

2.6.2

2.6.2 Evaluation of attainment of program outcome and course outcome.

Academic Year 2023-2024

INDEX

Sr. No.	Contents	Page No.
1	PO Attainment Process Diagram	2
2	Sample PO attainment	3
3	Attainment of Program and course outcome	39

CO PO PSO Attainment Process

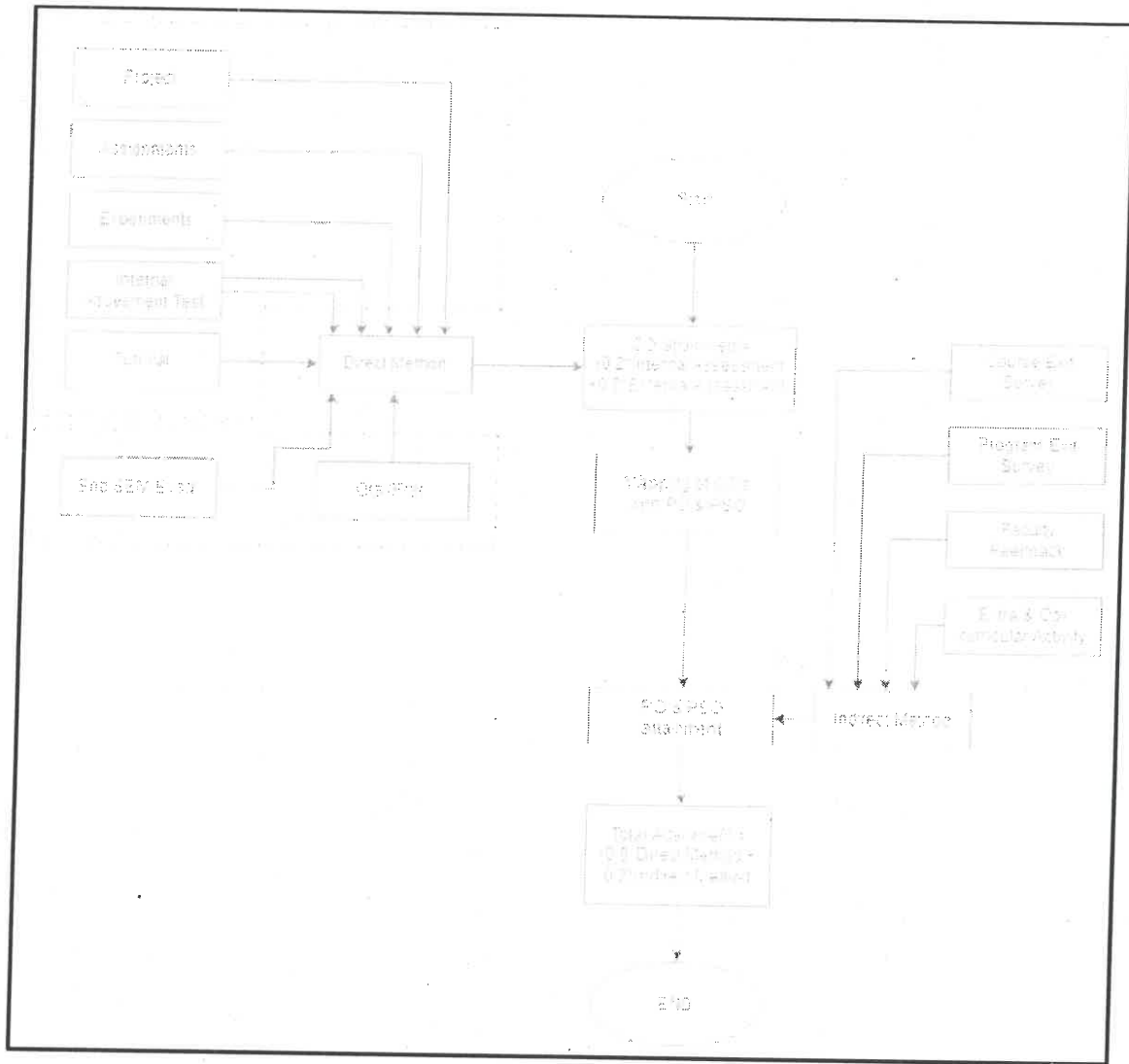


Figure 1: CO PO PSO Attainment Process


PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.

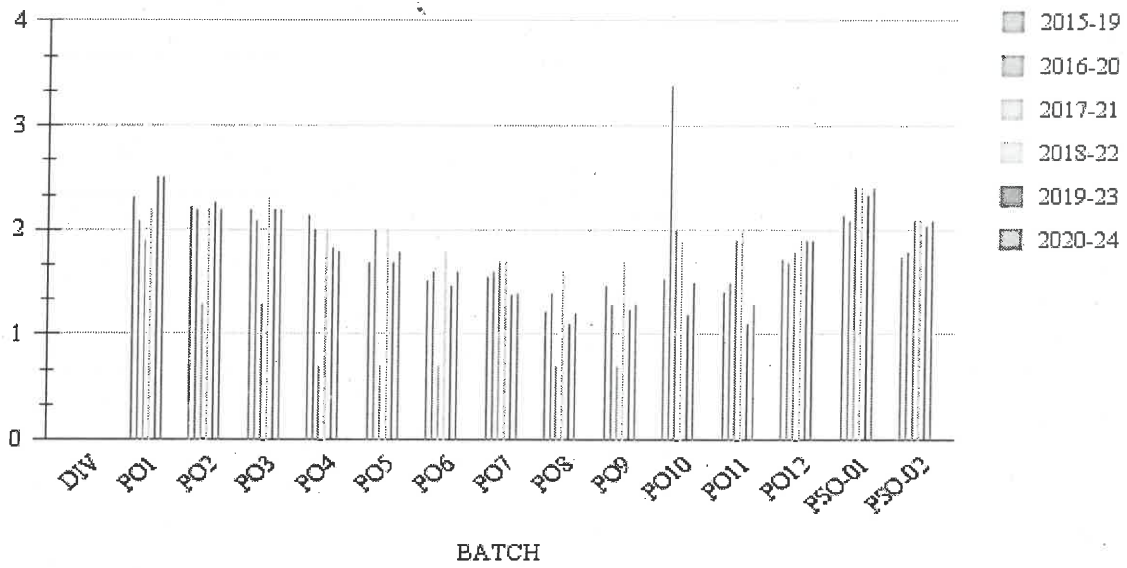


Sample Attainment:

COMPUTER ENGINEERING DEPARTMENT

BATCH	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-01	PSO-02
2015-19	2.32	2.22	2.19	2.14	1.69	1.52	1.56	1.22	1.46	1.54	1.41	1.73	2.14	1.75
2016-20	2.1	2.2	2.1	2	2	1.6	1.6	1.4	1.3	3.4	1.5	1.7	2.1	1.8
2017-21	1.9	1.3	1.3	0.7	0.7	0.7	1.7	0.7	0.7	2	1.9	1.8	2.4	2.1
2018-22	2.2	2.2	2.3	2	2	1.8	1.7	1.6	1.7	1.9	2	1.9	2.4	2.1
2019-23	2.5	2.3	2.2	1.8	1.7	1.5	1.4	1.1	1.2	1.2	1.1	1.9	2.3	2.0
2020-24	2.5	2.2	2.2	1.8	1.8	1.6	1.4	1.2	1.3	1.5	1.3	1.9	2.4	2.1

PO-PSO Attainment



PRINCIPAL
PERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.



TERNA ENGINEERING COLLEGE , NERUL, NAVI MUMBAI
DEPARTMENT OF MECHANICAL ENGINEERING
DISTRIBUTION OF WEIGHTAGE

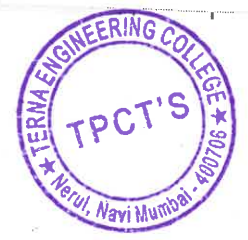
ACADEMIC YEAR :	FIRST HALF - JUN/JULY	2024	CLASS (YEAR/SEM):	BE/SEM VIII(B)
SUBJECT:	TQM			
NAME OF FACULTY:	Dr.MAYUR BEMBDE			

TARGET (%)	60	NO. OF STUDENTS	61	PATTERN	THEORY	CHOICE BASED
1. ENTER IN GREEN CELLS ONLY						
2. WHILE COPY- PASTING OF DATA , USE "PASTE SPECIAL" AND SELECT VALUES ONLY						

DOES SUBJECT HAS FOLLOWING :						
Sr. No.	CONTENT	REMARKS	Applicable	Weightage out of "1"	Sum of weightage is	
1	PRACTICALS	0	NO	0	1	
2	ASSIGNMENTS	Enter in weightage	YES	0.3		
3	UNIT TEST	Enter in weightage	YES	0.7		
4	QUIZ	Enter in weightage	YES	0		
5	OTHERS	0	NO	0		
					Remark on sum	
					OK	

ENTER DETAILS OF STUDENTS (LIMITED UPTO 200 STUDENTS ONLY)		
Sr No	ID	STUDENT NAME
1	TU5S2122001	PATIL HARSHAL
2	TU5S2122002	CHOUGLE SHOAIB ALTAF
3	TU5S2122003	PATIL BHUSHAN
4	TU5S2122005	GHARAT KUNAL GURUNATH
5	TU5S2122007	BAIDYA MANOJ MANTU
6	TU5S2122008	MOTAN ANKIT RAMCHANDER
7	TU5S2122009	CHAVAN PRATIK
8	TU5S2122011	KHULE SHUBHAM
9	TU5S2122012	VAITY PRATHAM DEEPAK
10	TU5S2122014	MASKARE ADITYA VINAYAK
11	TU5S2122013	KALEL VISHAL
12	TU5S2122015	KHARAT PRATHAMESH AJIT
13	TU5S2122016	THENGAL AKSHAY
14	TU5S2122017	GIJE TEJAS
15	TU5S2122018	MAYEKAR ROHAN
16	TU5S2122019	MORE YASH VIRENDRA
17	TU5S2122020	RATHOD UMESH SHIVDHAN
18	TU5S2122022	BHOI OM
19	TU5S2122023	GANGAVE PIYUSH PRABHAKAR
20	TU5S2122025	KUMBHAR CHAITANYA
21	TU5S2122024	PATIL AKSHAY RAVINDRA
22	TU5S2122026	JAISWAR LAKSHMI

PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.



23	TU5S2122027	ASAWALE PRATHAMESH
24	TU5S2122028	SHINDE SANKESH RAJENDRA
25	TU5S2122029	SASULKAR SNEHAL
26	TU5S2122030	SAWANT PRATIK RAJAN
27	TU5S2122032	YEGADE KARTIKEY PANDURANG
28	TU5S2122033	PARAB GANESH RAJENDRA
29	TU5S2122035	GAIKWAD SHUBHAM
30	TU5S2122036	SALEKAR PRAJWAL SOPAN
31	TU5S2122037	DHASAL ADITYA
32	TU5S2122039	PATIL ATHARVA
33	TU5S2122040	MORE GAURAV SHEKHAR
34	TU5S2122041	BANSODE RAJ PRASHANT
35	TU5S2122042	PEDNEKAR HARSHAL RAJAN
36	TU5S2122043	CHOWDHARY OMKAR
37	TU5S2122044	MANDLIK ANUJ
38	TU5S2122046	KHAN MOHD ADEEB MOHD YAHIYA
39	TU5S2122045	CHAVAN YASH
40	TU5S2122047	MOMIN SAAD ASLAM
41	TU5S2122051	PATIL MAHESH DNYANESHWAR
42	TU5S2122053	KHANDARE HARSH
43	TU5S2122054	SIDDIQUI SALEEM
44	TU5S2122056	DHENDE RUSHIKESH DHANAJI
45	TU5S2122057	MHASKE GITESH SANTOSH
46	TU5S2122058	KAMBLI ATHARVA MILIND
47	TU5S2122059	KHAN SAHAAF
48	TU5S2122063	DESHMUKH MOHD KAIF
49	TU5S2122066	MALIK MD KAIF EQBAL
50	TU5S2122067	SARFRAZ AHMED
51	TU5S2122068	REGAR SURAJ DEEPAK
52	TU5S2122069	PATIL SAHIL
53	TU5S2122070	KAMBLE ROHIT SITARAM
54	TU5S2122072	SHAIKH MUDABBIR
55	TU5S2122074	SINGH NAVNEET RAJESHWAR
56	TU5S2122076	KARANDEKAR CHINMAY UMESH
57	TU5S2122077	CHAVAN VISHAL SUNIL
58	TU5S2122079	SHETTY BHARGAV
59	TU5S2122078	BAVDANE HARSH RAMESH.
60	TU5S2122081	DHOKE KETAN CHANDRAKANT
61	TU5F1920010	PATEL JAINISH KANTI


PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.



TERNA ENGINEERING COLLEGE, NERUL, NAVI MUMBAI
DEPARTMENT OF MECHANICAL ENGINEERING
RECORD OF ASSIGNMENTS

ACADEMIC YEAR :	FIRST HALF - JUN/JULY	2024	CLASS (YEAR/SEM)	BE/SEM VIII(B)
SUBJECT:	TQM			
NAME OF FACULTY:	Dr.MAYUR BEMBDE			

TARGET (%)	60	NO. OF STUDENTS	61	PATTERN	THEORY	CHOICE BASED
------------	----	-----------------	----	---------	--------	--------------

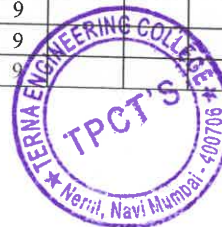
1. ENTER IN GREEN CELLS ONLY

2. WHILE COPY- PASTING OF DATA , USE "PASTE SPECIAL" AND SELECT VALUES ONLY

Sr No	ID	MARKS Course Outcome STUDENT NAME	ASSIGNMENT-I						ASSIGNMENT-II											
			10	10	10	10	10	10												
			1	2	3	4	5	6												
1	TU5S2122001	PATIL HARSHAL																		
2	TU5S2122002	CHOUGLE SHOAIB ALTAF	10	10	10	8	8	8												
3	TU5S2122003	PATIL BHUSHAN	8	8	8	8	8	8												
4	TU5S2122005	GHARAT KUNAL GURUNATH	9	9	9	9	9	9												
5	TU5S2122007	BAIDYA MANOJ MANTU	9	9	9	9	9	9												
6	TU5S2122008	MOTAN ANKIT RAMCHANDER	9	9	9	9	9	9												
7	TU5S2122009	CHAVAN PRATIK	9	9	9	9	9	9												
8	TU5S2122011	KHULE SHUBHAM	10	10	10	10	10	10												
9	TU5S2122012	VAITY PRATHAM DEEPAK	9	9	9	9	9	9												
10	TU5S2122014	MASKARE ADITYA VINAYAK	10	10	10	10	10	10												
11	TU5S2122013	KALEL VISHAL	8	8	8	8	8	8												
12	TU5S2122015	KHARAT PRATHAMESH AJIT	10	10	10	10	10	10												
13	TU5S2122016	THENGAL AKSHAY	8	8	8	8	8	8												
14	TU5S2122017	GIJE TEJAS	9	9	9	9	9	9												
15	TU5S2122018	MAYEKAR ROHAN	10	10	10	10	10	10												
16	TU5S2122019	MORE YASH VIRENDRA	7	7	7	7	7	7												
17	TU5S2122020	RATHOD UMESH SHIVDHAN	10	10	10	10	10	10												
18	TU5S2122022	BHOI OM																		
19	TU5S2122023	GANGAVE PIYUSH PRABHAKAR	9	9	9	9	9	9												
20	TU5S2122025	KUMBHAR CHAITANYA	9	9	9	9	9	9												
21	TU5S2122024	PATIL AKSHAY RAVINDRA	8	8	8	8	8	8												
22	TU5S2122026	JAIWAR LAKSHMI	9	9	9	9	9	9												
23	TU5S2122027	ASAWALE PRATHAMESH	9	9	9	9	9	9												
24	TU5S2122028	SHINDE SANKESH RAJENDRA	9	9	9	9	9	9												
25	TU5S2122029	SASULKAR SNEHAL	9	9	9	9	9	9												

10	10	10	10	10	10
MARKS OBTAINED CO WISE					
CO 1	CO 2	CO 3	CO 4	CO 5	CO 6
0	0	0	0	0	0
10	10	10	8	8	8
8	8	8	8	8	8
9	9	9	9	9	9
9	9	9	9	9	9
9	9	9	9	9	9
9	9	9	9	9	9
10	10	10	10	10	10
9	9	9	9	9	9
10	10	10	10	10	10
8	8	8	8	8	8
10	10	10	10	10	10
8	8	8	8	8	8
9	9	9	9	9	9
10	10	10	10	10	10
7	7	7	7	7	7
10	10	10	10	10	10
0	0	0	0	0	0
9	9	9	9	9	9
9	9	9	9	9	9
8	8	8	8	8	8
9	9	9	9	9	9
9	9	9	9	9	9
9	9	9	9	9	9
9	9	9	9	9	9

PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.



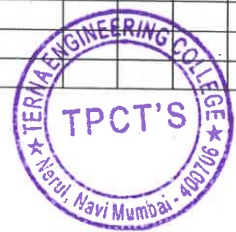
TERNA ENGINEERING COLLEGE , NERUL, NAVI MUMBAI
DEPARTMENT OF MECHANICAL ENGINEERING
RECORD OF UNIT TEST 2

ACADEMIC YEAR :	FIRST HALF - JUN/JULY	2024	CLASS (YEAR/SEM):	BE/SEM VIII(B)		
SUBJECT:	TQM					
NAME OF FACULTY:	Dr.MAYUR BEMBDE					
TARGET (%)	60	NO. OF STUDENTS	61	PATTERN	THEORY	CHOICE BASED
1. ENTER IN GREEN CELLS ONLY						
2. WHILE COPY- PASTING OF DATA , USE "PASTE SPECIAL" AND SELECT VALUES ONLY						

Sr No	ID	STUDENT NAME	MARKS			TOTAL
			6	7	7	
Course Outcome			4	5	6	
1	TU5S2122	PATIL HARSHAL				
2	TU5S2122	CHOUGLE SHOAB ALTAF	2	6	4	
3	TU5S2122	PATIL BHUSHAN	2	5	4	12
4	TU5S2122	GHARAT KUNAL GURUNATH	2	6	5	11
5	TU5S2122	BAIDYA MANOJ MANTU	1	6	3	13
6	TU5S2122	MOTAN ANKIT RAMCHANDER	1	2	5	10
7	TU5S2122	CHAVAN PRATIK	4	5	5	8
8	TU5S2122	KHULE SHUBHAM	4	5	5	14
9	TU5S2122	VAITY PRATHAM DEEPAK	4	4	2	14
10	TU5S2122	MASKARE ADITYA VINAYAK	4	4		10
11	TU5S2122	KALEL VISHAL	4	5		9
12	TU5S2122	KHARAT PRATHAMESH AJIT	4	5	4	13
13	TU5S2122	THENGAL AKSHAY	4	6	6	16
14	TU5S2122	GIJE TEJAS	5	6	6	17
15	TU5S2122	MAYEKAR ROHAN	4	5	6	15
16	TU5S2122	MORE YASH VIRENDRA	5	5	5	15
17	TU5S2122	RATHOD UMESH SHIVDHAN		5	3	8
18	TU5S2122	BHOI OM	3	5	5	13
19	TU5S2122	GANGAVE PIYUSH PRABHAKAR				
20	TU5S2122	KUMBHAR CHAITANYA		5	5	10
21	TU5S2122	PATIL AKSHAY RAVINDRA	3	6	5	14
22	TU5S2122	JAIWAR LAKSHMI	5	5	1	11
23	TU5S2122	ASAWALE PRATHAMESH	3	3	3	9
24	TU5S2122	SHINDE SANKESH RAJENDRA	3			3
25	TU5S2122	SASULKAR SNEHAL	5	5	6	16
26	TU5S2122	SAWANT PRATIK RAJAN		6	4	10
27	TU5S2122	YEGADE KARTIKEY PANDURANG	5	5	6	16
28	TU5S2122	PARAB GANESH RAJENDRA	2	5	6	13
			2	4	4	10

MARKS OBTAINED CO WISE					
CO 1	CO 2	CO 3	CO 4	CO 5	CO 6
0	0	0	0	0	0
0	0	0	2	6	4
0	0	0	2	5	4
0	0	0	2	6	5
0	0	0	1	6	3
0	0	0	1	2	5
0	0	0	4	5	5
0	0	0	4	5	5
0	0	0	4	4	2
0	0	0	4	5	0
0	0	0	4	5	4
0	0	0	4	6	6
0	0	0	5	6	6
0	0	0	4	5	6
0	0	0	5	5	5
0	0	0	0	5	3
0	0	0	3	5	5
0	0	0	0	0	0
0	0	0	0	5	5
0	0	0	3	6	5
0	0	0	5	5	1
0	0	0	3	3	3
0	0	0	3	0	0
0	0	0	5	5	6
0	0	0	0	6	4
0	0	0	5	5	6
0	0	0	2	5	6
0	0	0	2	4	4

PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.



56	TU5S2122076	KARANDEKAR CHINMAY UMESH						
57	TU5S2122077	CHAVAN VISHAL SUNIL						
58	TU5S2122079	SHETTY BHARGAV						
59	TU5S2122078	BAVDANE HARSH RAMESH						
60	TU5S2122081	DHOKE KETAN CHANDRAKANT						
61	TU5F1920010	PATEL JAINISH KANTI						

0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0


PRINCIPAL
 TERNA ENGINEERING COLLEGE
 NERUL NAVI MUMBAI - 400 706.



56	TU5S2122076	KARANDEKAR CHINMAY UMESH						
57	TU5S2122077	CHAVAN VISHAL SUNIL						
58	TU5S2122079	SHETTY BHARGAV						
59	TU5S2122078	BAVDANE HARSH RAMESH						
60	TU5S2122081	DHOKE KETAN CHANDRAKANT						
61	TU5F1920010	PATEL JAINISH KANTI						

0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0


PRINCIPAL
 TERNA ENGINEERING COLLEGE
 NERUL NAVI MUMBAI - 400 706.

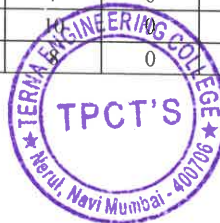


TERNA ENGINEERING COLLEGE , NERUL, NAVI MUMBAI
DEPARTMENT OF MECHANICAL ENGINEERING
ATTAINMENT OF COURSE OUTCOME 1

ACADEMIC YEAR :	FIRST HALF - JUN/JULY	2024	CLASS (YEAR/SEM):	BE/SEM VIII(B)
SUBJECT:	TQM			
NAME OF FACULTY:	Dr.MAYUR BEMBDE			

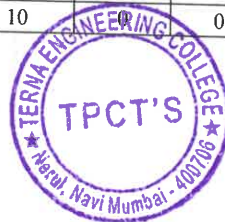
TARGET (%)	60	NO. OF STUDENTS	61	PATTERN	THEORY	CHOICE BASED	Levels for attainment				
COURSE OUTCOME 1 (OUT OF 10 MARKS)											
Sr No	ID	STUDENT NAME	PR	ASSIGN	UT 1	UT 2	QUIZ	OTHERS	ATTAINMENT (%)	No. of students achieved target	For 3
1	TU5S2122001	PATIL HARSHAL	0	0	0	0	0	0	0	53	70
2	TU5S2122002	CHOUGLE SHOAIB ALTAF	0	10	7	0	0	0	79		
3	TU5S2122003	PATIL BHUSHAN	0	8	7	0	0	0	73		
4	TU5S2122005	GHARAT KUNAL GURUNATH	0	9	5	0	0	0	62	Attainment of Target (%)	For 2
5	TU5S2122007	BAIDYA MANOJ MANTU	0	9	5	0	0	0	62	87	60
6	TU5S2122008	MOTAN ANKIT RAMCHANDER	0	9	5	0	0	0	62		
7	TU5S2122009	CHAVAN PRATIK	0	9	10	0	0	0	97		
8	TU5S2122011	KHULE SHUBHAM	0	10	8	0	0	0	86	Attainment Level out of 3	For 1
9	TU5S2122012	VAITY PRATHAM DEEPAK	0	9	10	0	0	0	97	3	50
10	TU5S2122014	MASKARE ADITYA VINAYAK	0	10	10	0	0	0	100		
11	TU5S2122013	KALEL VISHAL	0	8	8	0	0	0	80		
12	TU5S2122015	KHARAT PRATHAMESH AJIT	0	10	10	0	0	0	100		
13	TU5S2122016	THENGAL AKSHAY	0	8	10	0	0	0	94		
14	TU5S2122017	GIJE TEJAS	0	9	8	0	0	0	83		
15	TU5S2122018	MAYEKAR ROHAN	0	10	10	0	0	0	100		
16	TU5S2122019	MORE YASH VIRENDRA	0	7	8	0	0	0	77		
17	TU5S2122020	RATHOD UMESH SHIVDHAN	0	10	5	0	0	0	65		
18	TU5S2122022	BHOI OM	0	0	0	0	0	0	0		
19	TU5S2122023	GANGAVE PIYUSH PRABHAKAR	0	9	10	0	0	0	97		
20	TU5S2122025	KUMBHAR CHAITANYA	0	9	5	0	0	0	62		
21	TU5S2122024	PATIL AKSHAY RAVINDRA	0	8	8	0	0	0	80		
22	TU5S2122026	JAISWAR LAKSHMI	0	9	7	0	0	0	76		
23	TU5S2122027	ASAWALE PRATHAMESH	0	9	7	0	0	0	76		
24	TU5S2122028	SHINDE SANKESH RAJENDRA	0	9	10	0	0	0	97		
25	TU5S2122029	SASULKAR SNEHAL	0	9	7	0	0	0	76		
26	TU5S2122030	SAWANT PRATIK RAJAN	0	9	7	0	0	0	76		
27	TU5S2122032	YEGADE KARTIKEY PANDURANG	0	10	0	0	0	0	97		
									86		

PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.



28	TU5S2122033	PARAB GANESH RAJENDRA	0	8	8	0	0	0	80
29	TU5S2122035	GAIKWAD SHUBHAM	0	8	7	0	0	0	73
30	TU5S2122036	SALEKAR PRAJWAL SOPAN	0	9	8	0	0	0	83
31	TU5S2122037	DHASAL ADITYA	0	9	8	0	0	0	83
32	TU5S2122039	PATIL ATHARVA	0	9	8	0	0	0	83
33	TU5S2122040	MORE GAURAV SHEKHAR	0	9	8	0	0	0	83
34	TU5S2122041	BANSODE RAJ PRASHANT	0	9	10	0	0	0	97
35	TU5S2122042	PEDNEKAR HARSHAL RAJAN	0	9	8	0	0	0	83
36	TU5S2122043	CHOWDHARY OMKAR	0	10	10	0	0	0	100
37	TU5S2122044	MANDLIK ANUJ	0	8	0	0	0	0	24
38	TU5S2122046	KHAN MOHD ADEEB MOHD YAHIYA	0	9	8	0	0	0	83
39	TU5S2122045	CHAVAN YASH	0	9	8	0	0	0	83
40	TU5S2122047	MOMIN SAAD ASLAM	0	10	10	0	0	0	100
41	TU5S2122051	PATIL MAHESH DNYANESHWAR	0	8	8	0	0	0	80
42	TU5S2122053	KHANDARE HARSH	0	10	0	0	0	0	30
43	TU5S2122054	SIDDIQUI SALEEM	0	10	10	0	0	0	100
44	TU5S2122056	DHENDE RUSHIKESH DHANAJI	0	9	10	0	0	0	97
45	TU5S2122057	MHASKE GITESH SANTOSH	0	10	7	0	0	0	79
46	TU5S2122058	KAMBLI ATHARVA MILIND	0	9	7	0	0	0	76
47	TU5S2122059	KHAN SAHAAF	0	10	8	0	0	0	86
48	TU5S2122063	DESHMUKH MOHD KAIF	0	10	10	0	0	0	100
49	TU5S2122066	MALIK MD KAIF EQBAL	0	9	10	0	0	0	97
50	TU5S2122067	SARFRAZ AHMED	0	9	8	0	0	0	83
51	TU5S2122068	REGAR SURAJ DEEPAK	0	9	0	0	0	0	27
52	TU5S2122069	PATIL SAHIL	0	9	3	0	0	0	48
53	TU5S2122070	KAMBLE ROHIT SITARAM	0	10	10	0	0	0	100
54	TU5S2122072	SHAIKH MUDABBIR	0	9	8	0	0	0	83
55	TU5S2122074	SINGH NAVNEET RAJESHWAR	0	10	2	0	0	0	44
56	TU5S2122076	KARANDEKAR CHINMAY UMESH	0	10	10	0	0	0	100
57	TU5S2122077	CHAVAN VISHAL SUNIL	0	9	8	0	0	0	83
58	TU5S2122079	SHETTY BHARGAV	0	10	7	0	0	0	79
59	TU5S2122078	BAVDANE HARSH RAMESH	0	10	8	0	0	0	86
60	TU5S2122081	DHOKE KETAN CHANDRAKANT	0	10	10	0	0	0	100
61	TU5F1920010	PATEL JAINISH KANTI	0	10	0	0	0	0	30


PRINCIPAL
 TERNA ENGINEERING COLLEGE
 NERUL NAVI MUMBAI - 400 706.



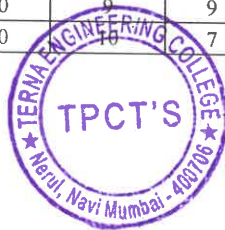
TERNA ENGINEERING COLLEGE , NERUL, NAVI MUMBAI
DEPARTMENT OF MECHANICAL ENGINEERING
ATTAINMENT OF COURSE OUTCOME 2

ACADEMIC YEAR:	FIRST HALF - JUN/JULY	2024	CLASS (YEAR/SEM):	BE/SEM VIII(B)
SUBJECT:	TQM			
NAME OF FACULTY:	Dr.MAYUR BEMBDE			

TARGET (%)	60	NO. OF STUDENTS	61	PATTERN	THEORY	CHOICE BASED
------------	----	-----------------	----	---------	--------	--------------

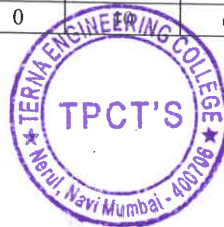
Sr No	ID	STUDENT NAME	COURSE OUTCOME 2 (OUT OF 10 MARKS)						ATTAINMENT (%)	- No. of students achieved target	Levels for attainment
			PR	ASSIGN	UT 1	UT 2	QUIZ	OTHERS			
1	TU5S2122001	PATIL HARSHAL	0	0	0	0	0	0	0	48	For 3
2	TU5S2122002	CHOUGLE SHOAB ALTAF	0	10	6	0	0	0	72		
3	TU5S2122003	PATIL BHUSHAN	0	8	7	0	0	0	73	Attainment of Target (%)	For 2
4	TU5S2122005	GHARAT KUNAL GURUNATH	0	9	7	0	0	0	76		
5	TU5S2122007	BAIDYA MANOJ MANTU	0	9	3	0	0	0	48	79	60
6	TU5S2122008	MOTAN ANKIT RAMCHANDER	0	9	6	0	0	0	69		
7	TU5S2122009	CHAVAN PRATIK	0	9	7	0	0	0	76	Attainment Level out of 3	For 1
8	TU5S2122011	KHULE SHUBHAM	0	10	7	0	0	0	79		
9	TU5S2122012	VAITY PRATHAM DEEPAK	0	9	7	0	0	0	76	3	50
10	TU5S2122014	MASKARE ADITYA VINAYAK	0	10	7	0	0	0	79		
11	TU5S2122013	KALEL VISHAL	0	8	6	0	0	0	66		
12	TU5S2122015	KHARAT PRATHAMESH AJIT	0	10	7	0	0	0	79		
13	TU5S2122016	THENGAL AKSHAY	0	8	7	0	0	0	73		
14	TU5S2122017	GIJE TEJAS	0	9	7	0	0	0	76		
15	TU5S2122018	MAYEKAR ROHAN	0	10	7	0	0	0	79		
16	TU5S2122019	MORE YASH VIRENDRA	0	7	4	0	0	0	49		
17	TU5S2122020	RATHOD UMESH SHIVDHAN	0	10	6	0	0	0	72		
18	TU5S2122022	BHOI OM	0	0	0	0	0	0	0		
19	TU5S2122023	GANGAVE PIYUSH PRABHAKAR	0	9	6	0	0	0	69		
20	TU5S2122025	KUMBHAR CHAITANYA	0	9	7	0	0	0	76		
21	TU5S2122024	PATIL AKSHAY RAVINDRA	0	8	7	0	0	0	73		
22	TU5S2122026	JAIWAR LAKSHMI	0	9	9	0	0	0	90		
23	TU5S2122027	ASAWALE PRATHAMESH	0	9	9	0	0	0	90		
24	TU5S2122028	SHINDE SANKESH RAJENDRA	0	9	7	0	0	0	76		
25	TU5S2122029	SASULKAR SNEHAL	0	9	3	0	0	0	48		
26	TU5S2122030	SAWANT PRATIK RAJAN	0	9	9	0	0	0	90		
27	TU5S2122032	YEGADE KARTIKEY PANDURANG	0	9	7	0	0	0	79		


PRINCIPAL
 TERNA ENGINEERING COLLEGE
 NERUL NAVI MUMBAI - 400 706.



28	TU5S2122033	PARAB GANESH RAJENDRA	0	8	9	0	0	0	87
29	TU5S2122035	GAIKWAD SHUBHAM	0	8	4	0	0	0	52
30	TU5S2122036	SALEKAR PRAJWAL SOPAN	0	9	4	0	0	0	55
31	TU5S2122037	DHASAL ADITYA	0	9	7	0	0	0	76
32	TU5S2122039	PATIL ATHARVA	0	9	9	0	0	0	90
33	TU5S2122040	MORE GAURAV SHEKHAR	0	9	6	0	0	0	69
34	TU5S2122041	BANSODE RAJ PRASHANT	0	9	9	0	0	0	90
35	TU5S2122042	PEDNEKAR HARSHAL RAJAN	0	9	9	0	0	0	90
36	TU5S2122043	CHOWDHARY OMKAR	0	10	9	0	0	0	93
37	TU5S2122044	MANDLIK ANUJ	0	8	0	0	0	0	24
38	TU5S2122046	KHAN MOHD ADEEB MOHD YAHIYA	0	9	7	0	0	0	76
39	TU5S2122045	CHAVAN YASH	0	9	7	0	0	0	76
40	TU5S2122047	MOMIN SAAD ASLAM	0	10	9	0	0	0	93
41	TU5S2122051	PATIL MAHESH DNYANESHWAR	0	8	9	0	0	0	87
42	TU5S2122053	KHANDARE HARSH	0	10	0	0	0	0	30
43	TU5S2122054	SIDDIQUI SALEEM	0	9	7	0	0	0	76
44	TU5S2122056	DHENDE RUSHIKESH DHANAJI	0	9	9	0	0	0	90
45	TU5S2122057	MHASKE GITESH SANTOSH	0	10	7	0	0	0	79
46	TU5S2122058	KAMBLI ATHARVA MILIND	0	9	6	0	0	0	69
47	TU5S2122059	KHAN SAHAAF	0	10	7	0	0	0	79
48	TU5S2122063	DESHMUKH MOHD KAIF	0	10	6	0	0	0	72
49	TU5S2122066	MALIK MD KAIF EQBAL	0	9	6	0	0	0	69
50	TU5S2122067	SARFRAZ AHMED	0	9	6	0	0	0	69
51	TU5S2122068	REGAR SURAJ DEEPAK	0	9	0	0	0	0	27
52	TU5S2122069	PATIL SAHIL	0	9	7	0	0	0	76
53	TU5S2122070	KAMBLE ROHIT SITARAM	0	10	6	0	0	0	72
54	TU5S2122072	SHAIKH MUDABBIR	0	9	6	0	0	0	69
55	TU5S2122074	SINGH NAVNEET RAJESHWAR	0	10	4	0	0	0	58
56	TU5S2122076	KARANDEKAR CHINMAY UMESH	0	10	6	0	0	0	72
57	TU5S2122077	CHAVAN VISHAL SUNIL	0	9	7	0	0	0	76
58	TU5S2122079	SHETTY BHARGAV	0	10	0	0	0	0	30
59	TU5S2122078	BAVDANE HARSH RAMESH	0	10	3	0	0	0	51
60	TU5S2122081	DHOKE KETAN CHANDRAKANT	0	10	7	0	0	0	79
61	TU5F1920010	PATEL JAINISH KANTI	0	6	0	0	0	0	72


PRINCIPAL
 TERNA ENGINEERING COLLEGE
 NERUL NAVI MUMBAI - 400 706.

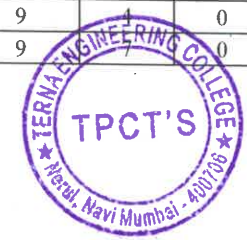


TERNA ENGINEERING COLLEGE , NERUL, NAVI MUMBAI
DEPARTMENT OF MECHANICAL ENGINEERING
ATTAINMENT OF COURSE OUTCOME 3

ACADEMIC YEAR :	FIRST HALF - JUN/JULY	2024	CLASS (YEAR/SEM):	BE/SEM VIII(B)
SUBJECT:	TQM			
NAME OF FACULTY:	Dr.MAYUR BEMBDE			

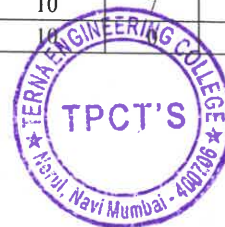
TARGET (%)	60	NO. OF STUDENTS	61	PATTERN	THEORY	CHOICE BASED	Levels for attainment				
							Levels for attainment				
Sr No	ID	STUDENT NAME	PR	ASSIGN	UT 1	UT 2		QUIZ	OTHERS	ATTAINMENT (%)	No. of students achieved target
1	TU5S2122001	PATIL HARSHAL	0	0	0	0	0	0	0	31	70
2	TU5S2122002	CHOUGLE SHOAB ALTAF	0	10	7	0	0	0	79		
3	TU5S2122003	PATIL BHUSHAN	0	8	0	0	0	0	24		
4	TU5S2122005	GHARAT KUNAL GURUNATH	0	9	0	0	0	0	27	Attainment of Target (%)	For 2
5	TU5S2122007	BAIDYA MANOJ MANTU	0	9	0	0	0	0	27		
6	TU5S2122008	MOTAN ANKIT RAMCHANDER	0	9	1	0	0	0	34	51	60
7	TU5S2122009	CHAVAN PRATIK	0	9	4	0	0	0	55		
8	TU5S2122011	KHULE SHUBHAM	0	10	6	0	0	0	72	Attainment Level out of 3	For 1
9	TU5S2122012	VAITY PRATHAM DEEPAK	0	9	6	0	0	0	69		
10	TU5S2122014	MASKARE ADITYA VINAYAK	0	10	4	0	0	0	58	1	50
11	TU5S2122013	KALEL VISHAL	0	8	0	0	0	0	24		
12	TU5S2122015	KHARAT PRATHAMESH AJIT	0	10	4	0	0	0	58		
13	TU5S2122016	THENGAL AKSHAY	0	8	7	0	0	0	73		
14	TU5S2122017	GIJE TEJAS	0	9	7	0	0	0	76		
15	TU5S2122018	MAYEKAR ROHAN	0	10	6	0	0	0	72		
16	TU5S2122019	MORE YASH VIRENDRA	0	7	1	0	0	0	28		
17	TU5S2122020	RATHOD UMESH SHIVDHAN	0	10	1	0	0	0	37		
18	TU5S2122022	BHOI OM	0	0	0	0	0	0	0		
19	TU5S2122023	GANGAVE PIYUSH PRABHAKAR	0	9	6	0	0	0	69		
20	TU5S2122025	KUMBHAR CHAITANYA	0	9	9	0	0	0	90		
21	TU5S2122024	PATIL AKSHAY RAVINDRA	0	8	1	0	0	0	31		
22	TU5S2122026	JAIWAR LAKSHMI	0	9	6	0	0	0	69		
23	TU5S2122027	ASAWALE PRATHAMESH	0	9	6	0	0	0	69		
24	TU5S2122028	SHINDE SANKESH RAJENDRA	0	9	7	0	0	0	76		
25	TU5S2122029	SASULKAR SNEHAL	0	9	0	0	0	0	55		
26	TU5S2122030	SAWANT PRATIK RAJAN	0	9	0	0	0	0	76		


PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.



27	TU5S2122032	YEGADE KARTIKEY PANDURANG	0	10	0	0	0	0	30
28	TU5S2122033	PARAB GANESH RAJENDRA	0	8	7	0	0	0	73
29	TU5S2122035	GAIKWAD SHUBHAM	0	8	1	0	0	0	31
30	TU5S2122036	SALEKAR PRAJWAL SOPAN	0	9	0	0	0	0	27
31	TU5S2122037	DHASAL ADITYA	0	9	6	0	0	0	69
32	TU5S2122039	PATIL ATHARVA	0	9	6	0	0	0	69
33	TU5S2122040	MORE GAURAV SHEKHAR	0	9	10	0	0	0	97
34	TU5S2122041	BANSODE RAJ PRASHANT	0	9	10	0	0	0	97
35	TU5S2122042	PEDNEKAR HARSHAL RAJAN	0	9	6	0	0	0	69
36	TU5S2122043	CHOWDHARY OMKAR	0	10	0	0	0	0	30
37	TU5S2122044	MANDLIK ANUJ	0	8	0	0	0	0	24
38	TU5S2122046	KHAN MOHD ADEEB MOHD YAHIYA	0	9	0	0	0	0	27
39	TU5S2122045	CHAVAN YASH	0	9	0	0	0	0	27
40	TU5S2122047	MOMIN SAAD ASLAM	0	10	10	0	0	0	100
41	TU5S2122051	PATIL MAHESH DNYANESHWAR	0	8	10	0	0	0	94
42	TU5S2122053	KHANDARE HARSH	0	10	0	0	0	0	30
43	TU5S2122054	SIDDIQUI SALEEM	0	9	3	0	0	0	48
44	TU5S2122056	DHENDÉ RUSHIKESH DHANAJI	0	9	9	0	0	0	90
45	TU5S2122057	MHASKE GITESH SANTOSH	0	10	9	0	0	0	93
46	TU5S2122058	KAMBLI ATHARVA MILIND	0	9	10	0	0	0	97
47	TU5S2122059	KHAN SAHAAF	0	10	10	0	0	0	100
48	TU5S2122063	DESHMUKH MOHD KAIF	0	10	6	0	0	0	72
49	TU5S2122066	MALIK MD KAIF EQBAL	0	9	3	0	0	0	48
50	TU5S2122067	SARFRAZ AHMED	0	9	1	0	0	0	34
51	TU5S2122068	REGAR SURAJ DEEPAK	0	9	0	0	0	0	27
52	TU5S2122069	PATIL SAHIL	0	9	1	0	0	0	34
53	TU5S2122070	KAMBLE ROHIT SITARAJI	0	10	1	0	0	0	37
54	TU5S2122072	SHAIKH MUDABBIR	0	9	6	0	0	0	69
55	TU5S2122074	SINGH NAVNEET RAJESHWAR	0	10	6	0	0	0	72
56	TU5S2122076	KARANDEKAR CHINMAY UMESH	0	10	6	0	0	0	72
57	TU5S2122077	CHAVAN VISHAL SUNIL	0	9	6	0	0	0	69
58	TU5S2122079	SHETTY BHARGAV	0	10	6	0	0	0	72
59	TU5S2122078	BAVDANE HARSH RAMESH	0	10	1	0	0	0	37
60	TU5S2122081	DHOKE KETAN CHANDRAKANT	0	10	7	0	0	0	79
61	TU5F1920010	PATEL JAINISH KANTI	0	10	0	0	0	0	30


PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.

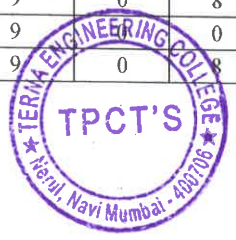


TERNA ENGINEERING COLLEGE , NERUL, NAVI MUMBAI
DEPARTMENT OF MECHANICAL ENGINEERING
ATTAINMENT OF COURSE OUTCOME 4

ACADEMIC YEAR:	FIRST HALF - JUN/JULY	2024	CLASS (YEAR/SEM):	BE/SEM VIII(B)
SUBJECT:	TQM			
NAME OF FACULTY:	Dr.MAYUR BEMBDE			

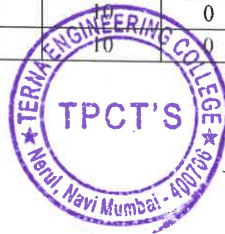
TARGET (%)		NO. OF STUDENTS		PATTERN		THEORY		CHOICE BASED		Levels for attainment	
60		61									
			COURSE OUTCOME 4 (OUT OF 10 MARKS)						ATTAINMENT (%)	No. of students achieved target	For 3
Sr No	ID	STUDENT NAME	PR	ASSIGN	UT 1	UT 2	QUIZ	OTHERS			
1	TU5S2122001	PATIL HARSHAL	0	0	0	0	0	0	0	45	70
2	TU5S2122002	CHOUGLE SHOAB ALTAF	0	8	0	3	0	0	45		
3	TU5S2122003	PATIL BHUSHAN	0	8	0	3	0	0	45	Attainment of Target (%)	For 2
4	TU5S2122005	GHARAT KUNAL GURUNATH	0	9	0	3	0	0	48		
5	TU5S2122007	BAIDYA MANOJ MANTU	0	9	0	2	0	0	41	74	60
6	TU5S2122008	MOTAN ANKIT RAMCHANDER	0	9	0	2	0	0	41		
7	TU5S2122009	CHAVAN PRATIK	0	9	0	7	0	0	76	Attainment Level out of 3	For 1
8	TU5S2122011	KHULE SHUBHAM	0	10	0	7	0	0	79		
9	TU5S2122012	VAITY PRATHAM DEEPAK	0	9	0	7	0	0	76	3	50
10	TU5S2122014	MASKARE ADITYA VINAYAK	0	10	0	7	0	0	79		
11	TU5S2122013	KALEL VISHAL	0	8	0	7	0	0	73		
12	TU5S2122015	KHARAT PRATHAMESH AJIT	0	10	0	7	0	0	79		
13	TU5S2122016	THENGAL AKSHAY	0	8	0	8	0	0	80		
14	TU5S2122017	GIJE TEJAS	0	9	0	7	0	0	76		
15	TU5S2122018	MAYEKAR ROHAN	0	10	0	8	0	0	86		
16	TU5S2122019	MORE YASH VIRENDRA	0	7	0	0	0	0	21		
17	TU5S2122020	RATHOD UMESH SHIVDHAN	0	10	0	5	0	0	65		
18	TU5S2122022	BHOI OM	0	0	0	0	0	0	0		
19	TU5S2122023	GANGAVE PIYUSH PRABHAKAR	0	9	0	0	0	0	27		
20	TU5S2122025	KUMBHAR CHAITANYA	0	9	0	5	0	0	62		
21	TU5S2122024	PATIL AKSHAY RAVINDRA	0	8	0	8	0	0	80		
22	TU5S2122026	JAISWAR LAKSHMI	0	9	0	5	0	0	62		
23	TU5S2122027	ASAWALE PRATHAMESH	0	9	0	5	0	0	62		
24	TU5S2122028	SHINDE SANKESH RAJENDRA	0	9	0	8	0	0	83		
25	TU5S2122029	SASULKAR SNEHAL	0	9	0	0	0	0	27		
26	TU5S2122030	SAWANT PRATIK RAJAN	0	9	0	8	0	0	83		

PRINCIPAL
 TERNA ENGINEERING COLLEGE
 NERUL NAVI MUMBAI - 400 706.



27	TU5S2122032	YEGADE KARTIKEY PANDURANG	0	10	0	3	0	0	51
28	TU5S2122033	PARAB GANESH RAJENDRA	0	8	0	3	0	0	45
29	TU5S2122035	GAIKWAD SHUBHAM	0	8	0	2	0	0	38
30	TU5S2122036	SALEKAR PRAJWAL SOPAN	0	9	0	3	0	0	48
31	TU5S2122037	DHASAL ADITYA	0	10	0	10	0	0	100
32	TU5S2122039	PATIL ATHARVA	0	9	0	10	0	0	97
33	TU5S2122040	MORE GAURAV SHEKHAR	0	9	0	8	0	0	83
34	TU5S2122041	BANSODE RAJ PRASHANT	0	9	0	10	0	0	97
35	TU5S2122042	PEDNEKAR HARSHAL RAJAN	0	9	0	8	0	0	83
36	TU5S2122043	CHOWDHARY OMKAR	0	10	0	10	0	0	100
37	TU5S2122044	MANDLIK ANUJ	0	8	0	0	0	0	24
38	TU5S2122046	KHAN MOHD ADEEB MOHD YAHYA	0	9	0	8	0	0	83
39	TU5S2122045	CHAVAN YASH	0	9	0	10	0	0	97
40	TU5S2122047	MOMIN SAAD ASLAM	0	10	0	8	0	0	86
41	TU5S2122051	PATIL MAHESH DNYANESHWAR	0	8	0	8	0	0	80
42	TU5S2122053	KHANDARE HARSH	0	9	0	10	0	0	97
43	TU5S2122054	SIDDIQUI SALEEM	0	9	0	5	0	0	62
44	TU5S2122056	DHENDE RUSHIKESH DHANAJI	0	9	0	8	0	0	83
45	TU5S2122057	MHASKE GITESH SANTOSH	0	10	0	5	0	0	65
46	TU5S2122058	KAMBLI ATHARVA MILIND	0	9	0	8	0	0	83
47	TU5S2122059	KHAN SAHAAF	0	10	0	10	0	0	100
48	TU5S2122063	DESHMUKH MOHD KAIF	0	10	0	8	0	0	86
49	TU5S2122066	MALIK MD KAIF EQBAL	0	9	0	7	0	0	76
50	TU5S2122067	SARFRAZ AHMED	0	9	0	7	0	0	76
51	TU5S2122068	REGAR SURAJ DEEPAK	0	9	0	10	0	0	97
52	TU5S2122069	PATIL SAHIL	0	9	0	5	0	0	62
53	TU5S2122070	KAMBLE ROHIT SITARAM	0	10	0	8	0	0	86
54	TU5S2122072	SHAIKH MUDABBIR	0	9	0	7	0	0	76
55	TU5S2122074	SINGH NAVNEET RAJESHWAR	0	10	0	5	0	0	65
56	TU5S2122076	KARANDEKAR CHINMAY UMESH	0	10	0	3	0	0	51
57	TU5S2122077	CHAVAN VISHAL SUNIL	0	10	0	10	0	0	100
58	TU5S2122079	SHETTY BHARGAV	0	10	0	8	0	0	86
59	TU5S2122078	BAVDANE HARSH RAMESH	0	10	0	5	0	0	65
60	TU5S2122081	DHOKE KETAN CHANDRAKANT	0	10	0	10	0	0	100
61	TU5F1920010	PATEL JANISH KANTI	0	10	0	8	0	0	86

PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.



TERNA ENGINEERING COLLEGE, NERUL, NAVI MUMBAI
DEPARTMENT OF MECHANICAL ENGINEERING
ATTAINMENT OF COURSE OUTCOME 5

ACADEMIC YEAR :	FIRST HALF - JUN/JULY	2024	CLASS (YEAR/SEM):	BE/SEM VIII(B)
SUBJECT:	TQM			
NAME OF FACULTY:	Dr.MAYUR BEMBDE			

TARGET (%)	60	NO. OF STUDENTS	61	PATTERN	THEORY	CHOICE BASED	Levels for attainment				
COURSE OUTCOME 5 (OUT OF 10 MARKS)							No. of students achieved target	For 3			
Sr No	ID	STUDENT NAME	PR	ASSIGN	UT 1	UT 2			QUIZ	OTHERS	ATTAINMENT (%)
1	TU5S2122001	PATIL HARSHAL	0	0	0	0	0	0	0	53	70
2	TU5S2122002	CHOUGLE SHOAB ALTAF	0	8	0	9	0	0	87		
3	TU5S2122003	PATIL BHUSHAN	0	8	0	7	0	0	73		
4	TU5S2122005	GHARAT KUNAL GURUNATH	0	9	0	9	0	0	90	87	60
5	TU5S2122007	BAIDYA MANOJ MANTU	0	9	0	9	0	0	90		
6	TU5S2122008	MOTAN ANKIT RAMCHANDER	0	9	0	3	0	0	48	Attainment Level out of 3	For 1
7	TU5S2122009	CHAVAN PRATIK	0	9	0	7	0	0	76		
8	TU5S2122011	KHULE SHUBHAM	0	10	0	7	0	0	79		
9	TU5S2122012	VAITY PRATHAM DEEPAK	0	9	0	6	0	0	69	3	50
10	TU5S2122014	MASKARE ADITYA VINAYAK	0	10	0	7	0	0	79		
11	TU5S2122013	KALEL VISHAL	0	8	0	7	0	0	73		
12	TU5S2122015	KHARAT PRATHAMESH AJIT	0	10	0	9	0	0	93		
13	TU5S2122016	THENGAL AKSHAY	0	8	0	9	0	0	87		
14	TU5S2122017	GIJE TEJAS	0	9	0	7	0	0	76		
15	TU5S2122018	MAYEKAR ROHAN	0	10	0	7	0	0	79		
16	TU5S2122019	MORE YASU VIRENDRA	0	7	0	7	0	0	70		
17	TU5S2122020	RATHOD UMESH SHIVDHAN	0	10	0	7	0	0	79		
18	TU5S2122022	BHOI OM	0	0	0	0	0	0	0		
19	TU5S2122023	GANGAVE PIYUSH PRABHAKAR	0	9	0	7	0	0	76		
20	TU5S2122025	KUMBHAR CHAITANYA	0	9	0	9	0	0	90		
21	TU5S2122024	PATIL AKSHAY RAVINDRA	0	8	0	7	0	0	73		
22	TU5S2122026	JAIWAR LAKSHMI	0	9	0	4	0	0	55		
23	TU5S2122027	ASAWALE PRATHAMESH	0	9	0	0	0	0	27		
24	TU5S2122028	SHINDE SANKESH RAJENDRA	0	9	0	7	0	0	76		
25	TU5S2122029	SASULKAR SNEHAL	0			9	0	0	90		
26	TU5S2122030	SAWANT PRATIK RAJAN	0			7	0	0	76		

PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL, NAVI MUMBAI - 400 708.

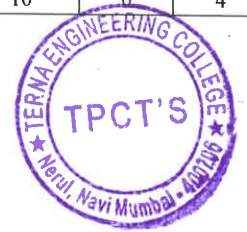


27	TU5S2122032	YEGADE KARTIKEY PANDURANG	0	10	0	7	0	0	79
28	TU5S2122033	PARAB GANESH RAJENDRA	0	8	0	6	0	0	66
29	TU5S2122035	GAIKWAD SHUBHAM	0	8	0	7	0	0	73
30	TU5S2122036	SALEKAR PRAJWAL SOPAN	0	9	0	9	0	0	90
31	TU5S2122037	DHASAL ADITYA	0	10	0	9	0	0	93
32	TU5S2122039	PATIL ATHARVA	0	9	0	9	0	0	90
33	TU5S2122040	MORE GAURAV SHEKHAR	0	9	0	7	0	0	76
34	TU5S2122041	BANSODE RAJ PRASHANT	0	9	0	7	0	0	76
35	TU5S2122042	PEDNEKAR HARSHAL RAJAN	0	9	0	7	0	0	76
36	TU5S2122043	CHOWDHARY OMKAR	0	10	0	9	0	0	93
37	TU5S2122044	MANDLIK ANUJ	0	8	0	0	0	0	24
38	TU5S2122046	KHAN MOHD ADEEB MOHD YAHIYA	0	9	0	7	0	0	76
39	TU5S2122045	CHAVAN YASH	0	9	0	7	0	0	76
40	TU5S2122047	MOMIN SAAD ASLAM	0	10	0	7	0	0	79
41	TU5S2122051	PATIL MAHESH DNYANESHWAR	0	8	0	7	0	0	73
42	TU5S2122053	KHANDARE HARSH	0	9	0	7	0	0	76
43	TU5S2122054	SIDDIQUI SALEEM	0	9	0	7	0	0	76
44	TU5S2122056	DHENDE RUSHIKESH DHANAJI	0	9	0	7	0	0	76
45	TU5S2122057	MHASKE GITESH SANTOSH	0	10	0	7	0	0	79
46	TU5S2122058	KAMBLI ATHARVA MILIND	0	9	0	7	0	0	76
47	TU5S2122059	KHAN SAHAAF	0	10	0	7	0	0	79
48	TU5S2122063	DESHMUKH MOHD KAIF	0	10	0	7	0	0	79
49	TU5S2122066	MALIK MD KAIF EQBAL	0	9	0	7	0	0	76
50	TU5S2122067	SARFRAZ AHMED	0	9	0	4	0	0	55
51	TU5S2122068	REGAR SURAJ DEEPAK	0	9	0	6	0	0	69
52	TU5S2122069	PATIL SAHIL	0	9	0	6	0	0	69
53	TU5S2122070	KAMBLE ROHIT SITARAM	0	10	0	7	0	0	79
54	TU5S2122072	SHAIKH MUDABBIR	0	9	0	7	0	0	76
55	TU5S2122074	SINGH NAVNEET RAJESHWAR	0	10	0	7	0	0	79
56	TU5S2122076	KARANDEKAR CHINMAY UMESH	0	10	0	6	0	0	72
57	TU5S2122077	CHAVAN VISHAL SUNIL	0	10	0	9	0	0	93
58	TU5S2122079	SHETTY BHARGAV	0	10	0	6	0	0	72
59	TU5S2122078	BAVDANE HARSH RAMESH	0	10	0	6	0	0	72
60	TU5S2122081	DHOKE KETAN CHANDRAKANT	0	10	0	9	0	0	93
61	TU5F1920010	PATEL JAINISH KANTI	0	10	0	4	0	0	58

[Handwritten Signature]

PRINCIPAL

TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.

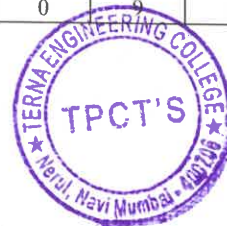


TERNA ENGINEERING COLLEGE, NERUL, NAVI MUMBAI
DEPARTMENT OF MECHANICAL ENGINEERING
ATTAINMENT OF COURSE OUTCOME 6


ACADEMIC YEAR :	FIRST HALF - JUN/JULY	2024	CLASS (YEAR/SEM):	BE/SEM VIII(B)
SUBJECT:	TQM			
NAME OF FACULTY:	Dr.MAYUR BEMBDE			

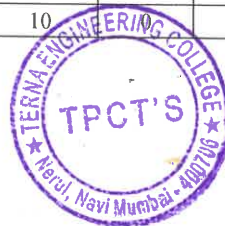
TARGET (%)	60	NO. OF STUDENTS	61	PATTERN	THEORY	CHOICE BASED	Levels for attainment				
COURSE OUTCOME 6 (OUT OF 10 MARKS)											
Sr No	ID	STUDENT NAME	PR	ASSIGN	UT 1	UT 2	QUIZ	OTHERS	ATTAINMENT (%)	No. of students achieved target	For 3
1	TU5S2122001	PATIL HARSHAL	0	0	0	0	0	0	0		For 3
2	TU5S2122002	CHOUGLE SHOAIB ALTAF	0	8	0	6	0	0	66	50	70
3	TU5S2122003	PATIL BHUSHAN	0	8	0	6	0	0	66	Attainment of Target.(%)	For 2
4	TU5S2122005	GHARAT KUNAL GURUNATH	0	9	0	7	0	0	76		
5	TU5S2122007	BAIDYA MANOJ MANTU	0	9	0	4	0	0	55	82	60
6	TU5S2122008	MOTAN ANKIT RAMCHANDER	0	9	0	7	0	0	76		
7	TU5S2122009	CHAVAN PRATIK	0	9	0	7	0	0	76	Attainment Level out of 3	For 1
8	TU5S2122011	KHULE SHUBHAM	0	10	0	7	0	0	79		
9	TU5S2122012	VAITY PRATHAM DEEPAK	0	9	0	3	0	0	48	3	50
10	TU5S2122014	MASKARE ADITYA VINAYAK	0	10	0	0	0	0	30		
11	TU5S2122013	KALEL VISHAL	0	8	0	6	0	0	66		
12	TU5S2122015	KHARAT PRATHAMESH AJIT	0	10	0	9	0	0	93		
13	TU5S2122016	THENGAL AKSHAY	0	8	0	9	0	0	87		
14	TU5S2122017	GJE TEJAS	0	9	0	9	0	0	90		
15	TU5S2122018	MAYEKAR ROHAN	0	10	0	7	0	0	79		
16	TU5S2122019	MORE YASH VIRENDRA	0	7	0	4	0	0	49		
17	TU5S2122020	RATHOD UMESH SHIVDHAN	0	10	0	7	0	0	79		
18	TU5S2122022	BHOI OM	0	0	0	0	0	0	0		
19	TU5S2122023	GANGAVE PIYUSH PRABHAKAR	0	9	0	7	0	0	76		
20	TU5S2122025	KUMBHAR CHAITANYA	0	9	0	7	0	0	76		
21	TU5S2122024	PATIL AKSHAY RAVINDRA	0	8	0	1	0	0	31		
22	TU5S2122026	JAISWAR LAKSHMI	0	9	0	4	0	0	55		
23	TU5S2122027	ASAWALE PRATHAMESH	0	9	0	0	0	0	27		
24	TU5S2122028	SHINDE SANKESH RAJENDRA	0	9	0	9	0	0	90		
25	TU5S2122029	SASULKAR SNEHAL	0	9	0	6	0	0	69		
26	TU5S2122030	SAWANT PRANK RAJAN	0	9	0	0	0	0	90		

PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.




27	TU5S2122032	YEGADE KARTIKEY PANDURANG	0	10	0	9	0	0	93
28	TU5S2122033	PARAB GANESH RAJENDRA	0	8	0	6	0	0	66
29	TU5S2122035	GAIKWAD SHUBHAM	0	8	0	7	0	0	73
30	TU5S2122036	SALEKAR PRAJWAL SOPAN	0	9	0	9	0	0	90
31	TU5S2122037	DHASAL ADITYA	0	10	0	7	0	0	79
32	TU5S2122039	PATIL ATHARVA	0	9	0	9	0	0	90
33	TU5S2122040	MORE GAURAV SHEKHAR	0	9	0	7	0	0	76
34	TU5S2122041	BANSODE RAJ PRASHANT	0	9	0	7	0	0	76
35	TU5S2122042	PEDNEKAR HARSHAL RAJAN	0	9	0	7	0	0	76
36	TU5S2122043	CHOWDHARY OMKAR	0	10	0	7	0	0	79
37	TU5S2122044	MANDLIK ANUJ	0	8	0	0	0	0	24
38	TU5S2122046	KHAN MOHD ADEEB MOHD YAHIYA	0	9	0	7	0	0	76
39	TU5S2122045	CHAVAN YASH	0	9	0	7	0	0	76
40	TU5S2122047	MOMIN SAAD ASLAM	0	10	0	7	0	0	79
41	TU5S2122051	PATIL MAHESH DNYANESHWAR	0	8	0	9	0	0	87
42	TU5S2122053	KHANDARE HARSH	0	9	0	6	0	0	69
43	TU5S2122054	SIDDIQUI SALEEM	0	9	0	7	0	0	76
44	TU5S2122056	DHENDE RUSHIKESH DHANAJI	0	9	0	9	0	0	90
45	TU5S2122057	MHASKE GITESH SANTOSH	0	10	0	7	0	0	79
46	TU5S2122058	KAMBLI ATHARVA MILIND	0	9	0	7	0	0	76
47	TU5S2122059	KHAN SAHAAF	0	10	0	9	0	0	93
48	TU5S2122063	DESHMUKH MOHD KAIF	0	10	0	7	0	0	79
49	TU5S2122066	MALIK MD KAIF EQBAL	0	9	0	6	0	0	69
50	TU5S2122067	SARFRAZ AHMED	0	9	0	6	0	0	69
51	TU5S2122068	REGAR SURAJ DEEPAK	0	9	0	7	0	0	76
52	TU5S2122069	PATIL SAHIL	0	9	0	6	0	0	69
53	TU5S2122070	KAMBLE ROHIT SITARAM	0	10	0	7	0	0	79
54	TU5S2122072	SHAIKH MUDABBIR	0	9	0	7	0	0	76
55	TU5S2122074	SINGH NAVNEET RAJESHWAR	0	10	0	6	0	0	72
56	TU5S2122076	KARANDEKAR CHINMAY UMESH	0	10	0	7	0	0	79
57	TU5S2122077	CHAVAN VISHAL SUNIL	0	10	0	9	0	0	93
58	TU5S2122079	SHETTY BHARGAV	0	10	0	6	0	0	72
59	TU5S2122078	BAVDANE HARSH RAMESH	0	10	0	6	0	0	72
60	TU5S2122081	DHOKE KETAN CHANDRAKANT	0	10	0	9	0	0	93
61	TU5F1920010	PATEL JAINISH KANIT	0	10		4	0	0	58

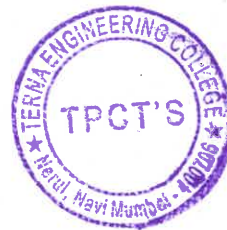

PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL, NAVI MUMBAI - 400708.



TERNA ENGINEERING COLLEGE , NERUL, NAVI MUMBAI
DEPARTMENT OF MECHANICAL ENGINEERING
SUMMARY OF COURSE OUTCOME ATTAINMENT

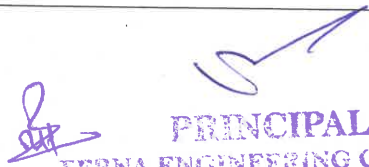
ACADEMIC YEAR :		FIRST HALF - JUN/JULY	2024	CLASS (YEAR/SEM):		BE/SEM VIII(B)	
SUBJECT:		TQM					
NAME OF FACULTY:		Dr.MAYUR BEMBDE					
TARGET (%)	60	NO. OF STUDENTS	61	PATTERN	THEORY	CHOICE BASED	
CO NUMBER	COURSE OUTCOME			No. of students achieved target	Attainment of Target (%)	Attainment Level out of 3	
CO 1	To apply QM and principles of TQM in organizational development process.			53	87	3	
CO 2	To apply QC and QM tool in process development			48	79	3	
CO 3	To apply SQC technoques to improve process quality			31	51	1	
CO 4	To apply six sigma Project in TQM implementation.			45	74	3	
CO 5	To apply QMS and certification for quality accreditation			53	87	3	
CO 6	To apply the advanced tools for quality sustainability .			50	82	3	
ATTAINMENT (Internal)					76.67	3	


PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.



TERNA ENGINEERING COLLEGE , NERUL, NAVI MUMBAI
DEPARTMENT OF MECHANICAL ENGINEERING
PROGRAM OUTCOMES

ACADEMIC YEAR :	FIRST HALF - JUN/JULY	2024	CLASS (YEAR/SEM):	BE/SEM VIII(B)
SUBJECT:	TQM			
NAME OF FACULTY:	Dr.MAYUR BEMBDE			
TARGET (%)	60	NO. OF STUDENTS	61	
			PATTERN	THEORY
				CHOICE BASED
Sr. No.	Program Outcome			
1	Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.			
2	Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.			
3	Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.			
4	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.			
5	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.			
6	The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.			
7	Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.			
8	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.			
9	Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.			
10	Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.			
11	Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.			
12	Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.			

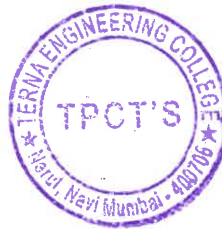

PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.



TERNA ENGINEERING COLLEGE , NERUL, NAVI MUMBAI
DEPARTMENT OF MECHANICAL ENGINEERING
CO - PO MAPPING

ACADEMIC YEAR :	FIRST HALF - JUN/JULY	2024		CLASS (YEAR/SEM):	BE/SEM VIII(B)								
SUBJECT:	TQM												
NAME OF FACULTY:	Dr.MAYUR BEMBDE												
TARGET (%)	60	NO. OF STUDENTS	61	PATTERN	THEORY	CHOICE BASED							
PROGRAM OUTCOMES (Click on number to know deatils about Program Outcome)													
CO	CO ATTAINMENT LEVEL	1	2	3	4	5	6	7	8	9	10	11	12
CO 1	3	3	0	0	0	0	0	0	0	0	0	0	0
CO 2	3	3	2	3	0	0	0	0	0	0	0	0	0
CO 3	1	3	2	3	0	0	0	0	0	0	0	0	0
CO 4	3	3	0	0	0	0	0	0	0	0	0	0	0
CO 5	3	3	0	0	0	0	0	0	0	0	0	0	0
CO 6	3	3	0	0	0	0	0	0	0	0	0	0	0
AVERAGE MAPPING		3	2	3	0	0	0	0	0	0	0	0	0


PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 708.



**TERNA ENGINEERING COLLEGE , NERUL, NAVI MUMBAI
DEPARTMENT OF MECHANICAL ENGINEERING
CO ATTAINMENT IN UNIVERSITY EXAM**

ACADEMIC YEAR :	FIRST HALF - JUN/JULY	2024	CLASS (YEAR/SEM):	BE/SEM VIII(B)
SUBJECT:	TQM			
NAME OF FACULTY:	Dr.MAYUR BEMBDE			
TARGET (%)	60	NO. OF STUDENTS	61	PATTERN
				THEORY
				CHOICE BASED

FOR THEORY = 80, FOR PRACTICAL = 25 OR 50		Level for attainment	For 3	For 2	For 1
Marks out of (80/25/50):	THEORY		80	70	60
	80				

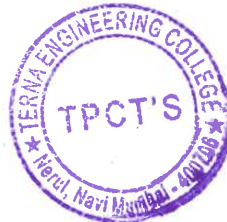
TARGET (%)	60	CO Attainment (University Exam)	
	THEORY		
Enter no. of students in green cell who got marks greater than	42	<<No of students > target >>	
	69	<< Percentage of attainment >>	
	48	<< Attainment >>	
	1		



Summary (Entered Values)		
THEORY	PRACTICAL	AVG
42	71	0
69	116	92.5
1	3	2

Overall CO Attainment		
	%	out of 3
Internal	76.67	3
University	92.5	2
Total (80% University + 20% Internal)	89.33	2


PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.



**TERNA ENGINEERING COLLEGE , NERUL, NAVI MUMBAI
DEPARTMENT OF MECHANICAL ENGINEERING
PO ATTAINMENT**

ACADEMIC YEAR :	FIRST HALF - JUN/JULY	2024	CLASS (YEAR/SEM):	BE/SEM VIII(B)
SUBJECT:	TQM			
NAME OF FACULTY:	Dr.MAYUR BEMBDE			

TARGET (%)	60	NO. OF STUDENTS	61	PATTERN	THEORY	CHOICE BASED							
CO NUMBER	CO ATTAINMENT	Program Outcomes											
		1	2	3	4	5	6	7	8	9	10	11	12
CO 1	3	3	0	0	0	0	0	0	0	0	0	0	0
CO 2	3	3	2	3	0	0	0	0	0	0	0	0	0
CO 3	1	1	1	1	0	0	0	0	0	0	0	0	0
CO 4	3	3	0	0	0	0	0	0	0	0	0	0	0
CO 5	3	3	0	0	0	0	0	0	0	0	0	0	0
CO 6	3	3	0	0	0	0	0	0	0	0	0	0	0
	INTERNAL	2.67	1.33	2	0	0	0	0	0	0	0	0	0
	UNIVERSITY	3	2	3	0	0	0	0	0	0	0	0	0
	PO ATTAINMENT	2.93	1.87	2.8	0	0	0	0	0	0	0	0	0
	% PO ATTAINMENT	97.67	62.33	93.33	0	0	0	0	0	0	0	0	0
	GAP	0.07	1.13	0.2	3	3	3	3	3	3	3	3	3


Click on "PO" under the heading of "Program Outcome" to get additional details

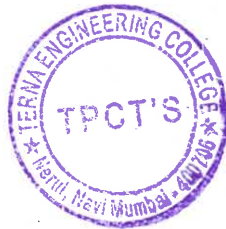
Program Outcome	Target Level	Attainment	Observations	Action Taken on Observations
PO 1	3	2.93	Tareget is almost achived.	Next time target will be increased.
PO 2	3	1.87	Tareget is not achieved.	Research paper will be given for review.
PO 3	3	2.8	Tareget is achived	Next time target will be increased.

PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.



PO 4	3	0		
PO 5	3	0		
PO 6	3	0		
PO 7	3	0		
PO 8	3	0		
PO 9	3	0		
PO 10	3	0		
PO 11	3	0		
PO 12	3	0		


PRINCIPAL
TERMA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 708.





TERNA ENGINEERING COLLEGE, NERUL, NAVI MUMBAI
DEPARTMENT OF MECHANICAL ENGINEERING

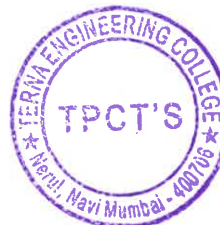
Mapping of CO to PSO

ACADEMIC YEAR:	FIRST HALF - JUN/JULY	2024	CLASS (YEAR/SEM):	BE/SEM VIII(B)
SUBJECT:	TQM			
NAME OF FACULTY:	Dr.MAYUR BEMBDE			
TARGET (%)	60	NO. OF STUDENTS	61	PATTERN
				THEORY
				CHOICE BASED
Program Specific Output	1 Students should be able to apply mechanical engineering knowledge to real life problem.			
	1 Students should be able to use modern techniques and tools to develop productive solutions.			
	2			
	4			

Mapping of CO to PSO

CO NUMBER	CO ATTAINMENT	PSO NUMBER				Attainment of PSO				
		1	2	3	4	1	2	3	4	
CO 1	3	3	0	0	0	3.00	0.00	0.00	0.00	
CO 2	3	3	0	0	0	3.00	0.00	0.00	0.00	
CO 3	1	3	0	0	0	3.00	0.00	0.00	0.00	
CO 4	3	3	0	0	0	3.00	0.00	0.00	0.00	
CO 5	3	3	0	0	0	3.00	0.00	0.00	0.00	
CO 6	3	3	0	0	0	3.00	0.00	0.00	0.00	
Average PSO Mapping		3	0	0	0	3.00	0.00	0.00	0.00	
Average % PSO Mapping		100	0	0	0	3.00	0.00	0.00	0.00	INTERNAL
						2	0	0	0	UNIVERSITY
						2.2	0	0	0	PSO ATTAINMENT (80% UNIVERSITY + 20% INTERNAL)
						73.33	0	0	0	% PSO ATTAINMENT



PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.



TPCT'S
Terna Engineering College, Nerul, Navi Mumbai
Department of COMP
Summary Sheet PO-PSO Direct attainment

Batch 2020-24

SH2020 SEM-I

SR.NO	SUBJECT CODE	SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	FEC101	Engineering Mathematics-I	3.0	1.1	1.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0		
2	FEC102	Engineering Physics-I	3.0	1.1	1.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0		
3	FEC103	Engineering Chemistry-I	3.0	1.0	1.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	2.9		
4	FEC104	Engineering Mechanics	3.0	3.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0		
5	FEC105	Basic Electrical Engineering	3.0	2.0	1.0	1.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	3.0		
6	FEL101	Basic Workshop Practice-I	3.0	0.0	3.0	1.0	2.0	2.0	1.0	0.0	2.0	1.9	0.0	2.0		

FH2021 SEM-II

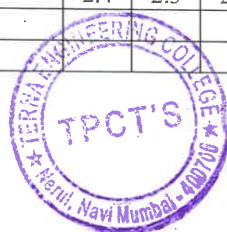
SR.NO	SUBJECT CODE	SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	FEC201	Engineering Mathematics-II	3.0	1.9	1.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	1.0	0.0		
2	FEC202	Engineering Physics-II	2.9	1.0	0.0	0.0	1.7	0.0	1.0	0.0	0.0	0.0	0.0	2.0		
3	FEC203	Engineering Chemistry-II	3.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0			
4	FEC204	Engineering Graphics	2.0	3.0	0.0	2.0	3.0	0.0	0.0	0.0	2.0	0.0	2.0			
5	FEC205	C programming	3.0	3.0	2.9	0.0	2.0	1.0	0.0	1.0	2.0	0.0	1.0	2.0		
6	FEC206	Professional Communication and Ethics	3.0	1.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0	0.0	1.0	0.0		
7	FEL201	Basic Workshop Practices-II	3.0	1.9	3.0	1.0	3.0	2.0	0.0	1.0	2.0	2.0	2.9	1.9		

SH2021 SEM-III

SR.NO	SUBJECT CODE	SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	CSC301	Applied Mathematics-III	3.0	1.1	1.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	1.5	1.5
2	CSC302	Discrete Structures and Graph Theory	2.6	2.6	2.4	2.6	2.3	2.6	1.5	2.0	2.0	1.7	2.0	2.7	2.8	2.6
3	CSC303	Data Structure	2.5	3.0	2.5	3.0	2.5	1.5	0.0	1.0	1.0	1.0	2.0	2.5	2.6	2.3
4	CSC304	Digital Logic & Computer Architecture	3.0	2.8	2.8	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	1.0	2.0	0.0
5	CSC305	Computer Graphics	2.0	1.3	1.4	2.0	2.0	2.2	2.0	2.5	1.3	1.3	1.3	2.0	3.0	2.5
6	CSL301	Data Structure Lab	3.0	2.8	2.8	0.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0	1.0	2.8	2.2
7	CSL302	Digital Logic & Computer Architecture Lab	3.0	2.8	2.8	0.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0	1.0	2.0	0.0
8	CSL303	Computer Graphics Lab	3.0	2.7	3.0	2.8	3.0	1.7	1.7	2.0	2.3	2.2	2.3	3.0	1.7	2.7
9	CSL304	SBL : Object Oriented Programming with Java	2.5	3.0	2.3	2.2	2.0	2.0	1.0	1.0	2.7	2.2	2.0	2.0	2.7	2.7
10	CSM301	Mini Project -1A	2.4	2.3	2.4	2.5	2.5	2.6	2.4	2.6	2.9	2.9	2.6	2.7	2.9	2.1

FH2022 SEM-IV


PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706



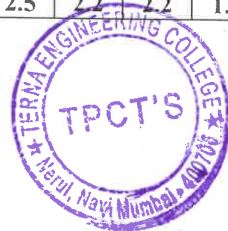
SR.NO	SUBJECT CODE	SUBJECT															
1	CSC401	Applied Mathematics-IV	3.00	1.07	1.00	0.00	0.00	0.00	1.07	0.00	0.00	0.00	0.00	0.00	1.5	1.5	
2	CSC402	Analysis of Algorithms	2.67	2.94	2.27	2.86	2.62	2.33	0.64	0.53	0.00	1.00	2.33	1.73	2.70	2.37	
3	CSC403	Database Management System	2.48	2.60	2.24	2.58	2.26	1.47	1.75	1.65	1.20	1.21	1.38	2.74	2.19		
4	CSC404	Operating System	2.97	2.97	2.96	2.48	2.31	2.36	2.00	1.96	2.00	2.00	2.76	2.47	2.78	2.78	
5	CSC405	Microprocessor	2.15	2.14	1.78	1.61	0.00	0.47	0.47	0.00	0.00	0.00	0.00	1.61	1.66	0.00	
6	CSL401	Analysis of Algorithms Lab	3.00	3.00	2.67	2.00	2.00	2.00	1.60	0.00	0.00	0.00	0.00	2.00	2.83	2.06	
7	CSL402	Database Management System Lab	2.00	2.83	2.60	2.60	2.00	3.00	2.00	2.00	0.00	3.00	3.00	1.50	2.17	2.00	
8	CSL403	Operating System Lab	3.00	3.00	3.00	2.67	3.00	0.00	0.00	0.00	0.00	2.00	2.83	3.00	2.78	2.78	
9	CSL404	Microprocessor Lab	3.00	3.00	2.67	2.00	2.00	2.00	1.60	0.00	0.00	0.00	2.00	2.00	2.00	0.00	
10	CSL405	SBL-Python	2.00	2.83	2.60	2.60	2.00	3.00	2.00	2.00	0.00	3.00	3.00	1.50	2.28	2.33	
11	CSM401	Mini Project-1B	2.44	2.25	2.43	2.50	2.50	2.56	2.44	2.56	2.89	2.89	2.63	2.67	2.35	1.70	
SH2022 SEM-V																	
SR.NO	SUBJECT CODE	SUBJECT															
1	CSC501	Theory of Computer Science	1.88	2.28	2.27	2.09	1.89	0.27	0.00	0.00	1.56	2.03	0.00	1.51	2.28	2.17	
2	CSC502	Software Engineering	2.05	1.98	1.51	1.33	0.00	0.58	0.70	0.00	1.53	1.32	0.00	1.50	2.37	2.09	
3	CSC503	Computer Network	1.76	2.44	2.69	1.75	1.94	1.70	1.55	1.16	2.23	2.63	1.73	1.93	2.72	2.40	
4	CSC504	Data Warehousing & Mining	1.34	1.34	1.47	1.34	1.22	1.47	0.73	0.73	0.00	0.00	0.00	1.47	2.58	2.45	
5	CSDO501	Department Level Optional Course -I (IP)	1.96	2.93	2.93	2.52	2.77	2.77	2.43	2.77	2.93	1.93	2.43	2.93	2.87	2.82	
6	CSL501	Software Engineering Lab	3.00	3.00	3.00	2.83	2.00	2.50	2.50	2.40	2.67	2.83	3.00	3.00	2.79	2.79	
7	CSL502	Computer Network Lab	1.67	1.00	2.17	2.33	2.20	1.00	1.67	2.00	2.40	3.00	1.75	1.67	2.01	1.86	
8	CSL503	Data Warehousing and Mining Lab	1.83	1.83	2.00	1.83	2.33	0.00	1.50	1.00	3.00	2.00	2.00	2.00	2.67	1.33	
9	CSL504	Business Comm. & Ethics	3.00	2.80	2.75	2.75	0.00	3.00	2.00	2.00	0.00	3.00	0.00	1.00	2.00	2.25	
10	CSM501	Mini Project 2A	2.11	1.22	1.38	1.88	1.88	2.00	1.80	2.40	1.20	1.17	1.20	2.00	2.44	2.67	
FH2023 SEM-VI																	
SR.NO	SUBJECT CODE	SUBJECT															
1	CSC601	System Programming & Compiler Construction	2.06	2.78	1.56	2.80	2.56	0.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	2.50	
2	CSC602	Cryptography & System Security	1.91	2.26	2.11	2.31	2.00	2.63	1.88	1.98	1.37	2.42	2.32	1.52	2.16	2.03	
3	CSC603	Mobile Computing	1.02	0.99	1.05	0.89	0.93	0.87	0.90	0.76	0.93	0.44	0.70	0.91	1.36	0.55	
4	CSC604	Artificial Intelligence	1.94	2.41	2.62	2.60	2.46	1.49	1.93	1.47	1.83	1.94	2.13	2.53	2.29	1.79	
5	CSDLO 601X (IOT)	Department Level Optional Course -II IOT(ALL DIV)	2.50	2.80	2.71	1.80	2.86	3.00	2.14	2.20	2.00	2.57	2.17	2.83	1.49	2.00	
6	CSL601	System Programming & Compiler Construction Lab	2.00	2.83	1.50	2.83	2.67	0.00	0.00	0.00	1.00	0.00	1.00	1.00	1.71	1.45	
7	CSL602	Cryptography & System Security Lab	3.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	1.50	2.50	3.00	1.00	3.00	
8	CSL603	Mobile Computing Lab	3.00	2.50	3.00	2.50	2.67	0.00	0.00	0.00	0.00	2.67	0.00	2.20	2.50	2.00	


PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 708.



9	CSL604	Artificial Intelligence Lab	2.34	2.66	2.76	2.72	2.44	1.28	2.00	2.00	2.20	2.50	2.60	2.41	2.17	2.00
10	CSL605	Cloud Computing Lab	3.00	2.67	2.83	2.33	3.00	2.00	2.00	2.00	2.67	1.60	2.67	2.50	3.00	3.00
11	CSL605	Mini-Project 2B	3.00	2.00	2.67	2.00	3.00	2.78	2.33	3.00	2.33	2.00	1.17	2.23	2.39	2.27
SH2023 SEM VII																
SR.NO	SUBJECT CODE	SUBJECT														
1	CSC701	Machine Learning	2.58	2.29	2.41	2.04	1.44	1.18	1.60	1.17	1.50	1.76	1.67	1.86	2.19	1.61
2	CSC702	Big Data Analysis	2.67	2.42	2.42	2.73	2.62	2.14	2.14	2.64	1.73	1.74	2.64	2.67	2.79	2.79
3	CSDC 701X	Department Optional Course -3 Natural Language Processing	2.02	1.86	2.08	1.96	1.84	1.90	1.68	1.04	1.55	1.59	1.04	1.84	2.53	2.23
4	CSDC 702X	Department Level Optional Course -4 : Block Chain	2.20	2.08	2.20	1.47	1.47	2.05	0.00	1.47	1.47	1.96	0.00	1.47	2.10	2.10
5	ILO 701X	Institute Level Optional Course -I (MIS)	1.47	2.08	1.91	1.91	1.47	2.20	1.47	1.47	0.00	2.20	2.20	1.10	2.10	1.92
	CSL701	Machine Learning Lab	2.67	3.00	3.00	3.00	3.00	3.00	2.00	3.00	3.00	2.00	0.00	3.00	3.00	2.83
6	CSL702	Big Data Analysis Lab	3.00	2.67	3.00	3.00	3.00	2.50	2.67	3.00	3.00	3.00	3.00	3.00	2.36	2.36
7	CSDL 7013	Department Optional Course -3 Natural Language Processing Lab	2.02	1.86	2.08	1.96	1.84	1.90	1.68	1.04	1.55	1.59	1.04	1.84	2.32	2.24
8	CSDL 702X	Department Level Optional Course -4 : Block Chain Lab	3.00	3.00	3.00	2.00	2.00	2.67	0.00	2.00	2.00	2.50	0.00	2.00	2.75	2.75
9	CSP701	Major Project-I	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	3.00	3.00
FH2024 SEM VIII																
SR.NO	SUBJECT CODE	SUBJECT														
1	CSC801	Distributed Computing	2.32	2.80	2.79	2.52	2.38	1.34	1.81	1.75	2.48	2.76	2.00	2.16	2.18	1.80
2	CSDC 801X	Department Optional Course -5 : Applied Data Science	2.84	2.87	2.84	2.70	1.97	0.00	2.00	0.00	0.00	0.00	0.00	1.43		
3	CSDC 8023	Department Level Optional Course -6 (SMA)	2.45	2.47	2.47	2.54	2.51	1.98	1.98	2.31	2.04	2.08	2.36	2.64	2.80	2.82
4	ILO 801X	Institute Level Optional Course -II (EM)	1.33	2.00	1.62	1.89	2.78	1.33	1.67	2.00	1.40	2.69	1.60	2.00	2.52	2.55
5	CSL801	Distributed Computing Lab	2.00	2.83	2.83	2.33	2.50	1.67	1.67	1.00	2.50	2.60	1.00	2.17	3.00	2.50
6	CSDL 801X	Department Optional Course -5 Applied Data Science Lab	1.75	1.25	2.00	1.50	1.33	1.67	1.00	1.18	0.83	0.33	1.00	1.33	2.00	1.87
7	CSDL 802X	Department Level Optional Course -6 Lab(SMA)	2.62	2.36	2.47	2.53	2.22	2.63	2.36	2.49	2.12	2.02	2.36	2.43	2.47	2.70
8	CSP801	Major Project-II	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	3.00	3.00
Average			2.5	2.2	2.2	1.8	1.8	1.6	1.4	1.2	1.3	1.5	1.3	1.9	2.4	2.1

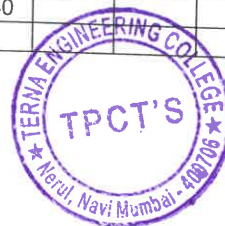

PRINCIPAL
TERNA ENGINEERING COLLEGE
 NERUL, NAVI MUMBAI - 401 008.



TPCT'S
Terna Engineering College, Nerul, Navi Mumbai
Department of Mechatronics Engineering
Summary Sheet PO-PSO Direct attainment

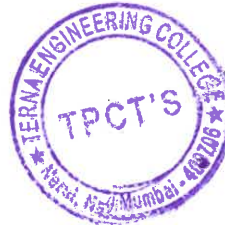
SH2020 SEM-I			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4	
1	FEC101	Engineering Mathematics-I	3.00	1.10	1.00				2.00										
2	FEC102	Engineering Physics-I	3.00	1.07	1.00				1.95						1.46	0.00	2.20	1.46	
3	FEC103	Engineering Chemistry-I	3.00	1.00	1.00			2.00	2.00					2.90	2.33	0.00	0.00	2.33	
4	FEC104	Engineering Mechanics	2.96	2.92	1.87									2.00	2.20	0.00	0.00	1.71	
5	FEC105	Basic Electrical Engineering	2.95	1.97	0.98	0.98		2.00						2.00	3.00	3.00	0.00	3.00	
6	FEC106	Basic Workshop Practice-I	3.00		3.00	1.00	2.00	2.00	1.00		2.00	1.90		2.00	3.00	3.00	0.00	3.00	
FH2021 SEM-II															2.00	2.50	3.00	0.00	2.33
1	FEC201	Applied Mathematics-II	3.00	1.90	1.00														3.00
2	FEC202	Applied Physics-II	3.00	1.03			2.00		1.10				1.00		3.00	0.00	3.00	3.00	
3	FEC203	Applied Chemistry -II	3.00	1.00					1.00					2.07	3.00	3.00	3.00	3.00	
4	FEC204	Engineering Drawing	1.90	2.90		1.90	2.90				1.00	1.00	1.00		3.00	3.00	0.00	3.00	
5	FEC205	Structured Programming Approach	3.00	3.00	2.90		2.00	1.00				1.90		1.90	3.00	2.00	0.00	3.00	
6	FEC206	Communication Skills	3.00	1.00						1.00	2.00		1.00	2.00	3.00	3.00	0.00	3.00	
7	FEL201	Basic Workshop Practice -II	3.00	1.90	3.00	1.00	3.00	2.00		1.00	2.00	2.00	2.90	1.90	2.67	2.60	3.00	2.67	
SH2021 SEM-III																			
1	MTC301	Engineering Mathematics-III	2.17	1.56	1.72	2.20													
2	MTC302	Data Structures and Algorithms	2.20		2.20	2.20	2.08								2.15			1.44	
3	MTC303	Engineering Materials and Metallurgy	2.80		1.87	2.80									2.20			1.47	
4	MTC304	Basic Electronics and Digital Circuit Design	2.27	2.40	2.04	2.00	1.60											2.80	
5	MTC305	Electrical Circuits and Machines	2.20	2.20	2.20	1.47									1.78			2.16	
6	MTL301	Data Structures and Algorithms Laboratory	2.80	2.80	2.80										2.08			1.47	
7	MTL302	Applied Electronics Laboratory-I	2.80	2.80	2.80	2.80									2.80			1.87	
8	MTL303	Electrical and Electronics Workshop	2.43		2.80		2.07									1.87		1.87	
9	MTL304	CAD - Modeling Laboratory	2.80		2.80		2.80								2.80			1.62	
	MTPBL301	Mini Project-1A	3.00		3.00	3.00	2.00											1.87	
FH2022 SEM-IV											3.00	3.00	3.00	3.00	2.40			2.75	
1	MTC401	Engineering Mathematics-IV	2.20	1.83	2.20	1.83	2.20												
2	MTC402	Kinematics of Machinery	2.24	2.20	2.10	2.40									2.20				
3	MTC403	Thermal and Fluid Engineering	2.20	2.20	2.20											2.08			
															2.20			1.47	


PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 708.



3	MTDLO7032	Neural Network and Fuzzy Logic	2.45	2.60	2.13										2.40			
4	MTDLO7042	Medical Mechatronics	2.80		2.49			2.80							2.80		2.80	
5	ILO7011	Product Life Cycle Management	2.65		2.67													
6	MTL701	Automotive Mechatronics Lab	2.52		2.40												2.40	1.80
7	MTL702	Mechatronics Lab	3.00		2.50												3.00	3.00
8	MTL7032	Neural Network and Fuzzy Logic Laboratory	2.40		2.40		2.40										2.40	
9	MTP701	Major Project I	2.90	3.00	3.00			3.00		2.40			3.00		3.00	3.00	2.40	
FH2024 SEM VIII																		
SR.NO	SUBJECT CODE	SUBJECT																
1	MTC801	Industrial Automation and Industry 4.0	2.10		2.00		2.07											
2	MTDLO8051	AI and Machine Learning	2.80	2.80	2.80	1.87									2.40	1.93	2.00	
3	MTDLO8063	Engineering Management and Economics	2.83							1.93					1.87			
4	ILO8023	Entrepreneurship Development and Management	2.90										2.33					
5	MTL801	Robotics and Machine Vision Laboratory	2.73				2.73										2.73	
6	MTL802	Industrial Automation and Industry 4.0 Lab	2.93				2.93								2.80	2.93	2.93	2.93
7	MTP801	Major Project II	3.00	3.00	3.00				3.00	3.00	3.00		2.67		3.00		2.93	3.00
Average			2.57	2.17	2.20	2.19	2.25	2.29	1.88	1.88	2.50	2.43	1.86	2.23	2.45	1.97	1.56	2.27


PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.



TPCT's TERNA ENGINEERING COLLEGE, NERUL

DEPARTMENT OF INFORMATION TECHNOLOGY

PO ATTAINMENT 2020-2024 Batch

CO PO / CO PSO Attainment for Batch 2020-2024

SH2019 SEM-I

SR_NO	SUBJECT CODE	SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	FEC101	Engineering Mathematics I	3.00	1.93	1.03	0.00	0.00	0.00	1.07	0.00	0.00	0.00	0.00	0.00			
2	FEC102	Physics I	3.00	1.08	1.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00			
3	FEC103	Chemistry I	3.00	1.00	1.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	2.00			
4	FEC104	Engineering Mechanics	2.97	2.93	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
5	FEC105	Basic Electrical and Electronics Engg	3.00	2.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
7	ITC101	Workshop I	3.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

FH2020 SEM-II

SR_NO	SUBJECT CODE	SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	FEC201	Engineering Mathematics II	2.97	1.91	1.01	0.00	0.00	0.00	1.06	0.00	0.00	0.00	0.00	0.00			
2	FEC202	Physics II	2.97	1.06	0.98	0.00	0.00	0.00	1.95	0.00	0.00	0.00	0.00	2.03			
3	FEC203	Chemistry-II	3.00	1.07	1.00	0.00	0.00	0.00	1.95	0.00	0.00	0.00	0.00	2.07			
4	FEC204	Engineering Graphics	1.38	2.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.38	0.00	0.00			
5	FEC205	C Programming	2.97	2.97	2.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00			
6	FEC206	Professional Communication and Ethics I	3.00	1.07	1.00	0.00	0.00	0.00	1.95	0.00	0.00	0.00	0.00	2.00			
7	FEL206	WorkshopS II	3.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.07			

SH2020 SEM-III

SR_NO	SUBJECT CODE	SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	ITC301	Engineering Mathematics III		0.55	0.50	0.47	0.40	0.60	0.40	0.40		0.60	0.60	0.60			
3	ITC302	Data Structure & Analysis	2.00	2.00	2.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	1.00	2.00	2.00	1.00
4	ITC303	Database Management System	3.00	3.00	3.00	0.00	2.00	0.00	0.00	2.90	2.00	0.00	2.00	0.00	2.00	2.00	2.00
5	ITC304	Principle of Communication	2.93	2.07	2.05	2.07	1.00	2.90	2.00	2.00	3.00	0.00	0.00	1.60	3.00	0.00	1.00
	ITC305	Paradigm of Computer Programming Fundamentals	2.93	2.93	2.97	2.07	0.53	3.00	0.00	0.00	0.00	0.00	0.00	0.00	1.40	1.25	1.25
6	ITL301	Data structures Lab	2.00	1.05	1.05	1.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	1.00	1.00
7	ITL302	Structured Query L Lab	3.00	3.00	3.00	0.00	2.00	0.00	0.00	2.90	2.00	0.00	2.00	0.00	2.00	2.00	2.00
8	ITL303	Computer Programming Paradigm Lab	2.00	2.00	2.00	0.00	2.00	0.00	0.00	3.00	0.00	3.00	0.00	2.00	2.00	1.00	1.00
9	ITL304	Java Programming Lab	2.03	2.03	2.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00
10	ITL301	Mini Project I A	2.88	1.00	1.00	0.00	1.00	0.00	0.00	2.88	2.88	2.88	2.88	2.88	2.89	0.00	0.00

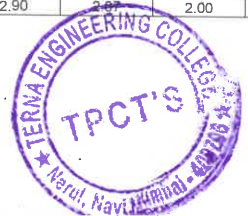
FH2021 SEM-IV

SR_NO	SUBJECT CODE	SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	ITC401	Applied Mathematics -IV		2.02	1.83	1.71	1.47	2.20	1.47	1.47		2.20	2.20	2.20			
2	ITC402	Computer Networks and Network Design	1.33	1.33	2.00	2.00	0.00	0.67	0.00	0.67	0.00	0.00	0.00	2.00	3.00	1.00	0.00
3	ITC403	Operating Systems	1.89	1.96	1.96	1.91	1.60	0.00	0.00	1.30	0.00	0.00	0.00	0.00	2.00	1.00	0.00
4	ITC404	Automata Theory	2.40	0.99	0.99	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	1.00	0.00
5	ITC405	Computer Organization and Architecture	2.78	2.85	2.90	2.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00	0.00
6	ITL401	Networking Lab	2.00	2.00	2.97	2.97	2.97	0.00	1.00	2.00	2.00	0.00	0.00	3.00	3.00	0.00	0.00
7	ITL402	Unix lab	2.93	2.93	2.05	3.00	2.07	0.00	2.00	0.00	0.00	0.00	0.00	0.00	2.00	1.00	0.00
8	ITL403	Microprocessor Programming Lab	2.90	2.96	3.00	2.90	0.00	0.00	0.00	2.93	0.00	2.93	0.00	3.00	0.00	0.24	0.00
9	ITL404	Python Lab	3.00	1.08	1.93	0.00	2.00	0.00	0.00	2.00	2.00	2.00	0.00	1.00	2.00	2.00	2.00
10	ITL401	Mini Project I B Python based Automated Project	2.95	1.00	1.00	0.00	1.00	0.00	0.00	2.95	2.95	2.95	2.95	2.95	2.66	0.00	0.00

SH2021 SEM-V

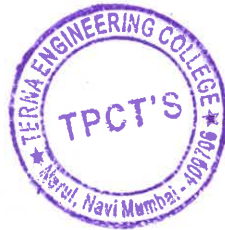
SR_NO	SUBJECT CODE	SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	ITC501	Internet Programming	3.00	3.00	3.00	2.96	2.00	2.00	1.00	2.00	2.97	2.00	2.97	3.00	2.00	0.00	
2	ITL502	Computer Network and Security	2.93	2.87	2.00	1.95	2.00	1.90	2.00	2.60	0.00	0.00	0.00	1.93	2.00	0.00	0.00
3	ITC503	Entrepreneurship &EB	2.00	2.00	2.00	3.00	0.00	1.00	1.00	1.00	1.00	2.00	3.00	2.00	0.00	2.00	2.00
4	ITC504	Software Engineering	2.00	2.05	2.08	0.00	2.00	2.00	2.00	2.00	0.00	0.00	3.00	2.00	2.00	2.00	2.17
5	ITDO5014	Advanced Data Structure and Analysis	1.99	1.96	1.96	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.98	1.00	2.00	0.00
6	ITL501	Internet Programming Lab	3.00	3.00	3.00	2.96	2.00	2.00	1.00	2.00	2.97	2.00	2.97	3.00	2.00	0.00	0.00
7	ITL502	Security Lab	1.00	1.00	3.00	3.00	3.00	3.00	0.00	3.00	0.00	0.00	0.00	3.00	2.00	0.00	0.00
8	ITL503	Devops Lab	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	100.00	0.00	100.00	33.33	2.00	0.00	0.00
9	ITL504	Adv Devops Lab	0.00	0.00	3.00	3.00	3.00	0.00	3.00	1.00	1.00	1.00	2.00	3.00	2.00	0.00	0.00
10	ITM505	Professional Communication and Ethics II	3.00	4.93	1.08	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	1.97	3.00	0.00	1.00
11	ITM501	Mini Project A webpage Business Model	2.90	3.00	2.90	2.93	2.90	2.90	2.00	2.95	2.96	3.00	2.93	2.90	2.33	2.50	2.33

PRINCIPAL
 TERNA ENGINEERING COLLEGE
 NERUL NAVI MUMBAI - 400 706.



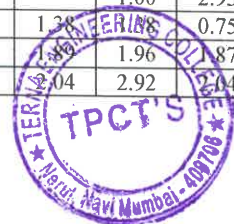
FH2022 SEM-VI																	
SR.NO	SUBJECT CODE	SUBJECT															
1	ITC601	Data Mining and Business Intelligence	3.00	2.90	2.92	0.00	1.95	0.00	0.00	2.92	2.92	0.00	1.95	2.92	2.00	2.00	2.00
2	ITC602	Webex 0.	0.00	2.00	0.00	3.00	0.00	2.00	0.00	2.00	0.00	0.00	1.95	2.92	2.00	2.00	2.00
3	ITC603	Wireless Technology	3.00	2.96	2.95	3.00	2.00	3.00	2.08	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00
4	ITC604	AI and DS I	3.00	2.04	2.05	0.00	0.00	1.90	1.03	2.00	1.00	0.00	0.00	3.00	2.00	2.26	1.74
5	ITDO6014	Ethical Hacking and Forensic	3.00	3.00	2.08	3.00	3.00	2.93	2.00	2.00	2.00	1.00	0.00	2.00	1.40	0.46	0.00
6	ITL601	BI Lab	3.00	2.97	3.00	0.00	2.00	0.00	0.00	3.00	3.00	0.00	2.00	3.00	1.09	0.94	0.94
7	ITL602	WEB Lab	0.00	2.00	0.00	3.00	0.00	2.00	0.00	2.00	3.00	0.00	2.00	3.00	2.00	2.00	2.00
8	ITL603	Sensor Lab	2.07	2.90	2.90	2.93	2.90	2.00	2.00	2.00	0.00	0.00	0.00	3.00	2.00	0.00	0.00
9	ITL604	MAD and PWA Lab	3.00	2.00	3.00	2.00	3.00	0.00	2.00	2.95	2.95	3.00	2.93	2.07	2.33	2.50	2.33
10	ITL605	DS using python skill based Lab	3.00	2.00	2.05	0.00	0.00	0.00	2.00	2.00	0.00	0.00	0.00	3.00	1.67	0.00	3.00
11	ITM601	Mini Project 2B based on ML	2.35	2.63	2.67	1.83	2.32	2.00	2.24	2.95	2.94	2.85	2.00	2.74	2.95	1.00	1.39
SH2022 SEM VII																	
SR NO.	SUBJECT CODE	SUBJECT															
1	ITC701	AI DS II	2.97	2.90	1.03	1.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	1.00	1.05	0.70	0.85
2	ITC702	Internet of Everything	2.97	2.97	2.97	1.98	2.87	1.96	0.00	0.00	1.96	1.96	2.00	2.87	0.94	1.40	0.94
3	ITC703	Software Testing and Quality Assurance	2.92	1.89	1.89	0.00	0.00	1.84	1.00	1.89	0.00	0.00	0.00	1.97	1.50	0.00	0.00
4		Information Retrieval System	3.00	3.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	1.97	1.50	0.00	0.00
5		Disaster Management and Mitigation Measures	1.36	2.00	1.96	1.38	0.00	0.00	0.00	1.33	1.33	0.00	0.00	1.00	1.40	0.00	0.00
6	ILT701	Data Science Lab	2.97	2.90	1.03	1.00	0.00	1.00	1.00	0.00	2.00	2.00	0.00	0.67	3.00	1.17	1.20
7	ILT702	Internet of Everything Lab	1.00	1.00	3.00	3.00	3.00	3.00	0.00	3.00	0.00	0.00	2.00	1.00	1.50	1.50	1.20
8	ILT703	Secured application Development Lab	3.00	1.92	1.96	0.00	0.00	1.96	1.07	1.00	1.00	1.00	0.00	3.00	2.00	0.00	0.00
9	ILT704	Recent Open Source Project Lab	2.83	3.00	0.00	0.00	2.17	3.00	0.00	2.67	2.83	3.00	1.00	2.03	3.00	1.00	1.00
10	ITP701	Project-I	2.48	2.60	2.62	1.95	2.38	2.15	2.37	2.90	3.00	2.90	2.19	2.71	3.00	1.88	2.72
FH2023 SEM VIII																	
SR.NO	SUBJECT CODE	SUBJECT															
1	ITC801	Block chain and DLD	3.00	3.00	2.00	2.00	2.00	2.00	0.00	0.00	2.00	0.00	2.00	2.00	2.00	2.00	0.00
2	ITDO8011	Big data Analytics	2.97	3.00	2.95	3.00	3.00	0.00	0.00	3.00	2.00	3.00	3.00	3.00	0.00	1.40	0.00
3	ITDO8021	User Interface Design	3.00	2.93	2.93	2.00	2.00	2.00	0.00	0.00	3.00	0.00	3.00	3.00	0.00	1.40	0.00
4	ILO8019	Environmental Management	2.00	2.00	1.00												
5	ITL801	Block Chain Lab	2.97	2.03	2.00	2.03	2.00	2.50	2.70	2.50				3.00	1.46	2.20	1.46
6	ITL802	Cloud Computing Lab	2.03	2.96	1.93	2.90	2.00	2.00	2.00	2.00	2.00	0.00	2.00	3.00	1.00	2.00	2.00
8	ITP801	Project-II	2.56	2.76	2.56	2.06	2.44	2.12	2.47	2.89	3.00	2.89	2.28	2.89	3.00	2.00	0.00
Average			2.48	2.07	1.95	1.25	2.53	1.05	0.82	1.29	2.42	0.82	2.30	2.16	1.99	1.07	0.91


PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 703.



TPCT'S																
Terna Engineering College, Nerul, Navi Mumbai																
Department of Civil Engineering																
Summary Sheet PO-PSO Direct attainment																
Batch 2020-24																
Sr. No.	SUBJECT CODE	SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
SH2020 SEM-I																
1	FEC101	Engineering Mathematics-I	3.00	1.07	1.00				1.95							
2	FEC102	Engineering Physics-I	2.97	1.00							1.00	1.00	1.00			
3	FEC103	Engineering Chemistry-I	3.00	1.00	1.00			2.00	2.00					2.00		
4	FEC104	Engineering Mechanics	3.00	3.00	2.00									2.00	0.80	
5	FEC105	Basic Electrical Engineering	3.00	2.00	1.00	1.00		2.05						2.00		
6	FEL101	Engineering Physics-I	2.97	1.00							1.00	1.00	1.00			
7	FEL102	Engineering Chemistry-I	3.00	1.00	1.00			2.00	2.00					2.00		
8	FEL103	Engineering Mechanics	3.00	3.00	2.00									2.00	0.80	
9	FEL104	Basic Electrical Engineering	3.00	2.00	1.00	1.00		2.05						3.00		
10	FEL105	Basic Workshop Practice-I	3.00	0.00	3.00	1.00	2.00	2.00	1.00		2.00	1.90		2.00		
FH2021 SEM-II																
1	FEC201	Engineering Mathematics-II	3.00	1.93	1.03				1.07				1.00			
2	FEC202	Engineering Physics-II	3.00	1.03			2.00		1.00					2.07		
3	FEC203	Engineering Chemistry-II	3.00	1.00							1.00	1.00	1.00	0.00		
4	FEC204	Engineering Graphics	1.29	1.93		1.29	1.93					1.29		1.29	0.80	0.80
5	FEC205	C programming	2.97	2.97	2.93		2.00	1.00		1.00	2.00		1.00	2.00		
6	FEC206	Professional Communication and Ethics	3.00	1.00						1.96	3.00		1.00			
7	FEL201	Engineering Physics-II	3.00	1.03			2.00		1.00					2.07		
8	FEL202	Engineering Chemistry-II	3.00	1.00							1.00	1.00	1.00			
9	FEL203	Engineering Graphics	1.29	1.93		1.29	1.93					1.29		1.29	0.80	0.80
10	FEL204	C programming	2.97	2.97	2.93		2.00	1.00		1.00	2.00		1.00	2.00		
11	FEL205	Professional Communication and Ethics	3.00	1.00						1.96	3.00		1.00	2.00		
12	FEL206	Basic Workshop Practices-II	3.00	1.92	3.00	1.04	3.00	2.00		1.00	2.00	2.00	2.90	1.90		
SH2021 SEM-III																
1	CE-C 301	Applied Mathematics III	3.00	1.92	1.00				1.08				1.00			
2	CE-C 302	Mechanics of solids	3.00	2.05	2.05	2.00		2.00	2.05	2.00	2.05	2.00		3.00	3.00	
3	CE-C 303	Engineering Geology	2.97	2.97	1.98	0.99		2.90	2.90		2.01	1.98		2.97	2.00	
4	CE-C 304	Architectural Planning and Building Drawing	3.00	2.00	2.05	1.00	1.00	1.08	1.96	2.08	3.00	2.04		3.00	3.00	
5	CE-C 305	Fluid Mechanics-I	2.92	1.93	1.96	1.89	1.96	1.98	2.00	0.98	1.90	1.87		2.92	1.87	
6	CE-L 301	Mechanics of solids	3.00	2.05	2.05	2.00	2.90	2.00	2.05	2.00	2.05	2.05		3.00	3.00	
7	CE-L 302	Engineering Geology	3.00	3.00	2.00		1.00	2.93	2.93		2.03	2.00		3.00	2.00	
8	CE-L 303	Architectural Planning and Building Drawing	2.08	1.38	1.40	1.38	1.38	0.75	1.37	1.44	2.08	1.42		2.08	3.00	3.00
9	CE-L 304	Fluid Mechanics-I	2.96	2.00	1.93		1.96	1.87	1.00	0.97	1.00	0.93		2.05	2.00	
10	CE-L 305	SBL-I	2.92	2.00	2.92	2.04	2.92	2.04	2.04	2.04	2.92	2.04		2.92	2.60	2.40

PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.




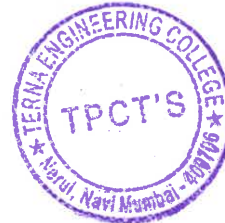
11	CEM301	Mini Project 1A	3.00	3.00	3.00	2.00	2.00	3.00	3.00	2.00	3.00	3.00	3.00	3.00	3.00	2.00	
FH2022 SEM-IV																	
1	CEC401	Engineering Mathematics – IV	3.00	1.96	1.04				1.04				1.00				
2	CEC402	Structural Analysis	2.90	2.93	2.00	1.97		1.00	1.00	2.00	1.97	1.97		2.00	2.20		
3	CEC403	Surveying	2.93	2.84	1.92		0.93	2.84	1.93	2.01	2.02	1.93		2.93	2.67		
4	CEC404	Building Materials & Concrete Technology	2.00	1.36	1.35	1.34	0.67	0.70	0.74	1.33	2.00	2.00	1.33	2.00	2.00		
5	CEC405	Fluid Mechanics-II	2.95	2.90	1.97	1.97		1.97	1.97	1.97	1.88	1.97		2.95	2.00		
6	CEL401	Structural Analysis	3.00	2.90	2.00	1.95			1.00	3.00	2.00	3.00		3.00	1.84		
7	CEL402	Surveying	3.00	2.90	1.97	2.00	1.00	2.90	1.97	2.07	2.07	2.07		3.00	2.67		
8	CEL403	Building Materials & Concrete Technology	3.00	2.03	2.93			1.03	1.07	2.00	3.00	3.00		2.90	2.00		
9	CEL404	Fluid Mechanics-II	3.00	2.92	2.00	1.96	1.00	2.00	2.00	2.00	2.92	2.00		3.00	3.00		
10	CEL405	Skill Based lab Course – II	1.97	3.00	2.90	2.93	2.90	3.00	2.00	3.00	3.00	2.00		2.93	2.00	2.33	
11	CEM401	Mini Project 1B	3.00	3.00	3.00	2.00	2.00	3.00	3.00	2.00	3.00	3.00	3.00	3.00	3.00	2.00	
SH2022 SEM-V																	
1	CE-C501	Theory of Reinforced Concrete Structures	3.00	2.95	2.90	2.90		2.95	2.95	2.95	3.00	2.00		3.00	2.00		
2	CE-C502	Applied Hydraulics	2.03	2.03	1.42			1.44	1.34	1.38	1.33	1.31		2.07	2.33		
3	CE-C503	Geotechnical Engineering -I	1.99	1.99	1.35	1.35	0.70	1.39	1.32	1.36	1.34	1.32		2.00	2.00		
4	CE-C504	Transportation Engineering	2.90	1.96	1.90	1.92		2.83	2.87	2.93	2.02	2.89		2.93	2.50		
5	CE-DLO 5012	Department Level Optional Course-I: Building Services and Repairs	3.00	2.00	1.93	1.93		1.10	1.10	2.00	1.60	1.60	1.00	3.00	1.46		
7	CE-L501	Theory of Reinforced Concrete Structures	3.00	2.95	3.00	2.00		2.95	2.95	2.95	2.00	3.00		3.00	2.00		
8	CE-L502	Applied Hydraulics	2.96	2.96	2.04	1.00		2.04	1.96	2.00	0.36	0.44		3.00	2.40		
9	CE-L503	Geotechnical Engineering -I	2.97	2.07	1.00	2.03		2.07	1.97	2.03	2.03	2.93		3.00	1.59		
10	CE-L504	Transportation Engineering	2.07	2.06	2.02	1.32		1.38	1.38	1.38	2.07	1.41		2.07	2.67		
11	CE-C505	Professional Communication and Ethics	1.90	2.00				2.03		2.03	2.00	2.93		2.93			
12	CEM 501	Mini Project 2A	3.00	2.93	3.00	2.07	2.00	2.90	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.50
FH2023 SEM-VI																	
1	CE-C601	Design and Drawing of Steel Structures	2.90	1.93	1.93	1.93	1.93	0.97	0.97	0.97	0.98	1.96		1.93	1.60		
2	CE-C602	Water Resources Engineering	3.00	2.00	2.00	1.10		2.90	2.10	2.90	2.80	2.00		2.90	1.84		
3	CE-C603	Geotechnical Engineering-II	1.93	1.96	1.33	0.67		1.39	1.36	1.31	1.33	0.67		1.96	0.89		
4	CE-C604	Environmental Engineering	3.00	2.00	2.03	2.00	3.00	2.90	3.00	1.97	1.97	1.93	1.97	2.03	3.00		
5	CE-DLO6017	Department Level Optional Course-II- Construction Equipment & Techniques	1.30	1.33	1.06		1.20	1.30	0.54	1.33	0.67	1.20	1.46	1.23			
7	CE-L601	Design and Drawing of Steel Structures	3.00	2.00	2.00	2.00	2.00	1.00	1.00	1.00	2.00	3.00		3.00	1.40	0.70	
8	CE-L602	Water Resources Engineering	3.00	2.00	2.00	1.07		2.90	2.07	2.93	2.90	2.00		2.93	2.50		
9	CE-L603	Geotechnical Engineering-II	2.93	3.00	2.00	1.00	2.00	2.07	2.07	2.00	2.07	2.07		2.93	2.08		
10	CE-L604	Environmental Engineering	3.00	2.00	2.08	2.04	3.00	2.92	3.00	2.00	1.96	1.96	1.96	2.00	3.00		
11	CE-L605	Skill Based Lab Course – III	2.10	2.00	2.00	2.00	3.00	1.10	2.00	2.10	3.00	2.10		3.00	2.06	2.06	
12	CEM 601	Mini Project 2B	3.00	2.93	3.00	2.07	2.00	2.90	3.00	3.00	3.00	3.00	3.00	3.00	2.20	1.84	
SH2023 SEM VII																	
1	CE-C 701	Design & Drawing of Reinforced Concrete Structures	1.93	1.29	1.29	0.65		1.29	1.29	0.65	1.29	1.29		1.93	1.06		


PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 708.



2	CE-C 702	Quantity Survey, Estimation & Valuation	2.90	2.89	2.82	1.93		1.99	1.92	1.97	2.89	1.97		2.90	2.20	
3	CE-C DLO7015	Advanced Construction Technology	1.93	1.93	1.93	1.77	2.00	0.97	1.93	1.93	2.03	1.83		2.00	2.00	
4	CE-DLO 7022	Solid hazardous waste management	1.05	0.35	1.03	0.70	0.35	1.05	1.05	1.05	0.69	0.65		0.74	1.50	
5	CEIL07017	Disaster Management, Mitigation & measures	2.90	2.95	1.00			2.95	2.05	2.90	3.00	2.90		2.00	2.00	
6	CE-L 701	Design & Drawing of Reinforced Concrete Structures	2.97	2.01	1.98	1.02		0.99	1.98	2.00	1.98	1.98		1.98	2.08	1.46
7	CE-L 702	Quantity Survey, Estimation & Valuation	3.00	2.93	2.93	2.07	2.00	2.90	2.93	2.90	2.93	2.93	2.00	3.00	3.00	3.00
8	CEP 701	Major Project (Part-I)	3.00	3.00	3.00	2.00	2.00	3.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	2.75
FH2024 SEM VIII																
1	CE-C 801	Construction Management	2.90	1.94	1.92	0.97		2.84	2.00	1.84	0.97	0.97	1.94	2.90	0.80	
2	CE-DLO 8015	Industrial Waste Treatment	2.97	2.01	2.93	0.98	0.98	2.94	2.97	1.98	1.98	1.98		2.04	0.94	
3	CE-DLO 8021	Repairs, Rehabilitation and Retrofitting of structures	1.98	2.01	1.98			1.91	0.99	1.92		1.06		1.98	1.40	
4	CEIL08011	Project Management	2.03	2.03	2.92	0.97	2.00	1.95	1.95	1.95	2.92	2.92		2.92	2.60	
5	CE-L 801	Construction Management	2.97	2.03	2.00	1.00		2.93	2.00	1.90	1.00	1.00	2.00	3.00	3.00	
6	CEP 801	Major Project (Part-II)	3.00	3.00	3.00	2.00	2.00	3.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	2.75
		Average	2.75	2.10	2.04	1.61	1.86	2.05	1.87	1.96	2.09	1.96	1.75	2.46	2.18	1.96


PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.

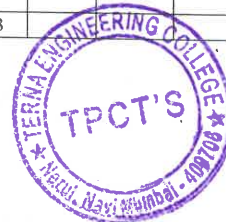


TPCT'S
Terna Engineering College, Nerul, Navi Mumbai
Department of EXTC

Summary Sheet PO-PSO Direct attainment
Batch 2020-24

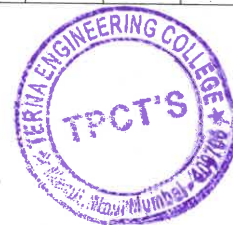
SH2020 SEM-I																	
SR.NO	SUBJECT CODE	SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	FEC101	Engineering Mathematics-I	3.00	1.07	1.00	0.00	0.00	0.00	1.95	0.00	0.00	0.00	0.00	0.00	1.20	1.00	1.0
2	FEC102	Engineering Physics-I	3.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00	1.00	1.0
3	FEC103	Engineering Chemistry-I	3.00	1.00	1.00	0.00	0.00	2.00	2.00	0.00	0.00	0.00	0.00	2.00	0.74	0.74	0.7
4	FEC104	Engineering Mechanics	2.10	2.00	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.74	0.74	0.7
5	FEC105	Basic Electrical Engineering	3.00	2.00	1.00	1.00	0.00	2.10	0.00	0.00	0.00	0.00	0.00	1.40	0.74	0.74	0.7
6	FEL101	Basic Workshop Practice-I	3.00	0.00	3.00	1.00	2.00	2.00	1.00	0.00	2.00	1.90	0.00	2.00	1.00	1.00	0.0
FH2021 SEM-II																	
SR.NO	SUBJECT CODE	SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	FEC201	Engineering Mathematics-II	3.00	1.90	1.00	0.00	0.00	0.00	1.10	0.00	0.00	0.00	1.00	0.00	1.00	0.00	1.0
2	FEC202	Engineering Physics-II	3.00	1.00	0.00	0.00	2.00	0.00	1.00	0.00	0.00	0.00	0.00	2.10	0.00	0.00	0.0
3	FEC203	Engineering Chemistry-II	3.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00	0.00	1.0
4	FEC204	Engineering Graphics	2.00	3.00	0.00	2.00	3.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00	0.54	0.00	0.5
5	FEC205	C programming	2.97	2.97	2.93	0.00	2.00	1.00	0.00	1.00	2.00	0.00	1.00	2.00	1.00	1.00	1.0
6	FEC206	Professional Communication and Ethics	3.00	1.00	0.00	0.00	0.00	0.00	0.00	2.00	3.00	0.00	1.00	1.00	0.46	0.00	0.5
7	FEL201	Basic Workshop Practices-II	3.00	1.92	3.00	1.04	3.00	2.00	0.00	1.00	2.00	2.00	2.90	1.90	1.00	0.00	1.0
SH2021 SEM-III																	
SR.NO	SUBJECT CODE	SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	ECC301	Applied Mathematics III	2.40	2.50	2.30	2.30	2.20	2.30	2.30	2.40	1.00	1.00	1.00	1.00	2.20		1.0
2	ECC302	Electronic Devices and Circuits I	2.50	2.50	2.25	2.30	2.30	2.25	2.00	2.50	1.00	1.00	1.00	1.00	2.00		1.0
3	ECC303	Digital System Design	2.90	2.90	2.90	2.90	2.90	2.90	2.90	1.90	0.90	1.90	0.90	2.90	2.90		2.9
4	ECC304	Networks Theory	2.74	1.99	1.99	1.00	1.00	0.99		0.99		1.00		0.99	1.99	0.00	1.0
5	ECC305	Electronic Instrumentation and Control	3.00	2.25	2.75	2.00	3.00	2.75	2.25	2.00	2.50	1.00	1.00	2.50	2.00		1.0
6	ECL301	Electronic Devices and Circuits I Labor	3.00	2.25	2.75	2.00	3.00	2.75	2.25	2.00	2.50	1.00	1.00	2.50	2.00		1.0
7	ECL302	Digital System Design Laboratory	2.90	2.90	2.90	2.90	2.90	2.90	2.90	1.90	0.90	1.90	0.90	2.90	2.90		2.9
8	ECL303	OOP using JAVA															
FH2022 SEM-IV																	
SR.NO	SUBJECT CODE	SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	ECC401	Applied Mathematics IV															
2	ECC402	Microcontrollers	3.00	2.91	2.04	2.59	1.99	2.53	1.81	1.81	2.00	1.65	3.00	1.00	2.36	1.99	3.0
3	ECC403	Linear Integrated Circuits	2.50	2.50	2.50	2.20	2.00	2.00	1.90	1.00	1.00	1.00	1.00	1.00	2.00	2.10	2.8
4	ECC404	Signals & Systems	2.36	1.38		0.79					1.83	2.52	2.50	2.40	2.52	2.45	2.6
5	ECC405	Principles of Communication Engineeri	3.00	2.00	2.00	1.97	2.00	2.07	1.96					1.00	1.40		0.5
6	ECL401	Microcontrollers lab	3.00	2.91	2.04	2.59	1.99	2.53	1.81	1.81	2.00	1.65	3.00	1.00	2.36	1.99	3.0
7	ECL402	Linear Integrated Circuits Laboratory	2.50	2.50	2.50	2.20	2.00	2.00	1.90	1.00	1.00	1.00	1.00	1.00	2.00	2.10	2.8
8	ECL403	Principles of Communication Engineeri	3.00	2.00	2.00	1.97	2.00	2.07	1.96					1.00	1.40		0.5
SH2022 SEM-V																	
SR.NO	SUBJECT CODE	SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	ECC501	Digital Communication	3.00	2.90	1.93	1.93									0.97	1.20	0.4

PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 401 006.



2	ECC502	Discrete Time Signal Processing	2.09	1.39	0.70	0.70	2.09			0.70				0.70	2.09	2.09	0.7	
3	ECC503	Digital VLSI	2.08	2.00	1.67	1.83	1.67	1.83	0.83	1.50	1.00	1.00	0.00	1.25	2.75	2.00	1.3	
4	ECC504	Random Signal Analysis																
5	ECC505	Department Level Optional Course I DS	2.75	2.22	1.23	1.38				0.92				1.84	0.92		0.9	
6	ECL503	Business Communication & Ethics																
7	ECL501	Digital Communication	3.00	2.90	1.93	1.93								0.97	1.20		0.4	
8	ECL502	Discrete Time Signal Processing Lab	2.09	1.39	0.70	0.70	2.09			0.70				0.70	2.09	2.09	0.7	
9	ECL503	Digital VLSI Lab	2.08	2.00	1.67	1.83	1.67	1.83	0.83	1.50	1.00	1.00	0.00	1.25	2.75	2.00	1.3	
FH2023 SEM-VI																		
SR.NO	SUBJECT CODE	SUBJECT																
1	ECC601	Electromagnetics and Antenna																
2	ECC602	Computer Communication Networks	3.00	2.95	2.84	2.50	3.00	2.93	2.00	2.00	2.00	2.75	2.00	1.90	1.86	1.17	2.0	
3	ECC603	Image Processing and Machine Vision	2.93	2.91	2.03	2.88	2.88	2.03	1.00	0.08	0.09	0.00	0.98	2.00	1.20	1.00	0.9	
4	ECC604	Artificial Neural Network and Fuzzy Lo	2.80	2.80	2.80	2.70	2.70	2.54	1.90		1.00	1.20	1.80	1.70	2.80	2.80	1.2	
5	ECCDLO6014	Department Level Optional Course II DBMS																
6	ECL601	Electromagnetics and Antenna Lab	3.00	2.00	3.00	3.00	3.00	3.00								2.25	2.00	1.5
7	ECL602	Computer Communication Networks Networks Lab																
8	ECL603	Image Processing and Machine Vision	3.00	2.95	2.84	2.50	3.00	2.93	2.00	2.00	2.00	2.75	2.00	1.90	1.86	1.17	2.0	
9	ECL604	Skill Lab: Linux and Networking and Server Configuration																
SH2023 SEM VII																		
SR.NO	SUBJECT CODE	SUBJECT																
1	ECC701	Microwave Engineering	2.20	3.00	3.00	2.66	1.33	1.00	2.00	0.66	1.66	2.33	1.66	2.33	3.00		2.0	
2	ECC702	Mobile Communication System		3.00	3.00	3.00	3.00	3.00	3.00	2.00	1.00	1.00	1.00	1.00	3.00		2.0	
3	ECC703	Optical Communication																
4	ECCDLO 7013	Department Level Optional Course 3 C	3.00	3.00	3.00	2.96	2.92	3.00	2.04		1.00	1.04	1.96	1.00	2.00	2.80	1.6	
5	ECCDLO 7014	Department Level Optional Course 3 Big Data Analytics																
6	ECCDLO 7023	Department Level Optional Course 2 Internet Communication Engineering																
7	ECC705	Institute Level Optional Course I MIS																
8	ECP701	Project- I													0.00			
FH2024 SEM VIII																		
SR.NO	SUBJECT CODE	SUBJECT																
1	ECC801	Optical Communication and Networks	3.00	3.00	3.00			3.00										
2	ECCDLO 8022	Department Level Optional Course 4 S	3.00	3.00	2.00					2.00								
3	ECCDLO 8023	Department Level Optional Course 4 N	3.00	2.40	2.20	2.40	2.75	1.75				1.00	1.00	1.00	2.00	3.00	2.0	
4	ECCDLO 8012	Department Level Optional Course 3 N	2.00	2.40	2.20	2.40	2.75	1.25				0.00	2.70	2.70	2.70	2.70	2.7	
5	ILO 8019	Institute Level Optional Course II EM				3.00	3.00	3.00							1.00	1.00	1.0	
6	ILO 8011	Institute Level Optional Course II PM																
7	ECP801	Project- II																
Average			2.75	2.21	1.94	1.67	1.93	1.81	1.45	1.04	1.16	1.07	1.12	1.46	1.68	1.29	1.32	


PRINCIPAL
 TERNA ENGINEERING COLLEGE
 NERUL NAVI MUMBAI - 400 708.



TPCT'S

Terna Engineering College, Nerul, Navi Mumbai

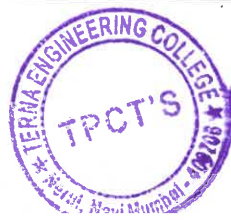
Department of Electronics Engineering

Summary Sheet PO-PSO Direct attainment


Batch 2020-24

SR. NO.	Year	SEM	SUBJECT CODE	SUBJECT NAME	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	SH-20	1	FEC101	Engineering Mathematics-I	3.0	1.1	1.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	2.5	2.4	0.0
2	SH-20	1	FEC102	Engineering Physics-I	3.00	1.08	1.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	2.88	3.0	2.3	0.0
3	SH-20	1	FEC103	Engineering Chemistry-I	3.0	1.0	1.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	2.0	1.0	2.0	0.0
4	SH-20	1	FEC104	Engineering Mechanics	3.0	2.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.3	1.5	0.0
5	SH-20	1	FEC105	Basic Electrical Engineering	3.0	2.0	1.0	1.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	3.0	2.6	2.2	1.0
6	SH-20	1	FEL101	Basic Workshop Practice-I	3.0	0.0	3.0	1.0	2.0	2.0	1.0	0.0	2.0	1.9	0.0	2.0	2.0	2.0	2.0
7	FH-21	2	FEC201	Engineering Mathematics-II	3.0	1.9	1.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	1.0	0.0	1.5	1.3	0.0
8	FH-21	2	FEC202	Engineering Physics-II	3.00	1.03	0.00	0.00	2.00	0.00	1.00	0.00	0.00	0.00	0.00	2.07	0.0	0.0	0.0
9	FH-21	2	FEC203	Engineering Chemistry-II	3.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.7	0.7	0.7
10	FH-21	2	FEC204	Engineering Graphics	2.0	3.0	0.0	2.0	3.0	0.0	0.0	0.0	0.0	2.0	0.0	2.0	1.0	0.0	0.0
11	FH-21	2	FEC205	C programming	3.0	3.0	2.9	0.0	2.0	1.0	0.0	1.0	2.0	0.0	1.0	2.0	1.2	1.2	1.7
12	FH-21	2	FEC206	Professional Communication and Ethics	3.0	1.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0	0.0	1.0	0.0	1.3	1.3	1.5
13	FH-21	2	FEL201	Basic Workshop Practices-II	3.0	1.9	3.0	1.0	3.0	2.0	0.0	1.0	2.0	2.0	2.9	1.9	2.5	2.5	2.5
14	SH-21	3	ELC301	Engineering Mathematics - III															
15	SH-21	3	ELC302	Electronics Devices and Circuits - I	3.0	2.0	3.0	2.0	0.0	2.0	0.0	0.0	0.0	0.0	3.0	3.0	1.00	0.00	1.00
16	SH-21	3	ELC303	Digital Logic Circuits	2.0	2.8	2.8	2.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.1	0.0
17	SH-21	3	ELC304	Electrical Networks Analysis and	2.7	2.7	1.0	1.7	0.3	0.4	0.4	0.8	1.4	0.6	1.1	0.8	0.8	0.0	0.0
18	SH-21	3	ELC305	Electronic Instruments and	3.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
19	SH-21	3	ELL301	Electronics Devices and Circuits - I	3.0	2.0	3.0	2.0	0.0	2.0	0.0	0.0	0.0	0.0	3.0	3.0	1.00	0.00	1.00
20	SH-21	3	ELL302	Digital Logic Circuits Lab	2.1	2.9	2.9	2.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	2.3	0.0
21	SH-21	3	ELL303	Electronic Instruments and	3.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
22	SH-21	3	ELL304	Skill-base Lab OOPM: (C++ and															
23	SH-21	3	ELM301	Mini Project - 1A	2.1	2.9	2.9	2.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	2.3	0.0
24	FH-22	4	ELC402	Electronics Devices and Circuits - II	3.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0
25	FH-22	4	ELC403	Microcontroller Applications	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0	0.0
26	FH-22	4	ELC404	Principles of Communication Engg	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
27	FH-22	4	ELC405	Signals and Systems	3.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5
28	FH-22	4	ELL401	Electronics Devices and Circuits - II	3.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0
29	FH-22	4	ELL402	Microcontroller Applications Lab	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0	0.0
30	FH-22	4	ELL403	Analog Communication Engg Lab	3.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0

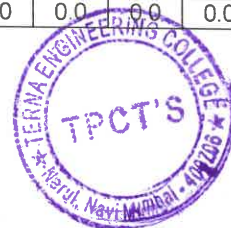
PRINCIPAL
TERNA ENGINEERING COLLEGE
 NERUL, NAVI MUMBAI - 400 706.




31	FH-22	4	ELL404	Skill base Lab																
32	FH-22	4	ELM401	Mini Project - 1B	2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
33	SH-22	5	ELC503	Linear Integrated Circuits	2.0	2.1	2.1	2.9	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.5	0.0	
34	SH-22	5	ELC502	Digital Signal Processing	3.0	3.0	3.0	3.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.6	0.0	1.6
35	SH-22	5	ELC501	Principles of Control System	2.8	2.8	2.8	3.0	0.6	2.4	0.0	0.0	0.0	0.0	0.0	1.6	1.7	0.3	0.0	
36	SH-22	5	ELC504	Digital Communication																
37	SH-22	5	ELDO501	Computer Organization Architecture	2.0	2.0	2.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.0	0.0	
38	SH-22	5	ELL501	Principles of Control System lab	1.6	1.6	1.6	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.8	0.0	
39	SH-22	5	ELL502	Linear Integrated Circuits Lab	2.0	2.1	2.1	2.9	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.5	0.0	
40	SH-22	5	ELL503	Digital Communication Lab	3.0	3.0	3.0	3.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	2.0	1.6	0.0	1.6	
41	SH-22	5	ELL504	Professional Communication &																
42	SH-22	5	ELM501	Mini Project-2 A	2.7	2.8	1.8	2.8	3.0	1.8	2.8	2.9	3.0	2.9	2.8	3.0	1.3	0.0	0.0	
43	FH-23	6	ELC601	Basic VLSI Design	3.0	2.7	2.8	1.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.2	0.0	
44	FH-23	6	ELC602	Electromagnetic Engineering	2.4	2.2	2.2	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.8	0.0	
45	FH-23	6	ELC603	Computer Communication Networks	3.0	3.0	3.0	2.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	
46	FH-23	6	ELC604	Embedded Systems and Real Time	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	1.4	2.2	0.0	0.0	
47	FH-23	6	ELDO6013	DDRA	2.2	2.2	0.6	0.6	0.4	0.0	0.0	0.0	0.6	0.5	0.0	1.1	2.0	0.0	0.0	
48	FH-23	6	ELL601	Basic VLSI Design lab	2.6	3.0	3.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	2.3	0.0	
49	FH-23	6	ELL602	Computer Communication Networks	3.0	2.9	3.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0	0.0	
50	FH-23	6	ELL603	Embedded Systems and Real Time	3.0	2.9	3.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0	0.0	
51	FH-23	6	ELL604	Database Management Systems Lab																
52	FH-23	6	ELM601	Mini Project-2 B	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	0.0	0.0	
53	SH-23	7	ELC701	Power Electronics	3.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
54	SH-23	7	ELC702	Internet of Things																
55	SH-23	7	ELDO701	Department Optional Course - 3 [ANT	2.0	2.1	2.1	2.9	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	2.0	0.0	
56	SH-23	7	ELDO702	Department Optional Course - 4 [WC	3.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
57	SH-23	7	ELIO701	Institute Optional Course - 1 [Disaster Management and Mitigation Measures]	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	
58	SH-23	7	ELL701	Power Electronics Lab	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	
59	SH-23	7	ELL702	Internet of Things Lab																
60	SH-23	7	ELL703	Department Optional Course III Lab	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	
61	SH-23	7	ELP701	Major Project I	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
62	FH-24	8	ELC801	Industrial Automation	2.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	
63	FH-24	8	ELDO801	Department Optional Course - V [APE]	3.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	

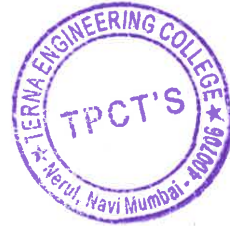


PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.



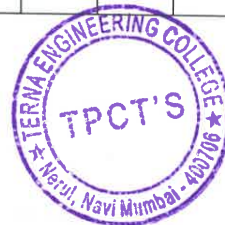
64	FH-24	8	ELDO802	Department Optional Course – VI [IIOT]	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
65	FH-24	8	ELL801	Industrial Automation Lab	2.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
66	FH-24	8	ELL802	Department Optional Course – V Lab	3.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
67	FH-24	8	ELIO801	Institute Optional Course-2	0.0	1.3	0.6	0.0	0.0	2.0	2.0	2.0	2.0	1.3	0.0	2.0	0.0	0.0	0.0	3.0	0.0	0.0
68	FH-24	8	ELP801	Major Project II	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0
Average					2.5	2.1	1.5	1.0	0.9	0.5	0.3	0.2	0.4	0.3	0.4	0.7	1.7	0.8	0.3			


PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.



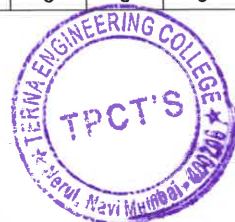
TPCT'S																
Terna Engineering College, Nerul, Navi Mumbai																
Department of Mechanical Engineering																
Summary Sheet PO-PSO Direct attainment																
CO PO / CO PSO Attainment for Batch 2020-2024 Div. A																
SH2020 SEM-I																
SR.NO	SUBJECT	SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	FEC101	Engineering Mathematics-I	3.0	1.1	1	0	0	0	2	0	0	0	0	0		
2	FEC102	Engineering Physics-I	3.0	1.08	1	0	0	0	2	0	0	0	0	2.88		
3	FEC103	Engineering Chemistry-I	3.0	1	1	0	0	0	2	0	0	0	0	2		
4	FEC104	Engineering Mechanics	3.0	2.95	2	0	0	0	0	0	0	0	0	0		
5	FEC105	Basic Electrical Engineering	3.0	2	1	1	0	0	0	0	0	0	0	3		
6	FEL101	Basic Workshop Practice-I	3.0	0	3	0	0	0	0	0	0	0	0	0		
FH2021 SEM-II																
SR.NO	SUBJECT	SUBJECT														
1	FEC201	Engineering Mathematics-II	3.0	1.07	1	0	0	0	1.95	0	0	0	0	0		
2	FEC202	Engineering Physics-II	3.0	1.03	0	0	2	0	1	0	0	0	0	2.07		
3	FEC203	Engineering Chemistry-II	3.0	1	1	0	0	0	3	0	0	0	0	1.93		
4	FEC204	Engineering Drawing	1.3	2	0	0	0	0	0	0	0	1.33	0	0		
5	FEC205	Computer Programming	3.0	1.07	1	0	0	0	1.95	0	0	0	0	0		
6	FEC206	Professional communication and Ethics	3.0	1	0	0	0	0	0	0	2	0	1	0		
7	FEL201	Basic Workshop Practices-II	3.0	0	3	0	0	0	0	0	0	0	0	0		
SH2021 SEM-III																
SR.NO	SUBJECT	SUBJECT														
1	MEC301	Engineering Mathematics III	2.9	1.98	1.98	0	0	0	1.98	0	0	0	0	0	2.8	0
2	MEC302	Strength of Materials*	2.0	2	1.6	0	0	0	0	0	0	0	0	0	2.67	0
3	MEC303	Production Process	3.0	3	3	2	0	0	0	0	0	0	0	0	2.33	3
	MEC304	Materials and Metallurgy	3.0	3	0	0	0	0	0	0	0	0	0	0	3	3
4	MEC305	Thermodynamics*	3.0	2.95	2	0	0	0	0	0	0	0	0	0	3	0
5	MEL301	Material Testing	3.0	3	0	0	0	0	0	0	0	0	0	0	3	3
6	MEL302	Machine Shop Practice	2.9	2	2	0	0	0	0	0	0	0	0	0	3	0
7	MESBL303	CAD Modeling	3.0	0	2	2.9	3	0	0	0	0	0	0	0	2.5	2.67
8	MEPBL304	Mini Project- IA	2.5	2.8	2.7	2.1	2.2	2.2	2.3	2.8	2.7	2.8	2.6	2.8	2.2	1.8
9																
FH2022 SEM-IV																
SR.NO	SUBJECT	SUBJECT														


PRINCIPAL
 TERNA ENGINEERING COLLEGE
 NERUL, NAVI MUMBAI - 400 706.

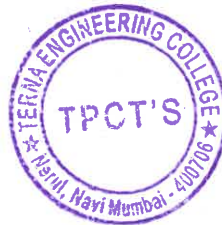


1	MEC401	Engineering Mathematics IV	2.9	1.03	1.93	0	0	0	1	0	0	0	0	0	3	0
2	MEC402	Fluid Mechanics*	3.0	3	2.04	0	0	0	0	0	0	0	0	0	1.4	0
3	MEC403	Kinematics of Machinery*	2.9	2.93	0	0	0	0	0	0	0	0	0	0	1.4	0
4	MEC404	CAD/CAM	3.0	2	0	0	0	0	0	0	0	0	0	0	3	2
5	MEC405	Industrial Electronics*	2.9	2.93	3	2	2	2	1	1	2	2	1.9	2	2.08	1.46
6	MEL401	Industrial Electronics*	2.9	2.93	3	2	2	2	1	1	2	2	1.9	2	2.83	2
7	MEL402	Kinematics of Machinery*	3.0	3	0	0	0	0	0	0	0	0	0	0	3	0
8	MEL403	Python Programming	3.0	0	2	2.9	3	0	0	0	0	0	0	0	2.5	2.67
9	MEPBL401	CNC and 3D Printing	3.0	3	0	0	3	0	0	0	0	0	0	0	3	2.6
10	MEPBL401	Mini Project -1B	2.7	2.89	2.72	2.44	2.67	2.50	2.50	2.67	2.78	2.94	2.50	2.89	2.33	1.75
SH2022 SEM-V																
SR.NO	SUBJECT	SUBJECT														
1	MEC501	Mechanical Measurements and Control*	2.9	2.83	2.9	0	0	0	0	0	0	0	0	0	3	3
2	MEC502	Thermal Engineering	1.9	1.89	1.25	0	0	0	0	0	0	0	0	0	0.2	0
3	MEC503	Dynamics of Machinery	3.0	3	1.6	0	0	0	0	0	0	0	0	0	3	0
4	MEC504	FEA	2.9	1.93	2.9	0	0	0	0	0	0	0	0	0	3	0
5	MEDLO501X	Department Level Optional Course I (ST)	2.0	2.01	1.33	0	0	0	0	0	0	0	0	0	1.4	0
6	MEL501	Thermal Engineering	3.0	2.93	0	0	0	0	0	0	2	0	0	0	3	0
7	MEL502	Dynamics of Machinery	3.0	3	2	0	0	0	0	0	0	0	0	0	3	2
8	MEL503	FEA Lab	3.0	2	3	0	0	0	0	0	0	0	0	0	2.2	1.46
9	MESBL501	PCE-II	2.1	0	0	0	0	0	0	0	0	0	0	0	2.2	0
10	MESBL501	Mini Project -2A	2.7	2.89	2.72	2.44	2.67	2.5	2.5	2.67	2.78	2.94	2.5	2.89	0	2.33
FH2023 SEM-VI																
SR.NO	SUBJECT	SUBJECT														
1	MEC601	Machine Design	1.9	1.93	1.93	0	0	0	0	0	0	0	0	0	2.4	1.6
2	MEC602	Turbo Machinery	3.0	3	0	0	0	0	0	0	0	0	0	0	0.94	0
3	MEC603	HVAC	3.0	2.96	1.95	0	0	0	0	0	0	0	0	0	0.94	0
4	MEC604	AAI	3.0	2	3	0	0	0	0	0	0	0	0	0	3	0
5	MEDLO602X	Department Level Optional Course II(PTD)	2.0	2	0	0	0	0	0	0	0	0	0	0	2	1.33
6	MEL601	Machine Design	3.0	2.9	3	0	0	0	0	0	0	0	0	0	2.2	1.46
7	MEL602	Turbo Machinery	3.0	3	0	0	0	1.6	0	0	0	0	0	0	3	0
8	MEL603	HVAC	3.0	2.03	0	0	0	0	0	0	2	2	0	0	3	0
9	MESBL601	Measurements and Automation	3.0	0	0	2	0	0	0	0	0	0	0	0	3	0
10	MESBL601	Mini Project -2B	2.7	2.89	2.72	2.44	2.67	2.5	2.5	2.67	2.78	2.94	2.5	2.89	0	2.33
SH2023 SEM VII																
SR.NO	SUBJECT	SUBJECT														
1	MEC701	Designs of Mechanical System	0.6	0.6	0.6	0	0	0	0	0	0	0	0	0	1.6	1.06
2	MEC702	Logistics and supply chain Management	2.2	2.2	2.2	0	0	0	0	0	0	0	0	0	1.6	1.06


PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 401 209.

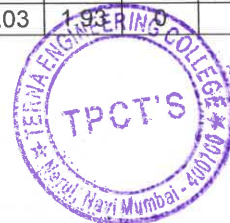


3	MEDLOC703X	Department Level Optional Course III (RES)	2.1	1.34	0.7	0	0	0	0	0	0	0	0	0	0.6	0
4	MEDLO704X	Department Level Optional Course IV (M/C Dig.)	3.0	2.97	3	0	3	0	0	0	0	0	0	0	2.8	2.8
5	ILO701X	Institute Level Optional Course I (DMM)	3.0	2	3	0	0	0	0	0	0	0	0	2.2	1.46	
6	MEL701	Designs of Mechanical System	3.0	3	3	0	0	0	0	0	0	0	0	2.2	1.46	
7	MEL702	Maintenance Engineering	3.0	3	3	0	3	0	0	0	0	0	0	3	3	
8	MEL703	Industrial Skills	3.0	0	0	0	3	0	0	3	3	3	3	2.67	3	
9	MEP701	Major Project I	2.3	2.21	2.08	2.29	2.4	2.25	2.44	2.19	2.29	2.19	2.29	2.13	2.5	
FH2024 SEM VIII																
<u>SR.NO</u>	<u>SUBJECT</u>	<u>SUBJECT</u>														
1	MEC801	Operation Planning and Control	2.2	2.2	0	0	0	0	0	0	0	0	0	2.8	1.87	
2	MEDLO8052	Smart Materials	2.1	0	0	0	0	0	0	0	0	0	0	2.2	0	
3	MEDLOC306X	Department Level Optional Course VI (TQM)	2.9	1.93	2.9	0	0	0	0	0	0	0	0	1.4	0	
4	ILO802X	Institute Level Optional Course II (FM ,PM, EM)	2.2	2	2.2	0	0	0	0	0	0	0	0	2.2	1.46	
5	MEL801	Product Design and Development	3.0	3	3	0	0	0	0	0	0	0	0	2.2	1.46	
6	MEL802	Laboratory based on IoT	3.0	2	3	0	0	0	0	0	0	0	0	2.2	0	
7	MEP801	Major Project II	2.3	2.69	2.56	2.07	2.43	2.21	2.38	2.94	2.93	2.94	2	2.87	2.5	1.8
Average			2.7	2.0	1.6	0.4	0.6	0.3	0.5	0.3	0.4	0.4	0.3	0.5	2.3	1.2



TPCT'S																
Terna Engineering College, Nerul, Navi Mumbai																
Department of Mechanical Engineering																
Summary Sheet PO-PSO Direct attainment																
CO PO / CO PSO Attainment for Batch 2020-2024 Div. B																
SH2020 SEM-I			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
SR.NO	SUBJECT	SUBJECT														
1	FEC101	Engineering Mathematics-I	3.0	1.1	1	0	0	0	2	0	0	0	0	0		
2	FEC102	Engineering Physics-I	3.0	1.08	1	0	0	0	2	0	0	0	0	2.88		
3	FEC103	Engineering Chemistry-I	3.0	1	1	0	0	0	2	0	0	0	0	2		
4	FEC104	Engineering Mechanics	3.0	2.95	2	0	0	0	0	0	0	0	0	0		
5	FEC105	Basic Electrical Engineering	3.0	2	1	1	0	0	0	0	0	0	0	3		
6	FEL101	Basic Workshop Practice-I	3.0	0	3	0	0	0	0	0	0	0	0	0		
7																
FH2021 SEM-II																
SR.NO	SUBJECT	SUBJECT														
1	FEC201	Engineering Mathematics-II	3.0	1.07	1	0	0	0	1.95	0	0	0	0	0		
2	FEC202	Engineering Physics-II	3.0	1.03	0	0	2	0	1	0	0	0	0	2.07		
3	FEC203	Engineering Chemistry-II	3.0	1	1	0	0	0	3	0	0	0	0	1.93		
4	FEC204	Engineering Drawing	1.3	2	0	0	0	0	0	0	0	1.33	0	0		
5	FEC205	Computer Programming	3.0	1.07	1	0	0	0	1.95	0	0	0	0	0		
6	FEC206	Professional communication and Ethics	3.0	1	0	0	0	0	0	0	2	0	1	0		
7	FEL201	Basic Workshop Practices-II	3.0	0	3	0	0	0	0	0	0	0	0	0		
SH2021 SEM-III																
SR.NO	SUBJECT	SUBJECT														
1	MEC301	Engineering Mathematics III	2.9	1.98	1.98	0	0	0	1.98	0	0	0	0	0	2.8	0
2	MEC302	Strength of Materials*	2.04	2.04	0	0	0	0	0	0	0	0	0	0	0	0
3	MEC303	Production Process	3	3	3	2	0	0	0	0	0	0	0	0	2.33	3
	MEC304	Materials and Metallurgy	3	3	0	0	0	0	0	0	0	0	0	0	3	3
4	MEC305	Thermodynamics*	3	2.95	2	0	0	0	0	0	0	0	0	0	3	0
5	MEL301	Material Testing	3	3	0	0	0	0	0	0	0	0	0	0	3	3
6	MEL302	Machine Shop Practice	2.92	2	2	0	0	0	0	0	0	0	0	0	3	0
7	MESBL303	CAD Modeling	3	1.08	3	0	1	0	0	0	0	0	0	0	3	2
8	MEPBL304	Mini Project-IA	2.5	2.8	2.7	2.1	2.2	2.2	2.3	2.8	2.7	2.8	2.6	2.8	2.2	1.8
9																
FH2022 SEM-IV																
SR.NO	SUBJECT	SUBJECT														
1	MEC401	Engineering Mathematics IV	2.93	1.03	1.93	0	0	0	1	0	0	0	0	0	3	0


PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.

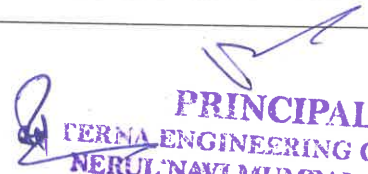


2	MEC402	Fluid Mechanics*	3	3	2.04	0	0	0	0	0	0	0	0	0	1.4	0
3	MEC403	Kinematics of Machinery*	3	3	0	0	0	0	0	0	0	0	0	0	2.2	0
4	MEC404	CAD/CAM	3	2	0	0	0	0	0	0	0	0	0	0	3	2
5	MEC405	Industrial Electronics*	2.84	2.83	2.88	2	1.73	1.87	0.87	1	1.73	1.93	1.9	1.93	2.08	1.46
6	MEL401	Industrial Electronics*	2.93	2.93	3	2	2	2	1	1	2	2	1.9	2	2.83	2
7	MEL402	Kinematics of Machinery*	3	3	0	0	0	0	0	0	0	0	0	0	3	0
8	MEL403	Python Programming	3.0	0	2	2.9	3	0	0	0	0	0	0	0	2.5	2.67
9	MEPBL401	CNC and 3D Printing	3	3	0	0	3	0	0	0	0	0	0	0	3	3
10	MEPBL401	Mini Project -1B	2.63	2.89	2.74	2.42	2.63	2.47	2.47	2.63	2.79	2.95	2.47	2.84	2.32	1.63
SH2022 SEM-V																
SR.NO	SUBJECT	SUBJECT														
1	MEC501	Mechanical Measurements and Control*	2.97	1.93	2.9	0	0	0	0	0	0	0	0	0	3	0
2	MEC502	Thermal Engineering	2.03	2	1.33	0	0	1.33	1.33	0	0	0	0	0	0.4	0
3	MEC503	Dynamics of Machinery	2.89	2.93	1.6	0	0	0	0	0	0	0	0	0	3	0
4	MEC504	FEA	2.03	1.4	2.1	0	0	0	0	0	0	0	0	0	2.6	0
5	MEDLO501X	Department Level Optional Course I (ST)	2.97	2.93	1.94	0	0	0	0	0	0	0	0	0	1.4	0
6	MEL501	Thermal Engineering	3	2.93	0	0	0	0	0	0	2	0	0	0	3	0
7	MEL502	Dynamics of Machinery	3	3	0	0	2	0	0	0	0	0	0	0	3	0
8	MEL503	FEA Lab	3	2	3	0	0	0	0	0	0	0	0	0	2.2	1.46
9	MESBL501	PCE-II	2.1	0	0	0	0	0	0	0	0	0	0	0	2.2	0
10	MESBL501	Mini Project -2A	2.63	2.89	2.74	2.42	2.63	2.47	2.47	2.63	2.79	2.95	2.47	2.84	2.32	1.63
FH2023 SEM-VI																
SR.NO	SUBJECT	SUBJECT														
1	MEC601	Machine Design	1	1	1	0	0	0	0	0	0	0	0	0	2.4	1.6
2	MEC602	Turbo Machinery	2.9	2.84	0	0	0	0	0	0	0	0	0	0	2	0
3	MEC603	HVAC	1.9	1.91	1.33	0	0	0	0	0	0	0	0	1.2	0.2	0
4	MEC604	AAI	2.93	2	3	0	0	0	0	0	0	0	0	0	3	0
5	MEDLO602X	Department Level Optional Course II(PTD)	2.97	3	0	0	0	0	0	0	0	0	0	0	3	2
6	MEL601	Machine Design	2.95	2.9	3	0	0	0	0	0	0	0	0	0	2.2	1.46
7	MEL602	Turbo Machinery	3	1	0	0	0	0	0	0	0	0	0	0	2.67	0
8	MEL603	HVAC	3	2.03	0	0	0	0	0	0	2	2	0	0	3	0
9	MESBL601	Measurements and Automation	3	0	0	2	0	0	0	0	0	0	0	0	3	0
10	MESBL601	Mini Project -2B	2.63	2.89	2.74	2.42	2.63	2.47	2.47	2.63	2.79	2.95	2.47	2.84	2.32	1.63
SH2023 SEM VII																
SR.NO.	SUBJECT	SUBJECT														
1	MEC701	Designs of Mechanical System	0.6	0.4	0.6	0	0	0	0	0	0	0	0	0	1.6	1.06
2	MEC702	Logistics and supply chain Management	1.4	1	1	0	0	0	0	0	0	0	0	0	1.6	1.06
3	MEDLOC703X	Department Level Optional Course III (RES)	2.92	2.95	2.95	0	0	0	0	0	0	0	0	0	1.4	0


PRINCIPAL
 TERNA ENGINEERING COLLEGE
 NERUL NAVI MUMBAI - 400 706.



4	MEDLO704X	Department Level Optional Course IV (MDS)	3	2	2	2	1.6	0	0	0	0	0	0	0	0.8	0
5	ILO701X	Institute Level Optional Course I (DMM)	2.2	1.46	2.2	0	0	0	0	0	0	0	0	0	2.2	1.46
6	MEL701	Designs of Mechanical System	2.2	2	2.2	0	0	0	0	0	0	0	0	0	2.4	1.6
7	MEL702	Maintenance Engineering	3	3	0	0	3	0	0	0	0	0	0	0	3	0
8	MEL703	Industrial Skills	3	0	0	0	3	0	0	3	3	3	3	3	2.67	3
9	MEP701	Major Project I	2.33	2.25	2.3	2.14	2	2.25	2.13	2.21	2.25	2.21	2.17	2.23	2.43	2
FH2024 SEM VIII																
SR.NO	SUBJECT	SUBJECT														
1	MEC801	Operation Planning and Control	2.2	2.2	0	0	0	0	0	0	0	0	0	0	1.8	1.2
2	MEDLO8052	Smart Materials	2	0	0	0	0	0	0	0	0	0	0	0	2.2	0
3	MEDLOC806X	Department Level Optional Course VI (TQM)	2.93	1.87	2.8	0	0	0	0	0	0	0	0	0	2.2	0
4	ILO802X	Institute Level Optional Course II (FM ,PM, EM)	3	1.97	1.03	0	0	2	2	0	0	0	0	0	3	0
5	MEL801	Product Design and Development	3	3	3	0	0	0	0	0	0	0	0	0	2.2	1.46
6	MEL802	Laboratory based on IoT	3	2	3	0	0	0	0	0	0	0	0	0	2.2	0
7	MEP801	Major Project II	2.29	2.71	2.54	2	2.29	2.14	2.33	3	3	3	1.86	2.86	2.4	2
Average			2.7	1.9	1.4	0.4	0.5	0.3	0.5	0.3	0.4	0.4	0.3	0.5	2.3	0.9


PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 708.

