8	3
49	2063151242012	JADHAV SIDDHANT SAGARKUMAR	8	3	16	3	3	8	3
50	2063151242009	GURJAR SURAJ CHHOTELAL	8	3	15	3	3	8	3
51	1963151242026	PATIL PRATIK SANTOSH	9	3	15	3	3	8	3
52	2063151242040	SADARE AKHILESH ANIL	8	3	15	3	3	8	3
53	2063151242022	DALAVI ASHUTOSH SANJAY	8	3	16	3	3	8	3
54	2063151242017	MAGDUM GANESH SANJAY	8	3	15	3	3	8	3
55	1963151242052	PAWAR SHUBHAM ANANDA	8	3	15	3	3	8	3
56	2063151242028	SHINDE ROHIT YUVRAJ	8	3	16	3	3	8	3
57	2063151242045	SHUBHAM SIDDHAPPA KAMBLE	8	3	15	3	3	8	3
58	2063151242024	DUDHANE RUSHIKESH SHRIDHAR	8	3	15	3	3	8	3
59	2063151242034	PRANITA PRAKASH PATIL	8	3	15	3	3	8	3
60	2063151242004	PATIL RUTUJA VYANKATRAO	9	3	17	3	3	10	3
61	2063151242016	PATIL KULDEEP DHONDIRAM	8	3	15	3	3	8	3
62	1963151242053	PATIL ANUJA ANANDRAO	8	3	15	3	3	9	3
63	1963151242013	PATIL HRITHIVIK MARUTI	8	3	16	3	3	8	3
64	2063151242014	SUSHANT SHANTANU MORE	9	3	19	3	3	10	3
65	1963151242022	THORBOLE OMKAR SANJAY	8	3	15	3	3	8	3
66	1963151242023	PATIL GAURAV GORAKH	8	3	15	3	3	8	3
67	2063151242041	FIRFIRE SIKANDAR AHMED	8	3	15	3	3	8	3
<b>Total CO</b>			583	201	1109	201	201	589	201
<b>Avarage CO</b>			8.70	3.00	16.55	3.00	3.00	8.79	3.00
<b>Percentage of CO</b>			0.87		0.83			0.88	
<b>Attainment of CO</b>			3		3			3	

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 SANJEEV  
 NATVAR JAIN  
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 SANJEEV NATVAR  
 JAIN  
 SANJEEVAN  
 ENGINEERING &

CIE (Weightage - 40%)					ESE (Weightage - 60%)				
CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5
3	3	3	3	-	3	3	2	2	2

Course	Assessment Method with weightage	Method	Attainment		
			Level 1 (Average)	Level 2 (Good)	Level 3 (Excellent)
Theory Course Outcome	Internal tests (40%)	Direct	60% students scoring more than 60% marks out of the maximum marks	70% students scoring more than 60% marks out of the maximum marks	80% students scoring more than 60% marks out of the maximum marks
	University Average Mark (60%)	Direct	40% students scoring more than 40% of University Max marks	45% students scoring more than 40% of University Max marks	50% students scoring more than 40% of University Max marks

MEASURING CO ATTAINMENT THROUGH INTERNAL ASSESSMENTS		
INTERNAL TEST		
Attainment	:	59 out of 67 students got more than 32 marks. So, 88% of students got marks more than target marks.
Attainment level	:	3
MEASURING COURSE OUTCOMES ATTAINED THROUGH UNIVERSITY EXAMINATIONS (DIRECT METHOD)		
Attainment	:	33 out of 67 students got more than 20 (35% of University Max Marks 60) marks. So, 51% of students got marks more than target marks
Attainment level	:	3

Total Attainment of Cryptography and Network Security Theory Course

Assessment Tool with Method weightage	Level of attainment	3	2	1	0
Internal Exam (40%)	Direct	3			
University Exam (60%)	Direct	3			

Course Attainment =  $0.4 \times 3 + 0.6 \times 3 = 3$ . Since the attained level (3) is greater than the target level (2.0), all specified outcomes are achieved.

Course-PO Attainment for Cryptography and Network Security:

Final PO attainment value =  $\frac{CO-PO \text{ Mapping Average} \times \text{Course Attainment Value}}{3}$

	CO1	
Internal COAvg	3	Signature Not Verified Digitally Signed By SANJEEV NATVAR SANJEEV NATVAR SANJEEVAN ENGINEERING &
External COAvg	2.52	
COAvg	2.71	

**CO\_PO Mapping For Cryptography and Network Security**

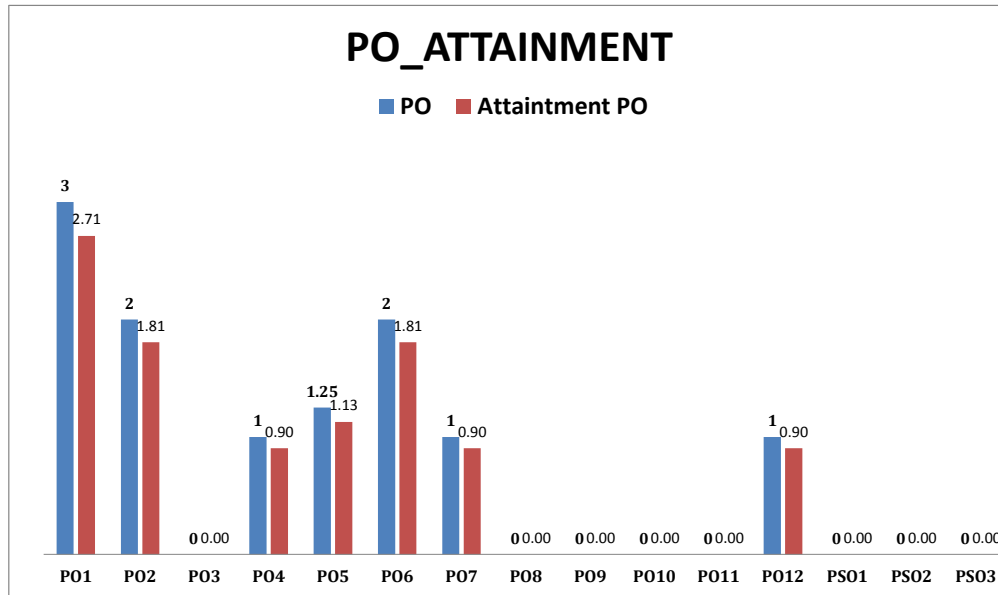
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PS01	PS02	PS03
BTCOE704A.1	3	2	-	1	2	2	-	-	-	-	-	1	-	-	-
BTCOE704A.2	3	2	-	1	1	2	-	-	-	-	-	1	-	-	-
BTCOE704A.3	3	2	-	-	-	-	-	-	-	-	-	1	-	-	-
BTCOE704A.4	3	-	-	-	1	-	1	-	-	-	-	1	-	-	-
BTCOE704A.5	3	2	-	1	1	2	1	-	-	-	-	1	-	-	-
Avg.	3	2	-	1	1.25	2	1	-	-	-	-	1	-	-	-

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PS01	PS02	PS03
CO Avg.	3	2	-	1	1.25	2	1	-	-	-	-	1	-	-	-

**Final COURSE Attainment WITH PO'S**

Final Course PO attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PS01	PS02	PS03
PO	3	2	-	1	1.25	2	1	-	-	-	-	1	-	-	-
Attainment PO	2.71	1.81	-	0.90	1.13	1.81	0.90	-	-	-	-	0.90	-	-	-



Signature Not Verified  
 SANJEEV  
 NATVAR JAIN  
 Digitally Signed By  
 SANJEEV NATVAR  
 JAIN  
 C-SANJEEVAN  
 ENGINEERING &



# Course Attainment Worksheet

<b>Course Title:</b>	<b>Data Structures Lab &amp; Object Oriented Programming Lab</b>
<b>Course Code:</b>	<b>BTCOL306</b>
<b>Attainment Year:</b>	<b>2022 -2023</b>

Department:	Computer Science and Engineering					
Program:	B.Tech					
Class	Second Year					
Semester:	IV					
Syllabus Revision:	2022 - 2023					
Course Type:	core					
Course Structure:	Theory			Practical		
	Lectures	Tutorials	Credits	Lectures	Laboratory	Credits
	-	-	-	-	4	2

## Course Evaluation Scheme:

Continuous Internal Evaluation	Semester End Evaluation	Total
40 Marks	60 Marks	100 Marks

### Continuous Internal Evaluation

MSE	ISE		ISE	CIE (Project)	CIE (Practical )	Total
-	-		-	-	60	40
					60	40
						100

## CO Attainment Rule:

Rule	Limits	Description
Threshold	50%	Minimum Percentage of marks to be considered for
Target	60%	Minimum Percentage of students scoring above
Target	50% to 60%	Percentage of students scoring above threshold to be
Target	40% to 50%	Percentage of students scoring above threshold to be
Target	less than 40%	Percentage of students scoring above threshold to be

## PO attainment Rule

$$PO \text{ attainment} = \frac{CO\text{-Attainment} * CO\text{-PO Mapping}}{Maximum \text{ Mapping Level}}$$

$$Average \text{ PO Attainment} = \frac{\sum_{i=1}^N PO_{coi}}{N}$$

$PO_{coi}$ : PO attainment due to  $i^{th}$  CO

N: total number of COs mapping to the PO

<b>BTCOL306</b>	<b>Data Structures Lab &amp; Object Oriented Programming Lab</b>	<b>Year: 2022 - 2023</b>
<b>CO Attainment</b>		

<b>CO →</b>	<b>BTCOL306.1</b>	<b>BTCOL306.2</b>	<b>BTCOL306.3</b>	<b>BTCOL306.4</b>	<b>BTCOL306.5</b>	<b>BTCOL306.6</b>
<b>Assessment Methods</b>						

<b>Direct Attainment (90%)</b>
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<b>Continuos Insemester Evaluation (40%)</b>
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<b>Theory CIE</b>	3	3	3	3		
<b>Tutorial</b>	-	-	-	-		
<b>Practical CIE</b>	-	-	-	-		
<b>Average Insemester Attainment</b>	3	3	3	3		
<b>A : Weighted Insemester</b>	1.2	1.2	1.2	1.2		

<b>Semester End Evaluation (60%)</b>
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<b>Theory SEE</b>	3	3	3	3		
<b>Practical SEE</b>	-	-	-	-		
<b>Average Semester End</b>	3	3	3	3		
<b>B: Weighted Semester End</b>	1.8	1.8	1.8	1.8		

<b>C: Total Direct Attainment(A+B)</b>	3	3	3	3		
<b>D: Weighted Direct Attainment</b>	2.7	2.7	2.7	2.7		

<b>Indirect Assessment (10%)</b>
----------------------------------

<b>Course Exit Survey</b>	3	3	3	3		
<b>Total Indirect Attainment</b>	3	3	3	3		
<b>E: Weighted Indirect Attainment</b>	0.3	0.3	0.3	0.3		

<b>Final Attainment (D+E)</b>	3	3	3	3		
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<b>Threshold</b>	2	2	2	2		
<b>Attained?</b>	Yes	No	Yes	Yes		

RESULT\_SUBJECTWISE\_SY\_Lab

Roll No.	PRN No.	Name of Student	DS & OOP Lab			CO Attinment
			CA	ETE	Total	
			MARKS	60	40	
1	2163151242064	ACHAREKAR GHANSHAM A.	52	32	84	3
2	2163151242027	BADAVE ATHARV S.	52	34	86	3
3	2163151242055	BAGWAN MARIYA AKBAR	48	33	81	3
4	2163151242005	BHADARGADE RAHUL S.	50	33	83	3
5	2163151242022	BHANDIGARE SUYASH N.	40	28	68	2
6	2163151242025	BHENKI SHRIYASH SUNIL	42	31	73	2
7	2163151242061	BHIUNGADE PRAJAKTA T.	52	35	87	3
8	2163151242035	CHOUGULE YASH SACHIN	54	36	90	3
9	2163151242060	DAKAVE PRANJAL S.	52	32	84	3
10	2163151242049	DHANAGAR PRAJVAL S.	52	28	80	3
11	2163151242038	GAIKWAD SWAPNIL SANJAY	50	35	85	3
12	2163151242014	JADHAV MANASI ASHOK	54	36	90	3
13	2163151242017	JADHAV ROHAN ASHOK	51	31	82	3
14	2163151242063	JADHAV SANIKA BAJIRAO	54	34	88	3
15	2163151242040	JADHAV SOURABH VIJAY	55	37	92	3
16	2163151242066	JADHAV VAISHNAVI ASHOK	54	34	88	3
17	2163151242044	KAMBLE VAISHNAVI VIJAY	46	31	77	2
18	2163151242021	KESARKAR ABHISHEK M.	40	28	68	2
19	2163151242052	KHARADE ATHARVA NITIN	42	28	70	2
20	2163151242015	KHATIB ALFIYA N.	24	0	24	1
21	2163151242047	KHOT SAHIL BABURAO	54	34	88	3
22	2163151242031	KUMBHAR NUTAN SHIVAJI	53	35	88	3
23	2163151242024	KUMBHAR VISHAL J.	42	31	73	2
24	2163151242062	LOBO JOAQUINA GABRIEL	54	36	90	3
25	2163151242019	MAGDUM KARTIK V.	54	35	89	3
26	2163151242032	MALAVI ATHARVA S.	42	23	65	2
27	2163151242042	MANE RAVINA MARUTI	54	34	88	3
28	2163151242053	MANE SANIKA BALU	55	34	89	3
29	2163151242020	NAIK KARTIK BABURAO	24	0	24	1
30	2163151242001	NIKAM KOVID NITIN	52	36	88	3
31	2163151242030	PATIL ARJUN SHIVAJI	48	30	78	2
32	2163151242023	PATIL BAJIRAO VITTHAL	24	0	24	1
33	2163151242048	PATIL EKNATH SHANKAR	44	37	81	3
34	2163151242012	PATIL HARSHVARDHAN N.	38	32	70	2
35	2163151242045	PATIL MANASI DIPAK	52	35	87	3
36	2163151242043	PATIL NAMRATA PRASHANT	51	33	84	3
37	2163151242041	PATIL PRAJWAL BABAN	55	37	92	3
38	2163151242034	PATIL PRANAVI SUBHASH	54	35	89	3
39	2163151242054	PATIL ROSHANI ANANDA	54	37	91	3
40	2163151242058	PATIL SANIKA SANJAY	54	34	88	3
41	2163151242051	PATIL SHREYASH KRISHNA	46	31	77	2
42	2163151242065	PATIL SIDDHESH DINKAR	48	33	81	3
43	2163151242039	PATIL SNEHAL NIVRUTI	50	33	83	3
44	2163151242011	PATIL SNEHAL SANJAY	53	34	87	3
45	2163151242004	PATIL SNEHAL SARJERAO	53	34	87	3
46	2163151242008	PATIL SUSHANT D.	48	32	80	3
47	2163151242059	PATIL VAISHNAVI SANJAY	46	33	79	2
48	2163151242056	PAWAR RITESH BAJARANG	38	27	65	2
49	2163151242050	POWAR PRASAD SANJAY	40	28	68	2
50	2163151242037	SALOKHE ADITYA S.	42	33	75	2

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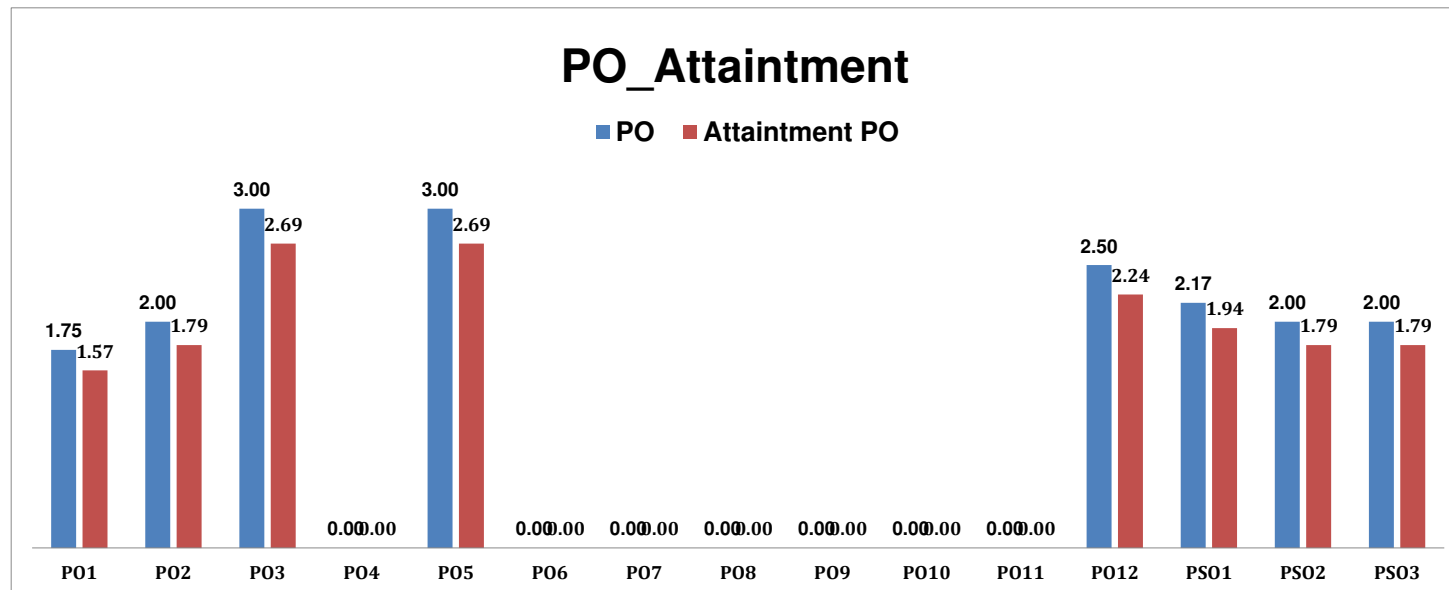
Roll No.	PRN No.	Name of Student	DS & OOP Lab			CO Attinment
			CA	ETE	Total	
			MARKS	60	40	
51	2163151242003	SARUDKAR SHREYA R.	57	38	95	3
52	2163151242002	SAWANT MAYURI S.	54	33	87	3
53	2163151242028	SHAIKH JUNED SHAKIL	51	32	83	3
54	2163151242013	SHITOLE PRANJALI R.	56	36	92	3
55	2163151242007	TEKALE POOJA KUBER	54	36	90	3
56	2163151242010	TILAWE SANIKA DHANAJI	52	36	88	3
57	2163151242009	TURKE ANIKET SURESH	50	31	81	3
58	2163151242057	VADAM RUTURAJ MARUTI	35	27	62	2
59	2163151242006	VHANKALI SUSHILKUMAR K.	53	32	85	3
60	2163151242046	YADAV SNEHAL VILAS	54	35	89	3
61	2263151242507	APEKSHA ANANDA HABLE	50	32	82	3
62	2263151242504	GAIKWAD PANKAJ G.	54	38	92	3
63	2263151242515	GAWADE PANKAJ D.	54	38	92	3
64	2263151242509	JADHAV RITESH NITIN	50	33	83	3
65	2263151242503	KURLE BHAKTI PRAMOD	50	37	87	3
66	2263151242505	LOLE AISHWARYA S.	52	33	85	3
67	2263151242506	MOHITE ROHIT KRISHNAT	50	29	79	2
68	2263151242502	MUNDE RAJNANDINI M.	52	34	86	3
69	2263151242511	NAVHADE TANMAY VIVEK	52	35	87	3
70	2263151242510	PARIT MAITHILI A.	52	36	88	3
71	2263151242508	SANGAR SAYALI NITIN	49	34	83	3
72	2263151242501	SANIKA S. CHAVAN	50	32	82	3
73	2263151242512	PATIL PRITI DATTATRAY	52	30	82	3
74	2263151242513	KAJALE MAHESH GANESH	52	37	89	3
75	2263151242514	BANKARMALI UDAYRAJ D.	49	30	79	2
<b>Total CO</b>			3670	2386	6056	
<b>Avarage CO</b>			48.93	31.81	80.75	202
<b>Percentage of CO</b>			0.82	0.80	0.81	
<b>Attainment of CO</b>			3	3	3	
<b>Attainment of CO</b>						2.69

## CO - PO Mappig for (BTCOL306 )Data Structures Lab & Object Oriented Programming Lab

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
BTCOL306.1	3							-	-	-	-	2	2	2	2
BTCOL306.2		2	3					-	-	-	-	3	2		
BTCOL306.3	2				3			-	-	-	-	3	3		2
BTCOL306.4	1		3					-	-	-	-	2	1	2	
BTCOL306.5		2			3			-	-	-	-	2	3		2
BTCOL306.6	1		3									3	2	2	
Avg.	1.75	2.00	3.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	2.17	2.00	2.00

CO Avg. Attainment                      2.69

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
PO	1.75	2.00	3.00	-	3.00	-	-	-	-	-	-	2.50	2.17	2.00	2.00
Attainment PO	1.57	1.79	2.69	-	2.69	-	-	-	-	-	-	2.24	1.94	1.79	1.79



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## CO Attainment Table for Infrastructure Engg 2021-22

Course Outcomes	Direct Assesment				Indirect Assesment	Total	%
	CA - I	MSE	CA - II	Final Exam	Course Exit Survey		
BTCVC702.1	9.38	3.58	3.33	52.03	2.22	70.53	86.02
BTCVC702.2	0.00	5.18	4.84		2.25	64.29	84.04
BTCVC702.3	0.00	4.95	0.00		2.29	59.26	84.06
BTCVC702.4	0.00	0.00	0.00		2.26	54.29	86.17

Target set is 50 %

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**COURSE EXIT SURVEY - Marks**

Enrollment Number	Name of Student	Course Exit Survey Attainment (Marks)				Total	%
		3	3	3	3	12	
		BTCVC702.1	BTCVC702.2	BTCVC702.3	BTCVC702.4		
PRN:1963151191002	GURAV SOURABH HINDURAO	2	2	2	2	8	66.67
PRN:1963151191003	SHINDE AKSHAY MAHADEV	2	3	2	2	9	75.00
PRN:1963151191004	JAGADALE SWAROOP SACHIN	2	3	2	2	9	75.00
PRN:1963151191005	RAJVARDHAN DHANANJAY JADHAV	2	2	3	2	9	75.00
PRN:1963151191009	PATIL SURAJ SANJAY	2	3	3	2	10	83.33
PRN:1963151191010	PATIL DIGVIJAY MANOHAR	2	3	3	2	10	83.33
PRN:1963151191021	GOTAL MANOJ ANANDA	2	3	3	2	10	83.33
PRN:1963151191023	KALANTRE SWAPNIL MAHADEV	2	2	2	2	8	66.67
PRN:1963151191026	KOPARDE ANIKET ARJUN	3	2	2	2	9	75.00
PRN:1963151191027	AKSHAY ANIL SHINGADE	2	3	2	2	9	75.00
PRN:1963151191028	BHOSALE PANKAJ VISHWJEET	2	2	3	2	9	75.00
PRN:1963151191029	SHAIKH HUJAIFA DINMOHAMMAD	2	2	2	3	9	75.00
PRN:1963151191030	SHIVANI UTTAM LATWADE	3	2	3	2	10	83.33
PRN:1963151191032	MAJGAONKAR MASIRA NAZIM	2	3	2	3	10	83.33
PRN:1963151191037	PATIL HARSHAVARDHAN VISHWASRAO	2	2	3	3	10	83.33
PRN:1963151191039	BHALKAR AKASH ANANT	2	2	2	2	8	66.67
PRN:1963151191041	GADAGADE ROHAN ASHOK	3	2	2	2	9	75.00
PRN:1963151191042	KHADE PRATHAMESH SHRIKANT	2	2	3	2	9	75.00
PRN:1963151191043	KURNE SHUBHAM AVDHOOT	2	2	2	3	9	75.00
PRN:1963151191044	PATIL PRATHMESH TANAJI	2	3	2	2	9	75.00
PRN:1963151191045	GHATAGE TEJASHREE VIJAYSINH	3	2	2	3	10	83.33
PRN:1963151191047	MORE SUDHIR SANJAY	2	2	3	3	10	83.33
PRN:1963151191054	POWAR ONKAR ARUN	2	3	2	3	10	83.33
PRN:1963151191058	CHOUGALE PRAJKATA PRAKASH	2	2	2	2	8	66.67
PRN:1963151191059	SARNOBAT SNEHA UTTAM	3	2	2	2	9	75.00
PRN:1963151191060	BHALEKAR MOHAN MARUTI	2	2	3	2	9	75.00
PRN:1963151191063	HAROLE AKASH VIDYADHAR	2	3	2	3	10	83.33
PRN:1963151191064	AVADHUT SHANKAR JADHAV	3	2	2	2	9	75.00

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PRN:1963151191067	RAHUL MADHUKAR BHOSALE	2	2	3	3	10	83.33
PRN:2063151191002	KUMBHAR ONKAR SARJERAO	3	2	3	2	10	83.33
PRN:2063151191003	JADHAV AJINKYA ASHOK	2	3	3	2	10	83.33
PRN:2063151191011	ADHAV SHIVRAJ ARJUNRAO	2	2	2	2	8	66.67
PRN:2063151191016	KAMBLE GURUDAS MARUTI	2	2	2	2	8	66.67
PRN:2063151191017	KAMBLE ANIKET DEEPAK	2	2	2	2	8	66.67
PRN:51631520171119110014	YADAV YASH SATISH	2	2	2	2	8	66.67
PRN:51631520171119110032	PATIL PRAJWAL UDAY	2	2	2	2	8	66.67
PRN:51631520181119110001	CHOPADEV ANUSHKA AJIT	3	2	2	3	10	83.33
PRN:51631520181119110002	DAREKAR KETAK SUBHASH	2	3	3	2	10	83.33
PRN:51631520181119110003	CHAVAN PRANAV PRAKASH	2	3	2	3	10	83.33
PRN:51631520181119110004	AYAREKAR RUTURAJ SHASHIKANT	2	2	2	2	8	66.67
PRN:51631520181119110005	PATIL OMKAR ASHOK	2	2	2	2	8	66.67
PRN:51631520181119110006	SUTAR DIPAK RAVINDRA	2	2	2	2	8	66.67
PRN:51631520181119110007	SANGAR ONKAR NANDKUMAR	2	2	2	2	8	66.67
PRN:51631520181119110008	GHAGARE TEJAS KRUSHNAT	2	2	2	2	8	66.67
PRN:51631520181119110009	JOUNDAL SAURABH DILIP	3	2	2	3	10	83.33
PRN:51631520181119110010	GAVALI SANKET KONDIRAM	2	3	3	2	10	83.33
PRN:51631520181119110011	KAMBLE RUTURAJ RAMCHANDRA	2	2	3	3	10	83.33
PRN:51631520181119110012	LAMBE ASHWINI ANIL	2	2	2	2	8	66.67
PRN:51631520181119110013	PATIL SANTOSH SHIRISH	2	2	2	2	8	66.67
PRN:51631520181119110014	TEJAS SANJAY MOLE	2	2	2	2	8	66.67
PRN:51631520181119110015	PATIL GANESH SARJERAO	2	2	2	2	8	66.67
PRN:51631520181119110016	DAKAVE ABHIJIT SARJERAO	2	2	2	2	8	66.67
PRN:51631520181119110017	JADHAV VIKRAM MOHAN	3	2	3	2	10	83.33
PRN:51631520181119110018	PATIL RAVIRAJ DINKAR	2	3	2	3	10	83.33
PRN:51631520181119110019	AKSHAY MARUTI KAMBLE	3	2	2	3	10	83.33
PRN:51631520181119110020	KEDAR SARJERAO MORE	2	2	2	2	8	66.67
PRN:51631520181119110023	YADAV SAURABH JAYSING	2	2	2	2	8	66.67
PRN:51631520181119110024	PATIL AKASH SAMBHAJI	2	2	2	2	8	66.67
PRN:51631520181119110026	DESAI MUSKAN SHAKIL	2	2	2	2	8	66.67
PRN:51631520181119110027	PATIL PRATAPSINGH RAJENDRA	2	2	2	2	8	66.67
PRN:51631520181119110028	GAVANDI NEHA RAHUL	3	2	3	2	10	83.33

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PRN:51631520181119110030	HULLE SHREYA SUNIL	2	3	2	3	10	83.33
PRN:51631520181119110031	KUMBHAR DHIRAJ DHONDIRAM	2	2	3	3	10	83.33
PRN:51631520181119110032	KONDE ROHAN TANAJI	2	2	2	2	8	66.67
PRN:51631520181119110041	PAWAR SHUBHAM RAJENDRA	3	2	2	2	9	75.00
PRN:51631520181119110042	DESAI RUSHIKESH PRAKASH	2	3	2	2	9	75.00
PRN:51631520181119110057	KSHITU KRISHNAT POWAR	3	2	2	2	9	75.00
PRN:51631520181119110058	ROHAN BAJIRAO VARPE	2	2	3	2	9	75.00
PRN:51631520181119110072	RAORANE RUTUJA ASHOK	3	2	2	3	10	83.33
PRN:51631520181119110073	MAHIND DHIRAJ VIKAS	2	3	3	2	10	83.33
PRN:51631520181119111001	KADAM SHUBHAM KESHAV	3	2	2	3	10	83.33
PRN:51631520181119111002	KADAM NILESH BHIMRAO	2	2	2	2	8	66.67
PRN:51631520181160210034	DHAKANE RAHUL BANDU	2	2	2	2	8	66.67
Total		162	164	167	165	658	5483.33
Average	03/03/03/03/12/100	2.22	2.25	2.29	2.26	9.01	75.11

No. of Student score more than 50% of marks is 73 out of 73 i.e. 100%

**Attainment Level: 100 % students achieved marks greater than 50%, thus the attainment level is 3**

  
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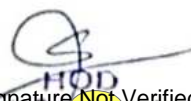
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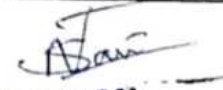
**Sub- Infrastructure Engg 2021-22**

**Final Exam Marks**

Enrollment Number	Name of Student	Marks Out of 60
PRN:1963151191002	GURAV SOURABH HINDURAO	45
PRN:1963151191003	SHINDE AKSHAY MAHADEV	48
PRN:1963151191004	JAGADALE SWAROOP SACHIN	48
PRN:1963151191005	RAJVARDHAN DHANANJAY JADHAV	48
PRN:1963151191009	PATIL SURAJ SANJAY	60
PRN:1963151191010	PATIL DIGVIJAY MANOHAR	60
PRN:1963151191021	GOTAL MANOJ ANANDA	60
PRN:1963151191023	KALANTRE SWAPNIL MAHADEV	45
PRN:1963151191026	KOPARDE ANIKET ARJUN	48
PRN:1963151191027	AKSHAY ANIL SHINGADE	48
PRN:1963151191028	BHOSALE PANKAJ VISHWJEET	48
PRN:1963151191029	SHAIKH HUJAIFA DINMOHAMMAD	48
PRN:1963151191030	SHIVANI UTTAM LATWADE	60
PRN:1963151191032	MAJGAONKAR MASIRA NAZIM	60
PRN:1963151191037	PATIL HARSHAVARDHAN VISHWASRAO	60
PRN:1963151191039	BHALKAR AKASH ANANT	45
PRN:1963151191041	GADAGADE ROHAN ASHOK	48
PRN:1963151191042	KHADE PRATHAMESH SHRIKANT	48
PRN:1963151191043	KURNE SHUBHAM AVDHOT	48
PRN:1963151191044	PATIL PRATHMESH TANAJI	48
PRN:1963151191045	GHATAGE TEJASHREE VIJAYSINH	60
PRN:1963151191047	MORE SUDHIR SANJAY	60
PRN:1963151191054	POWAR ONKAR ARUN	60
PRN:1963151191058	CHOUGALE PRAJKATA PRAKASH	45
PRN:1963151191059	SARNOBAT SNEHA UTTAM	48
PRN:1963151191060	BHALEKAR MOHAN MARUTI	48
PRN:1963151191063	HAROLE AKASH VIDYADHAR	48
PRN:1963151191064	AVADHUT SHANKAR JADHAV	48
PRN:1963151191067	RAHUL MADHUKAR BHOSALE	60
PRN:2063151191002	KUMBHAR ONKAR SARJERAO	60
PRN:2063151191003	JADHAV AJINKYA ASHOK	60
PRN:2063151191011	ADHAV SHIVRAJ ARJUNRAO	45
PRN:2063151191016	KAMBLE GURUDAS MARUTI	48
PRN:2063151191017	KAMBLE ANIKET DEEPAK	48
PRN:51631520171119110014	YADAV YASH SATISH	48
PRN:51631520171119110032	PATIL PRAJWAL UDAY	48
PRN:51631520181119110001	CHOPADE ANUSHKA AJIT	60
PRN:51631520181119110002	DAREKAR KETAK SUBHASH	60
PRN:51631520181119110003	CHAVAN PRANAV PRAKASH	60
PRN:51631520181119110004	AYAREKAR RUTURAJ SHASHIKANT	45
PRN:51631520181119110005	PATIL OMKAR ASHOK	48
PRN:51631520181119110006	SUTAR DIPAK RAVINDRA	48

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PRN:51631520181119110007	SANGAR ONKAR NANDKUMAR	48
PRN:51631520181119110008	GHAGARE TEJAS KRUSHNAT	48
PRN:51631520181119110009	JOUNDAL SAURABH DILIP	60
PRN:51631520181119110010	GAVALI SANKET KONDIRAM	60
PRN:51631520181119110011	KAMBLE RUTURAJ RAMCHANDRA	60
PRN:51631520181119110012	LAMBE ASHWINI ANIL	45
PRN:51631520181119110013	PATIL SANTOSH SHIRISH	48
PRN:51631520181119110014	TEJAS SANJAY MOLE	48
PRN:51631520181119110015	PATIL GANESH SARJERAO	48
PRN:51631520181119110016	DAKAVE ABHIJIT SARJERAO	48
PRN:51631520181119110017	JADHAV VIKRAM MOHAN	60
PRN:51631520181119110018	PATIL RAVIRAJ DINKAR	60
PRN:51631520181119110019	AKSHAY MARUTI KAMBLE	60
PRN:51631520181119110020	KEDAR SARJERAO MORE	45
PRN:51631520181119110023	YADAV SAURABH JAYSING	48
PRN:51631520181119110024	PATIL AKASH SAMBHAJI	48
PRN:51631520181119110026	DESAI MUSKAN SHAKIL	48
PRN:51631520181119110027	PATIL PRATAP SINGH RAJENDRA	48
PRN:51631520181119110028	GAVANDI NEHA RAHUL	60
PRN:51631520181119110030	HULLE SHREYA SUNIL	60
PRN:51631520181119110031	KUMBHAR DHIRAJ DHONDIRAM	60
PRN:51631520181119110032	KONDE ROHAN TANAJI	45
PRN:51631520181119110041	PAWAR SHUBHAM RAJENDRA	48
PRN:51631520181119110042	DESAI RUSHIKESH PRAKASH	48
PRN:51631520181119110057	KSHITIJ KRISHNAT POWAR	48
PRN:51631520181119110058	ROHAN BAJIRAO VARPE	48
PRN:51631520181119110072	RAORANE RUTUJA ASHOK	60
PRN:51631520181119110073	MAHIND DHIRAJ VIKAS	60
PRN:51631520181119111001	KADAM SHUBHAM KESHAV	60
PRN:51631520181119111002	KADAM NILESH BHIMRAO	45
PRN:51631520181160210034	DHAKANE RAHUL BANDU	48
Total		3798
Average	100	52.03

No. of Student score more than 50% of marks is 73 out of 73 i.e. 100 %

**Attainment Level: 100 % students achieved marks greater than 50%, thus the attainment level is 3**

  
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JAIN,  
SANJEEVAN  
ENGINEERING &

**Subject : Infrastructure Engg 2021-22**

Continous Assesment I							
Enrollment Number	Name of Student	CA - I Attainment Marks					
		10	0	0	0	Total	%
		CO1	CO2	CO3	CO4	Marks out	
PRN:1963151191002	GURAV SOURABH HINDURAO	10	0	0	0	10	100
PRN:1963151191003	SHINDE AKSHAY MAHADEV	10	0	0	0	10	100
PRN:1963151191004	JAGADALE SWAROOP SACHIN	8	0	0	0	8	80
PRN:1963151191005	RAJVARDHAN DHANANJAY JADHAV	9	0	0	0	9	90
PRN:1963151191009	PATIL SURAJ SANJAY	10	0	0	0	10	100
PRN:1963151191010	PATIL DIGVIJAY MANOHAR	8	0	0	0	8	80
PRN:1963151191021	GOTAL MANOJ ANANDA	10	0	0	0	10	100
PRN:1963151191023	KALANTRE SWAPNIL MAHADEV	10	0	0	0	10	100
PRN:1963151191026	KOPARDE ANIKET ARJUN	10	0	0	0	10	100
PRN:1963151191027	AKSHAY ANIL SHINGADE	10	0	0	0	10	100
PRN:1963151191028	BHOSALE PANKAJ VISHWJEET	8	0	0	0	8	80
PRN:1963151191029	SHAIKH HUJAIFA DINMOHAMMAD	9	0	0	0	9	90
PRN:1963151191030	SHIVANI UTTAM LATWADE	8	0	0	0	8	80
PRN:1963151191032	MAJGAONKAR MASIRA NAZIM	9	0	0	0	9	90
PRN:1963151191037	PATIL HARSHAVARDHAN VISHWASRAO	10	0	0	0	10	100
PRN:1963151191039	BHALKAR AKASH ANANT	9	0	0	0	9	90
PRN:1963151191041	GADAGADE ROHAN ASHOK	10	0	0	0	10	100
PRN:1963151191042	KHADE PRATHAMESH SHRIKANT	9	0	0	0	9	90
PRN:1963151191043	KURNE SHUBHAM AVDHOT	10	0	0	0	10	100
PRN:1963151191044	PATIL PRATHMESH TANAJI	10	0	0	0	10	100
PRN:1963151191045	GHATAGE TEJASHREE VIJAYSINH	10	0	0	0	10	100
PRN:1963151191047	MORE SUDHIR SANJAY	10	0	0	0	10	100
PRN:1963151191054	POWAR ONKAR ARUN	10	0	0	0	10	100
PRN:1963151191058	CHOUGALE PRAJKATA PRAKASH	10	0	0	0	10	100
PRN:1963151191059	SARNOBAT SNEHA UTTAM	9	0	0	0	9	90
PRN:1963151191060	BHALEKAR MOHAN MARUTI	10	0	0	0	10	100

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PRN:1963151191063	HAROLE AKASH VIDYADHAR	10	0	0	0	10	100
PRN:1963151191064	AVADHUT SHANKAR JADHAV	9	0	0	0	9	90
PRN:1963151191067	RAHUL MADHUKAR BHOSALE	9	0	0	0	9	90
PRN:2063151191002	KUMBHAR ONKAR SARJERAO	6	0	0	0	6	60
PRN:2063151191003	JADHAV AJINKYA ASHOK	9	0	0	0	9	90
PRN:2063151191011	ADHAV SHIVRAJ ARJUNRAO	10	0	0	0	10	100
PRN:2063151191016	KAMBLE GURUDAS MARUTI	10	0	0	0	10	100
PRN:2063151191017	KAMBLE ANIKET DEEPAK	8	0	0	0	8	80
PRN:51631520171119110014	YADAV YASH SATISH	10	0	0	0	10	100
PRN:51631520171119110032	PATIL PRAJWAL UDAY	9	0	0	0	9	90
PRN:51631520181119110001	CHOPADE ANUSHKA AJIT	10	0	0	0	10	100
PRN:51631520181119110002	DAREKAR KETAK SUBHASH	10	0	0	0	10	100
PRN:51631520181119110003	CHAVAN PRANAV PRAKASH	10	0	0	0	10	100
PRN:51631520181119110004	AYAREKAR RUTURAJ SHASHIKANT	10	0	0	0	10	100
PRN:51631520181119110005	PATIL OMKAR ASHOK	5	0	0	0	5	50
PRN:51631520181119110006	SUTAR DIPAK RAVINDRA	10	0	0	0	10	100
PRN:51631520181119110007	SANGAR ONKAR NANDKUMAR	10	0	0	0	10	100
PRN:51631520181119110008	GHAGARE TEJAS KRUSHNAT	9	0	0	0	9	90
PRN:51631520181119110009	JOUNDAL SAURABH DILIP	10	0	0	0	10	100
PRN:51631520181119110010	GAVALI SANKET KONDIRAM	10	0	0	0	10	100
PRN:51631520181119110011	KAMBLE RUTURAJ RAMCHANDRA	10	0	0	0	10	100
PRN:51631520181119110012	LAMBE ASHWINI ANIL	10	0	0	0	10	100
PRN:51631520181119110013	PATIL SANTOSH SHIRISH	9	0	0	0	9	90
PRN:51631520181119110014	TEJAS SANJAY MOLE	10	0	0	0	10	100
PRN:51631520181119110015	PATIL GANESH SARJERAO	10	0	0	0	10	100
PRN:51631520181119110016	DAKAVE ABHIJIT SARJERAO	8	0	0	0	8	80
PRN:51631520181119110017	JADHAV VIKRAM MOHAN	9	0	0	0	9	90
PRN:51631520181119110018	PATIL RAVIRAJ DINKAR	8	0	0	0	8	80
PRN:51631520181119110019	AKSHAY MARUTI KAMBLE	10	0	0	0	10	100
PRN:51631520181119110020	KEDAR SARJERAO MORE	9	0	0	0	9	90
PRN:51631520181119110023	YADAV SAURABH JAYSING	10	0	0	0	10	100
PRN:51631520181119110024	PATIL AKASH SAMBHAJI	10	0	0	0	10	100
PRN:51631520181119110026	DESAI MUSKAN SHAKIL	8	0	0	0	8	80

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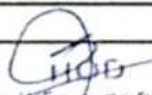
PRN:51631520181119110027	PATIL PRATAPSINGH RAJENDRA	9	0	0	0	9	90
PRN:51631520181119110028	GAVANDI NEHA RAHUL	10	0	0	0	10	100
PRN:51631520181119110030	HULLE SHREYA SUNIL	10	0	0	0	10	100
PRN:51631520181119110031	KUMBHAR DHIRAJ DHONDIRAM	8	0	0	0	8	80
PRN:51631520181119110032	KONDE ROHAN TANAJI	10	0	0	0	10	100
PRN:51631520181119110041	PAWAR SHUBHAM RAJENDRA	9	0	0	0	9	90
PRN:51631520181119110042	DESAI RUSHIKESH PRAKASH	10	0	0	0	10	100
PRN:51631520181119110057	KSHITIJ KRISHNAT POWAR	9	0	0	0	9	90
PRN:51631520181119110058	ROHAN BAJIRAO VARPE	9	0	0	0	9	90
PRN:51631520181119110072	RAORANE RUTUJA ASHOK	10	0	0	0	10	100
PRN:51631520181119110073	MAHIND DHIRAJ VIKAS	10	0	0	0	10	100
PRN:51631520181119111001	KADAM SHUBHAM KESHAV	10	0	0	0	10	100
PRN:51631520181119111002	KADAM NILESH BHIMRAO	10	0	0	0	10	100
PRN:51631520181160210034	DHAKANE RAHUL BANDU	10	0	0	0	10	100
<b>Total</b>		<b>685</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>685</b>	<b>6850</b>
<b>Average</b>	<b>10/0/0/0/10/100</b>	<b>9.38</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>9.38</b>	<b>93.84</b>
No. of Student score more than 50% of marks is 72 out of 73 i.e. 98.63 %							
<b>Attainment Level: 98.63 % students achieved marks greater than 50%, thus the attainment level is 3</b>							

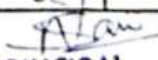
### Subject : Infrastructure Engg 2021-22

Mid Semester Examination							
Enrollment Number	Name of Student	MSE Attainment Marks				Total Marks out	%
		CO1	CO2	CO3	CO4		
PRN:1963151191002	GURAV SOURABH HINDURAO	1	1	0	0	2	10
PRN:1963151191003	SHINDE AKSHAY MAHADEV	2	4	5	0	11	55
PRN:1963151191004	JAGADALE SWAROOP SACHIN	4	5	2	0	11	55
PRN:1963151191005	RAJVARDHAN DHANANJAY JADHAV	4	2	7	0	13	65

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PRN:1963151191009	PATIL SURAJ SANJAY	2	11	5	0	18	90
PRN:1963151191010	PATIL DIGVIJAY MANOHAR	5	4	7	0	16	80
PRN:1963151191021	GOTAL MANOJ ANANDA	2	5	11	0	18	90
PRN:1963151191023	KALANTRE SWAPNIL MAHADEV	4	9	2	0	15	75
PRN:1963151191026	KOPARDE ANIKET ARJUN	5	4	8	0	17	85
PRN:1963151191027	AKSHAY ANIL SHINGADE	3	2	4	0	9	45
PRN:1963151191028	BHOSALE PANKAJ VISHWJEET	5	4	7	0	16	80
PRN:1963151191029	SHAIKH HUJAIFA DINMOHAMMAD	4	10	2	0	16	80
PRN:1963151191030	SHIVANI UTTAM LATWADE	2	5	2	0	9	45
PRN:1963151191032	MAJGAONKAR MASIRA NAZIM	5	9	2	0	16	80
PRN:1963151191037	PATIL HARSHAVARDHAN VISHWASRAO	4	2	5	0	11	55
PRN:1963151191039	BHALKAR AKASH ANANT	4	5	2	0	11	55
PRN:1963151191041	GADAGADE ROHAN ASHOK	3	2	4	0	9	45
PRN:1963151191042	KHADE PRATHAMESH SHRIKANT	1	0	0	0	1	5
PRN:1963151191043	KURNE SHUBHAM AVDHOT	4	8	2	0	14	70
PRN:1963151191044	PATIL PRATHMESH TANAJI	5	4	2	0	11	55
PRN:1963151191045	GHATAGE TEJASHREE VIJAYSINH	5	4	7	0	16	80
PRN:1963151191047	MORE SUDHIR SANJAY	4	6	5	0	15	75
PRN:1963151191054	POWAR ONKAR ARUN	4	4	2	0	10	50
PRN:1963151191058	CHOUGALE PRAJKATA PRAKASH	4	2	9	0	15	75
PRN:1963151191059	SARNOBAT SNEHA UTTAM	2	8	4	0	14	70
PRN:1963151191060	BHALEKAR MOHAN MARUTI	4	2	5	0	11	55
PRN:1963151191063	HAROLE AKASH VIDYADHAR	5	7	2	0	14	70
PRN:1963151191064	AVADHUT SHANKAR JADHAV	2	4	8	0	14	70
PRN:1963151191067	RAHUL MADHUKAR BHOSALE	2	5	4	0	11	55
PRN:2063151191002	KUMBHAR ONKAR SARJERAO	4	3	2	0	9	45
PRN:2063151191003	JADHAV AJINKYA ASHOK	3	2	4	0	9	45
PRN:2063151191011	ADHAV SHIVRAJ ARJUNRAO	2	4	4	0	10	50
PRN:2063151191016	KAMBLE GURUDAS MARUTI	5	5	2	0	12	60
PRN:2063151191017	KAMBLE ANIKET DEEPAK	5	4	2	0	11	55
PRN:51631520171119110014	YADAV YASH SATISH	2	2	4	0	8	40
PRN:51631520171119110032	PATIL PRAJWAL UDAY	4	4	2	0	10	50
PRN:51631520181119110001	CHOPADE ANUSHKA AJIT	2	11	5	0	18	90

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PRN:51631520181119110002	DAREKAR KETAK SUBHASH	5	4	7	0	16	80
PRN:51631520181119110003	CHAVAN PRANAV PRAKASH	2	11	5	0	18	90
PRN:51631520181119110004	AYAREKAR RUTURAJ SHASHIKANT	5	2	11	0	18	90
PRN:51631520181119110005	PATIL OMKAR ASHOK	4	11	2	0	17	85
PRN:51631520181119110006	SUTAR DIPAK RAVINDRA	2	5	9	0	16	80
PRN:51631520181119110007	SANGAR ONKAR NANDKUMAR	5	2	11	0	18	90
PRN:51631520181119110008	GHAGARE TEJAS KRUSHNAT	4	6	2	0	12	60
PRN:51631520181119110009	JOUNDAL SAURABH DILIP	4	2	7	0	13	65
PRN:51631520181119110010	GAVALI SANKET KONDIRAM	2	9	4	0	15	75
PRN:51631520181119110011	KAMBLE RUTURAJ RAMCHANDRA	4	4	4	0	12	60
PRN:51631520181119110012	LAMBE ASHWINI ANIL	2	6	4	0	12	60
PRN:51631520181119110013	PATIL SANTOSH SHIRISH	5	2	10	0	17	85
PRN:51631520181119110014	TEJAS SANJAY MOLE	5	2	11	0	18	90
PRN:51631520181119110015	PATIL GANESH SARJERAO	5	11	2	0	18	90
PRN:51631520181119110016	DAKAVE ABHIJIT SARJERAO	4	2	8	0	14	70
PRN:51631520181119110017	JADHAV VIKRAM MOHAN	5	6	4	0	15	75
PRN:51631520181119110018	PATIL RAVIRAJ DINKAR	4	5	6	0	15	75
PRN:51631520181119110019	AKSHAY MARUTI KAMBLE	4	10	2	0	16	80
PRN:51631520181119110020	KEDAR SARJERAO MORE	2	8	5	0	15	75
PRN:51631520181119110023	YADAV SAURABH JAYSING	5	4	7	0	16	80
PRN:51631520181119110024	PATIL AKASH SAMBHAJI	2	4	8	0	14	70
PRN:51631520181119110026	DESAI MUSKAN SHAKIL	4	2	2	0	8	40
PRN:51631520181119110027	PATIL PRATAP SINGH RAJENDRA	2	7	4	0	13	65
PRN:51631520181119110028	GAVANDI NEHA RAHUL	5	5	8	0	18	90
PRN:51631520181119110030	HULLE SHREYA SUNIL	2	10	5	0	17	85
PRN:51631520181119110031	KUMBHAR DHIRAJ DHONDIRAM	5	6	4	0	15	75
PRN:51631520181119110032	KONDE ROHAN TANAJI	2	4	9	0	15	75
PRN:51631520181119110041	PAWAR SHUBHAM RAJENDRA	5	4	7	0	16	80
PRN:51631520181119110042	DESAI RUSHIKESH PRAKASH	2	10	5	0	17	85
PRN:51631520181119110057	KSHITIJ KRISHNAT POWAR	4	2	9	0	15	75
PRN:51631520181119110058	ROHAN BAJIRAO VARPE	3	4	2	0	9	45
PRN:51631520181119110072	RAORANE RUTUJA ASHOK	5	7	5	0	17	85
PRN:51631520181119110073	MAHIND DHIRAJ VIKAS	2	4	8	0	14	70

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PRN:51631520181119111001	KADAM SHUBHAM KESHAV	5	10	2	0	17	85
PRN:51631520181119111002	KADAM NILESH BHIMRAO	2	5	10	0	17	85
PRN:51631520181160210034	DHAKANE RAHUL BANDU	5	9	2	0	16	80
<b>Total</b>		<b>261</b>	<b>378</b>	<b>361</b>	<b>0</b>	<b>1000</b>	<b>5000</b>
<b>Average</b>	<b>10/10/00/00/20/100</b>	<b>3.58</b>	<b>5.18</b>	<b>4.95</b>	<b>0.00</b>	<b>13.70</b>	<b>68.49</b>
No. of Students score more than 50% of marks is 60 out of 73 i.e. 82.19 %							
<b>Attainment Level: 82.19 % students achieved marks greater than 50%, thus the attainment level is 3</b>							

**Subject : Infrastructure Engg 2021-22**

**Continous Assesment II**

Enrollment Number	Name of Student	CA - II Attainment Marks				Total Marks out	%
		4 CO1	6 CO2	0 CO3	0 CO4		
PRN:1963151191002	GURAV SOURABH HINDURAO	3	4	0	0	7	70
PRN:1963151191003	SHINDE AKSHAY MAHADEV	4	4	0	0	8	80
PRN:1963151191004	JAGADALE SWAROOP SACHIN	4	5	0	0	9	90
PRN:1963151191005	RAJVARDHAN DHANANJAY JADHAV	4	4	0	0	8	80
PRN:1963151191009	PATIL SURAJ SANJAY	3	5	0	0	8	80
PRN:1963151191010	PATIL DIGVIJAY MANOHAR	3	5	0	0	8	80
PRN:1963151191021	GOTAL MANOJ ANANDA	3	5	0	0	8	80
PRN:1963151191023	KALANTRE SWAPNIL MAHADEV	3	5	0	0	8	80
PRN:1963151191026	KOPARDE ANIKET ARJUN	4	4	0	0	8	80
PRN:1963151191027	AKSHAY ANIL SHINGADE	2	6	0	0	8	80
PRN:1963151191028	BHOSALE PANKAJ VISHWJEET	3	6	0	0	9	90
PRN:1963151191029	SHAIKH HUJAIFA DINMOHAMMAD	3	5	0	0	8	80
PRN:1963151191030	SHIVANI UTTAM LATWADE	4	4	0	0	8	80
PRN:1963151191032	MAJGAONKAR MASIRA NAZIM	3	5	0	0	8	80
PRN:1963151191037	PATIL HARSHAVARDHAN VISHWASRAO	4	5	0	0	9	90
PRN:1963151191039	BHALKAR AKASH ANANT	4	5	0	0	9	90

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PRN:1963151191041	GADAGADE ROHAN ASHOK	3	5	0	0	8	80
PRN:1963151191042	KHADE PRATHAMESH SHRIKANT	3	6	0	0	9	90
PRN:1963151191043	KURNE SHUBHAM AVDHOT	3	6	0	0	9	90
PRN:1963151191044	PATIL PRATHMESH TANAJI	3	5	0	0	8	80
PRN:1963151191045	GHATAGE TEJASHREE VIJAYSINH	4	3	0	0	7	70
PRN:1963151191047	MORE SUDHIR SANJAY	2	6	0	0	8	80
PRN:1963151191054	POWAR ONKAR ARUN	4	4	0	0	8	80
PRN:1963151191058	CHOUGALE PRAJKATA PRAKASH	3	5	0	0	8	80
PRN:1963151191059	SARNOBAT SNEHA UTTAM	3	5	0	0	8	80
PRN:1963151191060	BHALEKAR MOHAN MARUTI	4	5	0	0	9	90
PRN:1963151191063	HAROLE AKASH VIDYADHAR	3	5	0	0	8	80
PRN:1963151191064	AVADHUT SHANKAR JADHAV	3	5	0	0	8	80
PRN:1963151191067	RAHUL MADHUKAR BHOSALE	3	4	0	0	7	70
PRN:2063151191002	KUMBHAR ONKAR SARJERAO	2	3	0	0	5	50
PRN:2063151191003	JADHAV AJINKYA ASHOK	4	5	0	0	9	90
PRN:2063151191011	ADHAV SHIVRAJ ARJUNRAO	3	5	0	0	8	80
PRN:2063151191016	KAMBLE GURUDAS MARUTI	3	4	0	0	7	70
PRN:2063151191017	KAMBLE ANIKET DEEPAK	3	4	0	0	7	70
PRN:51631520171119110014	YADAV YASH SATISH	3	6	0	0	9	90
PRN:51631520171119110032	PATIL PRAJWAL UDAY	3	5	0	0	8	80
PRN:51631520181119110001	CHOPADE ANUSHKA AJIT	4	5	0	0	9	90
PRN:51631520181119110002	DAREKAR KETAK SUBHASH	4	6	0	0	10	100
PRN:51631520181119110003	CHAVAN PRANAV PRAKASH	4	4	0	0	8	80
PRN:51631520181119110004	AYAREKAR RUTURAJ SHASHIKANT	3	5	0	0	8	80
PRN:51631520181119110005	PATIL OMKAR ASHOK	3	5	0	0	8	80
PRN:51631520181119110006	SUTAR DIPAK RAVINDRA	4	5	0	0	9	90
PRN:51631520181119110007	SANGAR ONKAR NANDKUMAR	4	5	0	0	9	90
PRN:51631520181119110008	GHAGARE TEJAS KRUSHNAT	4	5	0	0	9	90
PRN:51631520181119110009	JOUNDAL SAURABH DILIP	3	5	0	0	8	80
PRN:51631520181119110010	GAVALI SANKET KONDIRAM	3	5	0	0	8	80
PRN:51631520181119110011	KAMBLE RUTURAJ RAMCHANDRA	3	5	0	0	8	80

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PRN:51631520181119110012	LAMBE ASHWINI ANIL	3	5	0	0	8	80
PRN:51631520181119110013	PATIL SANTOSH SHIRISH	3	5	0	0	8	80
PRN:51631520181119110014	TEJAS SANJAY MOLE	3	5	0	0	8	80
PRN:51631520181119110015	PATIL GANESH SARJERAO	4	4	0	0	8	80
PRN:51631520181119110016	DAKAVE ABHIJIT SARJERAO	4	5	0	0	9	90
PRN:51631520181119110017	JADHAV VIKRAM MOHAN	4	4	0	0	8	80
PRN:51631520181119110018	PATIL RAVIRAJ DINKAR	3	6	0	0	9	90
PRN:51631520181119110019	AKSHAY MARUTI KAMBLE	4	5	0	0	9	90
PRN:51631520181119110020	KEDAR SARJERAO MORE	2	5	0	0	7	70
PRN:51631520181119110023	YADAV SAURABH JAYSING	4	4	0	0	8	80
PRN:51631520181119110024	PATIL AKASH SAMBHAJI	4	4	0	0	8	80
PRN:51631520181119110026	DESAI MUSKAN SHAKIL	4	5	0	0	9	90
PRN:51631520181119110027	PATIL PRATAPSINGH RAJENDRA	3	6	0	0	9	90
PRN:51631520181119110028	GAVANDI NEHA RAHUL	3	5	0	0	8	80
PRN:51631520181119110030	HULLE SHREYA SUNIL	4	5	0	0	9	90
PRN:51631520181119110031	KUMBHAR DHIRAJ DHONDIRAM	3	5	0	0	8	80
PRN:51631520181119110032	KONDE ROHAN TANAJI	3	5	0	0	8	80
PRN:51631520181119110041	PAWAR SHUBHAM RAJENDRA	4	5	0	0	9	90
PRN:51631520181119110042	DESAI RUSHIKESH PRAKASH	4	4	0	0	8	80
PRN:51631520181119110057	KSHITIJ KRISHNAT POWAR	3	5	0	0	8	80
PRN:51631520181119110058	ROHAN BAJIRAO VARPE	3	5	0	0	8	80
PRN:51631520181119110072	RAORANE RUTUJA ASHOK	3	4	0	0	7	70
PRN:51631520181119110073	MAHIND DHIRAJ VIKAS	3	5	0	0	8	80
PRN:51631520181119111001	KADAM SHUBHAM KESHAV	4	4	0	0	8	80
PRN:51631520181119111002	KADAM NILESH BHIMRAO	3	5	0	0	8	80
PRN:51631520181160210034	DHAKANE RAHUL BANDU	3	5	0	0	8	80
<b>Total</b>		<b>243</b>	<b>353</b>	<b>0</b>	<b>0</b>	<b>596</b>	<b>5960</b>
<b>Average</b>	<b>00/00/00/00/05/05/10/100</b>	<b>3.33</b>	<b>4.84</b>	<b>0.00</b>	<b>0.00</b>	<b>8.16</b>	<b>81.64</b>
No. of Student score more than 50% of marks is 72 out of 73 i.e. 98.63%							
<b>Attainment Level: 98.63 % students achieved marks greater than 50%, thus the attainment level is 3</b>							

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**Sub: Infrastructure Engg 2021-22**  
**Continous Assesment II (CA-II)**

Enrollment Number	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Total Marks	Total Marks	Total Marks	Total Marks	
		I	I	I	I	I	I	I	I	I	I	I	4	6	0	out of 10
		CO2	CO2	CO2	CO2	CO2	CO2	COI	COI	COI	COI	COI	CO2	CO3		
PRN:1963151191002	GURAV SOURABH HINDURAO	1	0	1	0	1	1	1	0	1	1	3	4	0	7	
PRN:1963151191003	SHINDE AKSHAY MAHADEV	1	1	0	1	0	1	1	1	1	1	4	4	0	8	
PRN:1963151191004	JAGDALE SWAROOP SACHIN	1	1	1	0	1	1	1	1	1	1	4	5	0	9	
PRN:1963151191005	RAJVARDHAN DHANANJAY JADHAV	0	1	1	1	1	0	1	1	1	1	4	4	0	8	
PRN:1963151191009	PATIL SURAJ SANJAY	1	0	1	1	1	1	1	1	0	1	3	5	0	8	
PRN:1963151191010	PATIL DIGVIJAY MANOHAR	1	1	1	1	1	0	1	1	1	0	3	5	0	8	
PRN:1963151191021	GOTAL MANOJ ANANDA	1	1	1	1	0	1	1	0	1	1	3	5	0	8	
PRN:1963151191023	KALANTRE SWAPNIL MAHADEV	1	1	1	0	1	1	0	1	1	1	3	5	0	8	
PRN:1963151191026	KOPARDE ANIKET ARJUN	1	1	0	1	1	0	1	1	1	1	4	4	0	8	
PRN:1963151191027	AKSHAY ANIL SHINGADE	1	1	1	1	1	1	1	0	1	0	2	6	0	8	
PRN:1963151191028	BHOSALE PANKAJ VISHWIJET	1	1	1	1	1	1	1	1	0	1	3	6	0	9	
PRN:1963151191029	SHAIKH HUJAIFA DINMOHAMMAD	1	1	1	1	0	1	0	1	1	1	3	5	0	8	
PRN:1963151191030	SHIVANI UTTAM LATWADE	1	1	1	0	1	0	1	1	1	1	4	4	0	8	
PRN:1963151191032	MAJGAONKAR MASIRA NAZIM	1	1	0	1	1	1	1	1	0	1	3	5	0	8	
PRN:1963151191037	PATIL HARSHAVARDHAN VISHWASRAO	1	0	1	1	1	1	1	1	1	1	4	5	0	9	
PRN:1963151191039	BHALKAR AKASH ANANT	1	1	1	0	1	1	1	1	1	1	4	5	0	9	
PRN:1963151191041	GADAGADE ROHAN ASHOK	1	1	1	1	0	1	1	1	1	0	3	5	0	8	
PRN:1963151191042	KHADE PRATHAMESH SHRRIKANT	1	1	1	1	1	1	1	0	1	1	3	6	0	9	
PRN:1963151191043	KURNE SHUBHAM AVCHHOOT	1	1	1	1	1	1	0	1	1	1	3	6	0	9	
PRN:1963151191044	PATIL PRATHMESH TANAJI	1	1	1	1	1	0	1	1	0	1	3	5	0	8	
PRN:1963151191045	GHATAGE TEJASHREE VIJAYSINH	0	1	0	1	0	1	1	1	1	1	4	3	0	7	
PRN:1963151191047	MORE SUDHIR SANJAY	1	1	1	1	1	1	1	0	1	0	2	6	0	8	
PRN:1963151191054	POWAR ONKAR ARUN	1	1	1	0	1	0	1	1	1	1	4	4	0	8	
PRN:1963151191058	CHOUGALE PRAJKATA PRAKASH	1	0	1	1	1	1	0	1	1	1	3	5	0	8	
PRN:1963151191059	SARNOBAT SNEHA UTTAM	0	1	1	1	1	1	1	0	1	1	3	5	0	8	
PRN:1963151191060	BHALEKAR MOHAN MARUTI	1	1	0	1	1	1	1	1	1	1	4	5	0	9	
PRN:1963151191063	HAROLE AKASH VIDYADHAR	1	1	1	0	1	1	1	0	1	1	3	5	0	8	
PRN:1963151191064	AVADHUT SHANKAR JADHAV	1	1	1	1	1	0	1	1	1	0	3	5	0	8	
PRN:1963151191067	RAHUL MADHUKAR BHOSALE	1	0	1	1	0	1	1	0	1	1	3	4	0	7	
PRN:2063151191002	KUMBHAR ONKAR SARJERAO	1	0	1	0	1	0	1	0	1	0	2	3	0	5	
PRN:2063151191003	JADHAV AJINKYA ASHOK	1	1	0	1	1	1	1	1	1	1	4	5	0	9	
PRN:2063151191011	ADHAV SHIVRAJ ARJUNRAO	0	1	1	1	1	1	1	1	0	1	3	5	0	8	
PRN:2063151191016	KAMBLE GJRUDAS MARUTI	1	0	1	0	1	1	0	1	1	1	3	4	0	7	
PRN:2063151191017	KAMBLE ANIKET DEEPAK	1	1	0	1	0	1	1	0	1	1	3	4	0	7	
PRN:51631520171119110014	YADAV YASH SATISH	1	1	1	1	1	1	1	1	1	0	3	6	0	9	
PRN:51631520171119110032	PATIL PRAJWAL UDAY	1	1	1	1	1	0	1	1	0	1	3	5	0	8	
PRN:51631520181119110001	CHOPADE ANUSHKA AJIT	0	1	1	1	1	1	1	1	1	1	4	5	0	9	
PRN:51631520181119110002	DAREKAR KETAK SUBHASH	1	1	1	1	1	1	1	1	1	1	4	6	0	10	
PRN:51631520181119110003	CHAVAN PRANAV PRAKASH	1	0	1	1	0	1	1	1	1	1	4	4	0	8	
PRN:51631520181119110004	AYAREKAR RUTURAJ SHASHIKANT	1	1	1	1	1	0	1	1	1	0	3	5	0	8	
PRN:51631520181119110005	PATIL OMKAR ASHOK	1	1	1	0	1	1	1	0	1	1	3	5	0	8	
PRN:51631520181119110006	SUTAR DIPAK RAVINDRA	1	1	0	1	1	1	1	1	1	1	4	5	0	9	
PRN:51631520181119110007	SANGAR ONKAR NANDKUMAR	1	0	1	1	1	1	1	1	1	1	4	5	0	9	
PRN:51631520181119110008	GHAGARE TEJAS KRUSHNAT	0	1	1	1	1	1	1	1	1	1	4	5	0	9	
PRN:51631520181119110009	JOUNDAL SAURABH DILIP	1	1	1	1	0	1	0	1	1	1	3	5	0	8	

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PRN-51631520181119110010	GAVALI SANKET KONDHIRAM	1	1	1	1	1	0	1	1	1	0	3	5	0	8
PRN-51631520181119110011	KAMBLE RUTURAJ RAMCHANDRA	1	1	1	0	1	1	1	0	1	1	3	5	0	8
PRN-51631520181119110012	LAMBE ASHWINI ANIL	1	0	1	1	1	1	1	1	0	1	3	5	0	8
PRN-51631520181119110013	PATIL SANTOSH SHIRISH	1	1	0	1	1	1	1	1	1	0	3	5	0	8
PRN-51631520181119110014	TEJAS SANJAY MOLE	0	1	1	1	1	1	1	0	1	1	3	5	0	8
PRN-51631520181119110015	PATIL GANESH SARJERAO	1	1	0	1	0	1	1	1	1	1	4	4	0	8
PRN-51631520181119110016	DAKAVE ABHIJIT SARJERAO	1	1	1	1	1	0	1	1	1	1	4	5	0	9
PRN-51631520181119110017	JADHAV VIKRAM MOHAN	1	0	1	0	1	1	1	1	1	1	4	4	0	8
PRN-51631520181119110018	PATIL RAVIRAJ DINKAR	1	1	1	1	1	1	1	1	0	1	3	6	0	9
PRN-51631520181119110019	AKSHAY MARUTI KAMBLE	1	1	1	1	1	0	1	1	1	1	4	5	0	9
PRN-51631520181119110020	KEDAR SARJERAO MORE	1	1	0	1	1	1	0	1	1	0	2	5	0	7
PRN-51631520181119110023	YADAV SAURABH JAYSING	0	1	1	0	1	1	1	1	1	1	4	4	0	8
PRN-51631520181119110024	PATIL AKASH SAMBHAJI	1	0	1	1	0	1	1	1	1	1	4	4	0	8
PRN-51631520181119110026	DESAI MUSKAN SHAKIL	1	1	0	1	1	1	1	1	1	1	4	5	0	9
PRN-51631520181119110027	PATIL PRATAP Singh RAJENDRA	1	1	1	1	1	1	0	1	1	1	3	6	0	9
PRN-51631520181119110028	GAVANDI NEHA RAHUL	1	1	1	0	1	1	1	1	0	1	3	5	0	8
PRN-51631520181119110030	HULLE SHREYA SUNIL	1	1	1	1	0	1	1	1	1	1	4	5	0	9
PRN-51631520181119110031	KUMBHAR DHIRAJ DHONDIRAM	1	1	1	1	1	0	1	1	1	0	3	5	0	8
PRN-51631520181119110032	KONDE ROHAN TANAJI	1	1	0	1	1	1	1	0	1	1	3	5	0	8
PRN-51631520181119110041	PAWAR SHUBHAM RAJENDRA	1	0	1	1	1	1	1	1	1	1	4	5	0	9
PRN-51631520181119110042	DESAI RUSHIKESH PRAKASH	0	1	1	0	1	1	1	1	1	1	4	4	0	8
PRN-51631520181119110057	KSHITIJ KRISHNAT POWAR	1	1	1	1	1	0	1	1	0	1	3	5	0	8
PRN-51631520181119110058	ROHAN BAJIRAO VARPE	1	1	1	1	0	1	1	1	1	0	3	5	0	8
PRN-51631520181119110072	RAORANE RUTUJA ASHOK	1	0	0	1	1	1	0	1	1	1	3	4	0	7
PRN-51631520181119110073	MAHIND DHIRAJ VIKAS	1	1	1	1	1	0	1	1	0	1	3	5	0	8
PRN-51631520181119111001	KADAM SHUBHAM KESHAV	0	1	1	1	0	1	1	1	1	1	4	4	0	8
PRN-51631520181119111002	KADAM NILESH BHIMRAO	1	1	1	0	1	1	1	0	1	1	3	5	0	8
PRN-51631520181160210034	DHAKANE RAHUL BANDU	1	1	0	1	1	1	1	1	0	1	3	5	0	8

*SAA*  
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*Jain*  
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JAIN  
O-SANJEEVAN  
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PRN 51631520181119110011	KAMBLE RUTUJRAJ RAMCHANDRA	1	1	1	1	1	1	2	2	0	0	2	4	4	4	12
PRN 51631520181119110012	LAAMBE ASHWINI ANIL	1	1	1	1	1	1	0	2	2	2	0	2	6	4	12
PRN 51631520181119110013	PATIL SANTOSH SHRISH	1	1	1	1	1	1	3	0	3	0	5	5	2	10	17
PRN 51631520181119110014	TEJAS SANJAY MOLE	1	1	1	1	1	1	3	0	3	0	6	5	2	11	18
PRN 51631520181119110015	PATIL GANESH SARJERAO	1	1	1	1	1	1	3	3	0	6	0	5	11	2	18
PRN 51631520181119110016	DAKAVE ARHIT SARJERAO	1	1	1	1	1	1	2	0	3	0	3	4	2	8	14
PRN 51631520181119110017	JADHAV VIKRAM MOHAN	1	1	1	1	1	1	3	0	2	4	0	5	6	4	15
PRN 51631520181119110018	PATIL RAVIRAJ DINKAR	1	1	1	1	1	1	2	3	0	0	4	4	5	6	15
PRN 51631520181119110019	AKSHAY MARUTI KAMBLE	1	1	1	1	1	1	2	3	0	5	0	4	10	2	16
PRN 51631520181119110020	KEDAR SARJERAO MORE	1	1	1	1	1	1	0	2	3	4	0	2	8	5	15
PRN 51631520181119110023	YADAV SALURABH JAYSING	1	1	1	1	1	1	3	2	0	0	5	5	4	7	16
PRN 51631520181119110024	PATIL AKASH SAMBHAJI	1	1	1	1	1	1	0	2	3	0	3	2	4	8	14
PRN 51631520181119110026	DESAI MUSKAN SHAKIL	1	1	1	1	1	1	2	0	0	0	0	4	2	2	8
PRN 51631520181119110027	PATIL PRATAP SINGH RAJENDRA	1	1	1	1	1	1	0	2	2	3	0	2	7	4	13
PRN 51631520181119110028	GAVANDI NEHA RAHUL	1	1	1	1	1	1	3	3	0	0	6	5	5	8	18
PRN 51631520181119110030	HULLE SHREYA SUNIL	1	1	1	1	1	1	0	3	3	5	0	2	10	5	17
PRN 51631520181119110031	KUMBHAR DHIRAJ DHONDIRAM	1	1	1	1	1	1	3	0	2	4	0	5	6	4	15
PRN 51631520181119110032	KONDE ROHAN TANAJI	1	1	1	1	1	1	0	2	2	0	5	2	4	9	15
PRN 51631520181119110041	PAWAR SHUBHAM RAJENDRA	1	1	1	1	1	1	3	2	0	0	5	5	4	7	16
PRN 51631520181119110042	DESAI RUSHIKESH PRAKASH	1	1	1	1	1	1	0	3	3	5	0	2	10	5	17
PRN 51631520181119110057	KSHITIJ KRISHNAT POWAR	1	1	1	1	1	1	2	0	3	0	4	4	2	9	15
PRN 51631520181119110058	ROHAN BAJIRAO VARPE	1	1	1	1	1	1	1	2	0	0	0	3	4	2	9
PRN 51631520181119110072	RAOBANE RUTUJAJ ASHOK	1	1	1	1	1	1	3	0	3	5	0	5	7	5	17
PRN 51631520181119110073	MAHIND DHIRAJ VIKAS	1	1	1	1	1	1	0	2	3	0	3	2	4	8	14
PRN 51631520181119111001	KADAM SHUBHAM KESHAV	1	1	1	1	1	1	3	3	0	5	0	5	10	2	17
PRN 51631520181119111002	KADAM NILESH BHIMRAO	1	1	1	1	1	1	0	3	3	0	5	2	5	10	17
PRN 51631520181160210034	DHAKANE RAHUL BANDU	1	1	1	1	1	1	3	2	0	5	0	5	9	2	16

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Sub: Infrastructure Engg 2021-22  
Continous Assessment I (CA-I)

R.No.	Enrollment Number	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Total	
			1	1	1	1	1	1	1	1	1	1	1	10
			COI	COI	COI	COI	COI	COI	COI	COI	COI	COI	COI	COI
1	PRN 1963151191002	GURAV SOURABH HINDURAO	1	1	1	1	1	1	1	1	1	1	10	
2	PRN 1963151191003	SHINDE AKSHAY MAHADEV	1	1	1	1	1	1	1	1	1	1	10	
3	PRN 1963151191004	JAGDALE SWAROOP SACHIN	1	1	1	0	1	1	0	1	1	1	8	
4	PRN 1963151191005	RAJVARDHAN DHANANJAY JADHAV	1	1	1	1	0	1	1	1	1	1	9	
5	PRN 1963151191009	PATIL SURAJ SANJAY	1	1	1	1	1	1	1	1	1	1	10	
6	PRN 1963151191010	PATIL DIGVIJAY MANOHAR	1	1	1	0	1	1	1	0	1	1	8	
7	PRN 1963151191021	GOTAL MANOJ ANANDA	1	1	1	1	1	1	1	1	1	1	10	
8	PRN 1963151191023	KALANTRE SWAPNIL MAHADEV	1	1	1	1	1	1	1	1	1	1	10	
9	PRN 1963151191026	KOPARDE ANIKET ARJUN	1	1	1	1	1	1	1	1	1	1	10	
10	PRN 1963151191027	AKSHAY ANIL SHINGADE	1	1	1	1	1	1	1	1	1	1	10	
11	PRN 1963151191028	BHOSALE PANKAJ VISHWJEET	1	0	1	1	1	1	1	0	1	1	8	
12	PRN 1963151191029	SHAikh HUIAIFA DINMOHAMMAD	1	1	1	1	1	1	1	1	0	1	9	
13	PRN 1963151191030	SHIVANI UTTAM LATWADE	0	1	0	1	1	1	1	1	1	1	8	
14	PRN 1963151191032	MAJGAONKAR MASIRA NAZIM	1	1	1	0	1	1	1	1	1	1	9	
15	PRN 1963151191037	PATIL HARSHAVARDHAN VISHWASRAO	1	1	1	1	1	1	1	1	1	1	10	
16	PRN 1963151191039	BHALKAR AKASH ANANT	1	1	1	1	1	1	1	1	0	1	9	
17	PRN 1963151191041	GADGADE ROHAN ASHOK	1	1	1	1	1	1	1	1	1	1	10	
18	PRN 1963151191042	KHADE PRATHAMESH SHRIKANT	1	1	1	1	1	0	1	1	1	1	9	
19	PRN 1963151191043	KURNE SHUBHAM AVDHOOT	1	1	1	1	1	1	1	1	1	1	10	
20	PRN 1963151191044	PATIL PRATHMESH TANAJI	1	1	1	1	1	1	1	1	1	1	10	
21	PRN 1963151191045	GHATAGE TEJASHREE VIJAYSINH	1	1	1	1	1	1	1	1	1	1	10	
22	PRN 1963151191047	MOHE SUDHIR SANJAY	1	1	1	1	1	1	1	1	1	1	10	
23	PRN 1963151191054	POWAR ONKAR ARUN	1	1	1	1	1	1	1	1	1	1	10	
24	PRN 1963151191058	CHOUGALE PRAJKATA PRAKASH	1	1	1	1	1	1	1	1	1	1	10	
25	PRN 1963151191059	SARNOBAT SNEHA UTTAM	1	1	1	1	0	1	1	1	1	1	9	
26	PRN 1963151191060	BHALEKAR MOHAN MARUTI	1	1	1	1	1	1	1	1	1	1	10	
27	PRN 1963151191063	HAROLE AKASH VIDYADHAR	1	1	1	1	1	1	1	1	1	1	10	
28	PRN 1963151191064	AVADHUT SHANKAR JADHAV	1	1	1	1	1	1	0	1	1	1	9	
29	PRN 1963151191067	RAHUL MADHUKAR BHOSALE	1	1	1	1	0	1	1	1	1	1	9	
30	PRN 2063151191002	KUMBHAR ONKAR SARJERAO	1	0	1	0	1	0	1	0	1	1	6	
31	PRN 2063151191003	JADHAV AJINKYA ASHOK	1	1	1	1	1	1	1	1	1	0	9	
32	PRN 2063151191011	ADHAV SHIVRAJ ARJUNRAO	1	1	1	1	1	1	1	1	1	1	10	
33	PRN 2063151191016	KAMBLE GURUDAS MARUTI	1	1	1	1	1	1	1	1	1	1	10	
34	PRN 2063151191017	KAMBLE ANIKET DEEPAK	1	1	1	1	1	1	0	1	0	1	8	
35	PRN 51631520172119110014	YADAV YASH SATISH	1	1	1	1	1	1	1	1	1	1	10	
36	PRN 51631520172119110032	PATIL PRAJWAL UDAY	1	1	0	1	1	1	1	1	1	1	9	

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37	PRN-51631520181119110001	CHOPA DE ANUSHKA AJIT	1	1	1	1	1	1	1	1	1	1	1	10
38	PRN-51631520181119110002	DAREKAR KETAK SUBHASH	1	1	1	1	1	1	1	1	1	1	1	10
39	PRN-51631520181119110003	CHAVAN PRANAV PRAKASH	1	1	1	1	1	1	1	1	1	1	1	10
40	PRN-51631520181119110004	AYAREKAR RUTURAJ SHASHIKANT	1	1	1	1	1	1	1	1	1	1	1	10
41	PRN-51631520181119110005	PATIL OMKAR ASHOK	0	1	0	1	0	1	0	1	0	1	1	10
42	PRN-51631520181119110006	SUTAR DIPAK RAVINDRA	1	1	1	1	1	1	1	1	0	1	1	5
43	PRN-51631520181119110007	SANGAR ONKAR NANDKUMAR	1	1	1	1	1	1	1	1	1	1	1	10
44	PRN-51631520181119110008	GHAGARE TEJAS KRUSHNAT	1	1	1	1	1	0	1	1	1	1	1	10
45	PRN-51631520181119110009	JOUNDAL SAURABH DILIP	1	1	1	1	1	1	1	1	1	1	1	9
46	PRN-51631520181119110010	GAVALI SANKET KONDHIRAM	1	1	1	1	1	1	1	1	1	1	1	10
47	PRN-51631520181119110011	KAMBLE RUTURAJ RAMCHANDRA	1	1	1	1	1	1	1	1	1	1	1	10
48	PRN-51631520181119110012	LAMBE ASHWINI ANIL	1	1	1	1	1	1	1	1	1	1	1	10
49	PRN-51631520181119110013	PATIL SANTOSH SHIRISH	1	1	1	1	1	1	1	0	1	1	1	9
50	PRN-51631520181119110014	TEJAS SANJAY MOLE	1	1	1	1	1	1	1	1	1	1	1	10
51	PRN-51631520181119110015	PATIL GANESH SARJERAO	1	1	1	1	1	1	1	1	1	1	1	10
52	PRN-51631520181119110016	DAKAVE ABHUIT SARJERAO	1	1	1	1	1	1	0	1	0	1	1	8
53	PRN-51631520181119110017	JADHAV VIKRAM MOHAN	1	1	1	1	0	1	1	1	1	1	1	9
54	PRN-51631520181119110018	PATIL RAVIRAJ DINKAR	1	1	0	1	1	0	1	1	1	1	1	8
55	PRN-51631520181119110019	AKSHAY MARUTI KAMBLE	1	1	1	1	1	1	1	1	1	1	1	10
56	PRN-51631520181119110020	KEDAR SARJERAO MORE	1	1	1	0	1	1	1	1	1	1	1	9
57	PRN-51631520181119110023	YADAV SAURABH JAYSING	1	1	1	1	1	1	1	1	1	1	1	10
58	PRN-51631520181119110024	PATIL AKASH SAMBHAJI	1	1	1	1	1	1	1	1	1	1	1	10
59	PRN-51631520181119110026	DESAI MUSKAN SHAKIL	1	0	1	1	1	1	1	0	1	1	1	8
60	PRN-51631520181119110027	PATIL PRATAP SINGH RAJENDRA	1	1	1	1	0	1	1	1	1	1	1	9
61	PRN-51631520181119110028	GAVANDI NEHA RAHUL	1	1	1	1	1	1	1	1	1	1	1	10
62	PRN-51631520181119110030	HULLE SHREYA SUNIL	1	1	1	1	1	1	1	1	1	1	1	10
63	PRN-51631520181119110031	KUMBHAR DHIRAJ DHONDIRAM	1	1	1	1	1	1	0	1	1	0	1	8
64	PRN-51631520181119110032	KONDE ROHAN TANAJI	1	1	1	1	1	1	1	1	1	1	1	10
65	PRN-51631520181119110041	PAWAR SHUBHAM RAJENDRA	0	1	1	1	1	1	1	1	1	1	1	9
66	PRN-51631520181119110042	DESAI RUSHIKESH PRAKASH	1	1	1	1	1	1	1	1	1	1	1	10
67	PRN-51631520181119110057	KSHITIJ KRISHNAT POWAR	1	1	1	1	1	1	1	0	1	1	1	9
68	PRN-51631520181119110058	ROHAN BAJIRAO VARPE	1	1	1	1	1	1	1	1	1	1	0	9
69	PRN-51631520181119110072	RAORANE RUTUJA ASHOK	1	1	1	1	1	1	1	1	1	1	1	10
70	PRN-51631520181119110073	MAHIND DHIRAJ VIKAS	1	1	1	1	1	1	1	1	1	1	1	10
71	PRN-51631520181119111001	KADAM SHUBHAM KESHAV	1	1	1	1	1	1	1	1	1	1	1	10
72	PRN-51631520181119111002	KADAM NILESH BHIMRAO	1	1	1	1	1	1	1	1	1	1	1	10
73	PRN-51631520181160210034	DHAKANE RAHUL BANDU	1	1	1	1	1	1	1	1	1	1	1	10

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Specimen for mapping and attainment:

Course outcomes	Program Specific Outcomes		
	PSO1	PSO2	PSO3
BTCVC303.1	3	0	2
BTCVC303.2	3	0	2
BTCVC303.3	3	0	3
BTCVC303.4	3	0	3
BTCVC303.5	3	0	3
BTCVC303.6	3	0	3
Average	3	0	2.67

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### Cos - Pos - PSOs Matrix for Hydraulics I

Course outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
BTCVC303.1	3	3	2	2	1	0	0	0	0	0	0	1	3	0	2
BTCVC303.2	3	3	1	1	1	0	0	0	0	0	0	1	3	0	2
BTCVC303.3	3	3	1	1	1	0	0	0	0	0	0	1	3	0	3
BTCVC303.4	3	3	0	0	0	0	0	0	0	0	0	1	3	0	3
BTCVC303.5	3	3	0	0	0	0	0	0	0	0	0	1	3	0	3
BTCVC303.6	3	3	0	0	0	0	0	0	0	0	0	1	3	0	3
<b>Average</b>	<b>3</b>	<b>3</b>	<b>1.33</b>	<b>1.33</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>2.67</b>

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**COURSE EXIT SURVEY - Marks for Hydraulics I**

Enrollment Number	Name of Student	Course Exit Survey Attainment (Marks)						Total	%
		2	2	2	2	2	2		
		BTCVC303.1	BTCVC303.2	BTCVC303.3	BTCVC303.4	BTCVC303.5	BTCVC303.6		
PRN:1963151191014	SHINDE SAMIKSHA SUHAS	2	2	2	2	2	2	12	100.00
PRN:1963151191016	GAVADE RUTUJA JALINDAR	2	2	1	1	2	1.5	9.5	79.17
PRN:1963151191017	SHINDE SHUBHAM JYOTI	1	2	1.5	1.5	2	1	9	75.00
PRN:1963151191018	KAMBLE PRATIK SANJAY	2	2	2	2	2	2	12	100.00
PRN:1963151191019	BHOSALE KEVAL MADHUKAR	2	2	1	1.5	1	2	9.5	79.17
PRN:1963151191020	JADHAV AMOL PRAMOD	1	1	1	1.5	1	1	6.5	54.17
PRN:1963151191035	PATIL RAJWARDHAN VIJAY	2	2	1.5	1.5	2	1.5	10.5	87.50
PRN:1963151191036	MANE VIRAJ VISHNU	2	2	1.5	1.5	2	1.5	10.5	87.50
PRN:1963151191049	SAWANT PRUTHIVIRAJ SAMBHAJI	1.5	1.5	2	2	1	1	9	75.00
PRN:1963151191050	ADLINGE NAMRATA BUDDHIWAN	2	2	2	2	2	2	12	100.00
PRN:1963151191051	LOHAR ANIKET PRAKASH	2	2	2	2	2	2	12	100.00
PRN:1963151191052	PATIL NIKHIL ANANDA	2	2	1	1.5	1	2	9.5	79.17
PRN:1963151191053	SAVEKAR PRUTHIVIRAJ LAXMAN	1	1	1	1.5	1	1	6.5	54.17
PRN:1963151191057	GAIKWAD ROHIT TANAJI	2	2	1.5	1.5	2	1.5	10.5	87.50
PRN:1963151191061	NIKAM VAISHNAV VISHWAS	1.5	1.5	2	2	1	1	9	75.00
PRN:1963151191062	BURAN SANKET SHIVAJI	2	2	1	1	2	1.5	9.5	79.17
PRN:1963151191066	PUSHAKRAJ SUBHASH PATIL	1	2	1.5	1.5	2	1	9	75.00
PRN:2063151191026	KAMBLE PRAFUL ABBAS	2	2	2	2	1.5	1.5	11	91.67
PRN:2063151191027	JADHAV ANIKET TANAJI	1	1	1.5	1	1.5	1	7	58.33
PRN:2063151191028	HUJARE HRITIK MANOJ	2	2	1	1	2	1.5	9.5	79.17
PRN:2063151191030	SARNOBART SATYAJEET UTTAM	1	2	1.5	1.5	2	1	9	75.00
PRN:2063151191031	PATIL OMKAR SUBHASH	2	2	2	2	2	2	12	100.00
PRN:2063151191032	SAWANT OMKAR CHANDRAKANT	2	2	1	1.5	1	2	9.5	79.17
PRN:2063151191033	NALE SHIVAM PRADIP	1	1	1	1.5	1	1	6.5	54.17
PRN:2063151191034	WAGHMARE ABHISHEK SUHAS	2	2	1.5	1.5	2	1.5	10.5	87.50
PRN:2063151191035	KHOT KAUSTUBH BHALCHANDRA	1.5	1.5	2	2	1	1	9	75.00
PRN:2063151191036	MOHITE ONKAR DHANANJAY	2	2	1	1	2	1.5	9.5	79.17
PRN:2063151191037	SIDDHESH ADESH SURVE	1	2	1.5	1.5	2	1	9	75.00
PRN:2063151191038	PAREES KISHOR PATIL	2	2	2	2	1.5	1.5	11	91.67
PRN:2063151191039	SAYALI SHIVAJI TAMBAVEKAR	1	1	1.5	1	1.5	1	7	58.33
PRN:2063151191040	TAHSILDAR AFTAB RAFIK	2	1	1.5	1.5	1	1	8	66.67
PRN:2063151191041	SALOKHE SIDDHESH SUHAS	2	2	2	2	2	2	12	100.00
PRN:2063151191042	PRATHMESH PRATAP JAPTANMULKHI	2	2	1	1.5	1	2	9.5	79.17
PRN:2063151191043	GHADYALE PRATISKHA BALASO	1	1	1	1.5	1	1	6.5	54.17
PRN:2063151191044	CHOUGULE SUMIT SUNIL	2	2	1.5	1.5	2	1.5	10.5	87.50
PRN:2063151191045	HINGMIRE APEKSHA AMBADAS	2	1	1.5	1.5	1	1	8	66.67
PRN:2063151191046	SUGANDHI YUVARAJ ASHWIN	2	2	2	2	2	2	12	100.00
PRN:2063151191047	PATIL ABHISHEK TANAJI	2	2	1	1.5	1	2	9.5	79.17
PRN:2063151191048	PAKHARE OMKAR TUKARAM	1	1	1	1.5	1	1	6.5	54.17
PRN:2063151191049	SOURABH SHIRISHKUMAR MALGAONKAR	2	2	1	1	2	1.5	9.5	79.17
PRN:2063151191050	PATIL VIVEK VIJAY	1	2	1.5	1.5	2	1	9	75.00
PRN:2063151191052	POWAR VISHAL TUKARAM	2	2	2	2	1.5	1.5	11	91.67
PRN:2063151191053	KAMBLE PRAMOD PRADIP	1	1	1.5	1	1.5	1	7	58.33
PRN:2063151191054	GOJARE VAIBHAV ANNASO	2	1	1.5	1.5	1	1	8	66.67

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Somwar Peth, Panhala - 416 201

PRN:2063151191055	NAIK SHUBHAM SUBHASH	2	2	1.5	1.5	2	1	10	83.33
PRN:2063151191056	PATIL SWAPNIL DHONDIRAM	2	1	2	1	1	2	9	75.00
PRN:2063151191057	SHINDE SAROJ PANDIT	2	2	2	2	2	1.5	11.5	95.83
PRN:2063151191058	MALI SHUBHAM NANDKUMAR	1	1	1	1	1	1	6	50.00
PRN:2063151191059	SAYED UZAIR FAIAAZ	1.5	2	2	2	1	1.5	10	83.33
PRN:2063151191060	BOGARE DATTATRAY VILAS	2	2	2	2	2	1.5	11.5	95.83
PRN:2063151191061	MARALKAR VIVEK SUBHASHI	2	2	2	2	2	1.5	11.5	95.83
PRN:2063151191062	CHAVAN BHUSHAN UMESHI	1	1	1	2	1	1.5	7.5	62.50
PRN:2063151191064	OMKAR SUDAM PATIL	2	2	2	2	2	2	12	100.00
PRN:2063151191065	PATIL SWARUP PRADHAN	2	1	2	1	1	2	9	75.00
PRN:2063151191066	PATIL SWAPNIL SANJAY	2	2	2	2	2	1.5	11.5	95.83
PRN:2063151191067	PATIL PRATHAMESH SANJAY	1	1	1	1	1	1	6	50.00
PRN:2063151191069	SHUBHAM MADHUKAR SAWANT	1.5	2	2	2	1	1.5	10	83.33
PRN:51631520181119110074	JADHAV RUSHIKESH SHAHAJI	2	2	2	2	1	2	11	91.67
Total		97.5	98.5	89.5	92	89	84	550.5	4587.5
Average	02/02/02/02/02/02/12/100	1.68	1.70	1.54	1.59	1.53	1.45	9.49	79.09

No. of Student score more than 50% of marks is 58 out of 58 i.e. 100%

Attainment Level: 100 % students achieved marks greater than 50%, thus the attainment level is 3

(D.V. Patil)  
Subject Incharge,

HOD  
Civil Engineering  
Sanjeevan Engg. & Tech. Institute  
Somwar Peth, Panhala (416 201)



*(Signature)*  
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Sanjeevan Engg. & Tech. Institute  
Somwar Peth, Panhala - 416 201

CO Assesment Matrix for Hydraulics I						
Course Outcomes	Direct Assesment				Indirect Assesment	
	CA - 1	MSE	CA - 2	Final Exam	Course Exit Survey	Total
BTCVC303.1	5			60	2	67
BTCVC303.2	5				2	67
BTCVC303.3		10			2	72
BTCVC303.4		10			2	72
BTCVC303.5			5		2	67
BTCVC303.6			5		2	67
Total	10	20	10	60	12	

*(Signature)*  
 / Dr. P. H. J.  
 Subject Incharge

*(Signature)*  
 HOD  
 Civil Engineering  
 Sanjeevan Engineering & Technology Institute  
 Somwar Peth, Kolhapur, Maharashtra - 415 201

Signature Not Verified  
 Digitally Signed By  
 SANJEEV NATVAR JAIN  
 O-SANJEEVAN ENGINEERING &

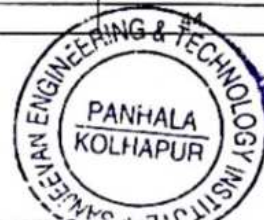


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 Somwar Peth, Kolhapur, Maharashtra (MS)

Final Exam Marks for Hydraulics I			
Enrollment Number	Name of Student	Marks Out of 60	%
PRN:1963151191014	SHINDE SAMIKSHA SUHAS	36	60.00
PRN:1963151191016	GAVADE RUTUJA JALINDAR	38	63.33
PRN:1963151191017	SHINDE SHUBHAM JYOTI	36	60.00
PRN:1963151191018	KAMBLE PRATIK SANJAY	50	83.33
PRN:1963151191019	BHOSALE KEVAL MADHUKAR	35	58.33
PRN:1963151191020	JADHAV AMOL PRAMOD	48	80.00
PRN:1963151191035	PATIL RAJVARDHAN VIJAY	44	73.33
PRN:1963151191036	MANE VIRAJ VISHNU	30	50.00
PRN:1963151191049	SAWANT PRUTHVIRAJ SAMBHAJI	54	90.00
PRN:1963151191050	ADLINGE NAMRATA BUDDHIWAN	29	48.33
PRN:1963151191051	LOHAR ANIKET PRAKASH	38	63.33
PRN:1963151191052	PATIL NIKHIL ANANDA	32	53.33
PRN:1963151191053	SAVEKAR PRUTHVIRAJ LAXMAN	44	73.33
PRN:1963151191057	GAIKWAD ROHIT TANAJI	24	40.00
PRN:1963151191061	NIKAM VAISHNAV VISHWAS	33	55.00
PRN:1963151191062	BURAN SANKET SHIVAJI	41	68.33
PRN:1963151191066	PUSHAKRAJ SUBHASH PATIL	36	60.00
PRN:2063151191026	KAMBLE PRAFULL ABBAS	51	85.00
PRN:2063151191027	JADHAV ANIKET TANAJI	60	100.00
PRN:2063151191028	HUJARE HRITIK MANOJ	53	88.33
PRN:2063151191030	SARNOBART SATYAJEET UTTAM	60	100.00
PRN:2063151191031	PATIL OMKAR SUBHASH	53	88.33
PRN:2063151191032	SAWANT OMKAR CHANDRAKANT	48	80.00
PRN:2063151191033	NALE SHIVAM PRADIP	60	100.00
PRN:2063151191034	WAGHMARE ABHISHEK SUHAS	57	95.00
PRN:2063151191035	KHOT KAUSTUBH BHALCHANDRA	57	95.00
PRN:2063151191036	MOHITE ONKAR DHANANJAY	50	83.33
PRN:2063151191037	SIDDHESH ADESH SURVE	57	95.00
PRN:2063151191038	PAREES KISHOR PATIL	50	83.33
PRN:2063151191039	SAYALI SHIVAJI TAMBAVEKAR	53	88.33
PRN:2063151191040	TAHSILDAR AFTAB RAFIK	44	73.33
PRN:2063151191041	SALOKHE SIDDHESH SUHAS	59	98.33
PRN:2063151191042	PRATHMESH PRATAP JAPTANMULUKH	32	53.33
PRN:2063151191043	GHADYALE PRATISKHA BALASO	44	73.33

*D.V. Patil*  
Subjed Incharge

Sanjeevan Engg. & Tech. Institute  
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PRN:2063151191044	CHOUGULE SUMIT SUNIL	57	95.00
PRN:2063151191045	HINGMIRE APEKSHA AMBADAS	41	68.33
PRN:2063151191046	SUGANDHI YUVARAJ ASHWIN	51	85.00
PRN:2063151191047	PATIL ABHISHEK TANAJI	56	93.33
PRN:2063151191048	PAKHARE OMKAR TUKARAM	60	100.00
PRN:2063151191049	SOURABH SHIRISHKUMAR MALGAONKAR	41	68.33
PRN:2063151191050	PATIL VIVEK VIJAY	48	80.00
PRN:2063151191052	POWAR VISHAL TUKARAM	47	78.33
PRN:2063151191053	KAMBLE PRAMOD PRADIP	60	100.00
PRN:2063151191054	GOJARE VAIBHAV ANNASO	60	100.00
PRN:2063151191055	NAIK SHUBHAM SUBHASH	36	60.00
PRN:2063151191056	PATIL SWAPNIL DHONDIRAM	57	95.00
PRN:2063151191057	SHINDE SAROJ PANDIT	48	80.00
PRN:2063151191058	MALI SHUBHAM NANDKUMAR	60	100.00
PRN:2063151191059	SAYED UZAIR FAIAAZ	60	100.00
PRN:2063151191060	BOGARE DATTATRAY VILAS	47	78.33
PRN:2063151191061	MARALKAR VIVEK SUBHASH	42	70.00
PRN:2063151191062	CHAVAN BHUSHAN UMESH	30	50.00
PRN:2063151191064	OMKAR SUDAM PATIL	48	80.00
PRN:2063151191065	PATIL SWARUP PRADHAN	53	88.33
PRN:2063151191066	PATIL SWAPNIL SANJAY	20	33.33
PRN:2063151191067	PATIL PRATHAMESH SANJAY	47	78.33
PRN:2063151191069	SHUBHAM MADHUKAR SAWANT	47	78.33
PRN:51631520181119110074	JADHAV RUSHIKESH SHAHAJI	50	83.33
Total		2702	
Average	60	46.59	

No. of Student score more than 40% of marks is 57 out of 58 i.e. 98.27 %

Attainment Level: 98.27 % students achieved marks greater than 40%, thus the attainment level is below . i.e.3

  
D.V. Pehl,  
Subject Incharge,

  
HOD  
Civil Engg.  
Sanjeevan Engg. & Tech. Institute  
Somwar Peth, Panhala, Dist. Kolhapur (416 201)



  
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Somwar Peth, Panhala - 416 201



**Subject : Hydraulics I**

**Continous Assesment I**

Enrollment Number	Name of Student	CA - I Attainment Marks						Total Marks out of 10	%
		5	5	0	0	0	0		
		CO1	CO2	CO3	CO4	CO5	CO6		
PRN:1963151191014	SHINDE SAMIKSHA SUHAS	5	5	0	0	0	0	10	100
PRN:1963151191016	GAVADE RUTUJA JALINDAR	5	5	0	0	0	0	10	100
PRN:1963151191017	SHINDE SHUBHAM JYOTI	5	4	0	0	0	0	9	90
PRN:1963151191018	KAMBLE PRATIK SANJAY	5	5	0	0	0	0	10	100
PRN:1963151191019	BHOSALE KEVAL MADHUKAR	5	5	0	0	0	0	10	100
PRN:1963151191020	JADHAV AMOL PRAMOD	5	5	0	0	0	0	10	100
PRN:1963151191035	PATIL RAJWARDHAN VIJAY	5	5	0	0	0	0	10	100
PRN:1963151191036	MANE VIRAJ VISHNU	5	5	0	0	0	0	10	100
PRN:1963151191049	SAWANT PRUTHVIRAJ SAMBHAJI	5	5	0	0	0	0	10	100
PRN:1963151191050	ADLINGE NAMRATA BUDDHIWAN	5	5	0	0	0	0	10	100
PRN:1963151191051	LOHAR ANIKET PRAKASH	5	5	0	0	0	0	10	100
PRN:1963151191052	PATIL NIKHIL ANANDA	5	5	0	0	0	0	10	100
PRN:1963151191053	SAVEKAR PRUTHVIRAJ LAXMAN	5	5	0	0	0	0	10	100
PRN:1963151191057	GAIKWAD ROHIT TANAJI	4	4	0	0	0	0	8	80
PRN:1963151191061	NIKAM VAISHNAV VISHWAS	5	5	0	0	0	0	10	100
PRN:1963151191062	BURAN SANKET SHIVAJI	5	5	0	0	0	0	10	100
PRN:1963151191066	PUSHAKRAJ SUBHASH PATIL	5	5	0	0	0	0	10	100
PRN:2063151191026	KAMBLE PRAFULL ABBAS	5	5	0	0	0	0	10	100
PRN:2063151191027	JADHAV ANIKET TANAJI	5	5	0	0	0	0	10	100
PRN:2063151191028	HUJARE HRITIK MANOJ	2	1	0	0	0	0	3	30
PRN:2063151191030	SARNOBART SATYAJEET UTTAM	4	5	0	0	0	0	9	90
PRN:2063151191031	PATIL OMKAR SUBHASH	5	5	0	0	0	0	10	100
PRN:2063151191032	SAWANT OMKAR CHANDRAKANT	5	5	0	0	0	0	10	100
PRN:2063151191033	NALE SHIVAM PRADIP	5	5	0	0	0	0	10	100
PRN:2063151191034	WAGHMARE ABHISHEK SUHAS	5	5	0	0	0	0	10	100
PRN:2063151191035	KHOT KAUSTUBH BHALCHANDRA	5	5	0	0	0	0	10	100
PRN:2063151191036	MOHITE ONKAR DHANANJAY	5	5	0	0	0	0	10	100
PRN:2063151191037	SIDDHESH ADESH SURVE	5	5	0	0	0	0	10	100
PRN:2063151191038	PAREES KISHOR PATIL	5	5	0	0	0	0	10	100
PRN:2063151191039	SAYALI SHIVAJI TAMBAVEKAR	5	5	0	0	0	0	10	100

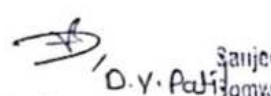
*Dr. P. J. J.*  
Subject Incharge

**HOD**  
Signature Not Verified  
Sanjeevan Engg. & Tech. Institute  
Somwar Peth, Panhala, Dist. Solapur (416 201)

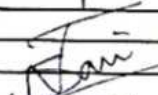


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PRN:2063151191040	TAHSILDAR AFTAB RAFIK	4	3	0	0	0	0	7	70
PRN:2063151191041	SALOKHE SIDDHESH SUHAS	5	5	0	0	0	0	10	100
PRN:2063151191042	PRATHMESH PRATAP JAPTANMULUKH	2	1	0	0	0	0	3	30
PRN:2063151191043	GHADYALE PRATISKHA BALASO	5	5	0	0	0	0	10	100
PRN:2063151191044	CHOUGULE SUMIT SUNIL	5	5	0	0	0	0	10	100
PRN:2063151191045	HINGMIRE APEKSHA AMBADAS	5	5	0	0	0	0	10	100
PRN:2063151191046	SUGANDHI YUVARAJ ASHWIN	5	5	0	0	0	0	10	100
PRN:2063151191047	PATIL ABHISHEK TANAJI	5	5	0	0	0	0	10	100
PRN:2063151191048	PAKHARE OMKAR TUKARAM	4	4	0	0	0	0	8	80
PRN:2063151191049	SOURABH SHIRISHKUMAR MALGAONKAR	5	5	0	0	0	0	10	100
PRN:2063151191050	PATIL VIVEK VIJAY	5	4	0	0	0	0	9	90
PRN:2063151191052	POWAR VISHAL TUKARAM	5	5	0	0	0	0	10	100
PRN:2063151191053	KAMBLE PRAMOD PRADIP	5	5	0	0	0	0	10	100
PRN:2063151191054	GOJARE VAIBHAV ANNASO	5	5	0	0	0	0	10	100
PRN:2063151191055	NAIK SHUBHAM SUBHASH	4	5	0	0	0	0	9	90
PRN:2063151191056	PATIL SWARNIL DHONDIRAM	5	5	0	0	0	0	10	100
PRN:2063151191057	SHINDE SAROJ PANDIT	4	5	0	0	0	0	9	90
PRN:2063151191058	MALI SHUBHAM NANDKUMAR	5	5	0	0	0	0	10	100
PRN:2063151191059	SAYED UZAIR FAIAAZ	4	5	0	0	0	0	9	90
PRN:2063151191060	BOGARE DATTATRAY VILAS	4	4	0	0	0	0	8	80
PRN:2063151191061	MARALKAR VIVEK SUBHASH	5	5	0	0	0	0	10	100
PRN:2063151191062	CHAVAN BHUSHAN UMESH	5	4	0	0	0	0	9	90
PRN:2063151191064	OMKAR SUDAM PATIL	5	5	0	0	0	0	10	100
PRN:2063151191065	PATIL SWARUP PRADHAN	5	5	0	0	0	0	10	100
PRN:2063151191066	PATIL SWARNIL SANJAY	5	5	0	0	0	0	10	100
PRN:2063151191067	PATIL PRATHAMESH SANJAY	5	5	0	0	0	0	10	100
PRN:2063151191069	SHUBHAM MADHUKAR SAWANT	5	5	0	0	0	0	10	100
PRN:51631520181119110074	JADHAV RUSHIKESH SHAHAJI	5	4	0	0	0	0	9	90
<b>Total</b>		<b>276</b>	<b>273</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>549</b>	<b>5490</b>
<b>Average</b>	<b>05/05/0/0/0/0/10/100</b>	<b>4.76</b>	<b>4.71</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>9.47</b>	<b>94.66</b>
No. of Student score more than 50% of marks is 56 out of 58 i.e. 96.55 %									
<b>Attainment Level: 96.55 % students achieved marks greater than 50%, thus the attainment level is 3</b>									

  
 D. V. Patil  
 Subject Incharge,  
 HOD  
 Civil Engineering  
 Sanjeevan Engineering & Technology Institute  
 Somwar Peth, Panhala, Dist. Kolhapur. 416 201



  
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 Sanjeevan Engg. & Tech. Institute  
 Somwar Peth, Panhala - 416 201

**Subject : Hydraulics I**

**Mid Semester Examination**

Enrollment Number	Name of Student	MSE Attainment Marks						Total Marks out of 20	%
		0	0	10	10	0	0		
		CO1	CO2	CO3	CO4	CO5	CO6		
PRN:1963151191014	SHINDE SAMIKSHA SUHAS	0	0	10	10	0	0	20	100
PRN:1963151191016	GAVADE RUTUJA JALINDAR	0	0	10	8	0	0	18	90
PRN:1963151191017	SHINDE SHUBHAM JYOTI	0	0	10	9	0	0	19	95
PRN:1963151191018	KAMBLE PRATIK SANJAY	0	0	10	9	0	0	19	95
PRN:1963151191019	BHOSALE KEVAL MADHUKAR	0	0	10	9	0	0	19	95
PRN:1963151191020	JADHAV AMOL PRAMOD	0	0	10	9	0	0	19	95
PRN:1963151191035	PATIL RAJWARDHAN VIJAY	0	0	10	9	0	0	19	95
PRN:1963151191036	MANE VIRAJ VISHNU	0	0	10	8	0	0	18	90
PRN:1963151191049	SAWANT PRUTHVIRAJ SAMBHAJI	0	0	10	9	0	0	19	95
PRN:1963151191050	ADLINGE NAMRATA BUDDHIWAN	0	0	10	9	0	0	19	95
PRN:1963151191051	LOHAR ANIKET PRAKASH	0	0	10	9	0	0	19	95
PRN:1963151191052	PATIL NIKHIL ANANDA	0	0	10	9	0	0	19	95
PRN:1963151191053	SAVEKAR PRUTHVIRAJ LAXMAN	0	0	10	9	0	0	19	95
PRN:1963151191057	GAIKWAD ROHIT TANAJI	0	0	10	9	0	0	19	95
PRN:1963151191061	NIKAM VAISHNAV VISHWAS	0	0	10	9	0	0	19	95
PRN:1963151191062	BURAN SANKET SHIVAJI	0	0	6	9	0	0	15	75
PRN:1963151191066	PUSHAKRAJ SUBHASH PATIL	0	0	6	9	0	0	15	75
PRN:2063151191026	KAMBLE PRAFULL ABBAS	0	0	6	10	0	0	16	80
PRN:2063151191027	JADHAV ANIKET TANAJI	0	0	8	10	0	0	18	90
PRN:2063151191028	HUJARE HRITIK MANOJ	0	0	4	2	0	0	6	30
PRN:2063151191030	SARNOBART SATYAJEET UTTAM	0	0	4	10	0	0	14	70
PRN:2063151191031	PATIL OMKAR SUBHASH	0	0	6	10	0	0	16	80
PRN:2063151191032	SAWANT OMKAR CHANDRAKANT	0	0	6	10	0	0	16	80
PRN:2063151191033	NALE SHIVAM PRADIP	0	0	8	10	0	0	18	90
PRN:2063151191034	WAGHMARE ABHISHEK SUHAS	0	0	8	10	0	0	18	90
PRN:2063151191035	KHOT KAUSTUBH BHALCHANDRA	0	0	8	10	0	0	18	90
PRN:2063151191036	MOHITE ONKAR DHANANJAY	0	0	8	10	0	0	18	90
PRN:2063151191037	SIDDHESH ADESH SURVE	0	0	8	10	0	0	18	90
PRN:2063151191038	PAREES KISHOR PATIL	0	0	8	10	0	0	18	90
PRN:2063151191039	SAYALI SHIVAJI TAMBAVEKAR	0	0	6	10	0	0	16	80
PRN:2063151191040	TAHSILDAR AFTAB RAFIK	0	0	4	8	0	0	12	60

*D.V. Patil*  
Subject Incharge

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NATVAR JAIN  
Sanjeevan Engineering & Technology Institute  
Somwar Peth, Panhala, Dist. Kolhapur. (416 201)



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PRN:2063151191041	SALOKHE SIDDHESH SUHAS	0	0	4	8	0	0	12	60
PRN:2063151191042	PRATHMESH PRATAP JAPTANMULUKH	0	0	4	2	0	0	6	30
PRN:2063151191043	GHADYALE PRATISKHA BALASO	0	0	8	10	0	0	18	90
PRN:2063151191044	CHOUGULE SUMIT SUNIL	0	0	6	10	0	0	16	80
PRN:2063151191045	HINGMIRE APEKSHA AMBADAS	0	0	8	10	0	0	18	90
PRN:2063151191046	SUGANDHI YUVARAJ ASHWIN	0	0	8	10	0	0	18	90
PRN:2063151191047	PATIL ABHISHEK TANAJI	0	0	8	10	0	0	18	90
PRN:2063151191048	PAKHARE OMKAR TUKARAM	0	0	8	10	0	0	18	90
PRN:2063151191049	SOURABH SHIRISHKUMAR MALGAONKAR	0	0	8	10	0	0	18	90
PRN:2063151191050	PATIL VIVEK VIJAY	0	0	6	10	0	0	16	80
PRN:2063151191052	POWAR VISHAL TUKARAM	0	0	6	10	0	0	16	80
PRN:2063151191053	KAMBLE PRAMOD PRADIP	0	0	8	10	0	0	18	90
PRN:2063151191054	GOJARE VAIBHAV ANNASO	0	0	8	10	0	0	18	90
PRN:2063151191055	NAIK SHUBHAM SUBHASH	0	0	6	10	0	0	16	80
PRN:2063151191056	PATIL SWAPNIL DHONDIRAM	0	0	8	10	0	0	18	90
PRN:2063151191057	SHINDE SAROJ PANDIT	0	0	8	10	0	0	18	90
PRN:2063151191058	MALI SHUBHAM NANDKUMAR	0	0	8	10	0	0	18	90
PRN:2063151191059	SAYED UZAIR FAIAAZ	0	0	8	10	0	0	18	90
PRN:2063151191060	BOGARE DATTATRAY VILAS	0	0	6	10	0	0	16	80
PRN:2063151191061	MARALKAR VIVEK SUBHASH	0	0	8	10	0	0	18	90
PRN:2063151191062	CHAVAN BHUSHAN UMESH	0	0	8	6	0	0	14	70
PRN:2063151191064	OMKAR SUDAM PATIL	0	0	6	10	0	0	16	80
PRN:2063151191065	PATIL SWARUP PRADHAN	0	0	8	10	0	0	18	90
PRN:2063151191066	PATIL SWAPNIL SANJAY	0	0	8	10	0	0	18	90
PRN:2063151191067	PATIL PRATHAMESH SANJAY	0	0	4	2	0	0	6	30
PRN:2063151191069	SHUBHAM MADHUKAR SAWANT	0	0	6	10	0	0	16	80
PRN:51631520181119110074	JADHAV RUSHIKESH SHAHAJI	0	0	10	9	0	0	19	95
<b>Total</b>		<b>0</b>	<b>0</b>	<b>446</b>	<b>529</b>	<b>0</b>	<b>0</b>	<b>975</b>	<b>4875</b>
<b>Average</b>	<b>00/00/10/10/00/00/20/100</b>	<b>0.00</b>	<b>0.00</b>	<b>7.69</b>	<b>9.12</b>	<b>0.00</b>	<b>0.00</b>	<b>16.81</b>	<b>84.05</b>
No. of Student score more than 50% of marks is 55 out of 58 i.e. 94.83 %									
<b>Attainment Level: 94.83 % students achieved marks greater than 50%, thus the attainment level is 3</b>									

*D.Y. Patil*  
Subject Incharge

*HOD*  
Civil Engineering  
Sanjeevan Engrg. & Tech. Institute  
Somwar Peth, Panhala, Dist. Kolhapur. (M.C.)

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SANJEEV  
NATVAR JAIN  
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SANJEEVAN  
ENGINEERING &



*Am*  
PRINCIPAL  
Sanjeevan Engrg. & Tech. Institute  
Somwar Peth, Panhala, Dist. Kolhapur. (M.C.)

## Subject : Hydraulics I

### Continous Assesment II

Enrollment Number	Name of Student	CA - II Attainment Marks						Total Marks out of 10	%
		0 CO1	0 CO2	0 CO3	0 CO4	5 CO5	5 CO6		
PRN:1963151191014	SHINDE SAMIKSHA SUHAS	0	0	0	0	5	5	10	100
PRN:1963151191016	GAVADE RUTUJA JALINDAR	0	0	0	0	5	5	10	100
PRN:1963151191017	SHINDE SHUBHAM JYOTI	0	0	0	0	5	5	10	100
PRN:1963151191018	KAMBLE PRATIK SANJAY	0	0	0	0	5	5	10	100
PRN:1963151191019	BHOSALE KEVAL MADHUKAR	0	0	0	0	5	5	10	100
PRN:1963151191020	JADHAV AMOL PRAMOD	0	0	0	0	5	5	10	100
PRN:1963151191035	PATIL RAJWARDHAN VIJAY	0	0	0	0	5	4	9	90
PRN:1963151191036	MANE VIRAJ VISHNU	0	0	0	0	5	4	9	90
PRN:1963151191049	SAWANT PRUTHVIRAJ SAMBHAJI	0	0	0	0	5	5	10	100
PRN:1963151191050	ADLINGE NAMRATA BUDDHIWAN	0	0	0	0	5	5	10	100
PRN:1963151191051	LOHAR ANIKET PRAKASH	0	0	0	0	5	5	10	100
PRN:1963151191052	PATIL NIKHIL ANANDA	0	0	0	0	5	5	10	100
PRN:1963151191053	SAVEKAR PRUTHVIRAJ LAXMAN	0	0	0	0	5	5	10	100
PRN:1963151191057	GAIKWAD ROHIT TANAJI	0	0	0	0	5	3	8	80
PRN:1963151191061	NIKAM VAISHNAV VISHWAS	0	0	0	0	5	4	9	90
PRN:1963151191062	BURAN SANKET SHIVAJI	0	0	0	0	3	3	6	60
PRN:1963151191066	PUSHAKRAJ SUBHASH PATIL	0	0	0	0	3	3	6	60
PRN:2063151191026	KAMBLE PRAFULL ABBAS	0	0	0	0	5	5	10	100
PRN:2063151191027	JADHAV ANIKET TANAJI	0	0	0	0	5	5	10	100
PRN:2063151191028	HUJARE HRITIK MANOJ	0	0	0	0	5	5	10	100
PRN:2063151191030	SARNOBART SATYAJEET UTTAM	0	0	0	0	4	5	9	90
PRN:2063151191031	PATIL OMKAR SUBHASH	0	0	0	0	5	5	10	100
PRN:2063151191032	SAWANT OMKAR CHANDRAKANT	0	0	0	0	5	5	10	100
PRN:2063151191033	NALE SHIVAM PRADIP	0	0	0	0	5	5	10	100
PRN:2063151191034	WAGHMARE ABHISHEK SUHAS	0	0	0	0	5	5	10	100
PRN:2063151191035	KHOT KAUSTUBH BHALCHANDRA	0	0	0	0	5	5	10	100
PRN:2063151191036	MOHITE ONKAR DHANANJAY	0	0	0	0	5	5	10	100
PRN:2063151191037	SIDDHESH ADESH SURVE	0	0	0	0	5	5	10	100
PRN:2063151191038	PAREES KISHOR PATIL	0	0	0	0	4	4	8	80
PRN:2063151191039	SAYALI SHIVAJI TAMBAVEKAR	0	0	0	0	5	5	10	100
PRN:2063151191040	TAHSILDAR AFTAB RAFIK	0	0	0	0	3	2	5	50

*D.V. Pahl*  
Subject Incharge

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SANJEEV JAIN  
Sanjeevan Engineering & Technology Institute  
Somwar Peth, Panhala, Dist. Kolhapur. (416 201)



*Principal*  
PRINCIPAL  
Sanjeevan Engg. & Tech. Institute  
Somwar Peth, Panhala - 416 201

PRN:2063151191041	SALOKHE SIDDHESH SUHAS	0	0	0	0	5	4	9	90
PRN:2063151191042	PRATHMESH PRATAP JAPTANMULUKH	0	0	0	0	1	2	3	30
PRN:2063151191043	GHADYALE PRATISKHA BALASO	0	0	0	0	5	5	10	100
PRN:2063151191044	CHOUGULE SUMIT SUNIL	0	0	0	0	5	5	10	100
PRN:2063151191045	HINGMIRE APEKSHA AMBADAS	0	0	0	0	5	4	9	90
PRN:2063151191046	SUGANDHI YUVARAJ ASHWIN	0	0	0	0	5	4	9	90
PRN:2063151191047	PATIL ABHISHEK TANAJI	0	0	0	0	5	5	10	100
PRN:2063151191048	PAKHARE OMKAR TUKARAM	0	0	0	0	5	5	10	100
PRN:2063151191049	SOURABH SHIRISHKUMAR MALGAONKAR	0	0	0	0	5	5	10	100
PRN:2063151191050	PATIL VIVEK VIJAY	0	0	0	0	5	4	9	90
PRN:2063151191052	POWAR VISHAL TUKARAM	0	0	0	0	5	5	10	100
PRN:2063151191053	KAMBLE PRAMOD PRADIP	0	0	0	0	5	5	10	100
PRN:2063151191054	GOJARE VAIBHAV ANNASO	0	0	0	0	5	5	10	100
PRN:2063151191055	NAIK SHUBHAM SUBHASH	0	0	0	0	4	5	9	90
PRN:2063151191056	PATIL SWAPNIL DHONDIRAM	0	0	0	0	5	5	10	100
PRN:2063151191057	SHINDE SAROJ PANDIT	0	0	0	0	5	5	10	100
PRN:2063151191058	MALI SHUBHAM NANDKUMAR	0	0	0	0	5	4	9	90
PRN:2063151191059	SAYED UZAIR FAIAAZ	0	0	0	0	5	5	10	100
PRN:2063151191060	BOGARE DATTATRAY VILAS	0	0	0	0	5	5	10	100
PRN:2063151191061	MARALKAR VIVEK SUBHASH	0	0	0	0	1	2	3	30
PRN:2063151191062	CHAVAN BHUSHAN UMESH	0	0	0	0	5	4	9	90
PRN:2063151191064	OMKAR SUDAM PATIL	0	0	0	0	5	5	10	100
PRN:2063151191065	PATIL SWARUP PRADHAN	0	0	0	0	5	5	10	100
PRN:2063151191066	PATIL SWAPNIL SANJAY	0	0	0	0	4	5	9	90
PRN:2063151191067	PATIL PRATHAMESH SANJAY	0	0	0	0	5	5	10	100
PRN:2063151191069	SHUBHAM MADHUKAR SAWANT	0	0	0	0	5	4	9	90
PRN:51631520181119110074	JADHAV RUSHIKESH SHAHAJI	0	0	0	0	5	4	9	90
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>272</b>	<b>263</b>	<b>535</b>	<b>5350</b>
<b>Average</b>	<b>00/00/00/00/05/05/10/100</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>4.69</b>	<b>4.53</b>	<b>9.22</b>	<b>92.24</b>
No. of Student score more than 50% of marks is 56 out of 58 i.e. 96.55 %									
<b>Attainment Level: 96.55 % students achieved marks greater than 50%, thus the attainment level is 3</b>									

*D.V. Patil*  
Subject Incharge,

Signature Not Verified  
Digitally Signed By  
SANJEEV  
NATVAR JAIN  
SANJEEVAN  
ENGINEERING &

*[Signature]*  
HOD  
Civil Engineering



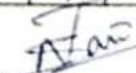
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PRINCIPAL  
Sanjeevan Engg. & Tech. Institute  
Somwar Peth, Panhala - 416 201

Sub: Hydraulics I												
Continuous Assesment I												
Enrollment Number	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Total Marks
		CO1	CO1	CO1	CO1	CO1	CO2	CO2	CO2	CO2	CO2	10
PRN.1963151191014	SHINDE SAMIKSHA SUHAS	1	1	1	1	1	1	1	1	1	1	10
PRN.1963151191016	GAVADE RUTUJA JALINDAR	1	1	1	1	1	1	1	1	1	1	10
PRN.1963151191017	SHINDE SHUBHAM JYOTI	1	1	1	1	1	1	1	0	1	1	9
PRN.1963151191018	KAMBLE PRATIK SANJAY	1	1	1	1	1	1	1	1	1	1	10
PRN.1963151191019	BHOSALE KEVAL MADHUKAR	1	1	1	1	1	1	1	1	1	1	10
PRN.1963151191020	JADHAV AMOL PRAMOD	1	1	1	1	1	1	1	1	1	1	10
PRN.1963151191035	PATIL RAJVARDHAN VIJAY	1	1	1	1	1	1	1	1	1	1	10
PRN.1963151191036	MANE VIRAJ VISHNU	1	1	1	1	1	1	1	1	1	1	10
PRN.1963151191049	SAWANT PRUTHVIRAJ SAMBHAJI	1	1	1	1	1	1	1	1	1	1	10
PRN.1963151191050	ADLINGE NAMRATA BUDDHIWAN	1	1	1	1	1	1	1	1	1	1	10
PRN.1963151191051	LOHAR ANIKET PRAKASH	1	1	1	1	1	1	1	1	1	1	10
PRN.1963151191052	PATIL NIKHIL ANANDA	1	1	1	1	1	1	1	1	1	1	10
PRN.1963151191053	SAVEKAR PRUTHVIRAJ LAXMAN	1	1	1	1	1	1	1	1	1	1	10
PRN.1963151191057	GAIKWAD ROHIT TANAJI	1	1	1	0	1	1	1	1	0	1	8
PRN.1963151191061	NIKAM VAISHNAV VISHWAS	1	1	1	1	1	1	1	1	1	1	10
PRN.1963151191062	BURAN SANKET SHIVAJI	1	1	1	1	1	1	1	1	1	1	10
PRN.1963151191066	PUSHAKRAJ SUBHASH PATIL	1	1	1	1	1	1	1	1	1	1	10
PRN.2063151191026	KAMBLE PRAFULL ABBAS	1	1	1	1	1	1	1	1	1	1	10
PRN.2063151191027	JADHAV ANIKET TANAJI	1	1	1	1	1	1	1	1	1	1	10
PRN.2063151191028	HUJARE HRITIK MANOJ	0	0	0	1	1	1	0	0	0	0	3
PRN.2063151191030	SARNOBART SATYAJEET UTTAM	1	1	0	1	1	1	1	1	1	1	9
PRN.2063151191031	PATIL OMKAR SUBHASH	1	1	1	1	1	1	1	1	1	1	10
PRN.2063151191032	SAWANT OMKAR CHANDRAKANT	1	1	1	1	1	1	1	1	1	1	10
PRN.2063151191033	NALE SHIVAM PRADIP	1	1	1	1	1	1	1	1	1	1	10
PRN.2063151191034	WAGHMARE ABHISHEK SUHAS	1	1	1	1	1	1	1	1	1	1	10
PRN.2063151191035	KHOT KAUSTUBH BHALCHANDRA	1	1	1	1	1	1	1	1	1	1	10
PRN.2063151191036	MOHITE ONKAR DHANANJAY	1	1	1	1	1	1	1	1	1	1	10
PRN.2063151191037	SIDDHESH ADESH SURVE	1	1	1	1	1	1	1	1	1	1	10
PRN.2063151191038	PARLES KISHOR PATIL	1	1	1	1	1	1	1	1	1	1	10
PRN.2063151191039	SAYALI SHIVAJI TAMBAVEKAR	1	1	1	1	1	1	1	1	1	1	10
PRN.2063151191040	TAHSIL DAR AJTAB RAFIK	1	0	1	1	1	1	1	0	1	0	7
PRN.2063151191041	SALOKHE SIDDHESH SUHAS	1	1	1	1	1	1	1	1	1	1	10
PRN.2063151191042	PRATHMESH PRATAP JAPTANMULUKH	0	0	0	1	1	1	0	0	0	0	3
PRN.2063151191043	GHADYALE PRATISKHA BALASO	1	1	1	1	1	1	1	1	1	1	10
PRN.2063151191044	CHOURGULE SUMIT SUNIL	1	1	1	1	1	1	1	1	1	1	10
PRN.2063151191045	HINGMIRE APEKSHA AMBADAS	1	1	1	1	1	1	1	1	1	1	10
PRN.2063151191046	SUGANDHI YUVARAJ ASHWIN	1	1	1	1	1	1	1	1	1	1	10
PRN.2063151191047	PATIL ABHISHEK TANAJI	1	1	1	1	1	1	1	1	1	1	10

  
 D.Y. Patil  
 Subject Incharge  
 Sanjeevan Engineering Institute  
 Somwar Peth, Panhala, Dist. Kolhapur, Maharashtra - 416 207

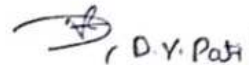
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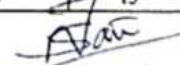
  
 PRINCIPAL  
 Sanjeevan Engg. & Tech. Institute  
 Somwar Peth, Panhala, Dist. Kolhapur, (M)

PRN:2063151191048	PAKHARE OMKAR TUKARAM	0	1	1	1	1	1	1	1	1	0	1	8
PRN:2063151191049	SOURABH SHIRISHKUMAR MALGAONKAR	1	1	1	1	1	1	1	1	1	1	1	10
PRN:2063151191050	PATIL VIVEK VIJAY	1	1	1	1	1	1	0	1	1	1	1	9
PRN:2063151191052	POWAR VISHAL TUKARAM	1	1	1	1	1	1	1	1	1	1	1	10
PRN:2063151191053	KAMBLE PRAMOD PRADIP	1	1	1	1	1	1	1	1	1	1	1	10
PRN:2063151191054	GOJARE VAIBHAV ANNASO	1	1	1	1	1	1	1	1	1	1	1	10
PRN:2063151191055	NAIK SHUBHAM SUBHASH	1	1	1	1	0	1	1	1	1	1	1	9
PRN:2063151191056	PATIL SWARNIL DHONDIRAM	1	1	1	1	1	1	1	1	1	1	1	10
PRN:2063151191057	SHINDE SAROJ PANDIT	1	1	1	1	0	1	1	1	1	1	1	9
PRN:2063151191058	MALI SHUBHAM NANDKUMAR	1	1	1	1	1	1	1	1	1	1	1	10
PRN:2063151191059	SAYED UZAIR FAIAAZ	1	1	1	1	0	1	1	1	1	1	1	9
PRN:2063151191060	BOGARE DATTATRAY VILAS	1	1	0	1	1	1	1	1	1	0	1	8
PRN:2063151191061	MARALKAR VIVEK SUBHASH	1	1	1	1	1	1	1	1	1	1	1	10
PRN:2063151191062	CHAVAN BHUSHAN UMESH	1	1	1	1	1	0	1	1	1	1	1	9
PRN:2063151191064	OMKAR SUDAM PATIL	1	1	1	1	1	1	1	1	1	1	1	10
PRN:2063151191065	PATIL SWARUP PRADHAN	1	1	1	1	1	1	1	1	1	1	1	10
PRN:2063151191066	PATIL SWARNIL SANJAY	1	1	1	1	1	1	1	1	1	1	1	10
PRN:2063151191067	PATIL PRATHAMESH SANJAY	1	1	1	1	1	1	1	1	1	1	1	10
PRN:2063151191069	SHUBHAM MADHUKAR SAWANT	1	1	1	1	1	1	1	1	1	1	1	10
PRN:51631520181119110074	JADHAV RUSHIKESH SHAHAJI	1	1	1	1	1	1	1	1	1	0	1	9

Sub: Hydraulics I											
Mid Semester Examination											
Enrollment Number	Name of Student	Q.1.1.	Q.1.2.	Q.1.3.	Q.1.4.	Q.1.5.	Q.1.6.	Q.2.A	Q.2.B	Q.3.A	Total Marks
		1	1	1	1	1	1	3	3	8	20
		CO3	CO3	CO3	CO3	CO4	CO4	CO3	CO3	CO4	
PRN:1963151191014	SHINDE SAMIKSHA SUHAS	1	1	1	1	1	1	3	3	8	20
PRN:1963151191016	GAVADE RUTUJA JALINDAR	1	1	1	1	0	0	3	3	8	18
PRN:1963151191017	SHINDE SHUBHAM JYOTI	1	1	1	1	0	1	3	3	8	19
PRN:1963151191018	KAMBLE PRATIK SANJAY	1	1	1	1	0	1	3	3	8	19
PRN:1963151191019	BHOSALE KEVAL MADHUKAR	1	1	1	1	0	1	3	3	8	19
PRN:1963151191020	JADHAV AMOL PRAMOD	1	1	1	1	0	1	3	3	8	19
PRN:1963151191035	PATIL RAJVARDHAN VIJAY	1	1	1	1	0	1	3	3	8	19
PRN:1963151191036	MANE VIRAJ VISHNU	1	1	1	1	0	0	3	3	8	18
PRN:1963151191049	SAWANT PRUTHVIRAJ SAMBHAJI	1	1	1	1	0	1	3	3	8	19
PRN:1963151191050	ADLINGE NAMRATA BUDDHIWAN	1	1	1	1	0	1	3	3	8	19
PRN:1963151191051	LOHAR ANIKET PRAKASH	1	1	1	1	0	1	3	3	8	19
PRN:1963151191052	PATIL NIKHIL ANANDA	1	1	1	1	0	1	3	3	8	19
PRN:1963151191053	SAVEKAR PRUTHVIRAJ LAXMAN	1	1	1	1	0	1	3	3	8	19
PRN:1963151191057	GAIKWAD ROHIT TANAJI	1	1	1	1	0	1	3	3	8	19
PRN:1963151191061	NIKAM VAISHNAV VISHWAS	1	1	1	1	0	1	3	3	8	19
PRN:1963151191062	BURAN SANKET SHIVAJI	1	0	1	1	0	1	3	0	8	15
PRN:1963151191066	PUSHAKRAJ SUBHASH PATIL	1			1	0	1	3	0	8	15

  
 D.Y. Patil  
 Subject Incharge  
 Sanjeevan Engineering & Technology Institute  
 Somwar Peth, Panhala, Kolhapur - 416 201



  
**PRINCIPAL**  
 Sanjeevan Engg. & Tech. Institute  
 Somwar Peth, Panhala - 416 201





Sub: Hydraulics I													
Mid Semester Examination													
Enrollment Number	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Total Marks	
		2	2	2	2	2	2	2	2	2	2	2	20
		CO3	CO3	CO3	CO3	CO3	CO4	CO4	CO4	CO4	CO4	CO4	
PRN 1963151191014	SHINDE SAMIKSHA SUHAS												
PRN 1963151191016	GAVADE RUTUJA JALINDAR												
PRN 1963151191017	SHINDE SHUBHAM JYOTI												
PRN 1963151191018	KAMBLE PRATIK SANJAY												
PRN 1963151191019	BHOSALE KEVAL MADHUKAR												
PRN 1963151191020	JADHAV AMOL PRAMOD												
PRN 1963151191035	PATIL RAJYARDHAN VIJAY												
PRN 1963151191036	MANE VIRAJ VISHNU												
PRN 1963151191049	SAWANT PRUTHVIRAJ SAMBHAJI												
PRN 1963151191050	ADLINGE NAMRATA BUDDHIWAN												
PRN 1963151191051	LOHAR ANIKET PRAKASH												
PRN 1963151191052	PATIL NIKHIL ANANDA												
PRN 1963151191053	SAVEKAR PRUTHVIRAJ LAXMAN												
PRN 1963151191057	GAIKWAD ROHIT TANAJI												
PRN 1963151191061	NIKAM VAISHNAV VISHWAS												
PRN 1963151191062	HURAN SANKET SHIVAJI												
PRN 1963151191066	PUSHAKRAJ SUBHASH PATIL												
PRN 2063151191026	KAMBLE PRAFULL ABBAS	0	2	2	2	0	2	2	2	2	2	16	
PRN 2063151191027	JADHAV ANIKET TANAJI	2	2	2	2	0	2	2	2	2	2	18	
PRN 2063151191028	HUJARE HRITIK MANOJ	0	2	2	0	0	0	0	0	2	0	6	
PRN 2063151191030	SARNOBART SATYAJEET UTTAM	0	0	2	2	0	2	2	2	2	2	14	
PRN 2063151191031	PATIL OMKAR SUBHASH	0	2	2	0	2	2	2	2	2	2	16	
PRN 2063151191032	SAWANT OMKAR CHANDRAKANT	0	2	2	0	2	2	2	2	2	2	16	
PRN 2063151191033	NALE SHIVAM PRADIP	2	2	2	0	2	2	2	2	2	2	18	
PRN 2063151191034	WAGHMARE ABHISHEK SUHAS	2	2	2	0	2	2	2	2	2	2	18	
PRN 2063151191035	KHOT KALSTUBH BHALCHANDRA	2	2	2	0	2	2	2	2	2	2	18	
PRN 2063151191036	MOHITE ONKAR DHANANJAY	2	2	2	0	2	2	2	2	2	2	18	
PRN 2063151191037	SIDDHESH ADESH SURVE	2	2	2	0	2	2	2	2	2	2	18	
PRN 2063151191038	PAREES KISHOR PATIL	2	2	2	0	2	2	2	2	2	2	18	
PRN 2063151191039	SAYALI SHIVAJI TAMBAVEKAR	0	2	2	0	2	2	2	2	2	2	16	
PRN 2063151191040	TAHSILDAR AFTAB RAFIK	0	2	2	0	0	2	0	2	2	2	12	
PRN 2063151191041	SALOKHE SIDDHESH SUHAS	0	2	2	0	0	2	0	2	2	2	12	
PRN 2063151191042	PRATHMESH PRATAP JAPTANMULUKH	0	2	2	0	0	0	0	0	2	0	6	
PRN 2063151191043	GHADYALE PRATISKHA BALASO	2	2	2	0	2	2	2	2	2	2	18	
PRN 2063151191044	CHOUGULE SUMIT SUNIL	0	2	2	0	2	2	2	2	2	2	16	
PRN 2063151191045	HINGMIRE APEKSHA AMBADAS	2	2	2	0	2	2	2	2	2	2	18	
PRN 2063151191046	SUGANDHI YUVARAJ ASHWIN	2	2	2	0	2	2	2	2	2	2	18	
PRN 2063151191047	PATIL ABHISHEK TANAJI	2	2	2	0	2	2	2	2	2	2	18	
PRN 2063151191048	PAKHARE OMKAR TUKARAM	2	2	2	0	2	2	2	2	2	2	18	
PRN 2063151191049	SOURABH SHRISHKUMAR MALGAONKAR	2	2	2	0	2	2	2	2	2	2	18	
PRN 2063151191050	PATIL VIVEK VIJAY	0	2	2	0	2	2	2	2	2	2	16	
PRN 2063151191052	POWAR VISHAL TUKARAM	0	2	2	0	2	2	2	2	2	2	16	
PRN 2063151191053	KAMBLE PRAMOD PRADIP	2	2	2	0	2	2	2	2	2	2	18	
PRN 2063151191054	GOJARE VAIBHAV ANNASO	2	2	2	0	2	2	2	2	2	2	18	
PRN 2063151191055	NAIK SHUBHAM SUBHASH	0	2	2	0	2	2	2	2	2	2	16	
PRN 2063151191056	PATIL SWAPNIL DHONDIRAM	2	2	2	0	2	2	2	2	2	2	18	

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D.Y.Peth

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SANJEEV NATVAR  
Date: 11/11/2011  
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PRN 2063151191057	SHINDE SAROJ PANDIT	2	2	2	0	2	2	2	2	2	2	18
PRN 2063151191058	MALI SHUBHAM NANDKUMAR	2	2	2	0	2	2	2	2	2	2	18
PRN 2063151191059	SAYED UZAIR FAIAAZ	2	2	2	0	2	2	2	2	2	2	18
PRN 2063151191060	BOGARE DATTATRAY VILAS	0	2	2	0	2	2	2	2	2	2	16
PRN 2063151191061	MARALKAR VIVEK SUBHASH	2	2	2	0	2	2	2	2	2	2	18
PRN 2063151191062	CHAVAN BHUSHAN UMESH	2	2	2	2	0	2	2	2	0	0	14
PRN 2063151191064	OMKAR SUDAM PATIL	0	2	2	0	2	2	2	2	2	2	16
PRN 2063151191065	PATIL SWARUP PRADHAN	2	2	2	0	2	2	2	2	2	2	18
PRN 2063151191066	PATIL SWAPNIL SANJAY	2	2	2	0	2	2	2	2	2	2	18
PRN 2063151191067	PATIL PRATHAMESH SANJAY	0	2	2	0	0	0	0	0	2	0	6
PRN 2063151191069	SHUBHAM MADHUKAR SAWANT	0	2	2	0	2	2	2	2	2	2	16
PRN 51631520181119110074	JADHAV RUSHIKESH SHIAHAJI											

Sub: Hydraulics I												
Continous Assesment II												
Enrollment Number	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Total Marks
		CO5	CO5	CO5	CO5	CO5	CO6	CO6	CO6	CO6	CO6	
PRN:1963151191014	SHINDE SAMIKSHA SUHAS	1	1	1	1	1	1	1	1	1	1	10
PRN:1963151191016	GAVADE RUTUJA JALINDAR	1	1	1	1	1	1	1	1	1	1	10
PRN:1963151191017	SHINDE SHUBHAM JYOTI	1	1	1	1	1	1	1	1	1	1	10
PRN:1963151191018	KAMBLE PRATIK SANJAY	1	1	1	1	1	1	1	1	1	1	10
PRN:1963151191019	BHOSALE KEVAL MADHUKAR	1	1	1	1	1	1	1	1	1	1	10
PRN:1963151191020	JADHAV AMOL PRAMOD	1	1	1	1	1	1	1	1	1	1	10
PRN:1963151191035	PATIL RAJWARDHAN VIJAY	1	1	1	1	1	0	1	1	1	1	9
PRN:1963151191036	MANE VIRAJ VISHNU	1	1	1	1	1	1	1	1	0	1	9
PRN:1963151191049	SAWANT PRUTHVIRAJ SAMBHAJI	1	1	1	1	1	1	1	1	1	1	10
PRN:1963151191050	ADLINGE NAMRATA BUDDHIWAN	1	1	1	1	1	1	1	1	1	1	10
PRN:1963151191051	LOHAR ANIKET PRAKASH	1	1	1	1	1	1	1	1	1	1	10
PRN:1963151191052	PATIL NIKHIL ANANDA	1	1	1	1	1	1	1	1	1	1	10
PRN:1963151191053	SAVEKAR PRUTHVIRAJ LAXMAN	1	1	1	1	1	1	1	1	1	1	10
PRN:1963151191057	GAIKWAD ROHIT TANAJI	1	1	1	1	1	0	1	1	1	0	8
PRN:1963151191061	NIKAM VAISHNAV VISHWAS	1	1	1	1	1	1	1	1	1	0	9
PRN:1963151191062	BURAN SANKET SHIVAJI	1	0	1	0	1	0	1	0	1	1	6
PRN:1963151191066	PUSHAKRAJ SUBHASH PATIL	1	0	1	0	1	0	1	1	0	1	6
PRN:2063151191026	KAMBLE PRAFULL ABBAS	1	1	1	1	1	1	1	1	1	1	10
PRN:2063151191027	JADHAV ANIKET TANAJI	1	1	1	1	1	1	1	1	1	1	10
PRN:2063151191028	HUJARE HRITIK MANOJ	1	1	1	1	1	1	1	1	1	1	10
PRN:2063151191030	SARNOBART SATYAJEET UTTAM	1	1	0	1	1	1	1	1	1	1	9
PRN:2063151191031	PATIL OMKAR SUBHASH	1	1	1	1	1	1	1	1	1	1	10
PRN:2063151191032	SAWANT OMKAR CHANDRAKANT	1	1	1	1	1	1	1	1	1	1	10
PRN:2063151191033	NALE SHIVAM PRADIP	1	1	1	1	1	1	1	1	1	1	10
PRN:2063151191034	WAGHMARE ABHISHEK SUHAS	1	1	1	1	1	1	1	1	1	1	10
PRN:2063151191035	KHOT KAUSTUBH BHALCHANDRA	1	1	1	1	1	1	1	1	1	1	10
PRN:2063151191036	MOHITE ONKAR DHANANJAY	1	1	1	1	1	1	1	1	1	1	10
PRN:2063151191037	SIDDHESH ADESH SURVE	1	1	1	1	1	1	1	1	1	1	10
PRN:2063151191038	PAREES KISHOR PATIL	1	1	1	0	1	1	1	1	0	1	8
PRN:2063151191039	SAYALI SHIVAJI TAMBAVEKAR	1	1	1	1	1	1	1	1	1	1	10
PRN:2063151191040	TAHSILDAR AFTAB RAFIK				0	1	0	1	0	0	1	5

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PRN 2063151191041	SALOKHE SIDDHESH SUHAS	1	1	1	1	1	1	0	1	1	1	9
PRN 2063151191042	PRATHMESH PRATAP JAPTANMULUKH	0	1	0	0	0	1	0	0	0	1	3
PRN 2063151191043	GHADYALE PRATISKHA BALASO	1	1	1	1	1	1	1	1	1	1	10
PRN 2063151191044	CHOUGULE SUMIT SUNIL	1	1	1	1	1	1	1	1	1	1	10
PRN 2063151191045	HINGMIRE APEKSHA AMBADAS	1	1	1	1	1	0	1	1	1	1	9
PRN 2063151191046	SUGANDHI YUVARAJ ASHWIN	1	1	1	1	1	1	1	1	0	1	9
PRN 2063151191047	PATIL ABHISHEK TANAJI	1	1	1	1	1	1	1	1	1	1	10
PRN 2063151191048	PAKHARE OMKAR TUKARAM	1	1	1	1	1	1	1	1	1	1	10
PRN 2063151191049	SOURABH SHIRISHKUMAR MALGAONKAR	1	1	1	1	1	1	1	1	1	1	10
PRN 2063151191050	PATIL VIVEK VIJAY	1	1	1	1	1	1	0	1	1	1	9
PRN 2063151191052	POWAR VISHAL TUKARAM	1	1	1	1	1	1	1	1	1	1	10
PRN 2063151191053	KAMBLE PRAMOD PRADIP	1	1	1	1	1	1	1	1	1	1	10
PRN 2063151191054	GOJARE VAIBHAV ANNASO	1	1	1	1	1	1	1	1	1	1	10
PRN 2063151191055	NAIK SHUBHAM SUBHASH	1	1	1	0	1	1	1	1	1	1	9
PRN 2063151191056	PATIL SWAPNIL DHONDIRAM	1	1	1	1	1	1	1	1	1	1	10
PRN 2063151191057	SHINDE SAROJ PANDIT	1	1	1	1	1	1	1	1	1	1	10
PRN 2063151191058	MALI SHUBHAM NANDKUMAR	1	1	1	1	0	1	1	1	1	1	9
PRN 2063151191059	SAYED UZAIR FAIAAZ	1	1	1	1	1	1	1	1	1	1	10
PRN 2063151191060	HOGARE DATTATRAY VILAS	1	1	1	1	1	1	1	1	1	1	10
PRN 2063151191061	MARALKAR VIVEK SUBHASH	0	1	0	0	0	1	0	0	0	1	3
PRN 2063151191062	CHAVAN BHUSHAN UMESH	1	1	1	1	1	1	1	1	0	1	9
PRN 2063151191064	OMKAR SUDAM PATIL	1	1	1	1	1	1	1	1	1	1	10
PRN 2063151191065	PATIL SWARUP PRADHAN	1	1	1	1	1	1	1	1	1	1	10
PRN 2063151191066	PATIL SWAPNIL SANJAY	1	1	1	0	1	1	1	1	1	1	9
PRN 2063151191067	PATIL PRATHAMESH SANJAY	1	1	1	1	1	1	1	1	1	1	10
PRN 2063151191069	SHUBHAM MADHUKAR SAWANT	1	1	1	1	1	1	1	0	1	1	9
PRN:5163152018119110074	JADHAV RUSHIKESH SHAHAJI	1	1	1	1	1	1	1	1	0	1	9

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CO Attainment Table											
Course Outcomes	Direct Assessment				Indirect Assessment		Total	%	3	2	1
	CA - I	MSE	CA - II	Final Exam	Course Exit Survey						
BTCVC303.1	4.76	0.00	0	46.59	1.68	53.03	79.15	2.97	1.98	0.99	
BTCVC303.2	4.71	0.00	0		1.70	52.99	79.09	2.97	1.98	0.99	
BTCVC303.3	0	7.69	0.00		1.54	55.82	77.53	2.91	1.94	0.97	
BTCVC303.4	0	9.12	0.00		1.59	57.29	79.57	2.98	1.99	0.99	
BTCVC303.5	0	0	4.69		1.53	52.81	78.82	2.96	1.97	0.99	
BTCVC303.6	0	0	4.53		1.45	52.57	78.46	2.94	1.96	0.98	

Target set is 80 %

Cos - Pos - PSOs Matrix for Hydraulics I												
Course outcomes	Program Outcomes										Program Specific Outcomes	
	PO1	PO2	PO3	PO4	PO5	PO6	PO10	PO11	PO12	PSO1	PSO2	PSO3
BTCVC303.1	2.97	2.97	1.98	1.98	0.99	0.00	0.00	0.00	0.99	2.97	0.00	1.98
BTCVC303.2	2.97	2.97	0.99	0.99	0.99	0.00	0.00	0.00	0.99	2.97	0.00	1.98
BTCVC303.3	2.91	2.91	0.97	0.97	0.97	0.00	0.00	0.00	0.97	2.91	0.00	2.91
BTCVC303.4	2.98	2.98	0.00	0.00	0.00	0.00	0.00	0.00	0.99	2.98	0.00	2.98
BTCVC303.5	2.96	2.96	0.00	0.00	0.00	0.00	0.00	0.00	0.99	2.96	0.00	2.96
BTCVC303.6	2.94	2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.98	2.94	0.00	2.94
Average	2.95	2.95	1.31	1.31	0.98	0.00	0.00	0.00	0.98	2.95	0.00	2.62

BTCVC303	2.95	2.95	1.31	1.31	0.98	0.00	0.00	0.00	0.98	2.95	0.00	2.62
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*D.Y. Patil*  
Subject Incharge

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## CO-PO Matrix for Hydraulics I

Course outcomes	Program Outcomes											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
BTCVC303.1	3	3	2	2	1	0	0	0	0	0	0	1
BTCVC303.2	3	3	1	1	1	0	0	0	0	0	0	1
BTCVC303.3	3	3	1	1	1	0	0	0	0	0	0	1
BTCVC303.4	3	3	0	0	0	0	0	0	0	0	0	1
BTCVC303.5	3	3	0	0	0	0	0	0	0	0	0	1
BTCVC303.6	3	3	0	0	0	0	0	0	0	0	0	1
Average	3	3	1.33	1.33	1	0	0	0	0	0	0	1

*D.V. Patil*  
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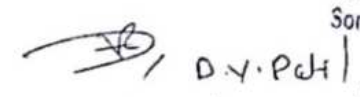


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## CO-PO Matrix for Hydraulics Laboratory I

Course outcomes	Program Outcomes											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
BTCVL307.1	3	1	0	3	3	0	0	0	3	0	0	1
BTCVL307.2	3	0	0	3	3	0	0	0	3	0	0	1
BTCVL307.3	3	2	2	3	3	0	0	0	3	0	0	1
BTCVL307.4	3	2	2	3	3	0	0	0	3	0	0	1
BTCVL307.5	3	2	2	3	3	0	0	0	2	0	0	1
BTCVL307.6	3	3	3	3	3	0	0	0	3	0	0	1
BTCVL307.7	3	2	2	2	2	0	0	0	1	0	0	2
Average	3	1.71	1.57	2.86	2.86	0	0	0	2.57	0	0	1.14

  
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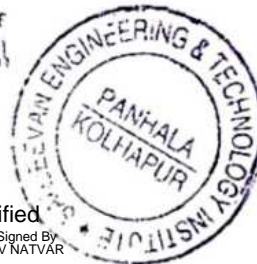
CO-PSO Matrix for Hydraulics Laboratory I			
Course outcomes	Program Specific Outcomes		
	PSO1	PSO2	PSO3
BTCVL307.1	2	0	2
BTCVL307.2	2	1	2
BTCVL307.3	3	0	2
BTCVL307.4	3	0	2
BTCVL307.5	3	0	3
BTCVL307.6	3	0	3
BTCVL307.7	2	1	3
Average	2.57	1.00	2.43

  
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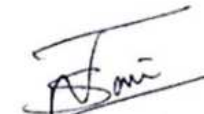



Cos - Pos - PSOs Matrix for Hydraulics Laboratory I															
Course outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
BTCVL307.1	3	1	0	3	3	0	0	0	3	0	0	1	2	0	2
BTCVL307.2	3	0	0	3	3	0	0	0	3	0	0	1	2	1	2
BTCVL307.3	3	2	2	3	3	0	0	0	3	0	0	1	3	0	2
BTCVL307.4	3	2	2	3	3	0	0	0	3	0	0	1	3	0	2
BTCVL307.5	3	2	2	3	3	0	0	0	2	0	0	1	3	0	3
BTCVL307.6	3	3	3	3	3	0	0	0	3	0	0	1	3	0	3
BTCVL307.7	3	2	2	2	2	0	0	0	1	0	0	2	2	1	3
Average	3	1.71	1.57	2.86	2.86	0	0	0	2.57	0	0	1.14	2.57	1.00	2.43

  
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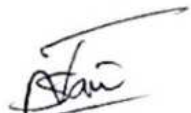
  
 A.V. Patil  
 subject incharge,

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 NATVAR JAIN  
 Digitally Signed By  
 SANJEEV NATVAR  
 JAIN  
 O-SANJEEVAN  
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CO Assesment Matrix for Hydraulics Laboratory I					
Course Outcomes	CA I	CA II	IP	IPR	Total
BTCVL307.1					
BTCVL307.2					
BTCVL307.3					
BTCVL307.4	15	15	10	10	50
BTCVL307.5					
BTCVL307.6					
BTCVL307.7					
<b>Total</b>	<b>15</b>	<b>15</b>	<b>10</b>	<b>10</b>	<b>50</b>

  
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 Somwar Peth, Panhala - 416 201

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 NATVAR JAIN  
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 SANJEEV NATVAR  
 JAIN  
 O-SANJEEVAN  
 ENGINEERING &

Practicle Marks & Internal Practicle Marks for Hydraulics Laboratory I					
Enrollment Number	Name of Student	Practicle Marks [10]	Internal Practicle Marks [10]	Total [20]	%
PRN:1963151191014	SHINDE SAMIKSHA SUHAS	9	9	18	90.00
PRN:1963151191016	GAVADE RUTUJA JALINDAR	9	9	18	90.00
PRN:1963151191017	SHINDE SHUBHAM JYOTI	9	9	18	90.00
PRN:1963151191018	KAMBLE PRATIK SANJAY	9	9	18	90.00
PRN:1963151191019	BHOSALE KEVAL MADHUKAR	9	9	18	90.00
PRN:1963151191020	JADHAV AMOL PRAMOD	8	9	17	85.00
PRN:1963151191035	PATIL RAJWARDHAN VIJAY	6	6	12	60.00
PRN:1963151191036	MANE VIRAJ VISHNU	6	6	12	60.00
PRN:1963151191049	SAWANT PRUTHVIRAJ SAMBHAJI	AB	AB	0	0.00
PRN:1963151191050	ADLINGE NAMRATA BUDDHIWAN	9	10	19	95.00
PRN:1963151191051	LOHAR ANIKET PRAKASH	8	8	16	80.00
PRN:1963151191052	PATIL NIKHIL ANANDA	8	9	17	85.00
PRN:1963151191053	SAVEKAR PRUTHVIRAJ LAXMAN	8	9	17	85.00
PRN:1963151191057	GAIKWAD ROHIT TANAJI	AB	AB	0	0.00
PRN:1963151191061	NIKAM VAISHNAV VISHWAS	6	6	12	60.00
PRN:1963151191062	BURAN SANKET SHIVAJI	6	6	12	60.00
PRN:1963151191066	PUSHAKRAJ SUBHASH PATIL	6	6	12	60.00
PRN:2063151191026	KAMBLE PRAFULL ABBAS	6	7	13	65.00
PRN:2063151191027	JADHAV ANIKET TANAJI	6	7	13	65.00
PRN:2063151191028	HUJARE HRITIK MANOJ	AB	AB	0	0.00
PRN:2063151191030	SARNOBART SATYAJEET UTTAM	7	6	13	65.00
PRN:2063151191031	PATIL OMKAR SUBHASH	6	7	13	65.00
PRN:2063151191032	SAWANT OMKAR CHANDRAKANT	6	7	13	65.00
PRN:2063151191033	NALE SHIVAM PRADIP	7	6	13	65.00
PRN:2063151191034	WAGHMARE ABHISHEK SUHAS	7	6	13	65.00
PRN:2063151191035	KHOT KAUSTUBH BHALCHANDRA	6	7	13	65.00
PRN:2063151191036	MOHITE ONKAR DHANANJAY	7	6	13	65.00
PRN:2063151191037	SIDDHESH ADESH SURVE	6	7	13	65.00
PRN:2063151191038	PAREES KISHOR PATIL	7	6	13	65.00
PRN:2063151191039	SAYALI SHIVAJI TAMBAVEKAR	7	6	13	65.00
PRN:2063151191040	TAHSILDAR AFTAB RAFIK	6	7	13	65.00
PRN:2063151191041	SALOKHE SIDDHESH SUHAS	7	6	13	65.00
PRN:2063151191042	PRATHMESH PRATAP JAPTANMULUKH	AB	AB	0	0.00
PRN:2063151191043	GHADYALE PRATISKHA BALASO	6	7	13	65.00
PRN:2063151191044	CHOUGULE SUMIT SUNIL	6	7	13	65.00

*D.V. Patil*  
Subject Incharge.


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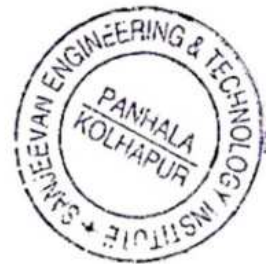
PRN:2063151191045	HINGMIRE APEKSHA AMBADAS	6	7	13	65.00
PRN:2063151191046	SUGANDHI YUVARAJ ASHWIN	7	6	13	65.00
PRN:2063151191047	PATIL ABHISHEK TANAJI	7	6	13	65.00
PRN:2063151191048	PAKHARE OMKAR TUKARAM	6	7	13	65.00
PRN:2063151191049	SOURABH SHIRISHKUMAR MALGAONKAR	7	6	13	65.00
PRN:2063151191050	PATIL VIVEK VIJAY	7	6	13	65.00
PRN:2063151191052	POWAR VISHAL TUKARAM	6	7	13	65.00
PRN:2063151191053	KAMBLE PRAMOD PRADIP	7	6	13	65.00
PRN:2063151191054	GOJARE VAIBHAV ANNASO	6	7	13	65.00
PRN:2063151191055	NAIK SHUBHAM SUBHASH	6	7	13	65.00
PRN:2063151191056	PATIL SWAPNIL DHONDIRAM	6	7	13	65.00
PRN:2063151191057	SHINDE SAROJ PANDIT	7	6	13	65.00
PRN:2063151191058	MALI SHUBHAM NANDKUMAR	6	7	13	65.00
PRN:2063151191059	SAYED UZAIR FAIAAZ	6	7	13	65.00
PRN:2063151191060	BOGARE DATTATRAY VILAS	6	7	13	65.00
PRN:2063151191061	MARALKAR VIVEK SUBHASH	6	7	13	65.00
PRN:2063151191062	CHAVAN BHUSHAN UMESH	7	6	13	65.00
PRN:2063151191064	OMKAR SUDAM PATIL	6	7	13	65.00
PRN:2063151191065	PATIL SWARUP PRADHAN	7	7	14	70.00
PRN:2063151191066	PATIL SWAPNIL SANJAY	7	6	13	65.00
PRN:2063151191067	PATIL PRATHAMESH SANJAY	6	7	13	65.00
PRN:2063151191069	SHUBHAM MADHUKAR SAWANT	6	7	13	65.00
PRN:51631520181119110074	JADHAV RUSHIKESH SHIAHAJI	6	6	12	60.00
Total		366	377	743	3715
Average	10/10/20/100	6.78	6.98	13.76	68.80

No. of Student score more than 55% of marks is 54 out of 54 i.e. 100%  
**Attainment Level: 100 % students achieved marks greater than 55 %, thus the attainment level is 3**

  
D.V. Patil  
Subject Incharge

  
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**CA I & CA II Marks for Hydraulics Laboratory I**

Enrollment Number	Name of Student	CA I [15]	CA II [15]	Total [30]	%
PRN:1963151191014	SHINDE SAMIKSHA SUHAS	15	14	29	96.67
PRN:1963151191016	GAVADE RUTUJA JALINDAR	14	14	28	93.33
PRN:1963151191017	SHINDE SHUBHAM JYOTI	14	14	28	93.33
PRN:1963151191018	KAMBLE PRATIK SANJAY	14	14	28	93.33
PRN:1963151191019	BHOSALE KEVAL MADHUKAR	13	13	26	86.67
PRN:1963151191020	JADHAV AMOL PRAMOD	13	13	26	86.67
PRN:1963151191035	PATIL RAJWARDHAN VIJAY	13	13	26	86.67
PRN:1963151191036	MANE VIRAJ VISHNU	12	12	24	80.00
PRN:1963151191049	SAWANT PRUTHVIRAJ SAMBHAJI	11	11	22	73.33
PRN:1963151191050	ADLINGE NAMRATA BUDDHIWAN	15	14	29	96.67
PRN:1963151191051	LOHAR ANIKET PRAKASH	13	13	26	86.67
PRN:1963151191052	PATIL NIKHIL ANANDA	13	13	26	86.67
PRN:1963151191053	SAVEKAR PRUTHVIRAJ LAXMAN	14	13	27	90.00
PRN:1963151191057	GAIKWAD ROHIT TANAJI	11	11	22	73.33
PRN:1963151191061	NIKAM VAISHNAV VISHWAS	12	12	24	80.00
PRN:1963151191062	BURAN SANKET SHIVAJI	12	11	23	76.67
PRN:1963151191066	PUSHAKRAJ SUBHASH PATIL	12	11	23	76.67
PRN:2063151191026	KAMBLE PRAFULL ABBAS	12	11	23	76.67
PRN:2063151191027	JADHAV ANIKET TANAJI	12	11	23	76.67
PRN:2063151191028	HUJARE HRITIK MANOJ	11	10	21	70.00
PRN:2063151191030	SARNOBART SATYAJEET UTTAM	11	12	23	76.67
PRN:2063151191031	PATIL OMKAR SUBHASH	12	11	23	76.67
PRN:2063151191032	SAWANT OMKAR CHANDRAKANT	12	11	23	76.67
PRN:2063151191033	NALE SHIVAM PRADIP	11	12	23	76.67
PRN:2063151191034	WAGHMARE ABHISHEK SUHAS	11	12	23	76.67
PRN:2063151191035	KHOT KAUSTUBH BHALCHANDRA	11	12	23	76.67
PRN:2063151191036	MOHITE ONKAR DHANANJAY	12	11	23	76.67
PRN:2063151191037	SIDDHESH ADESH SURVE	12	11	23	76.67
PRN:2063151191038	PAREES KISHOR PATIL	12	11	23	76.67

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Subject Incharge

  
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PRN:2063151191039	SAYALI SHIVAJI TAMBAVEKAR	11	12	23	76.67
PRN:2063151191040	TAHSILDAR AFTAB RAFIK	12	11	23	76.67
PRN:2063151191041	SALOKHE SIDDHESH SUHAS	11	12	23	76.67
PRN:2063151191042	PRATHMESH PRATAP JAPTANMULUKH	11	10	21	70.00
PRN:2063151191043	GHADYALE PRATISKHA BALASO	11	12	23	76.67
PRN:2063151191044	CHOUGULE SUMIT SUNIL	12	11	23	76.67
PRN:2063151191045	HINGMIRE APEKSHA AMBADAS	11	12	23	76.67
PRN:2063151191046	SUGANDHI YUVARAJ ASHWIN	12	11	23	76.67
PRN:2063151191047	PATIL ABHISHEK TANAJI	11	12	23	76.67
PRN:2063151191048	PAKHARE OMKAR TUKARAM	12	11	23	76.67
PRN:2063151191049	SOURABH SHIRISHKUMAR MALGAONKAR	11	12	23	76.67
PRN:2063151191050	PATIL VIVEK VIJAY	11	12	23	76.67
PRN:2063151191052	POWAR VISHAL TUKARAM	11	12	23	76.67
PRN:2063151191053	KAMBLE PRAMOD PRADIP	12	11	23	76.67
PRN:2063151191054	GOJARE VAIBHAV ANNASO	11	12	23	76.67
PRN:2063151191055	NAIK SHUBHAM SUBHASH	12	11	23	76.67
PRN:2063151191056	PATIL SWAPNIL DHONDIRAM	11	12	23	76.67
PRN:2063151191057	SHINDE SAROJ PANDIT	11	12	23	76.67
PRN:2063151191058	MALI SHUBHAM NANDKUMAR	12	11	23	76.67
PRN:2063151191059	SAYED UZAIR FAIAAZ	12	11	23	76.67
PRN:2063151191060	BOGARE DATTATRAY VILAS	11	12	23	76.67
PRN:2063151191061	MARALKAR VIVEK SUBHASH	12	11	23	76.67
PRN:2063151191062	CHAVAN BHUSHAN UMESH	11	12	23	76.67
PRN:2063151191064	OMKAR SUDAM PATIL	11	12	23	76.67
PRN:2063151191065	PATIL SWARUP PRADHAN	12	13	25	83.33
PRN:2063151191066	PATIL SWAPNIL SANJAY	11	12	23	76.67
PRN:2063151191067	PATIL PRATHAMESH SANJAY	12	11	23	76.67
PRN:2063151191069	SHUBHAM MADHUKAR SAWANT	11	12	23	76.67
PRN:5163152018119110074	JADHAV RUSHIKESH SHAHAJI	12	11	23	76.67
Total		691	687	1378	4593.33
Average	15/15/30/100	11.91	11.84	23.76	79.20

No. of Student score more than 55% of marks is 58 out of 58 i.e. 100%

Attainment Level: 100 % students achieved marks greater than 55 % thus the attainment level is 3

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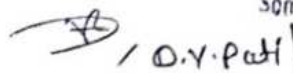
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CO Attainment Table									
Course Outcomes	CA I	CA II	IP	IPR	Total	%	3	2	1
BTCVL307.1	11.91	11.84	6.78	6.98	37.52	75.04	2.81	1.88	0.94
BTCVL307.2							2.81	1.88	0.94
BTCVL307.3							2.81	1.88	0.94
BTCVL307.4							2.81	1.88	0.94
BTCVL307.5							2.81	1.88	0.94
BTCVL307.6							2.81	1.88	0.94
BTCVL307.7							2.81	1.88	0.94

Target set 80 %

Cos - Pos - PSOs Matrix for Hydraulics Laboratory I															
Course outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
BTCVL307.1	2.81	0.94	0	2.81	2.81	0	0	0	2.81	0	0	0.94	1.88	0	1.88
BTCVL307.2	2.81	0	0	2.81	2.81	0	0	0	2.81	0	0	0.94	1.88	0.94	1.88
BTCVL307.3	2.81	1.88	1.88	2.81	2.81	0	0	0	2.81	0	0	0.94	2.81	0	1.88
BTCVL307.4	2.81	1.88	1.88	2.81	2.81	0	0	0	2.81	0	0	0.94	2.81	0	1.88
BTCVL307.5	2.81	1.88	1.88	2.81	2.81	0	0	0	1.88	0	0	0.94	2.81	0	2.81
BTCVL307.6	2.81	2.81	2.81	2.81	2.81	0	0	0	2.81	0	0	0.94	2.81	0	2.81
BTCVL307.7	2.81	1.88	1.88	1.88	1.88	0	0	0	0.94	0	0	0.94	1.88	0.94	2.81
Average	2.81	1.88	2.07	2.68	2.41	0	0	0	2.41	0	0	0.94	2.41	0.94	2.28
BTCVL307	2.81	1.88	2.07	2.68	2.41	0.00	0.00	0.00	2.41	0.00	0.00	0.94	2.41	0.94	2.28

  
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### CO-PSO Matrix for Design of Steel Structure

Course outcomes	Program Specific Outcomes		
	PSO1	PSO2	PSO3
C502.01	3	--	1
C502.02	3	--	1
C502.03	3	--	1
C502.04	3	--	3
Average	3	--	1.5

### Cos - Pos - PSOs Matrix for Design of Steel Structure

Course outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C502.01	3	3	1	--	--	--	--	--	--	--	--	1	3	--	1
C502.02	3	2	3	--	--	--	--	--	--	--	--	1	3	--	1
C502.03	3	2	3	--	--	--	--	--	--	--	--	1	3	--	1
C502.04	3	3	2	--	1	--	--	--	--	--	--	1	3	--	3
Average	3	2.5	2.25	--	1	--	--	--	--	--	--	1	3	--	1.5

### CO Assessment Matrix for Design of Steel Structure

Course Outcomes	Unit Test		Assignments						Final Exam	Total
	1	2	1	2	3	4	5	6		
C502.01	5	0	10						100	115
C502.02	15	0		10						125
C502.03	30	30			10	10	10			190
C502.04	0	20						10		130
Total	50	50							100	

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**Subject : DESIGN OF STEEL STRUCTURE**

Unit Test -1							
Roll No.	Name of Student	Unit Test - 1 Attainment Marks				Total Marks out	%
		5	24	0	0		
		CO1	CO2	CO3	CO4		
1	BARAKALE ASHITOSH RAJENDRA	5	8	23	0	36	72
2	BHOSALE MAHESH MANIK	5	9	14	0	28	56
3	BHOSALE RAJNANDINI VIJAYKUMAR	4	7	22	0	33	66
4	BORGE SHIVANI SAMBHAJI	5	8	19	0	32	64
5	DANDAGE AKSHAY SHIVAJI	5	6	16	0	27	54
6	DANOLE SUSHANT JIVANDHAR	2	6	18	0	26	52
7	GIRI NEHA HINDURAV	4	7	20	0	31	62
8	GOILKAR TUSHAR VIJAY	4	9	15	0	28	56
9	HIRDEKAR RANJEET ANANDARAO	4	6	8	0	18	36
10	KAMBLE KARAN SUDHIR	5	9	14	0	28	56
11	KASHID SHIVDEEP SARJERAO	4	9	15	0	28	56
12	KOLEKAR DIGVIJAY SHANKAR	4	6	18	0	28	56
13	KORE SAYALI ANNASO	4	9	16	0	29	58
14	KUMBHAR ASHVINKUMAR RANGRAO	4	6	14	0	24	48
15	KUMBHAR SURAJ VASANT	4	8	15	0	27	54
16	MAGDUM PRATIT RAJARAM	5	6	11	0	22	44
17	MUDALKAR NIKHIL SADANAND	4	7	19	0	30	60
18	MUJAWAR TAIYABA NAJIRAHAMAD	5	8	14	0	27	54
19	PAKHARE KRISHNA MARUTI	5	9	11	0	25	50
20	PANTOJI ANKUSH MARUTI	4	7	16	0	27	54
21	PATIL MANOJ MAHADEV	5	8	19	0	32	64
22	PATIL PRUTHVIRAJ AMBAJI	4	6	21	0	31	62
23	PATIL RUTURAJ YUVARAJ	5	8	12	0	25	50
24	PATIL VISHAL SANJAY	5	7	19	0	31	62
25	PATIL VISHAL VILAS	4	8	19	0	31	62
26	RAMANE ABHJEET ANANDA	5	7	14	0	26	52
27	SANGINKAR ANKUSH RAMCHANDRA	4	7	18	0	29	58

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28	SHINDE MARUTI RAJARAM	5	6	21	0	32	64
29	SHINDE NILESH YOGIRAJ	4	6	16	0	26	52
30	SHINDE PRAMOD MANIK	4	7	18	0	29	58
31	SHINDE PRATHAMESH MANOJ	4	8	19	0	31	62
32	KUMBHAR DEEPAK PRAKASH	5	6	16	0	27	54
33	MOHITE ANKITA ANIL	5	9	17	0	31	62
34	PATIL PRASHANT APPASAHEB	4	9	20	0	33	66
35	PATIL VAIBHAV BHUPAT	5	9	19	0	33	66
36	VAREKAR TUSHAR TUKARAM	5	6	12	0	23	46
37	WAGHMODE PAVAN ARUN	4	8	23	0	35	70
38	BHOSALE INDRAJEET ARVIND	4	8	21	0	33	66
39	KAMATE BHASKAR KRISHNA	5	6	19	0	30	60
40	RANDIVE TUKARAM DNYANU	5	8	22	0	35	70
41	CHAVAN MALLAPA FATTESHINH	4	8	22	0	34	68
42	SHINDE SHRIKANT LAHU	5	8	19	0	32	64
43	ASWALE KARAN JAYAWANT	5	8	18	0	31	62
44	DESAI KETAN KRISHNAT	4	7	18	0	29	58
45	PATIL NIKHIL PRAKASH	4	6	21	0	31	62
46	CHAVAN NITESH SANJAY	4	8	20	0	32	64
47	SALOKHE VAIBHAV VISHWAS	4	6	17	0	27	54
48	VADAM PALLAVI SHANKAR	5	8	19	0	32	64
49	UBARE SONALI NARENDRA	5	6	18	0	29	58
50	POWAR AKSHAY SANJAY	4	9	16	0	29	58
<b>Total</b>		<b>221</b>	<b>371</b>	<b>871</b>	<b>0</b>	<b>1463</b>	2926
<b>Average</b>	<b>5/15/30/0/50/100</b>	<b>4.42</b>	<b>7.42</b>	<b>17.42</b>	<b>0.00</b>	<b>29.26</b>	<b>58.52</b>

44

No. of Student score more than 50% of marks is 44 out of 50 i.e. 88.00 %

**Attainment Level: 78.94 % students achieved marks greater than 50%, thus the attainment level is 3**

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JAIN

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**Subject : DESIGN OF STEEL STRUCTURE**

Unit Test - 2							
Roll No.	Name of Student	Unit Test - 2 Attainment Marks				Total Marks out	%
		0	0	30	20		
		CO1	CO2	CO3	CO4		
1	BARAKALE ASHITOSH RAJENDRA	0	0	23	11	34	68
2	BHOSALE MAHESH MANIK	0	0	12	11	23	46
3	BHOSALE RAJNANDINI VIJAYKUMAR	0	0	19	11	30	60
4	BORGE SHIVANI SAMBHAJI	0	0	16	11	27	54
5	DANDAGE AKSHAY SHIVAJI	0	0	15	10	25	50
6	DANOLE SUSHANT JIVANDHAR	0	0	16	13	29	58
7	GIRI NEHA HINDURAV	0	0	18	13	31	62
8	GOILKAR TUSHAR VIJAY	0	0	17	11	28	56
9	HIRDEKAR RANJEET ANANDARAO	0	0	11	11	22	44
10	KAMBLE KARAN SUDHIR	0	0	13	11	24	48
11	KASHID SHIVDEEP SARJERAQ	0	0	16	13	29	58
12	KOLEKAR DIGVIJAY SHANKAR	0	0	18	12	30	60
13	KORE SAYALI ANNASO	0	0	17	12	29	58
14	KUMBHAR ASHVINKUMAR RANGRAO	0	0	13	10	23	46
15	KUMBHAR SURAJ VASANT	0	0	10	12	22	44
16	MAGDUM PRATIT RAJARAM	0	0	10	12	22	44
17	MUDALKAR NIKHIL SADANAND	0	0	15	11	26	52
18	MUJAWAR TAIYABA NAJIRAHAMAD	0	0	12	13	25	50
19	PAKHARE KRISHNA MARUTI	0	0	10	13	23	46
20	PANTOJI ANKUSH MARUTI	0	0	18	12	30	60
21	PATIL MANOJ MAHADEV	0	0	18	13	31	62
22	PATIL PRUTHVIRAJ AMBAJI	0	0	19	13	32	64
23	PATIL RUTURAJ YUVARAJ	0	0	13	13	26	52
24	PATIL VISHAL SANJAY	0	0	21	13	34	68
25	PATIL VISHAL VILAS	0	0	14	13	27	54
26	RAMANE ABHJEET ANANDA	0	0	16	12	28	56
27	SANGINKAR ANKUSH RAMCHANDRA	0	0	23	10	33	66
28	SHINDE MARUTI RAJARAM	0	0	23	11	34	68
29	SHINDE NILESH YOGIRAJ	0	0	20	12	32	64
30	SHINDE PRAMOD MANIK	0	0	20	11	31	62
31	SHINDE PRATHAMESH MANOJ	0	0	21	13	34	68
32	KUMBHAR DEEPAK PRAKASH	0	0	21	13	34	68

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33	MOHITE ANKITA ANIL	0	0	20	13	33	66
34	PATIL PRASHANT APPASAHEB	0	0	18	10	28	56
35	PATIL VAIBHAV BHUPAT	0	0	18	11	29	58
36	VAREKAR TUSHAR TUKARAM	0	0	12	14	26	52
37	WAGHMODE PAVAN ARUN	0	0	23	12	35	70
38	BHOSALE INDRAJEET ARVIND	0	0	22	11	33	66
39	KAMATE BHASKAR KRISHNA	0	0	24	13	37	74
40	RANDIVE TUKARAM DNYANU	0	0	25	11	36	72
41	CHAVAN MALLAPA FATTESHINH	0	0	23	13	36	72
42	SHINDE SHRIKANT LAHU	0	0	23	11	34	68
43	ASWALE KARAN JAYAWANT	0	0	12	13	25	50
44	DESAI KETAN KRISHNAT	0	0	23	14	37	74
45	PATIL NIKHIL PRAKASH	0	0	23	12	35	70
46	CHAVAN NITESH SANJAY	0	0	22	12	34	68
47	SALOKHE VAIBHAV VISHWAS	0	0	20	13	33	66
48	VADAM PALLAVI SHANKAR	0	0	21	14	35	70
49	UBARE SONALI NARENDRA	0	0	21	12	33	66
50	POWAR AKSHAY SANJAY	0	0	22	10	32	64
<b>Total</b>		<b>0</b>	<b>0</b>	<b>900</b>	<b>599</b>	<b>1499</b>	2998
<b>Average</b>	<b>0/0/30/20/50/100</b>	<b>0.00</b>	<b>0.00</b>	<b>18.00</b>	<b>11.98</b>	<b>29.98</b>	<b>59.96</b>

No. of Student score more than 50% of marks is 40 out of 50 i.e. 80 %

**Attainment Level: 78.94 % students achieved marks greater than 50%, thus the attainment level is 3**

#### Assignment Attainment Matrix for Subject : PMCE

		Assignment							
		Assignment Attainment (Marks)							
Roll No.	Name of Student	1	2	3	4	5	6	Total Marks out	%
		10 CO1	10 CO2	10 CO2	10 CO2	10 CO4	10 CO4		
1	BARAKALE ASHITOSH RAJENDRA	8	7	8	9	9	8	49	54.44
2	BHOSALE MAHESH MANIK	7	8	9	7	7	7	45	50.00
3	BHOSALE RAJNANDINI VIJAYKUMAR	9	7	7	8	7	7	45	50.00
4	BORGE SHIVANI SAMBHAJI	7	9	9	7	8	8	48	53.33
5	DANDAGE AKSHAY SHIVAJI	8	9	8	9	8	9	51	56.67
6	DANOLE SUSHANT JIVANDHAR	8	8	8	9	8	7	48	53.33
7	GIRI NEHA HINDURAV	7	9	7	7	8	9	47	52.22
8	GOILKAR TUSHAR VIJAY	9	8	7	9	9	7	49	54.44
9	HIRDEKAR RANJEET ANANDARAO	7	9	9	8	9	7	49	54.44
10	KAMBLE KARAN SUDHIR	9	8	7	7	8	9	48	53.33
11	KASHID SHIVDEEP SARJERAO	8	8	9	7	8	8	48	53.33
12	KOLEKAR DIGVIJAY SHANKAR	8	8	9	7	8	9	49	54.44
13	KORE SAYALI ANNASO	8	7	8	9	9	7	48	53.33
14	KUMBHAR ASHVINKUMAR RANGRAO	9	9	7	7	7	9	48	53.33
15	KUMBHAR SURAJ VASANT	9	9	9	7	7	7	48	53.33
16	MAGDUM PRATIT RAJARAM	7	8	7	7	7	9	45	50.00
17	MUDALKAR NIKHIL SADANAND	7	7	7	8	8	9	46	51.11
18	MUJAWAR TAIYABA NAJIRAHAMAD	9	7	7	8	8	8	47	52.22
19	PAKHARE KRISHNA MARUTI	8	9	9	9	8	7	50	55.56
20	PANTOJI ANKUSH MARUTI	9	8	7	7	8	9	48	53.33
21	PATIL MANOJ MAHADEV	8	9	7	7	7	8	46	51.11
22	PATIL PRUTHVIRAJ AMBAJI	8	8	8	9	7	8	48	53.33
23	PATIL RUTURAJ YUVARAJ	7	9	7	7	8	7	45	50.00
24	PATIL VISHAL SANJAY	8	9	9	8	8	8	50	55.56
25	PATIL VISHAL VILAS	9	8	9	7	7	8	48	53.33
26	RAMANE ABHJEET ANANDA	8	7	8	8	7	8	46	51.11
27	SANGINKAR ANKUSH RAMCHANDRA	8	7	7	7	8	9	46	51.11
28	SHINDE MARUTI RAJARAM	9	9	9	9	8	7	50	55.56
29	SHINDE NILESH YOGIRAJ	9	9	9	8	8	7	46	51.11

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30	SHINDE PRAMOD MANIK	8	7	9	8	9	9	50	55.56
31	SHINDE PRATHAMESH MANOJ	7	7	9	7	7	8	45	50.00
32	KUMBHAR DEEPAK PRAKASH	7	8	9	7	7	9	47	52.22
33	MOHITE ANKITA ANIL	9	7	8	8	7	9	48	53.33
34	PATIL PRASHANT APPASAHEB	8	7	7	9	9	8	48	53.33
35	PATIL VAIBHAV BHUPAT	9	9	9	8	9	7	51	56.67
36	VAREKAR TUSHAR TUKARAM	7	8	8	7	7	8	45	50.00
37	WAGHMODE PAVAN ARUN	7	9	8	7	8	8	47	52.22
38	BHOSALE INDRAJEET ARVIND	8	8	8	7	9	8	48	53.33
39	KAMATE BHASKAR KRISHNA	9	9	7	9	8	9	51	56.67
40	RANDIVE TUKARAM DNYANU	7	9	7	8	9	8	48	53.33
41	CHAVAN MALLAPA FATTESHINH	9	7	7	9	7	7	46	51.11
42	SHINDE SHRIKANT LAHU	7	7	8	9	9	7	47	52.22
43	ASWALE KARAN JAYAWANT	8	8	8	9	8	8	49	54.44
44	DESAI KETAN KRISHNAT	8	7	7	8	8	9	47	52.22
45	PATIL NIKHIL PRAKASH	9	8	7	8	9	9	50	55.56
46	CHAVAN NITESH SANJAY	9	7	9	9	8	7	49	54.44
47	SALOKHE VAIBHAV VISHWAS	8	9	8	7	8	9	49	54.44
48	VADAM PALLAVI SHANKAR	7	7	9	9	7	8	47	52.22
49	UBARE SONALI NARENDRA	9	7	7	9	7	8	47	52.22
50	POWAR AKSHAY SANJAY	9	9	8	7	8	8	49	81.67
<b>Total</b>		<b>402</b>	<b>398</b>	<b>398</b>	<b>395</b>	<b>395</b>	<b>401</b>	<b>2389</b>	<b>2681.67</b>
<b>Average</b>	<b>26/24/0/0/0/0/50/100</b>	<b>8.04</b>	<b>7.96</b>	<b>7.96</b>	<b>7.90</b>	<b>7.90</b>	<b>8.02</b>	<b>47.78</b>	<b>53.63</b>

50.00 |

No. of Student score more than 50% of marks is 50 out of 50 i.e. 100 %

**Attainment Level: 100 % students achieved marks greater than 50%, thus the attainment level is 3****Final Exam Marks**

Roll No.	Name of Student	Marks Out of 100
1	BARAKALE ASHITOSH RAJENDRA	47
2	BHOSALE MAHESH MANIK	43
3	BHOSALE RAJNANDINI VIJAYKUMAR	8
4	BORGE SHIVANI SAMBHAJI	54
5	DANDAGE AKSHAY SHIVAJI	44
6	DANOLE SUSHANT JIVANDHAR	40
7	GIRI NEHA HINDURAV	67
8	GOILKAR TUSHAR VIJAY	42
9	HIRDEKAR RANJEET ANANDARAO	43
10	KAMBLE KARAN SUDHIR	32
11	KASHID SHIVDEEP SARJERAO	42
12	KOLEKAR DIGVIJAY SHANKAR	41
13	KORE SAYALI ANNASO	53
14	KUMBHAR ASHVINKUMAR RANGRAO	40
15	KUMBHAR SURAJ VASANT	40
16	MAGDUM PRATIT RAJARAM	45
17	MUDALKAR NIKHIL SADANAND	40
18	MUJAWAR TAIYABA NAJIRAHAMAD	40
19	PAKHARE KRISHNA MARUTI	50
20	PANTOJI ANKUSH MARUTI	50
21	PATIL MANOJ MAHADEV	41
22	PATIL PRUTHVIRAJ AMBAJI	40
23	PATIL RUTURAJ YUVARAJ	40
24	PATIL VISHAL SANJAY	43
25	PATIL VISHAL VILAS	48
26	RAMANE ABHJEET ANANDA	26
27	SANGINKAR ANKUSH RAMCHANDRA	40
28	SHINDE MARUTI RAJARAM	42
29	SHINDE NILESH YOGIRAJ	45
30	SHINDE PRAMOD MANIK	55.56
31	SHINDE PRATHAMESH MANOJ	50.00
32	KUMBHAR DEEPAK PRAKASH	52.22

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33	MOHITE ANKITA ANIL	41
34	PATIL PRASHANT APPASAHEB	37
35	PATIL VAIBHAV BHUPAT	40
36	VAREKAR TUSHAR TUKARAM	34
37	WAGHMODE PAVAN ARUN	27
38	BHOSALE INDRAJEET ARVIND	42
39	KAMATE BHASKAR KRISHNA	37
40	DESAI SATYAM SHAMRAO	26
41	CHAVAN MALLAPA FATTESHINH	48
42	SHINDE SHRIKANT LAHU	40
43	ASWALE KARAN JAYAWANT	35
44	DESAI KETAN KRISHNAT	33
45	PATIL NIKHIL PRAKASH	32
46	CHAVAN NITESH SANJAY	40
47	SALOKHE VAIBHAV VISHWAS	21
48	VADAM PALLAVI SHANKAR	21
49	UBARE SONALI NARENDRA	59
50	POWAR AKSHAY SANJAY	44
51	SUTAR TUSHAR TUKARAM	28
	100	39.78

25

No. of Student score more than 40% of marks is 25 out of 50 i.e. 50 %

**Attainment Level: 50 % students achieved marks greater than 40%, thus the attainment level is 1****CO Attainment Table**

Course Outcomes	Unit Test		Assignment						Final Exam	Total	%	3	2	1
	Unit test -1	Unit test -2	1	2	3	4	5	6						
<b>C502.01</b>	4.42	0	10						39.78	54.20	47.13	2.83	1.89	0.94
<b>C502.02</b>	7.42	0		10					39.78	57.20	45.76	2.75	1.83	0.92
<b>C502.03</b>	17.42	18.00			10	10	10		39.78	105.20	55.37	3.32	2.21	1.11
<b>C502.04</b>	0	11.98						10	39.78	61.76	47.51	2.85	1.90	0.95

Target set is 50 %

Course outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
<b>C502.01</b>	2.83	0.17	0.08	0.00	--	--	--	--	--	--	--	0.94	2.83	--	0.94
<b>C502.02</b>	2.75	1.83	2.75	0.00	--	--	--	--	--	--	--	0.92	2.75	--	0.92
<b>C502.03</b>	3.32	2.21	3.32	0.00	--	--	--	--	--	--	--	1.11	3.32	--	1.11
<b>C502.04</b>	2.85	2.85	1.90	0	0.95	--	--	--	--	--	--	0.95	2.85	--	2.85
<b>Average</b>	<b>2.94</b>	<b>1.77</b>	<b>2.01</b>	<b>0.00</b>	<b>0.95</b>	--	--	--	--	--	--	<b>0.98</b>	<b>2.94</b>	--	<b>1.45</b>

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## CO-PSO Matrix for Design of Steel Structure 2018 19



Course outcomes	Program Specific Outcomes		
	PSO1	PSO2	PSO3
C502.01	3	--	1
C502.02	3	--	1
C502.03	3	--	1
C502.04	3	--	3
Average	3	--	1.5

  
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## Cos - Pos - PSOs Matrix for Design of Steel Structure 2018 19

Course outcome	Program Outcomes												Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C502.01	3	3	1	--	--	--	--	--	--	--	--	1	3	--	1
C502.02	3	2	3	--	--	--	--	--	--	--	--	1	3	--	1
C502.03	3	2	3	--	--	--	--	--	--	--	--	1	3	--	1
C502.04	3	3	2	--	1	--	--	--	--	--	--	1	3	--	3
<b>Average</b>	<b>3</b>	<b>2.5</b>	<b>2.25</b>	<b>--</b>	<b>1</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>1</b>	<b>3</b>	<b>--</b>	<b>1.5</b>

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## CO Assessment Matrix for Design of Steel Structure 2018 19

Course Outcomes	Unit Test		Assignments						Final Exam	Total
	1	2	1	2	3	4	5	6		
C502.01	5	0	10							115
C502.02	15	0		10						125
C502.03	30	30			10	10	10	10		190
C502.04	0	20						10		130
Total	50	50							100	

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
**Sub: DESIGN OF STEEL STRUCTURE**

**Unit Test 1**

Roll No.	Name of Student	Q.1.	Q.2	Q.3	Q.4	Q.5	Total Marks
		5	15	5	15	10	50
		CO1	CO2	CO3	CO3	CO3	
1	BARAKALE ASHITOSH RAJENDRA	5	8	3	12	8	36
2	BHOSALE MAHESH MANIK	5	9	3	4	7	28
3	BHOSALE RAJNANDINI VIJAYKUMAR	4	7	4	10	8	33
4	BORGE SHIVANI SAMBHAJI	5	8	4	8	7	32
5	DANDAGE AKSHAY SHIVAJI	5	6	3	7	6	27
6	DANOLE SUSHANT JIVANDHAR	2	6	3	7	8	26
7	GIRI NEHA HINDURAV	4	7	4	7	9	31
8	GOILKAR TUSHAR VIJAY	4	9	3	6	6	28
9	HIRDEKAR RANJEET ANANDARAO	4	6	2	0	6	18
10	KAMBLE KARAN SUDHIR	5	9	3	2	9	28
11	KASHID SHIVDEEP SARJERAO	4	9	2	6	7	28
12	KOLEKAR DIGVIJAY SHANKAR	4	6	4	8	6	28
13	KORE SAYALI ANNASO	4	9	4	6	6	29
14	KUMBHAR ASHVINKUMAR RANGRAO	4	6	3	2	9	24
15	KUMBHAR SURAJ VASANT	4	8	4	2	9	27
16	MAGDUM PRATIT RAJARAM	5	6	1	2	8	22
17	MUDALKAR NIKHIL SADANAND	4	7	4	6	9	30
18	MUJAWAR TAIYABA NAJIRAHAMAD	5	8	3	3	8	27
19	PAKHARE KRISHNA MARUTI	5	9	2	2	7	25
20	PANTOJI ANKUSH MARUTI	4	7	2	8	6	27
21	PATIL MANOJ MAHADEV	5	8	2	8	9	32
22	PATIL PRUTHVIRAJ AMBAJI	4	6	3	10	8	31
23	PATIL RUTURAJ YUVARAJ	5	8	3	3	6	25
24	PATIL VISHAL SANJAY	5	7	4	11	4	31
25	PATIL VISHAL VILAS	4	8	3	10	6	31
26	RAMANE ABHIJEET ANANDA	5	7	2	6	6	26
27	SANGINKAR ANKUSH RAMCHANDRA	4	7	2	9	7	29
28	SHINDE MARUTI RAJARAM	5	6	4	9	8	32
29	SHINDE NILESH YOGIRAJ	4	6	3	7	6	26
30	SHINDE PRAMOD MANIK	4	7	3	7	8	29
31	SHINDE PRATHAMESH MANOJ	4	8	3	8	8	31
32	KUMBHAR DEEPAK PRAKASH	5	6	2	8	6	27
33	MOHITE ANKITA ANIL	5	9	2	8	7	31
34	PATIL PRASHANT APPASAHEB	4	9	4	8	8	31
35	PATIL VAIBHAV BHUPAT	5	9	3	8	8	33
36	VAREKAR TUSHAR TUKARAM	5	6	4	0	8	23
37	WAGHMODE PAVAN ARUN	4	8	4	10	9	35
38	BHOSALE INDRAJEET ARVIND	4	8	4	10	7	33
39	KAMATE BHASKAR KRISHNA	5	6	4	11	4	30
40	RANDIVE TUKARAM DNYANU	5	8	3	12	7	35
41	CHAVAN MALLAPA FATTESHINH	4	8	3	10	8	34

  
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42	SHINDE SHRIKANT LAHU	5	8	2	9	8	32
43	ASWALE KARAN JAYAWANT	5	8	3	8	7	31
44	DESAI KETAN KRISHNAT	4	7	3	9	6	29
45	PATIL NIKHIL PRAKASH	4	6	3	9	9	31
46	CHAVAN NITESH SANJAY	4	8	4	9	7	32
47	SALOKHE VAIBHAV VISHWAS	4	6	3	7	7	27
48	VADAM PALLAVI SHANKAR	5	8	2	8	9	32
49	UBARE SONALI NARENDRA	5	6	4	8	6	29
50	POWAR AKSHAY SANJAY	4	9	2	8	6	29

**Sub: DESIGN OF STEEL STRUCTURE**

**Unit Test 2**

Roll No.	Name of Student	Q.1.	Q.2	Q.3	Q.4	Q.5	Total Marks	
		5	15	10	5	15		50
		CO3	CO3	CO3	CO4	CO4		
1	BARAKALE ASHITOSH RAJENDRA	5	12	6	5	6	34	
2	BHOSALE MAHESH MANIK	4	4	4	5	6	23	
3	BHOSALE RAJNANDINI VIJAYKUMAR	5	10	4	5	6	30	
4	BORGE SHIVANI SAMBHAJI	4	8	4	5	6	27	
5	DANDAGE AKSHAY SHIVAJI	4	7	4	4	6	25	
6	DANOLE SUSHANT JIVANDHAR	4	7	5	5	8	29	
7	GIRI NEHA HINDURAV	5	7	6	5	8	31	
8	GOILKAR TUSHAR VIJAY	5	6	6	4	7	28	
9	HIRDEKAR RANJEET ANANDARAO	5	0	6	4	7	22	
10	KAMBLE KARAN SUDHIR	5	2	6	5	6	24	
11	KASHID SHIVDEEP SARJERAO	4	6	6	4	9	29	
12	KOLEKAR DIGVIJAY SHANKAR	4	8	6	5	7	30	
13	KORE SAYALI ANNASO	5	6	6	4	8	29	
14	KUMBHAR ASHVINKUMAR RANGRAO	5	2	6	4	6	23	
15	KUMBHAR SURAJ VASANT	5	2	3	5	7	22	
16	MAGDUM PRATIT RAJARAM	4	2	4	4	8	22	
17	MUDALKAR NIKHIL SADANAND	5	6	4	5	6	26	
18	MUJAWAR TAIYABA NAJIRAHAMAD	4	3	5	5	8	25	
19	PAKHARE KRISHNA MARUTI	4	2	4	4	9	23	
20	PANTOJI ANKUSH MARUTI	5	8	5	5	7	30	
21	PATIL MANOJ MAHADEV	5	8	5	4	9	31	
22	PATIL PRUTHVIRAJ AMBAJI	4	10	5	5	8	32	
23	PATIL RUTURAJ YUVARAJ	4	3	6	5	8	26	
24	PATIL VISHAL SANJAY	5	11	5	4	9	34	
25	PATIL VISHAL VILAS	4	10	0	5	8	27	
26	RAMANE ABHIJEET ANANDA	4	6	6	5	7	28	
27	SANGINKAR ANKUSH RAMCHANDRA	5	9	9	4	6	33	
28	SHINDE MARUTI RAJARAM	5	9	9	5	6	34	
29	SHINDE NILESH YOGIRAJ	5	7	8	4	8	32	

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30	SHINDE PRAMOD MANIK	5	7	8	5	6	34
31	SHINDE PRATHAMESH MANOJ	5	8	8	4	9	34
32	KUMBHAR DEEPAK PRAKASH	5	8	8	5	8	33
33	MOHITE ANKITA ANIL	4	8	8	4	9	28
34	PATIL PRASHANT APPASAHEB	5	8	5	4	6	29
35	PATIL VAIBHAV BHUPAT	5	8	5	4	7	26
36	VAREKAR TUSHAR TUKARAM	4	0	8	5	9	25
37	WAGHMODE PAVAN ARUN	5	10	8	5	7	31
38	BHOSALE INDRAJEET ARVIND	4	10	8	5	6	37
39	KAMATE BHASKAR KRISHNA	4	11	9	4	9	36
40	RANDIVE TUKARAM DNYANU	4	12	9	4	7	36
41	CHAVAN MALLAPA FATTESHINH	4	10	9	4	9	34
42	SHINDE SHRIKANT LAHU	5	9	9	5	6	25
43	ASWALE KARAN JAYAWANT	4	8	0	4	9	37
44	DESAI KETAN KRISHNAT	5	9	9	5	9	35
45	PATIL NIKHIL PRAKASH	5	9	9	5	7	34
46	CHAVAN NITESH SANJAY	4	9	9	4	8	33
47	SALOKHE VAIBHAV VISHWAS	4	7	9	4	9	35
48	VADAM PALLAVI SHANKAR	4	8	9	5	9	33
49	UBARE SONALI NARENDRA	4	8	9	4	8	32
50	POWAR AKSHAY SANJAY	5	8	9	4	6	32

  
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**Subject : DESIGN OF STEEL STRUCTURE**



Unit Test -1							
Roll No.	Name of Student	Unit Test - 1 Attainment Marks				Total Marks out of 50	%
		5 CO1	24 CO2	0 CO3	0 CO4		
1	BARAKALE ASHITOSH RAJENDRA	5	8	23	0	36	72
2	BHOSALE MAHESH MANIK	5	9	14	0	28	56
3	BHOSALE RAJNANDINI VIJAYKUMAR	4	7	22	0	33	66
4	BORGE SHIVANI SAMBHAJI	5	8	19	0	32	64
5	DANDAGE AKSHAY SHIVAJI	5	6	16	0	27	54
6	DANOLE SUSHANT JIVANDHAR	2	6	18	0	26	52
7	GIRI NEHA HINDURAV	4	7	20	0	31	62
8	GOILKAR TUSHAR VIJAY	4	9	15	0	28	56
9	HIRDEKAR RANJEET ANANDARAO	4	6	8	0	18	36
10	KAMBLE KARAN SUDHIR	5	9	14	0	28	56
11	KASHID SHIVDEEP SARJERAO	4	9	15	0	28	56
12	KOLEKAR DIGVIJAY SHANKAR	4	6	18	0	28	56
13	KORE SAYALI ANNASO	4	9	16	0	29	58
14	KUMBHAR ASHVINKUMAR RANGRAO	4	6	14	0	24	48
15	KUMBHAR SURAJ VASANT	4	8	15	0	27	54
16	MAGDUM PRATIT RAJARAM	5	6	11	0	22	44
17	MUDALKAR NIKHIL SADANAND	4	7	19	0	30	60
18	MUJAWAR TAIYABA NAJIRAHAMAD	5	8	14	0	27	54
19	PAKHARE KRISHNA MARUTI	5	9	11	0	25	50
20	PANTOJI ANKUSH MARUTI	4	7	16	0	27	54
21	PATIL MANOJ MAHADEV	5	8	19	0	32	64
22	PATIL PRUTHVIRAJ AMBAJI	4	6	21	0	31	62
23	PATIL RUTURAJ YUVARAJ	5	8	12	0	25	50
24	PATIL VISHAL SANJAY	5	7	19	0	31	62
25	PATIL VISHAL VILAS	4	8	19	0	31	62
26	RAMANE ABHJEET ANANDA	5	7	14	0	26	52
27	SANGINKAR ANKUSH RAMCHANDRA	4	7	18	0	29	58
28	SHINDE MARUTI RAJARAM	5	6	21	0	32	64
29	SHINDE NILESH YOGIRAJ	4	6	16	0	26	52
30	SHINDE PRAMOD MANIK	4	7	18	0	29	58
31	SHINDE PRATHAMESH MANOJ	4	8	19	0	31	62
32	KUMBHAR DEEPAK PRAKASH	5	6	16	0	27	54
33	MOHITE ANKITA ANIL	5	9	17	0	31	62
34	PATIL PRASHANT APPASAHEB	4	9	20	0	33	66
35	PATIL VAIBHAV BHUPAT	5	9	19	0	33	66
36	VAREKAR TUSHAR TUKARAM	5	6	12	0	23	46
37	WAGHMODE PAVAN ARUN	4	8	23	0	35	70
38	BHOSALE INDRAJEET ARVIND	4	8	21	0	33	66
39	KAMATE BHASKAR KRISHNA	5	6	19	0	30	60
40	RANDIVE TUKARAM DNYANU	5	8	22	0	35	70
41	CHAVAN MALLAPA FATTESHINH	4	8	22	0	34	68
42	SHINDE SHRIKANT LAHU	5	8	19	0	32	64
43	ASWALE KARAN JAYAWANT	5	8	18	0	31	62
44	DESAI KETAN KRISHNAT	4	7	18	0	29	58
45	PATIL NIKHIL PRAKASH	4	6	21	0	31	62
46	CHAVAN NITESH SANJAY	4	8	20	0	32	64
47	SALOKHE VAIBHAV VISHWAS	4	6	17	0	27	54
48	VADAM PALLAVI SHANKAR	5	8	19	0	32	64
49	UBARE SONALI NARENDRA	5	6	18	0	29	58
50	POWAR AKSHAY SANJAY	4	9	16	0	29	58
<b>Total</b>		<b>221</b>	<b>371</b>	<b>871</b>	<b>0</b>	<b>1463</b>	<b>2926</b>
<b>Average</b>	<b>5/15/30/0/50/100</b>	<b>4.42</b>	<b>7.42</b>	<b>17.42</b>	<b>0.00</b>	<b>29.26</b>	<b>58.52</b>

44

No. of Student score more than 50% of marks is 44 out of 50 i.e. 88.00 %  
**Attainment Level: 88.94 % students achieved marks greater than 50%, thus the attainment level is 3**

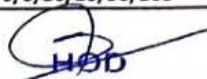
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**Subject : DESIGN OF STEEL STRUCTURE**



Unit Test -2							
Roll No.	Name of Student	Unit Test - 2 Attainment Marks				Total Marks out of 50	%
		0	0	30	20		
		CO1	CO2	CO3	CO4		
1	BARAKALE ASHITOSH RAJENDRA	0	0	23	11	34	68
2	BHOSALE MAHESH MANIK	0	0	12	11	23	46
3	BHOSALE RAJNANDINI VIJAYKUMAR	0	0	19	11	30	60
4	BORGE SHIVANI SAMBHAJI	0	0	16	11	27	54
5	DANDAGE AKSHAY SHIVAJI	0	0	15	10	25	50
6	DANOLE SUSHANT JIVANDHAR	0	0	16	13	29	58
7	GIRI NEHA HINDURAV	0	0	18	13	31	62
8	GOILKAR TUSHAR VIJAY	0	0	17	11	28	56
9	HIRDEKAR RANJEET ANANDARAO	0	0	11	11	22	44
10	KAMBLE KARAN SUDHIR	0	0	13	11	24	48
11	KASHID SHIVDEEP SARJERAO	0	0	16	13	29	58
12	KOLEKAR DIGVIJAY SHANKAR	0	0	18	12	30	60
13	KORE SAYALI ANNASO	0	0	17	12	29	58
14	KUMBHAR ASHVINKUMAR RANGRAO	0	0	13	10	23	46
15	KUMBHAR SURAJ VASANT	0	0	10	12	22	44
16	MAGDUM PRATIT RAJARAM	0	0	10	12	22	44
17	MUDALKAR NIKHIL SADANAND	0	0	15	11	26	52
18	MUJAWAR TAIYABA NAJIRAHAMAD	0	0	12	13	25	50
19	PAKHARE KRISHNA MARUTI	0	0	10	13	23	46
20	PANTOJI ANKUSH MARUTI	0	0	18	12	30	60
21	PATIL MANOJ MAHADEV	0	0	18	13	31	62
22	PATIL PRUTHVIRAJ AMBAJI	0	0	19	13	32	64
23	PATIL RUTURAJ YUVARAJ	0	0	13	13	26	52
24	PATIL VISHAL SANJAY	0	0	21	13	34	68
25	PATIL VISHAL VILAS	0	0	14	13	27	54
26	RAMANE ABHIJEET ANANDA	0	0	16	12	28	56
27	SANGINKAR ANKUSH RAMCHANDRA	0	0	23	10	33	66
28	SHINDE MARUTI RAJARAM	0	0	23	11	34	68
29	SHINDE NILESH YOGIRAJ	0	0	20	12	32	64
30	SHINDE PRAMOD MANIK	0	0	20	11	31	62
31	SHINDE PRATHAMESH MANOJ	0	0	21	13	34	68
32	KUMBHAR DEEPAK PRAKASH	0	0	21	13	34	68
33	MOHITE ANKITA ANIL	0	0	20	13	33	66
34	PATIL PRASHANT APPASAHEB	0	0	18	10	28	56
35	PATIL VAIBHAV BHUPAT	0	0	18	11	29	58
36	VAREKAR TUSHAR TUKARAM	0	0	12	14	26	52
37	WAGHMODE PAVAN ARUN	0	0	23	12	35	70
38	BHOSALE INDRAJEET ARVIND	0	0	22	11	33	66
39	KAMATE BHASKAR KRISHNA	0	0	24	13	37	74
40	RANDIVE TUKARAM DNYANU	0	0	25	11	36	72
41	CHAVAN MALLAPA FATTESHINH	0	0	23	13	36	72
42	SHINDE SHRIKANT LAHU	0	0	23	11	34	68
43	ASWALE KARAN JAYAWANT	0	0	12	13	25	50
44	DESAI KETAN KRISHNAT	0	0	23	14	37	74
45	PATIL NIKHIL PRAKASH	0	0	23	12	35	70
46	CHAVAN NITESH SANJAY	0	0	22	12	34	68
47	SALOKHE VAIBHAV VISHWAS	0	0	20	13	33	66
48	VADAM PALLAVI SHANKAR	0	0	21	14	35	70
49	UBARE SONALI NARENDRA	0	0	21	12	33	66
50	POWAR AKSHAY SANJAY	0	0	22	10	32	64
<b>Total</b>		<b>0</b>	<b>0</b>	<b>900</b>	<b>599</b>	<b>1499</b>	<b>2998</b>
<b>Average</b>	<b>0/0/30/20/50/100</b>	<b>0.00</b>	<b>0.00</b>	<b>18.00</b>	<b>11.98</b>	<b>29.98</b>	<b>59.96</b>

  
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### Final Exam Marks 2018 19

Roll No.	Name of Student	Marks Out of 100
1	BARAKALE ASHITOSH RAJENDRA	47
2	BHOSALE MAHESH MANIK	43
3	BHOSALE RAJNANDINI VIJAYKUMAR	8
4	BORGE SHIVANI SAMBHAJI	54
5	DANDAGE AKSHAY SHIVAJI	44
6	DANOLE SUSHANT JIVANDHAR	40
7	GIRI NEHA HINDURAV	67
8	GOILKAR TUSHAR VIJAY	42
9	HIRDEKAR RANJEET ANANDARAO	43
10	KAMBLE KARAN SUDHIR	32
11	KASHID SHIVDEEP SARJERAO	42
12	KOLEKAR DIGVIJAY SHANKAR	41
13	KORE SAYALI ANNASO	53
14	KUMBHAR ASHVINKUMAR RANGRAO	40
15	KUMBHAR SURAJ VASANT	40
16	MAGDUM PRATIT RAJARAM	45
17	MUDALKAR NIKHIL SADANAND	40
18	MUJAWAR TAIYABA NAJIRAHAMAD	40
19	PAKHARE KRISHNA MARUTI	50
20	PANTOJI ANKUSH MARUTI	50
21	PATIL MANOJ MAHADEV	41
22	PATIL PRUTHVIRAJ AMBAJI	40
23	PATIL RUTURAJ YUVARAJ	40
24	PATIL VISHAL SANJAY	43
25	PATIL VISHAL VILAS	48
26	RAMANE ABHIJEET ANANDA	26
27	SANGINKAR ANKUSH RAMCHANDRA	40
28	SHINDE MARUTI RAJARAM	42
29	SHINDE NILESH YOGIRAJ	45
30	SHINDE PRAMOD MANIK	47
31	SHINDE PRATHAMESH MANOJ	44
32	KUMBHAR DEEPAK PRAKASH	27
33	MOHITE ANKITA ANIL	41
34	PATIL PRASHANT APPASAHEB	37
35	PATIL VAIBHAV BHUPAT	40
36	VAREKAR TUSHAR TUKARAM	34
37	WAGHMODE PAVAN ARUN	27
38	BHOSALE INDRAJEET ARVIND	42
39	KAMATE BHASKAR KRISHNA	37
40	DESAI SATYAM SHAMRAO	26
41	CHAVAN MALLAPA FATTESHINH	48
42	SHINDE SHRIKANT LAHU	40
43	ASWALE KARAN JAYAWANT	35

  
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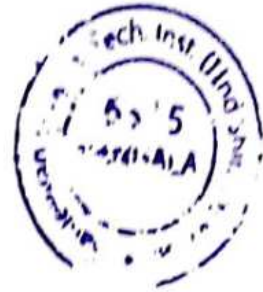
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44	DESAI KETAN KRISHNAT	33
45	PATIL NIKHIL PRAKASH	32
46	CHAVAN NITESH SANJAY	40
47	SALOKHE VAIBHAV VISHWAS	21
48	VADAM PALLAVI SHANKAR	21
49	UBARE SONALI NARENDRA	59
50	POWAR AKSHAY SANJAY	44
51	SUTAR TUSHAR TUKARAM	28
	100	39.78

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CO Attainment Table DSS 2018 19

Course Outcomes	Unit Test		Assignment						Final Exam	Total	%	3	2	1
	Unit test -1	Unit test -2	1	2	3	4	5	6						
C502.01	4.42	0	10						39.78	54.20	47.13	2.83	1.89	0.94
C502.02	7.42	0		10					39.78	57.20	45.76	2.75	1.83	0.92
C502.03	17.42	18.00			10	10	10		39.78	105.20	55.37	3.32	2.21	1.11
C502.04	0	11.98						10	39.78	61.76	47.51	2.85	1.90	0.95

Target set is 50 %

Course outcomes	Program Outcomes										Program Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C502.01	2.83	0.17	0.08	0.00	--	--	--	--	--	--	--	0.94	2.83	--	0.94
C502.02	2.75	1.83	2.75	0.00	--	--	--	--	--	--	--	0.92	2.75	--	0.92
C502.03	3.32	2.21	3.32	0.00	--	--	--	--	--	--	--	1.11	3.32	--	1.11
C502.04	2.85	2.85	1.90	0	0.95	--	--	--	--	--	--	0.95	2.85	--	2.85
Average	2.94	1.77	2.01	0.00	0.95	--	--	--	--	--	--	0.98	2.94	--	1.45

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REFRIGERATION AND AIR CONDITIONING 2018 - 2019

Course Outcomes	Direct Assessment			Indirect Assessment	Total
	Unit Test		Final Exam		
	Unit test -1	Unit test -2		Course Exit Survey	
CO1	0	12	100	2	112
CO2	0	8	100	2	110
CO3	0	16	100	2	118
CO4	0	14	100	2	116
CO5	50	50	100	2	152
Total	50	50	100	2	152

Actual

Course Outcomes	Direct Assessment			Indirect	Total	%	For Level 3	For Level 2	For Level 1
	Unit Test		Final Exam						
	Unit test -1	Unit test -2		Course Exit Survey					
CO1	0.00	0.00	36.06	1.69	37.75	33.71	1.84	1.23	0.61
CO2	0.00	0.00	36.06	1.61	37.67	34.25	1.87	1.25	0.62
CO3	0.00	77.25	36.06	1.58	64.89	54.99	3.00	2.00	1.00
CO4	0	6.94	36.06	1.59	44.59	38.44	2.10	1.40	0.70
CO5	41.67	0.00	36.06	1.43	79.16	52.08	2.84	1.89	0.95
	41.67	34.19							

Target is 55 %

Cos - Pos - PSOs Matrix for Refrigeration & Air Conditioning

Course outcomes	Program Outcomes (Pos)												Program Specific Outcomes (PSOs)		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CO2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CO3	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
CO4	0	0	0	3	0	0	0	0	0	0	0	0	2	0	1
CO5	3	2	2	3	0	0	0	0	0	0	0	0	3	0	2
Average	3	2	2	2.67	0	0	0	0	0	0	0	0	2.5	0	1.67
C701	3.00	2.00	2.00	2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	0.00	1.67

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# REFRIGERATIO AND AIR CONDITIONING LABORATORY(2018-19)

### CO Attainment Table

Course Outcomes	Experiments										Oral and Submission	Practical & Oral Exam.	Total	%	3	2	1	
	1	2	3	4	5	6	7	8	9	10								
C701L.1	8.98											11.86	17.26	38.10	76.20	2.86	1.91	0.95
C701L.2		8.93										11.86	17.26	38.05	76.10	2.85	1.90	0.95
C701L.3			8.91	8.92	8.80	8.76	8.89	8.87				11.86	17.26	38.03	76.06	2.85	1.90	0.95
C701L.4										8.72		11.86	17.26	37.84	75.68	2.84	1.89	0.95
C701L.5										8.92		11.86	17.26	38.04	76.08	2.85	1.90	0.95

Target set 80 %

### Cos - Pos - PSOs Matrix for Refrigeration & Air Conditioning Lab.

Course outcomes	Program Outcomes															Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C701L.1	1	3	0	0	0	0	1	0	3	0	0	3	1	0	0	3	0	2
C701L.2	3	1	1	3	3	1	3	0	3	0	0	3	3	0	0	3	0	2
C701L.3	2	2	0	0	0	1	2	0	3	0	0	0	1	1	1	3	0	2
C701L.4	2	3	0	0	3	0	0	0	3	0	0	0	0	0	1	3	0	2
C701L.5	0	3	0	0	3	0	2	0	2	0	0	0	0	1	3	0	2	
Average	2	2.40	1.00	3.00	3.00	1.0	2.0				0.0	2	2	2	1	3	0	2
<b>C701L</b>	<b>2</b>	<b>2.40</b>	<b>1.00</b>	<b>3.00</b>	<b>3.00</b>	<b>1.0</b>	<b>2.0</b>				0.0	2.67	1.75	1.5	1.00	3.00	0.00	2.00

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## REFRIGERATION AND AIR CONDITIONING

Course Outcomes	Assessment			Indirect Assessment : Course Exit Survey	Total
	Unit Test		Final Exam		
	Unit test -1	Unit test -2			
CO1	0	12	100	2	112
CO2	0	8	100	2	110
CO3	0	16	100	2	118
CO4	0	14	100	2	116
CO5	50	0	100	2	152
Total	50	50	100		

Actual

Course Outcomes	Direct Assessment			Indirect	Total	%	For Level 3	For Level 2	For Level 1
	Unit Test		Final Exam						
	Unit test -1	Unit test -2							
CO1	0.00	10.38	48	1.69	60.07	53.63	2.68	1.79	0.89
CO2	0.00	5.57	48	1.62	55.19	50.17	2.51	1.67	0.84
CO3	0.00	11.63	48	1.59	61.22	51.88	2.59	1.73	0.86
CO4	0	6.91	48	1.6	56.51	48.72	2.44	1.62	0.81
CO5	41.58	0.00	48	1.42	91.00	59.87	2.99	2.00	1.00
	11.58	34.49							

Target is 60 %

Cos - Pos - PSOs Matrix for Refrigeration & Air Conditioning

Course outcomes	Program Outcomes (Pos)												Program Specific Outcomes (PSOs)		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
	CO1	1	2	0	0	0	0	0	0	0	0	0	0	3	0
CO2	3	3	0	0	0	0	0	0	0	0	0	0	2	0	1
CO3	4	3	0	3	0	0	0	0	0	0	0	0	3	0	1
CO4	0	0	0	3	0	0	0	0	0	0	0	0	3	0	1
CO5	0	3	3	3	0	0	0	0	0	0	0	0	3	0	3
Average	3	2.67	3	3	0	0	0	0	0	0	0	0	2.8	0	1.8
CO1	3.00	2.67	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.80	0.00	1.80

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CO-PSO Matrix for Fluid Mechanics			
Course outcomes	Program Specific Outcomes		
	PSO1	PSO2	PSO3
BTMC302.1	3	0	2
BTMC302.2	3	0	2
BTMC302.3	3	0	3
BTMC302.4	3	0	3
BTMC302.5	3	0	3
BTMC302.6	3	0	3
BTMC302.7	3	0	3
Average	3	0	2.71

  
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## Cos - Pos - PSOs Matrix for Fluid Mechanics

Course outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
BTMC302.1	3	3	2	2	1	0	0	0	0	0	0	1	3	0	2
BTMC302.2	3	3	1	1	1	0	0	0	0	0	0	1	3	0	2
BTMC302.3	3	3	1	1	1	0	0	0	0	0	0	1	3	0	3
BTMC302.4	3	3	0	0	0	0	0	0	0	0	0	1	3	0	3
BTMC302.5	3	3	0	0	0	0	0	0	0	0	0	1	3	0	3
BTMC302.6	2	3	0	0	0	0	0	0	0	0	0	1	3	0	3
BTMC302.7	2	3	0	0	0	0	0	0	0	0	0	1	3	0	3
<b>Average</b>	<b>2.71</b>	<b>3</b>	<b>1.33</b>	<b>1.33</b>	<b>1.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1.00</b>	<b>3</b>	<b>0</b>	<b>2.71</b>

  
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CO Assesment Matrix for Fluid Mechanics						
Course Outcomes	Direct Assesment				Indirect Assesment	
	CA - 1	MSE	CA - 2	Final Exam	Course Exit Survey	Total
BTMC302.1	10	2		60	2	74
BTMC302.2					2	62
BTMC302.3		3			2	65
BTMC302.4		15			2	77
BTMC302.5			7		2	69
BTMC302.6			3		2	65
BTMC302.7					2	62
Total	10	20	10	60	14	

  
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# Subject : Fluid Mechanics

## Continous Assesment I

Enrollment Number	Name of Student	CA - I Attainment Marks							Total Marks out of 10	%
		10	0	0	0	0	0	0		
		CO1	CO2	CO3	CO4	CO5	CO6	CO7		
T2063151612001	AHAD SAMAD KHOCHIKAR	6	0	0	0	0	0	0	6	60
T2063151612002	NIKHIL BHIMRAO KADAM	7	0	0	0	0	0	0	7	70
T2063151612003	PRADIP SHAMRAO MANE	4	0	0	0	0	0	0	4	40
T2063151612004	PRANALI BABASAHEB KUMBHAR	7	0	0	0	0	0	0	7	70
T2063151612005	PRANAV JOTIRAM GUJAR	3	0	0	0	0	0	0	3	30
T2063151612006	PRATHMESH SUDHIR MANDUM	5	0	0	0	0	0	0	5	50
T2063151612007	SHUBHAM TUKARAM KHOT	6	0	0	0	0	0	0	6	60
T2063151612008	SHUBHAM MARUTI SHETE	4	0	0	0	0	0	0	4	40
T2063151612009	SIDDHESH SUNIL SHINDE	6	0	0	0	0	0	0	6	60
T2063151612010	SIDDHESH SANTOSH BENDKHALE	1	0	0	0	0	0	0	1	10
T2163151612501	POWAR SOURAV SHASHIKANT	10	0	0	0	0	0	0	10	100
T2163151612502	NAIK SHRIDHAR YUVRAJ	2	0	0	0	0	0	0	2	20
T2163151612503	SHIKHARE PRAMOD GUNDA	5	0	0	0	0	0	0	5	50
T2163151612504	SHIKHARE NILESH SHIVAJI	7	0	0	0	0	0	0	7	70
T2163151612505	DHERE SAURABH SATISH	9	0	0	0	0	0	0	9	90
T2163151612506	DHERE HARSH SATISH	9	0	0	0	0	0	0	9	90
T2163151612507	DESAI VISHWAJEET VIKAS	9	0	0	0	0	0	0	9	90
T2163151612508	KADAVEKAR ANIKET RAJENDRA	9	0	0	0	0	0	0	9	90
T2163151612509	SAWANT SUNIL BHAGAWAN	8	0	0	0	0	0	0	8	80
T2163151612510	KHOT VIVEK MADHUKAR	8	0	0	0	0	0	0	8	80
T2163151612511	ARAB MOHMADSADD ZAKIRHUSEN	9	0	0	0	0	0	0	9	90
T2163151612512	OMKAR SHASHIKANT JADHAV	10	0	0	0	0	0	0	10	100
T2163151612513	JADHAV ALIAS MITHARI KAUSTUBH RAJENDRA	8	0	0	0	0	0	0	8	80
T2163151612514	GARAD NILESH JAYSING	6	0	0	0	0	0	0	6	60
T2163151612515	PATIL ANISH VASANT	7	0	0	0	0	0	0	7	70

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T2163151612516	SHUBHAM BAJIRAO KAMBLE	10	0	0	0	0	0	0	0	10	100
T2163151612517	BAHADURE NITIN AMBADAS	9	0	0	0	0	0	0	0	9	90
T2163151612518	POPHALE YASH PRAVIN	9	0	0	0	0	0	0	0	9	90
T2163151612519	MANE PAVAN MAHADEV	9	0	0	0	0	0	0	0	9	90
T2163151612520	SHINDE SAHIL NITIN	10	0	0	0	0	0	0	0	10	100
T2163151612521	SAPALE GAURESH RAJESH	8	0	0	0	0	0	0	0	8	80
T2163151612522	KATE RAJVARDHAN KAMALAKAR	8	0	0	0	0	0	0	0	8	80
T2163151612523	LOHAR PRATHAMESH MANIK	2	0	0	0	0	0	0	0	2	20
T2163151612524	KADAM PRANAV JAGDISH	8	0	0	0	0	0	0	0	8	80
T2163151612525	GURAV ROHIT HINDURAO	4	0	0	0	0	0	0	0	4	40
T2163151612526	JAGDALE ABHISHEK VIJAY	4	0	0	0	0	0	0	0	4	40
T2163151612527	LOHAR DHIRAJ SHIVAJI	4	0	0	0	0	0	0	0	4	40
T2163151612528	JADHAV NIRANJAN JAYWANT	9	0	0	0	0	0	0	0	9	90
T2163151612529	MHAMULKAR ABHIJIT HINDURAO	9	0	0	0	0	0	0	0	9	90
T2163151612530	KHOT SWARNIL SHASHIKANT	6	0	0	0	0	0	0	0	6	60
T2163151612531	NAGARI DIPAK DEVENDRA	8	0	0	0	0	0	0	0	8	80
T2163151612532	BHAT SAHIL PUNDLIK	10	0	0	0	0	0	0	0	10	100
T2163151612533	BAWALE VISHWESH PRASANNA	10	0	0	0	0	0	0	0	10	100
T2163151612534	PATIL NIKHIL DNYANDEV	10	0	0	0	0	0	0	0	10	100
T2163151612535	SAWRATKAR VISHAL UTTAM	9	0	0	0	0	0	0	0	9	90
T2163151612536	TARALEKAR PRUTHIVIRAJ CHANDRAKANT	9	0	0	0	0	0	0	0	9	90
T2163151612537	JARAG SIDDESH VIKRAM	6	0	0	0	0	0	0	0	6	60
T2163151612538	SHINDE CHAITANYA DILIP	8	0	0	0	0	0	0	0	8	80
T2163151612539	KHADE ROHIT VISHWAS	9	0	0	0	0	0	0	0	9	90
T2163151612540	SATHAM DIGAMBAR SUNIL	10	0	0	0	0	0	0	0	10	100
T2163151612541	PADALKAR ANIKET ASHOK	4	0	0	0	0	0	0	0	4	40
T2163151612542	GHATAGE SARADAR KRUSHNAT	4	0	0	0	0	0	0	0	4	40
T2163151612543	BAGADI DHAIRYASHIL HINDURAO	10	0	0	0	0	0	0	0	10	100
T2163151612544	PATIL SUSHANT SANJAY	10	0	0	0	0	0	0	0	10	100
T2163151612545	WAIKAR RAHIL ANIS	6	0	0	0	0	0	0	0	6	60
T2163151612546	PATIL SHUBHAM RAGHUNA	5	0	0	0	0	0	0	0	5	50

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T2163151612547	NAGARJI ADIL KASAM	10	0	0	0	0	0	0	10	100
T2163151612548	SAVARE AKANSHA AKARAM	7	0	0	0	0	0	0	7	70
T2163151612549	KONDE SAMRUDDHI BABASAHEB	10	0	0	0	0	0	0	10	100
T2163151612550	WANGIKAR RUTUJA AAPPASO	7	0	0	0	0	0	0	7	70
T2163151612551	KUMBHAR ABHIJEET VILAS	8	0	0	0	0	0	0	8	80
T2163151612552	CHOUGULE SUMIT MANOHAR	8	0	0	0	0	0	0	8	80
T2163151612553	KHOT RUSHIKESH NAMDEV	10	0	0	0	0	0	0	10	100
T2163151612554	SASWADE SHRIKANT ARUN	1	0	0	0	0	0	0	1	10
T2163151612555	POWAR SHUBHAM SANJAY	10	0	0	0	0	0	0	10	100
T2163151612556	SHIDHARTH SAMBHAJI CHOUGULE	7	0	0	0	0	0	0	7	70
T2163151612557	JUBER SAMEER MULLA	9	0	0	0	0	0	0	9	90
T2163151612558	MOHITE VIVEK SHRIKANT	9	0	0	0	0	0	0	9	90
T2163151612559	SHINDE PRATHAMESH	5	0	0	0	0	0	0	5	50
T2163151612560	SATHE MAHESH SARJERAO	7	0	0	0	0	0	0	7	70
<b>Total</b>		<b>510</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>510</b>	<b>5100</b>
<b>Average</b>	<b>10/0/0/0/0/0/10/100</b>	<b>7.29</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>7.29</b>	<b>72.86</b>
No. of Student score more than 50% of marks is 59 out of 70 i.e. 84.28 %										
<b>Attainment Level: 84.28% students achieved marks greater than 50%, thus the attainment level is 3</b>										

### Subject : Fluid Mechanics

#### Mid Semester Examination

Enrollment Number	Name of Student	MSE Attainment Marks							Total Marks out of 20	%
		2	0	3	15	0	0	0		
		CO1	CO2	CO3	CO4	CO5	CO6	CO7		
T2063151612001	AHAD SAMAD KHOCHIKAR	2	0	3	11	0	0	0	16	80
T2063151612002	NIKHIL BHIMRAO KADAM	2	0	3	13	0	0	0	18	90
T2063151612003	PRADIP SHAMRAO MANE	2	0	3	11	0	0	0	16	80
T2063151612004	PRANALI BABASAHEB KUMBHAR	2	0	3	11	0	0	0	18	90

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T2063151612005	PRANAV JOTIRAM GUJAR	2	0	3	11	0	0	0	0	0	0	0	0	0	16	80
T2063151612006	PRATHMESH SUDHIR MANDUM	2	0	3	11	0	0	0	0	0	0	0	0	0	16	80
T2063151612007	SHUBHAM TUKARAM KHOT	2	0	3	11	0	0	0	0	0	0	0	0	0	16	80
T2063151612008	SHUBHAM MARUTI SHETE	2	0	3	11	0	0	0	0	0	0	0	0	0	16	80
T2063151612009	SIDDHESH SUNIL SHINDE	2	0	3	11	0	0	0	0	0	0	0	0	0	16	80
T2063151612010	SIDDHESH SANTOSH BENDKHALE	2	0	3	11	0	0	0	0	0	0	0	0	0	16	80
T2163151612501	POWAR SOURAV SHASHIKANT	2	0	0	4	0	0	0	0	0	0	0	0	0	6	30
T2163151612502	NAIK SHRIDHAR YUVRAJ	2	0	0	5	0	0	0	0	0	0	0	0	0	7	35
T2163151612503	SHIKHARE PRAMOD GUNDA	2	0	0	4	0	0	0	0	0	0	0	0	0	6	30
T2163151612504	SHIKHARE NILESH SHIVAJI	2	0	0	4	0	0	0	0	0	0	0	0	0	6	30
T2163151612505	DHERE SAURABH SATISH	2	0	0	1	0	0	0	0	0	0	0	0	0	3	15
T2163151612506	DHERE HARSH SATISH	2	0	1	5	0	0	0	0	0	0	0	0	0	8	40
T2163151612507	DESAI VISHWAJEET VIKAS	2	0	0	0	0	0	0	0	0	0	0	0	0	2	10
T2163151612508	KADAVEKAR ANIKET RAJENDRA	2	0	3	0	0	0	0	0	0	0	0	0	0	5	25
T2163151612509	SAWANT SUNIL BHAGAWAN	1	0	0	2	0	0	0	0	0	0	0	0	0	3	15
T2163151612510	KHOT VIVEK MADHUKAR	2	0	2	4	0	0	0	0	0	0	0	0	0	8	40
T2163151612511	ARAB MOHMADSADD ZAKIRHUSEN	2	0	3	7	0	0	0	0	0	0	0	0	0	12	60
T2163151612512	OMKAR SHASHIKANT JADHAV	1	0	0	1	0	0	0	0	0	0	0	0	0	2	10
T2163151612513	JADHAV ALIAS MITHARI KAUSTUBH RAJENDRA	2	0	0	4	0	0	0	0	0	0	0	0	0	6	30
T2163151612514	GARAD NILESH JAYSING	0	0	0	7	0	0	0	0	0	0	0	0	0	7	35
T2163151612515	PATIL ANISH VASANT	1	0	0	0	0	0	0	0	0	0	0	0	0	1	5
T2163151612516	SHUBHAM BAJIRAO KAMBLE	1	0	0	4	0	0	0	0	0	0	0	0	0	5	25
T2163151612517	BAHADURE NITTIN AMBADAS	2	0	3	7	0	0	0	0	0	0	0	0	0	12	60
T2163151612518	POPHALE YASH PRAVIN	0	0	0	2	0	0	0	0	0	0	0	0	0	2	10
T2163151612519	MANE PAVAN MAHADEV	0	0	0	2	0	0	0	0	0	0	0	0	0	2	10
T2163151612520	SHINDE SAHIL NITTIN	2	0	3	0	0	0	0	0	0	0	0	0	0	5	25
T2163151612521	SAPALE GAURESH RAJESH	1	0	0	2	0	0	0	0	0	0	0	0	0	3	15
T2163151612522	KATE RAJVARDHAN KAMALAKAR	0	0	0	7	0	0	0	0	0	0	0	0	0	7	35
T2163151612523	LOHAR PRATHAMESH MANIK	2	0	3	4	0	0	0	0	0	0	0	0	0	9	45
T2163151612524	KADAM PRANAV JAGDISH	2	0	3	4	0	0	0	0	0	0	0	0	0	9	45
T2163151612525	GURAV ROHIT HINDURAO	2	0	0	5	0	0	0	0	0	0	0	0	0	6	30

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 D.V. Paril

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 Sofmwar Peth, Panhala - 416 201

T2163151612526	JAGDALE ABHISHEK VIJAY	2	0	3	7	0	0	0	12	60
T2163151612527	LOHAR DHIRAJ SHIVAJI	0	0	0	7	0	0	0	7	35
T2163151612528	JADHAV NIRANJAN JAYWANT	0	0	0	6	0	0	0	6	30
T2163151612529	MHAMULKAR ABHIJIT HINDURAO	2	0	0	0	0	0	0	2	10
T2163151612530	KHOT SWAPNIL SHASHIKANT	2	0	3	1	0	0	0	6	30
T2163151612531	NAGARI DIPAK DEVENDRA	2	0	0	1	0	0	0	3	15
T2163151612532	BHAT SAHIL PUNDLIK	1	0	0	2	0	0	0	3	15
T2163151612533	BAWALE VISHWESH PRASANNA	1	0	0	3	0	0	0	4	20
T2163151612534	PATIL NIKHIL DNYANDEV	1	0	0	1	0	0	0	2	10
T2163151612535	SAWRATKAR VISHAL UTTAM	1	0	0	2	0	0	0	3	15
T2163151612536	TARALEKAR PRUTHIVIRAJ CHANDRAKANT	2	0	0	4	0	0	0	6	30
T2163151612537	JARAG SIDDESH VIKRAM	2	0	0	4	0	0	0	6	30
T2163151612538	SHINDE CHAITANYA DILIP	1	0	0	3	0	0	0	4	20
T2163151612539	KHADE ROHIT VISHWAS	2	0	0	4	0	0	0	6	30
T2163151612540	SATHAM DIGAMBAR SUNIL	1	0	0	2	0	0	0	3	15
T2163151612541	PADALKAR ANIKET ASHOK	2	0	1	5	0	0	0	8	40
T2163151612542	GHATAGE SARADAR KRUSHNAT	2	0	0	4	0	0	0	6	30
T2163151612543	BAGADI DHAIRYASHIL HINDURAO	1	0	0	2	0	0	0	3	15
T2163151612544	PATIL SUSHANT SANJAY	1	0	0	2	0	0	0	3	15
T2163151612545	WAIKAR RAHIL ANIS	2	0	0	5	0	0	0	7	35
T2163151612546	PATIL SHUBHAM RAGHUNATH	2	0	0	5	0	0	0	7	35
T2163151612547	NAGARJI ADIL KASAM	1	0	0	0	0	0	0	1	5
T2163151612548	SAVARE AKANSHA AKARAM	2	0	3	13	0	0	0	18	90
T2163151612549	KONDE SAMRUDDHI BABASAHEB	2	0	3	15	0	0	0	20	100
T2163151612550	WANGIKAR RUTUJA AAPPASO	1	0	0	4	0	0	0	5	25
T2163151612551	KUMBHAR ABHIJEET VILAS	1	0	0	4	0	0	0	5	25
T2163151612552	CHOUGULE SUMIT MANOHAR	1	0	0	4	0	0	0	5	25
T2163151612553	KHOT RUSHIKESH NAMDEV	1	0	0	2	0	0	0	3	15
T2163151612554	SASWADE SHRIKANT ARUN	2	0	0	4	0	0	0	6	30
T2163151612555	POWAR SHUBHAM SANJAY	1	0	0	2	0	0	0	3	15
T2163151612556	SHIDHARTH SAMBHAJI CHOUNAVAR JAIN	0	0	0	4	0	0	0	4	25

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SANJEEV  
JAIN  
SANJEEVAN  
ENGINEERING & TECHNOLOGY



D.V. Patil  
Subject Incharge,

NOD.  
Mechanical Engineering  
Sanjeevan Engg. & Tech. Institute

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T2163151612557	JUBER SAMEER MULLA	2	0	0	4	0	0	0	6	30
T2163151612558	MOHITE VIVEK SHRIKANT	1	0	0	1	0	0	0	2	10
T2163151612559	SHINDE PRATHAMESH	2	0	0	4	0	0	0	6	30
T2163151612560	SATHE MAHESH SARJERAO	1	0	0	4	0	0	0	5	25
<b>Total</b>		<b>105</b>	<b>0</b>	<b>64</b>	<b>334</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>503</b>	<b>2515</b>
<b>Average</b>	<b>02/00/03/15/00/00/00/20/100</b>	<b>1.50</b>	<b>0.00</b>	<b>0.91</b>	<b>4.77</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>7.19</b>	<b>35.93</b>
No. of Student score more than 50% of marks is 15 out of 70 i.e. 21.42%										
<b>Attainment Level: 21.42 % students achieved marks greater than 50%, thus the attainment level is 0</b>										

### Subject : Fluid Mechanics

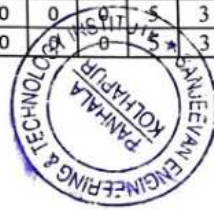
#### Continous Assesment II

Enrollment Number	Name of Student	CA - II Attainment Marks							Total Marks out of 10	%
		0	0	0	7	3	0			
		CO1	CO2	CO3	CO4	CO5	CO6	CO7		
T2063151612001	AHAD SAMAD KHOCHIKAR	0	0	0	0	4	3	0	7	70
T2063151612002	NIKHIL BHIMRAO KADAM	0	0	0	0	5	3	0	8	80
T2063151612003	PRADIP SHAMRAO MANE	0	0	0	0	5	3	0	8	80
T2063151612004	PRANALI BABASAHEB KUMBHAR	0	0	0	0	6	3	0	9	90
T2063151612005	PRANAV JOTIRAM GUJAR	0	0	0	0	6	3	0	9	90
T2063151612006	PRATHMESH SUDHIR MANDUM	0	0	0	0	5	3	0	8	80
T2063151612007	SHUBHAM TUKARAM KHOT	0	0	0	0	5	3	0	8	80
T2063151612008	SHUBHAM MARUTI SHETE	0	0	0	0	5	3	0	8	80
T2063151612009	SIDDHESH SUNIL SHINDE	0	0	0	0	5	3	0	8	80
T2063151612010	SIDDHESH SANTOSH BENDKHAR	0	0	0	0	5	3	0	8	80

*D.V. Peth*  
Subject Incharge,

**HOD**  
**Mechanical Engineering**  
Sanjeevan Engg. & Tech. Institute, Panhala

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SANJEEV  
NATVAR JAIN  
Digitally Signed By  
SANJEEV NATVAR  
JAIN  
SANJEEVAN  
ENGINEERING &



*AB*  
Sanjeevan Engg. & Tech. Institute  
Somwar Peth, Panhala - 416 201

T2163151612501	POWAR SOURAV SHASHIKANT	0	0	0	0	7	3	0	10	100
T2163151612502	NAIK SHRIDHAR YUVRAJ	0	0	0	0	4	3	0	7	70
T2163151612503	SHIKHARE PRAMOD GUNDA	0	0	0	0	3	2	0	5	50
T2163151612504	SHIKHARE NILESH SHIVAJI	0	0	0	0	3	2	0	5	50
T2163151612505	DHERE SAURABH SATISH	0	0	0	0	4	3	0	7	70
T2163151612506	DHERE HARSH SATISH	0	0	0	0	4	3	0	10	100
T2163151612507	DESAI VISHWAJEET VIKAS	0	0	0	0	5	3	0	8	80
T2163151612508	KADAVEKAR ANIKET RAJENDRA	0	0	0	0	5	3	0	8	80
T2163151612509	SAWANT SUNIL BHAGAWAN	0	0	0	0	7	3	0	10	100
T2163151612510	KHOT VIVEK MADHUKAR	0	0	0	0	7	3	0	10	100
T2163151612511	ARAB MOHMADSADD ZAKIRHUSEN	0	0	0	0	7	3	0	10	100
T2163151612512	OMKAR SHASHIKANT JADHAV	0	0	0	0	4	3	0	7	70
T2163151612513	JADHAV ALIAS MITHARI KAUSTUBH RAJENDRA	0	0	0	0	5	3	0	8	80
T2163151612514	GARAD NILESH JAYSING	0	0	0	0	1	3	0	4	40
T2163151612515	PATIL ANISH VASANT	0	0	0	0	7	3	0	10	100
T2163151612516	SHUBHAM BAJIRAO KAMBLE	0	0	0	0	7	3	0	10	100
T2163151612517	BAHADURE NITIN AMBADAS	0	0	0	0	6	3	0	9	90
T2163151612518	POPHALE YASH PRAVIN	0	0	0	0	3	3	0	6	60
T2163151612519	MANE PAVAN MAHADEV	0	0	0	0	3	2	0	5	50
T2163151612520	SHINDE SAHIL NITIN	0	0	0	0	4	3	0	7	70
T2163151612521	SAPALE GAURESH RAJESH	0	0	0	0	3	3	0	6	60
T2163151612522	KATE RAJVARDHAN KAMALAKAR	0	0	0	0	5	3	0	8	80
T2163151612523	LOHAR PRATHAMESH MANIK	0	0	0	0	4	3	0	7	70
T2163151612524	KADAM PRANAV JAGDISH	0	0	0	0	5	3	0	8	80
T2163151612525	GURAV ROHIT HINDURAO	0	0	0	0	4	2	0	6	60
T2163151612526	JAGDALE ABHISHEK VIJAY	0	0	0	0	7	3	0	10	100
T2163151612527	LOHAR DHIRAJ SHIVAJI	0	0	0	0	3	2	0	5	50
T2163151612528	JADHAV NIRANJAN JAYWANT	0	0	0	0	6	3	0	9	90
T2163151612529	MHAMULKAR ABHIJIT HINDURAO	0	0	0	0	3	3	0	6	60
T2163151612530	KHOT SWAPNIL SHASHIKANT	0	0	0	0	1	3	0	4	40
T2163151612531	NAGARI DIPAK DEVENDRA	0	0	0	0	4	3	0	7	70

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SANJEEV  
NATVAR JAIN

D-SANJEEVAN  
ENGINEERING &



D.V. Patil  
Subject Incharge,

HOD,  
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Somwar Peth, Panhala - 416-201

T2163151612532	BHAT SAHIL PUNDLIK	0	0	0	0	7	3	0	10	100
T2163151612533	BAWALE VISHWESH PRASANNA	0	0	0	0	2	1	0	3	30
T2163151612534	PATIL NIKHIL DNYANDEV	0	0	0	0	3	3	0	6	60
T2163151612535	SAWRATKAR VISHAL UTTAM	0	0	0	0	4	3	0	7	70
T2163151612536	TARALEKAR PRUTHVIRAJ CHANDRAKANT	0	0	0	0	3	2	0	5	50
T2163151612537	JARAG SIDDESH VIKRAM	0	0	0	0	1	3	0	4	40
T2163151612538	SHINDE CHAITANYA DILIP	0	0	0	0	4	3	0	7	70
T2163151612539	KHADE ROHIT VISHWAS	0	0	0	0	6	3	0	9	90
T2163151612540	SATHAM DIGAMBAR SUNIL	0	0	0	0	4	3	0	7	70
T2163151612541	PADALKAR ANIKET ASHOK	0	0	0	0	4	3	0	7	70
T2163151612542	GHATAGE SARADAR KRUSHNAT	0	0	0	0	3	3	0	6	60
T2163151612543	BAGADI DHAIRYASHIL HINDURAO	0	0	0	0	1	3	0	4	40
T2163151612544	PATIL SUSHANT SANJAY	0	0	0	0	1	3	0	4	40
T2163151612545	WAIKAR RAHIL ANIS	0	0	0	0	1	3	0	4	40
T2163151612546	PATIL SHUBHAM RAGHUNATH	0	0	0	0	3	2	0	5	50
T2163151612547	NAGARJI ADIL KASAM	0	0	0	0	3	3	0	6	60
T2163151612548	SAVARE AKANSHA AKARAM	0	0	0	0	7	3	0	10	100
T2163151612549	KONDE SAMRUDDHI BABASAHEB	0	0	0	0	7	3	0	10	100
T2163151612550	WANGIKAR RUTUJA AAPPASO	0	0	0	0	3	2	0	5	50
T2163151612551	KUMBHAR ABHIJEET VILAS	0	0	0	0	6	3	0	9	90
T2163151612552	CHOUGULE SUMIT MANOHAR	0	0	0	0	6	3	0	9	90
T2163151612553	KHOT RUSHIKESH NAMDEV	0	0	0	0	1	3	0	4	40
T2163151612554	SASWADE SHRIKANT ARUN	0	0	0	0	6	3	0	9	90
T2163151612555	POWAR SHUBHAM SANJAY	0	0	0	0	1	3	0	4	40
T2163151612556	SHIDHARTH SAMBHAJI CHOUGULE	0	0	0	0	1	3	0	4	40
T2163151612557	JUBER SAMEER MULLA	0	0	0	0	5	3	0	8	80
T2163151612558	MOHITE VIVEK SHRIKANT	0	0	0	0	3	3	0	6	60
T2163151612559	SHINDE PRATHAMESH	0	0	0	0	4	3	0	7	70
T2163151612560	SATHE MAHESH SARJERAO	0	0	0	0	3	2	0	5	50
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>295</b>	<b>199</b>	<b>0</b>	<b>497</b>	<b>4970</b>
<b>Average</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>4.21</b>	<b>2.84</b>	<b>0.00</b>	<b>7.10</b>	<b>71.00</b>

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 SANJEEV NATVAR JAIN  
 O=SANJEEVAN  
 ENGINEERING &



D.Y. Pethi,  
 Subject Incharge,

HOD  
 Mechanical Engineering  
 Sanjeevan Engg. & Tech. Institute, Panhala

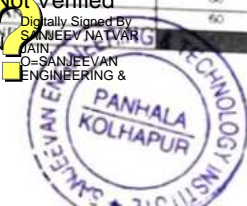
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Final Exam Marks for Fluid Mechanics			
Enrollment Number	Name of Student	Marks Out of 60	%
T2063151612001	AHAD SAMAD KHOCHIKAR	60	100.00
T2063151612002	NIKHIL BHIMRAO KADAM	60	100.00
T2063151612003	PRADIP SHAMRAO MANE	60	100.00
T2063151612004	PRANALI BABASAHEB KUMBHAR	60	100.00
T2063151612005	PRANAV JOTIRAM GUJAR	60	100.00
T2063151612006	PRATHMESH SUDHIR MANDUM	60	100.00
T2063151612007	SHUBHAM TUKARAM KHOT	60	100.00
T2063151612008	SHUBHAM MARUTI SHETE	60	100.00
T2063151612009	SIDDHESH SUNIL SHINDE	60	100.00
T2063151612010	SIDDHESH SANTOSH BENDKHALE	60	100.00
T2163151612501	POWAR SOURAV SHASHIKANT	60	100.00
T2163151612502	NAIK SHRIDHAR YUVRAJ	60	100.00
T2163151612503	SHIKHARE PRAMOD GUNDA	60	100.00
T2163151612504	SHIKHARE NILESH SHIVAJI	60	100.00
T2163151612505	DHERE SAURABH SATISH	60	100.00
T2163151612506	DHERE HARSH SATISH	60	100.00
T2163151612507	DESAI VISHWAJEET VIKAS	60	100.00
T2163151612508	KADAVEKAR ANIKET RAJENDRA	60	100.00
T2163151612509	SAWANT SUNIL BHAGAWAN	60	100.00
T2163151612510	KHOT VIVEK MADHUKAR	60	100.00
T2163151612511	ARAB MOHMADSADD ZAKIRHUSEN	60	100.00
T2163151612512	OMKAR SHASHIKANT JADHAV	60	100.00
	JADHAV ALIAS MITHARI KAUS TUBH RAJENDRA	60	100.00
T2163151612513			100.00
T2163151612514	GARAD NILESH JAYSING		#VALUE!
T2163151612515	PATIL ANISH VASANT	60	100.00
T2163151612516	SHUBHAM BAJIRAO KAMBLE	60	100.00
T2163151612517	BAHADURE NITIN AMBADAS	60	100.00
T2163151612518	POPHALE YASH PRAVIN	60	100.00
T2163151612519	MANE PAVAN MAHADEV		#VALUE!
T2163151612520	SHINDE SAHIL NITIN		#VALUE!
T2163151612521	SAPALE GAURI SH RAJESH	60	100.00
T2163151612522	KATE RAJWARDHAN KAMAL AKAR	60	100.00
T2163151612523	LOHAR PRATHAMI SH MANIK		#VALUE!
T2163151612524	KADAM PRANAV JAGDISH	60	100.00
T2163151612525	GURAV ROHIT HINDURAO	60	100.00
T2163151612526	JAGDALE ABHISHEK VIJAY	60	100.00
T2163151612527	LOHAR DHIRAJ SHIVAJI	60	100.00
T2163151612528	JADHAV NIKHIL SHIVAJI	60	100.00
T2163151612529	MHAMULK	60	100.00
			#VALUE!

D.V.A.H.  
Subjrd Incharge,

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NATVAR JAIN



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T2163151612530	KHOT SWAPNIL SHASHIKANT	60	100.00
T2163151612531	NAGARI DIPAK DEVENDRA	AB	#VALUE!
T2163151612532	BHAT SAHIL PUNDLIK	AB	#VALUE!
T2163151612533	BA WALE VISHWESH PRASANNA	60	100.00
T2163151612534	PATIL NIKHIL DNYANDEV	60	100.00
T2163151612535	SAWRATKAR VISHAL UTTAM	AB	#VALUE!
T2163151612536	TARALEKAR PRUTHVIRAJ CHANDRAKANT	60	100.00
T2163151612537	JARAG SIDDESH VIKRAM	AB	#VALUE!
T2163151612538	SHINDE CHAITANYA DILIP	AB	#VALUE!
T2163151612539	KHADE ROHIT VISHWAS	60	100.00
T2163151612540	SATHAM DIGAMBAR SUNIL	60	100.00
T2163151612541	PADALKAR ANIKET ASHOK	AB	#VALUE!
T2163151612542	GHATAGE SARADAR KRUSHNAT	60	100.00
T2163151612543	BAGADI DHAIRYASHIL HINDURAO	60	100.00
T2163151612544	PATIL SUSHANT SANJAY	60	100.00
T2163151612545	WAIKAR RAHIL ANIS	AB	#VALUE!
T2163151612546	PATIL SHUBHAM RAGHUNATH	AB	#VALUE!
T2163151612547	NAGARJI ADIL KASAM	AB	#VALUE!
T2163151612548	SAVARE AKANSHA AKARAM	60	100.00
T2163151612549	KONDE SAMRUDDHI BABASAHEB	60	100.00
T2163151612550	WANGIKAR RUTUJA AAPPASO	60	100.00
T2163151612551	KUMBHAR ABHIJEET VILAS	60	100.00
T2163151612552	CHOGULE SUMIT MANOHAR	60	100.00
T2163151612553	KHOT RUSHIKESH NAMDEV	AB	#VALUE!
T2163151612554	SASWADE SHRIKANT ARUN	AB	#VALUE!
T2163151612555	POWAR SHUBHAM SANJAY	AD	#VALUE!
T2163151612556	SHIDHARTH SAMBHAJI CHOUGULE	AD	#VALUE!
T2163151612557	JUBER SAMEER MULLA	AB	#VALUE!
T2163151612558	MOHITE VIVEK SHRIKANT	60	100.00
T2163151612559	SHINDE PRATHAMESH	AB	#VALUE!
T2163151612560	SATHE MAHESH SARJERAO	AB	#VALUE!
Total		2940	
Average	60	60.00	

No. of Student score more than 50% of marks is 49 out of 49 i.e. 100.00 %

Attainment Level: 100.00 % students achieved marks greater than 50%, thus the attainment level is

.3

*D.V. Padil*  
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*D.V. Padil*  
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### CO Attainment Table

Course Outcomes	Direct Assessment				Indirect Assessment	Total	%	3	2	1
	CA - I	MSE	CA - II	Final Exam	Course Exit Survey					
BTMC302.1	7.29	1.25		60.00	1.67	70.21	94.88	3.00	2.00	1.00
BTMC302.2					1.70	61.70	99.51	3.00	2.00	1.00
BTMC302.3		0.91			1.53	62.44	96.06	3.00	2.00	1.00
BTMC302.4		4.77			1.57	66.34	86.16	3.00	2.00	1.00
BTMC302.5			4.21		1.62	65.83	95.41	3.00	2.00	1.00
BTMC302.6			2.84		1.54	64.38	99.05	3.00	2.00	1.00
BTMC302.7					1.43	61.43	99.08	3.00	2.00	1.00

Target set is 80 %

### Cos - Pos - PSOs Matrix for Fluid Mechanics

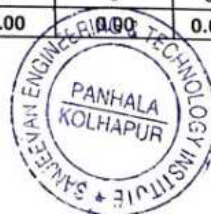
Course outcomes	Program Outcomes										Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO10	PO11	PO12	PSO1	PSO2	PSO3	
BTMC302.1	3	3	2	2	1	0	0	0	1	3	0	2	
BTMC302.2	3	3	1	1	1	0	0	0	1	3	0	2	
BTMC302.3	3	3	1	1	1	0	0	0	1	3	0	3	
BTMC302.4	3	3	0	0	0	0	0	0	1	3	0	3	
BTMC302.5	3	3	0	0	0	0	0	0	1	3	0	3	
BTMC302.6	2	3	0	0	0	0	0	0	1	3	0	3	
BTMC302.7	2	3	0	0	0	0	0	0	1	3	0	3	
<b>Average</b>	<b>2.71</b>	<b>3</b>	<b>1.33</b>	<b>1.33</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1.00</b>	<b>0.00</b>	<b>3</b>	<b>0</b>	<b>2.71</b>	

D.V. Pethl.  
Subject Incharge

HOD

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SANJEEVAN  
ENGINEERING &



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BTMC302	2.71	3.00	1.33	1.33	1.00	0.00	0.00	0.00	1.00	3.00	0.00	2.71
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*D.Y. Patil*  
 subject Incharge,


Signature Not Verified  
 SANJEEV  
 HOVA NATVAR JAIN  
 Digitally Signed By  
 SANJEEV NATVAR  
 JAIN  
 O=SANJEEVAN  
 ENGINEERING &  
 Mechanical Engineering  
 Sanjeevan Engg. & Tech. Institute Panhala



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No. of Student score more than 50% of marks is 60 out of 70 i.e.85.71 %

**Attainment Level: 85.71 % students achieved marks greater than 50%, thus the attainment level is 3**

  
D.V. Patil,  
Subject Incharge,

  
Signature Not Verified  
HOD SANJEEV  
Mechanical Engineering  
NATVAR JAIN  
Sanjeevan Engg. & Tech. Institute, Panhala  
Digitally Signed By  
SANJEEV NATVAR  
JAIN  
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