

Details of CO-PO Attainment

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DEPARTMENT OF Biotechnology

CO ATTAINMENT SUMMARY FILE

NAME	Dr. Shobha G	SEM/SEC	8TH	Year of study	2022-23	ODD/EVEN
COURSE	Industrial Microbiology	CODE	2	COURSE NAME	C311	EVEN

COURSE OUTCOMES: At the end of the Course students will be able to

CO-1	C311.1	Apply the concept of microbiology and fermentation technology for media formulation and fermenter design and their sterilization for microbial fermentation
CO-2	C311.2	Analyze and apply fermentation process for production of different metabolites from living organisms and its assay.
CO-3	C311.3	Distinguish and apply the downstream process technologies for large scale production of industrially important products from living organisms.
CO-4	C311.4	
CO-5	C311.5	
CO-6	C311.6	

Prerequisite Subjects:

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO	1	2	3	
	C311.1	-	3	-	-	-	-	-	-	3	-	-	-	C311.1	3	3	-	
	C311.2	-	3	3	-	3	3	-	-	3	-	3	-	C311.2	3	3	-	
	C311.3	-	3	3	-	3	-	-	-	3	-	3	-	C311.3	3	3	-	
	C311.4	-	-	-	-	-	-	-	-	-	-	-	-	C311.4	3	3	-	
	C311.5	-	-	-	-	-	-	-	-	-	-	-	-	C311.5	3	3	-	
	C311.6	-	-	-	-	-	-	-	-	-	-	-	-	C311.6	3	3	-	
	Average	3.00	3.00	-	-	3.00	3.00	-	3.00	-	3.00	-	-	Average	3.00	3.00	-	

Mapping Correlation:

Low Med High NO L1: Remember L2: Understanding L3: Apply L4: Analyze L5: Evaluate

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Mapping correlation

1	2	3	-	L6:Create				
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A7

ATTAINMENT METHODS AND TOOLS

DIRECT ATTAINMENT 80%

INDIRECT ATTAINMENT 20%

TOOLS	Frequency & Mode	Weightage	TOOLS	Frequency
Internal Evaluation	3 tests and Average	60	Course End Survey	once in Sem End
Semester End Exam	End of semester by VTU equal for all CO	40		

Rubrics/TARGET LEVELS

TARGET FOR CONTINUOUS INTERNAL EVALUATION

60	LEVEL 3	90	percent of students to get	60	percent marks
	LEVEL 2	70	percent of students to get	60	percent marks
	LEVEL 1	60	percent of students to get	60	percent marks

TARGET FOR SEMESTER END EXAM

40	LEVEL 3	#REF!	percent of students to get	50	percent marks
	LEVEL 2	#REF!	percent of students to get	50	percent marks
	LEVEL 1	#REF!	percent of students to get	50	percent marks

CO ATTAINMENT BY DIRECT METHODS for 80% From Direct sheet

		PERCENTAGE							LEVELS					
		CO1	CO2	CO3	CO4	CO5	CO6	CO7	CO1	CO2	CO3	CO4	CO5	CO6
60	Internal	0	0	0	0	0	0	0	0	0	0	0	0	0
40	SEE Attainment								NA	NA	NA	NA	NA	NA

CO ATTAINMENT BY INDIRECT METHOD SURVEY for 20% From INDIRECT Sheet

		PERCENTAGE							LEVELS					
		CO1	CO2	CO3	CO4	CO5	CO6	CO7	CO1	CO2	CO3	CO4	CO5	CO6
100	Course End Survey	93	93	91	0	0	0	0	3	3	3	0	0	0

0.8*Direct + 0.2* Indirect only for this course

		PERCENTAGE							LEVELS					
		CO1	CO2	CO3	CO4	CO5	CO6	CO7	CO1	CO2	CO3	CO4	CO5	CO6
		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

DIRECT ATTAINMENT BY MAPPING SCALE

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DIRECT ATTAINED	Program Outcomes														PSO			
	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	COs	1	2	3	4
NA	C311.1	-	-	-	-	-	-	-	-	-	-	-	-	C311.1	-	-	-	-
NA	C311.2	-	-	-	-	-	-	-	-	-	-	-	-	C311.2	-	-	-	-
NA	C311.3	-	-	-	-	-	-	-	-	-	-	-	-	C311.3	-	-	-	-
NA	C311.4	-	-	-	-	-	-	-	-	-	-	-	-	C311.4	-	-	-	-
NA	C311.5	-	-	-	-	-	-	-	-	-	-	-	-	C311.5	-	-	-	-
NA	C311.6	-	-	-	-	-	-	-	-	-	-	-	-	C311.6	-	-	-	-
Average	C311	-	-	-	-	-	-	-	-	-	-	-	-	Average	-	-	-	-

INDIRECT ATTAINMENT TO MAPPING SCALE

INDIRECT ATTAINED	COs	Program Outcomes												COs	PSO			
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12		1	2	3	4
3	C311.1	-	0	3	-	-	-	-	-	3	-	-	-	C311.1	3	3	-	-
3	C311.2	-	3	3	-	-	3	3	-	3	-	3	-	C311.2	3	3	-	-
3	C311.3	-	3	3	-	-	3	-	-	3	-	3	-	C311.3	3	3	-	-
0	C311.4	-	-	-	-	-	-	-	-	-	-	-	-	C311.4	0	0	-	-
0	C311.5	-	-	-	-	-	-	-	-	-	-	-	-	C311.5	0	0	-	-
0	C311.6	-	-	-	-	-	-	-	-	-	-	-	-	C311.6	0	0	-	-
	Average		3.00	3.00			3.00	3.00		3.00		3.00		Average	3.00	3.00		

Final = 80% Direct + 20% Indirect

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	COs	1	2	3	4
C311.1	-	-	-	-	-	-	-	-	-	-	-	-	C311.1	-	-	-	-
C311.2	-	-	-	-	-	-	-	-	-	-	-	-	C311.2	-	-	-	-
C311.3	-	-	-	-	-	-	-	-	-	-	-	-	C311.3	-	-	-	-
C311.4	-	-	-	-	-	-	-	-	-	-	-	-	C311.4	-	-	-	-
C311.5	-	-	-	-	-	-	-	-	-	-	-	-	C311.5	-	-	-	-
C311.6	-	-	-	-	-	-	-	-	-	-	-	-	C311.6	-	-	-	-
Average	-	-	-	-	-	-	-	-	-	-	-	-	Average	-	-	-	-

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DEPARTMENT OF Biotechnology

NAME		Dr. Shobha G				SEM/SEC		8TH		ODD/EVEN					Year of study			2022-23				
COURSE		Industrial Microbiology				CODE		18BT822		EVEN					COURSE NAME			C311				
			QUESTION WISE						Example: CO		Assignment			MARKS FOR EACH CO-Obtained at								
Sl N	USN	NAME	1st IA		2nd IA		3rd IA		Assignment					TOTAL MARKS FOR EACH CO					Final ISEE	Grade		
			Q1 & Q2	Q3 & Q4	Q1& Q2	Q3 & Q4	Q1 & Q2	Q3 & Q4	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5				
			CO1	CO1	CO1	CO2	CO1	CO3	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5				
MAXIMUM MARKS			15	15	15	15	15	15	15	5	5	0	0	75	20	20	0	0	40	60		
1	1SG19BT001	AASIMA RIZWANA Y M	8.5	10.5	7.5	4.5	14.5	6.5	11	4	4			52	9	11	0	0	25	45		
2	1SG19BT002	ABHISHEK HAZRA	5.5	3.5	11	4	4	2	15	5	5			39	9	7	0	0	20	44		
3	1SG19BT003	ALOVILI SOM	8	5	9	7	3	6	15	5	5			40	12	11	0	0	23	45		
4	1SG19BT004	AMRUTH C SEKHAR	10	8	13	13	10	10	15	5	5			56	18	15	0	0	31	47		
5	1SG19BT005	AMULYA SM	6.5	9.5	13.5	6.5	7.5	2.5	15	5	5			52	12	8	0	0	28	42		
6	1SG19BT006	ANUSHKA AJAY SONONE	11	4	12	11	3	5	15	5	5			45	16	10	0	0	29	45		
7	1SG19BT008	BHARATH KUMAR N	5	0	3	0	0	5	10	0	0			18	0	5	0	0	7	AB		
8	1SG19BT009	BHAVANA N	11	8	12.5	7.5	10	5	15	5	5			57	13	10	0	0	33	41		
9	1SG19BT010	CHERUKURI DHARA	9.5	7.5	15	13	14	14	15	5	5			61	18	19	0	0	39	47		
10	1SG19BT011	DEEPTHI K	8.5	5.5	14	10	8.5	7.5	15	5	5			52	15	13	0	0	32	43		
11	1SG19BT012	DUSHYANTH J	6.5	2.5	9.5	5.5	3	4	15	5	5			37	11	9	0	0	24	44		
12	1SG19BT013	HARSHITHA R	10	9	11	4	8	10	15	5	5			53	9	15	0	0	31	48		
13	1SG19BT014	HARSSHITHA JK	7	8	7.5	4.5	6	5	15	5	5			44	10	10	0	0	23	49		
14	1SG19BT015	IRAM AHMED	9	5	10	8	13	8	15	5	5			52	13	13	0	0	28	43		
15	1SG19BT016	JANANI SRIDHARAN	6.5	13.5	13	14	2	13	15	5	5			50	19	18	0	0	34	44		
16	1SG19BT017	KEERTHANA S	8	13	8.5	8.5	2	12	15	5	5			47	14	17	0	0	29	44		
17	1SG19BT018	KEERTHI REDDY S	11.5	11.5	13.5	12.5	12	14	15	5	5			64	18	19	0	0	35	48		
18	1SG19BT019	MEGHASHREE D	7	4	13	8	10	8	15	5	5			49	13	13	0	0	27	44		
19	1SG19BT020	MOHAMMED SAQIB	17	10	12	10	5	9	15	5	5			59	15	14	0	0	31	41		
20	1SG19BT021	NIKITHA L	8.5	4.5	10.5	10.5	14	9	15	5	5			53	16	14	0	0	33	47		
21	1SG19BT022	NITYASHREE	9.5	7.5	14	13	8.5	8.5	15	5	5			55	18	14	0	0	32	46		

22	1SG19BT023	P SOWJANYAA	8.5	8.5	14	8	7	7	15	5	5			53	13	12	0	0	28	44
23	1SG19BT024	SINGH	11	7	7	6	1.5	11.5	15	5	5			42	11	17	0	0	25	28
24	1SG19BT025	PALLAVI GOWDA J	14	14	15	9	12	13	15	5	5			70	14	18	0	0	36	48
25	1SG19BT026	PUNITKUMAR MATH	18	12	13.5	11.5	12	13	15	5	5			71	17	18	0	0	37	51
26	1SG19BT027	ROHINI B N	11.5	4.5	5	12	5	13	15	5	5			41	17	18	0	0	27	47
27	1SG19BT028	S K VISHAL	2	7	8	6	1	11	15	5	5			33	11	16	0	0	23	36
28	1SG19BT029	SANJAY K	8.5	3.5	11	1	10	1	11	4	4			44	5	5	0	0	19	39
29	1SG19BT030	SRIVASTAVA	12	10	10	13	12	7	15	5	5			59	18	12	0	0	24	48
30	1SG19BT031	SNEHA D J	13	4	11	11	8	2	14	5	5			50	16	7	0	0	25	47
31	1SG19BT032	SOUJANYA S	8	6	11.5	6.5	5	6	12	4	4			43	11	10	0	0	26	47
32	1SG19BT033	SOUKARYA RAHA	9	9	14	9	10	12	15	5	5			57	14	17	0	0	31	45
33	1SG19BT034	SPANDANA IYER	5	12	13	6	8	7	15	5	5			53	11	12	0	0	27	49
34	1SG19BT035	SURAJ PRATAP SINGH	6	7	11.5	2.5	4	4	12	4	4			41	7	8	0	0	20	42
35	1SG19BT036	TANUSHKA MANTRI	12	4	13	8	6.5	10.5	15	5	5			51	13	16	0	0	28	43
36	1SG19BT037	VAISHNAVI R	11	9	3	10	7	2	14	5	5			44	15	7	0	0	26	47
37	1SG19BT038	VANDANA V	11.5	6.5	15	6	9	6	15	5	5			57	11	11	0	0	29	42
38	1SG19BT039	VARSHA C	11.5	6.5	7.5	9.5	7	10	15	5	5			48	15	15	0	0	29	38
39	1SG19BT040	VEDHASHREE M	8	10	13.5	10.5	10	7	15	5	5			57	16	12	0	0	33	45
40	1SG19BT041	VIDYASHREE J	7.5	10.5	14.5	9.5	12	13	15	5	5			60	15	18	0	0	36	50
41	1SG19BT042	YASHAS L	15	11	13.5	10.5	7.5	10.5	15	5	5			62	16	16	0	0	33	41
42	1SG19BT043	YASHASWINI B R	4.5	8.5	6	12	10.5	8.5	15	5	5			45	17	14	0	0	29	41
43	1SG19BT044	PALLAVI G	12.5	7.5	14.5	13.5	13	6	15	5	5			63	19	11	0	0	33	42


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NAME		Dr. Shobha G	2022-23			8TH	
COURSE		Industrial Microbiology	EVEN			18BT822	
Assignment Types		Descriptive	Descriptive	Descriptive	Descriptive	Descriptive	
		Quiz					
		Seminar					
		Puzzles					
		CaseStudy					
		Activity					
Sl. No.	USN	NAME	CO Wise Assignment Marks				
			CO1	CO2	CO3	CO4	CO5
Max Marks			15	5	5	0	0
1	1SG19BT001	AASIMA RIZWANA Y M	11	4	4	0	0
2	1SG19BT002	ABHISHEK HAZRA	15	5	5	0	0
3	1SG19BT003	ALOVILI SOM	15	5	5	0	0
4	1SG19BT004	AMRUTH C SEKHAR	15	5	5	0	0
5	1SG19BT005	AMULYA SM	15	5	5	0	0
6	1SG19BT006	ANUSHKA AJAY SONONE	15	5	5	0	0
7	1SG19BT008	BHARATH KUMAR N	10	0	0	0	0
8	1SG19BT009	BHAVANA N	15	5	5	0	0
9	1SG19BT010	CHERUKURI DHARA	15	5	5	0	0
10	1SG19BT011	DEEPTHI K	15	5	5	0	0
11	1SG19BT012	DUSHYANTH J	15	5	5	0	0
12	1SG19BT013	HARSHITHA R	15	5	5	0	0
13	1SG19BT014	HARSSHITHA JK	15	5	5	0	0
14	1SG19BT015	IRAM AHMED	15	5	5	0	0
15	1SG19BT016	JANANI SRIDHARAN	15	5	5	0	0
16	1SG19BT017	KEERTHANA S	15	5	5	0	0
17	1SG19BT018	KEERTHI REDDY S	15	5	5	0	0
18	1SG19BT019	MEGHASHREE D	15	5	5	0	0
19	1SG19BT020	MOHAMMED SAQIB	15	5	5	0	0
20	1SG19BT021	NIKITHA L	15	5	5	0	0
21	1SG19BT022	NITYASHREE	15	5	5	0	0
22	1SG19BT023	P SOWJANYAA	15	5	5	0	0
23	1SG19BT024	PADMINI MURUGESH SINGH	15	5	5	0	0
24	1SG19BT025	PALLAVI GOWDA J	15	5	5	0	0
25	1SG19BT026	PUNITKUMAR MATH	15	5	5	0	0
26	1SG19BT027	ROHINI B N	15	5	5	0	0
27	1SG19BT028	S K VISHAL	15	5	5	0	0
28	1SG19BT029	SANJAY K	11	4	4	0	0
29	1SG19BT030	SHRINKHALA SRIVASTAVA	15	5	5	0	0
30	1SG19BT031	SNEHA D J	14	5	5	0	0
31	1SG19BT032	SOUJANYA S	12	4	4	0	0
32	1SG19BT033	SOUKARYA RAHA	15	5	5	0	0
33	1SG19BT034	SPANDANA IYER	15	5	5	0	0
34	1SG19BT035	SURAJ PRATAP SINGH	12	4	4	0	0
35	1SG19BT036	TANUSHKA MANTRI	15	5	5	0	0
36	1SG19BT037	VAISHNAVI R	14	5	5	0	0
37	1SG19BT038	VANDANA V	15	5	5	0	0
38	1SG19BT039	VARSHA C	15	5	5	0	0
39	1SG19BT040	VEDHASHREE M	15	5	5	0	0
40	1SG19BT041	VIDYASHREE J	15	5	5	0	0
41	1SG19BT042	YASHAS L	15	5	5	0	0
42	1SG19BT043	YASHASWINI B R	15	5	5	0	0
43	1SG19BT044	PALLAVI G	15	5	5	0	0

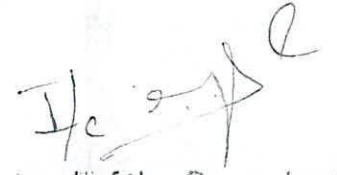
NAME		Dr. Shobha G				SEM/SEC		8TH		study						
COURSE		Industrial Microbiology				CODE		18BT822		NAME						
TARGET LEVEL						Internal Evaluation						Sem End Exam				
						LEVEL3	60	Percent of students to get				60	% marks	LEVEL3	50	% marks
						LEVEL2	70	Percent of students to get				60	% marks	LEVEL2	50	% marks
						LEVEL1	50	Percent of students to get				60	% marks	LEVEL1	50	% marks
						Course Outcomes		CO1	CO2	CO3	CO4	CO5	CO6	level achieved equal for all COs		
C311		2022-23				No of students attempted		0	0	0	0	0	0	No of students attempted	0	
NUMBER OF STUDENTS SCORING MORE THAN 60 %MARKS						0	0	0	0	0	0	0	NUMBER OF STUDENTS SCORING	0		
PERCENTAGE OF STUDENTS SCORING MORE THAN 60 %MARKS						0	0	0	0	0	0	0	PERCENTAGE OF STUDENTS SCOR	0		
TARGET LEVEL ACHIEVED						0	0	0	0	0	0	0	TARGET LEVEL ACHIEVED	#REF!		
Sl. No.	USN	NAME	CO Wise Marks										COs Wise Marks	%		
			CO1	CO2	CO3	CO4	CO5		CO1	CO2	CO3	CO4	CO5		All CO Equal	All Cos
Max Marks			75	20	20	0	0	#REF!	MARKS ATTAINMENT IN %						60	%
1	1SG19BT001	AASIMA RIZWANA Y M	52	9	11											
2	1SG19BT002	ABHISHEK HAZRA	39	9	7											
3	1SG19BT003	ALOVILI SOM	40	12	11											
4	1SG19BT004	AMRUTH C SEKILAR	56	18	15											
5	1SG19BT005	ANULYA SM	52	12	8											
6	1SG19BT006	ANUSHKA AJAY SONONE	45	16	10											
7	1SG19BT008	BHARATH KUMAR N	18	0	5											
8	1SG19BT009	BHAVANA N	57	13	10											
9	1SG19BT010	CHERUKURI DHARA	61	18	19											
10	1SG19BT011	DEEPTHI K	52	15	13											
11	1SG19BT012	DUSHYANTHI J	37	11	9											
12	1SG19BT013	HARSHITHA R	53	9	15											
13	1SG19BT014	HARSSHITHA JK	44	10	10											
14	1SG19BT015	IRAM AHMED	52	13	13											
15	1SG19BT016	JANANI SRIDHARAN	50	19	18											
16	1SG19BT017	KEERTHANA S	47	14	17											
17	1SG19BT018	KEERTHI REDDY S	64	18	19											
18	1SG19BT019	MEGHASHREE D	49	13	13											
19	1SG19BT020	MOHAMMED SAQIB	59	15	14											
20	1SG19BT021	NIKITHA L	53	16	14											
21	1SG19BT022	NITYASHREE	55	18	14											
22	1SG19BT023	P SOWJANYAA	53	13	12											
23	1SG19BT024	PADMINI MURUGESH SINGH	42	11	17											
24	1SG19BT025	PALLAVI GOWDA J	70	14	18											
25	1SG19BT026	PUNITKUMAR MATH	71	17	18											
26	1SG19BT027	ROHINI B N	41	17	18											
27	1SG19BT028	S K VISHAL	33	11	16											
28	1SG19BT029	SANJAY K	44	5	5											
29	1SG19BT030	SHIRINKHALA SRIVASTAVA	59	18	12											
30	1SG19BT031	SNEHA D I	50	16	7											
31	1SG19BT032	SOUJANYA S	43	11	10											
32	1SG19BT033	SOUKARYA RAHA	57	14	17											
33	1SG19BT034	SPANDANA IYER	53	11	12											
34	1SG19BT035	SURAJ PRATAP SINGH	41	7	8											
35	1SG19BT036	TANUSHKA MANTRI	51	13	16											
36	1SG19BT037	VAISHNAVI R	44	15	7											
37	1SG19BT038	VANDANA V	57	11	11											
38	1SG19BT039	VARSHA C	48	15	15											
39	1SG19BT040	VEDHASHREE M	57	16	12											
40	1SG19BT041	VIDYASHREE J	60	15	18											
41	1SG19BT042	YASHAS L	62	16	16											
42	1SG19BT043	YASHASWINI B R	45	17	14											
43	1SG19BT044	PALLAVI G	63	19	11											

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Industrial Microbiology		2022-23	18BT822	EVEN		Dr. Shobha G	
C311	Level 3	80	percent of students to give			feedback	
	Level 2	70	percent of students to give			feedback	
	Level 1	60	percent of students to give			feedback	
		CO1	CO2	CO3	CO4	CO5	
LEVEL ACHIEVED		3.00	3.00	3.00	0	0	
INDIRECT CO ATTAINMENT in		94	93	92	0	0	
No. of students graded "0"		0	0	0	0	0	
No. of students graded "1"		0	0	0	0	0	
No. of students graded "2"		0	0	1	0	0	
No. of students graded "3"		0	1	0	0	0	
No. of students graded "4"		6	5	5	0	0	
No. of students graded "5"		13	13	13	0	0	
TOTAL		19	19	19	0	0	
TOTAL NUMBER OF STUDENTS		19	19	19	0	0	
WEIGHTED AVERAGE		4.7	4.6	4.6	0.0	0.0	
MAXIMUM GRADING		5	5	5	5	5	
	Course Outcomes	CO1	CO2	CO3	CO4	CO5	
CO questions asked in Forms							
Sl No	Timestamp/Class	USN	NAME	CO-1 Apply the concept of microbiology and fermentation technology for media formulation and fermenter design and their sterilization for microbial fermentation	CO-2 Analyze and apply fermentation process for production of different metabolites from living organisms and its assay.	CO-3 Distinguish and apply the downstream process technologies for large scale production of industrially important products from living organisms.	
1	6-10-2023 10:53:18	ISG19B	BHAVA				
2	6-10-2023 10:53:44	ISG19B	SNEHA	5	5	5	
3	6-10-2023 10:54:08	ISG19B	PADMI	4	4	4	
4	6-10-2023 10:54:10	ISG19B	Nikitha	5	5	5	

5	6-10-2023 10:54:12	ISG19B	SANJA	5	5	5			
6	6-10-2023 10:54:14	ISG19B	P	5	5	4			
7	6-10-2023 10:54:21	ISG19B	YASHA	5	5	5			
8	6-10-2023 10:54:23	ISG19bt	VAND	5	5	5			
9	6-10-2023 10:54:25	ISG19B	PALLA	4	4	2			
10	6-10-2023 10:55:15	ISG19B	Suraj	4	4	4			
11	6-10-2023 10:56:31	ISG19B	PALLA	5	5	5			
12	6-10-2023 10:58:22	ISG19B	NITYA	5	5	5			
13	6-10-2023 11:06:41	ISG19B	Cheruku	5	5	5			
14	6-10-2023 11:07:13	ISG19B	VIDYA	5	5	5			
15	6-10-2023 11:08:21	ISG19B	KEERT	4	5	5			
16	6-10-2023 11:10:59	ISG19B	AMRU	5	4	5			
17	6-10-2023 11:11:56	ISG19B	SHRIN	5	5	5			
18	6-10-2023 11:16:54	ISG19B	AASIM	5	5	5			
19	6-10-2023 11:25:00	ISG19B	Meghas	4	3	4			
20	6-10-2023 11:39:11	ISG19B	SPAND	4	4	4			


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 Dept. of Bio - Technology
 Sapthagiri College of Engineering
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DEPARTMENT OF CIVIL ENGINEERING

CO ATTAINMENT SUMMARY FILE

NAME	KAVYA H P	SEM/SEC	1st CV	Year of study	2022-23	ODD/EVEN	ODD
COURSE	Engineering Mechanics	CODE	BCIV104	COURSE NAME	C104		

COURSE OUTCOMES. At the end of the Course students will be able to

CO-1	C104.1	Compute the resultant of force system and resolution of force
CO-2	C104.2	Comprehend the action of forces, moments and other types of loads on rigid bodies and compute the reactive forces
CO-3	C104.3	Analyze the frictional resistance offered by different planes
CO-4	C104.4	Locate the centroid and compute the moment of Inertia of sections
CO-5	C104.5	Analyze the bodies in motion

Prerequisite Subjects: Elements of civil engineering and engineering mechanics

COURSE ARTICULATION MATRIX-CO-PO MAPPING

CO-PSO Matrix

GRADUATE ATTRIBUTES	Apply Knowledge	Analysis	Design	Investigation	Modern Tools	Society	Environment	Ethics	Team Work	Communication	Proj Mgmt Finance	Life Long Learning	PSO1Apply of problem solving by adopting analytical, numerical and experimental skills with awareness of societal impact. PSO2.Expertise in design and technical areas of civil engineering such as Design of RCC Structures, design of steel structures, design of structural materials and prestressed concrete structures etc with focus on research and innovation. PSO3.To apply knowledge of environmental studies such as water supply engineering, sanitary and sewage engineering, industrial wastewater engineering and to know the impact of environmental issues					
	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO	1	2	3	4
C104.1	1	3			-	-	-	-	-	-	-	2	C104.1	3	1	2	-	
C104.2	3	3	3	-	-	-	-	-	-	-	-	2	C104.2	3	2	2	-	
C104.3	3	1	3	3	-	-	-	-	-	-	-	2	C104.3	3	2	2	-	
C104.4	3	-	3	3	-	-	-	-	-	-	-	2	C104.4	3	2	2	-	
C104.5	3	-	3	3	-	-	-	-	-	-	-	2	C104.5	3	2	2	-	
	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	
Average	2.60	2.33	3.00	3.00	-	-	-	-	-	-	-	2.00	Average	3.00	1.80	2.00	-	

Mapping Correlation:	Low	Med	High	NO	L1: Remember	L2: Understanding	L3: Apply	L4: Analyze	L5: Evaluate
	1	2	3	-					

ATTAINMENT METHODS AND TOOLS

DIRECT ATTAINMENT 80%			INDIRECT ATTAINMENT 20%	
TOOLS	Frequency & Mode	Weightage	TOOLS	Frequency
Internal Evaluation	3 tests and Average	50	Course End Survey	once in Sem End
Semester End Exam	End of semester by VTU equal for all CO	50		

Rubrics/TARGET LEVELS

TARGET FOR CONTINUOUS INTERNAL EVALUATION

50	LEVEL3	80	percent of students to get	60	percent marks
	LEVEL2	70	percent of students to get	60	percent marks
	LEVEL1	60	percent of students to get	60	percent marks

TARGET FOR SEMESTER END EXAM

50	LEVEL3	80	percent of students to get	50	percent marks
	LEVEL2	70	percent of students to get	50	percent marks
	LEVEL1	60	percent of students to get	50	percent marks

CO ATTAINMENT BY DIRECT METHODS for 80% From Direct sheet

Wt	Tools	PERCENTAGE						LEVELS					
		CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2	CO3	CO4	CO5	CO6
60	Internal	100	100	100	100	100	0	3	3	3	3	3	0
40	SEE Attainment	14	14	14	14	14	14	0	0	0	0	0	0
100	TOTAL	66	66	66	66	66	NA	1.80	1.80	1.80	1.80	1.80	NA

CO ATTAINMENT BY IN-DIRECT METHOD SURVEY for 20%- From INDIRECT Sheet

Wt	Tools	PERCENTAGE						LEVELS					
		CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2	CO3	CO4	CO5	CO6
100	Course End Survey	70	73	77	67	63	0	2	2	2	1	1	0

0.8*Direct + 0.2* Indirect only for this course

FINAL CO ATTAINMENT	PERCENTAGE						LEVELS					
	CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2	CO3	CO4	CO5	CO6
	66	67	68	66	65	NA	1.84	1.84	1.84	1.64	1.64	NA

DIRECT ATTAINMENT TO MAPPING SCALE

DIRECT ATTAINED	Program Outcomes														PSO			
	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	COs	1	2	3	4
1.80	C104.1	1	1	0	0	-	-	-	-	-	-	-	1	C104.1	2	1	1	-
1.80	C104.2	2	1	2	-	-	-	-	-	-	-	-	1	C104.2	2	1	1	-
1.80	C104.3	2	1	2	2	-	-	-	-	-	-	-	1	C104.3	2	1	1	-
1.80	C104.4	2	-	2	2	-	-	-	-	-	-	-	1	C104.4	2	1	1	-
1.80	C104.5	2	-	2	2	-	-	-	-	-	-	-	1	C104.5	2	1	1	-
NA		-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
Average	C104	1.56	0.87	1.80	1.80	-	-	-	-	-	-	-	1.20	Average	1.80	1.08	1.20	-

IN-DIRECT ATTAINMENT TO MAPPING SCALE

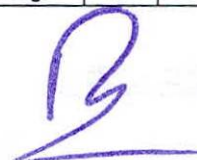
IN DIRECT ATTAINED		Program Outcomes													PSO			
	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	COs	1	2	3	4
2	C104.1	1	2	0	0	-	-	-	-	-	-	-	1	C104.1	2	1	1	-
2	C104.2	2	2	2	-	-	-	-	-	-	-	-	1	C104.2	2	1	1	-

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2	C104.3	2	1	2	2	-	-	-	-	-	-	-	1	C104.3	2	1	1	-
1	C104.4	1	-	1	1	-	-	-	-	-	-	-	1	C104.4	1	1	1	-
1	C104.5	1	-	1	1	-	-	-	-	-	-	-	1	C104.5	1	1	1	-
0		-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
Average	C104	1.33	1.56	1.50	1.33	-	-	-	-	-	-	-	1.07	Average	1.60	0.93	1.07	-

FINAL ATTAINMENT 80% Direct + 20% INDIRECT

COs		Program Outcomes												COs	PSO			
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12		1	2	3	4
C104.1	Final = 80%Direct + 20% Indirect	1	1	0	0	-	-	-	-	-	-	-	1	C104.1	2	1	1	-
C104.2		2	1	2	-	-	-	-	-	-	-	-	1	C104.2	2	1	1	-
C104.3		2	1	2	2	-	-	-	-	-	-	-	1	C104.3	2	1	1	-
C104.4		2	-	2	2	-	-	-	-	-	-	-	1	C104.4	2	1	1	-
C104.5		2	-	2	2	-	-	-	-	-	-	-	1	C104.5	2	1	1	-
		-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
C104	Average	2	1	2	2	-	-	-	-	-	-	-	1	Average	2	1	1	-



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DEPARTMENT OF CIVIL ENGINEERING

NAME		KAVYA H P	SEM/SEC		1st CV		ODD/EVEN				Year of study		2022-23									
COURSE		Engineering Mechanics		CODE		BCIV104		ODD				COURSE NAME		C104								
			MARKS FOR EACH IA QUESTION WISE Example: CO1 1st & 2nd Qn 1st IA						Assignment+Quiz+MP						TOTAL MARKS FOR EACH CO-Obtained and Maximum							
SI No	USN	NAME	1st IA		2nd IA		3rd IA		Assignment						TOTAL MARKS FOR EACH CO						Final IA	SEE
			Q1 or Q2	Q3 or Q4	Q1or Q2	Q3 or Q4	Q1 or Q2	Q3 or Q4	CO1	CO2	CO3	CO4	CO5		CO1	CO2	CO3	CO4	CO5			
			CO1	CO1	CO2	CO3	CO4	CO5														
MAXIMUM MARKS			15	15	15	15	15	15	20	20	20	20	20		50	35	35	35	35	0	50	50
1	1SG22CV001	ASMEETA	4	4	7	8	7	7	20	20	20	20	20		32	27	28	27	27		39	7
2	1SG22CV002	BRUNDA L	4	5	8	6	7	7	20	20	20	20	20		35	28	26	27	27		39	2
3	1SG22CV003	JAYANTH P	10	9	9	9	10	8	20	20	20	20	20		45	29	29	30	28		48	22
4	1SG22CV004	RITHIN	9	9	5	7	9	11	20	20	20	20	20		41	25	27	29	31		42	8
5	1SG22CV005	S SUPREETH	4	4	10	7	6	6	20	20	20	20	20		31	30	27	26	26		39	9
6	1SG22CV006	SARAH WILLIAMS	7	6	8	5	10	10	20	20	20	20	20		36	28	25	30	30		43	20
7	1SG22CV007	SHIVA	8	8	10	10	10	10	20	20	20	20	20		46	30	30	30	30		48	18

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NAME		KAVYA H P	2022-23			1st CV		
COURSE		Engineering Mechanics	ODD			BCIV104		
Assignment Types		Descriptive	Descriptive	Seminar	Case study			
		Quiz						
		Seminar						
		Puzzles						
		CaseStudy						
		Activity						
Sl. No.	USN	NAME	CO Wise Assignment Marks					
			CO1	CO2	CO3	CO4	CO5	CO6
Max Marks			20	20	20	20	20	0
1	1SG22CV001	ASMEETA	20	20	20	20	20	
2	1SG22CV002	BRUNDA L	20	20	20	20	20	
3	1SG22CV003	JAYANTH P	20	20	20	20	20	
4	1SG22CV004	RITHIN	20	20	20	20	20	
5	1SG22CV005	S SUPREETH	20	20	20	20	20	
6	1SG22CV006	SARAH WILLIAMS	20	20	20	20	20	
7	1SG22CV007	SHIVA	20	20	20	20	20	


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NAME		KAVYA H P					SEM/SEC		1st CV		Year of							
COURSE		Engineering Mechanics					CODE		BCIV104		COURSE							
TARGET LEVEL			Internal Evaluation								Sem End Exam							
			LEVEL3	80	Percent of students to get		60	% marks		LEVEL3	80	Percent to get	50	% marks				
			LEVEL2	70	Percent of students to get		60	% marks		LEVEL2	70	Percent to get	50	% marks				
			LEVEL1	60	Percent of students to get		60	% marks		LEVEL1	60	Percent to get	50	% marks				
			Course Outcomes		CO1	CO2	CO3	CO4	CO5	CO6	level achieved equal for all COs							
C104		2022-23			No of students attempted		7	7	7	7	7	0	No of students attempted		7			
NUMBER OF STUDENTS SCORING MORE THAN 60 %MARKS						7	7	7	7	7	0	NUMBER OF STUDENTS SCORING MORE THAN 50 %MARKS		1				
PERCENTAGE OF STUDENTS SCORING MORE THAN 60 %MARKS						100	100	100	100	100	0	PERCENTAGE OF STUDENTSCORING MORE THAN 50 %MARKS		14				
TARGET LEVEL ACHIEVED						3.00	3.00	3.00	3.00	3.00	0	TARGET LEVEL ACHIEVED		0				
Sl. No.	USN	NAME	CO Wise Marks												COs Wise Marks		%	
			CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2	CO3	CO4	CO5	CO6	All CO Equal		All Cos	
Max Marks			50	35	35	35	35	0	MARKS ATTAINMENT IN %						50		%	
1	1SG22CV001	ASMEETA	32	27	28	27	27		64	77	80	77	77		21		42	
2	1SG22CV002	BRUNDA L	35	28	26	27	27		70	80	74	77	77		22		44	
3	1SG22CV003	JAYANTH P	45	29	29	30	28		90	83	83	86	80		13		26	
4	1SG22CV004	RITHIN	41	25	27	29	31		82	71	77	83	89		19		38	
5	1SG22CV005	S SUPREETH	31	30	27	26	26		62	86	77	74	74		18		36	
6	1SG22CV006	SARAH WILLIAMS	36	28	25	30	30		72	80	71	86	86		18		36	
7	1SG22CV007	SHIVA	46	30	30	30	30		92	86	86	86	86		12		57	


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Engineering Mechanics				2022-23	BCIV104	ODD	KAVYA H P		
C104		Level 3		80	percent of students to give			feedback	
		Level 2		70	percent of students to give			feedback	
		Level 1		60	percent of students to give			feedback	
				CO1	CO2	CO3	CO4	CO5	CO6
LEVEL ACHIEVED				2.00	2.00	2.00	1.00	1.00	0
INDIRECT CO ATTAINMENT in Percentage				70	73	77	67	63	0
No. of students graded "0"				0	0	0	0	0	0
No. of students graded "1"				1	0	1	1	1	0
No. of students graded "2"				0	1	0	0	1	0
No. of students graded "3"				2	1	1	2	1	0
No. of students graded "4"				1	3	1	2	2	0
No. of students graded "5"				2	1	3	1	1	0
TOTAL				6	6	6	6	6	0
TOTAL NUMBER OF STUDENTS PROVIDED SURVEY				6	6	6	6	6	0
WEIGHTED AVERAGE				3.5	3.7	3.8	3.3	3.2	0.0
MAXIMUM GRADING				5	5	5	5	5	5
Course Outcomes				CO1	CO2	CO3	CO4	CO5	CO6
				CO questions asked in Forms					
SI No	Timestamp/Class	USN	NAME	CO1: Compute the resultant of force system and resolution of force	CO2: Comprehend the action of forces, moments and other types of loads on rigid bodies and compute the reactive	CO3: Analyze the frictional resistance offered by different planes	CO4: Locate the centroid and compute the moment of inertia of	CO5: Analyze the bodies in motion	
1	2022/10/15 12:39:57 PM GMT	1SG22CV001	ASMEETA	3	4	5	3	2	
2	2022/10/15 12:39:57 PM GMT	1SG22CV002	BRUNDA L	5	5	5	5	5	
3	2022/10/15 12:39:57 PM GMT	1SG22CV003	JAYANTH P	5	4	5	4	4	
4	2022/10/15 12:39:57 PM GMT	1SG22CV004	RITHIN	3	3	3	3	3	
5	2022/10/15 12:39:57 PM GMT	1SG22CV005	S SUPREETH	4	4	4	4	4	
6	2022/10/15 12:39:57 PM GMT	1SG22CV006	SARAH	1	2	1	1	1	

HOD, Dept. of Civil Engg.

S C E, Bangalore-560 057

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DEPARTMENT OF MECHANICAL ENGINEERING

CO ATTAINMENT SUMMARY FILE

NAME	Madhushree	SEM/SEC	7A&B	Year of study	2021-22	ODD/EVEN
COURSE	Artificial Intelligence and Machine Learning	CODE	18CS71	COURSE NAME	C701	ODD

COURSE OUTCOMES. At the end of the Course students will be able to

CO-1	C701.1	Appraise the theory of Artificial intelligency and Machine Learning
CO-2	C701.2	Illustrate the working of AI and ML Algorithms
CO-3	C701.3	Demonstrate the application of AI and ML

Prerequisite Subjects:

COURSE ARTICULATION MATRIX-CO-PO MAPPING

CO-PSO Matrix

GRADUATE ATTRIBUTES	Apply Knowledge	Analysis	Design	Investigation	Modern Tools	Society	Environment	Ethics	Team Work	Communication	Proj Mgmt Finance	Life Long Learn	1. Apply the knowledge gained from mathematics, basic sciences and social sciences in general and all computer science courses in particular to identify, formulate and solve real life engineering problems. 2. Identify the various analysis and design methodologies for facilitating development of high quality system software products with focus on performance optimization.				
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO	1	2	3	4
C701.1	3	2	2	-	-	-	-	-	-	-	-	2	C701.1	3	-	-	-
C701.2	2	2	2	-	-	-	-	-	-	-	-	2	C701.2	3	-	-	-
C701.3	2	2	2	-	-	-	-	-	-	-	-	2	C701.3	3	-	-	-
#REF!	-	-	-	-	-	-	-	-	-	-	-	-	#REF!	-	-	-	-
#REF!	-	-	-	-	-	-	-	-	-	-	-	-	#REF!	-	-	-	-
#REF!	-	-	-	-	-	-	-	-	-	-	-	-	#REF!	-	-	-	-
Average	2.33	2.00	2.00	-	-	-	-	-	-	-	-	2.00	Average	3.00	-	-	-

Mapping Corelation:

Low	Med	High	NO	L1: Remember	L2: Understanding	L3: Apply	L4: Analyze	L5: Evaluate
1	2	3	-	L6: Create				

ATTAINMENT METHODS AND TOOLS

DIRECT ATTAINMENT 80%

INDIRECT ATTAINMENT 20%

TOOLS	Frequency & Mode	Weightage	TOOLS	Frequency
Internal Evaluation	3 tests and Average	60	Course End Survey	once in Sem End
Semester End Exam	End of semester by VTU equal for all CO	40		

Rubrics/TARGET LEVELS

Weightage	TARGET FOR CONTINUOUS INTERNAL EVALUATION			
LEVEL3	80	percent of students to get	70	percent marks

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60	LEVEL2	70	percent of students to get		70	percent marks									
	LEVEL1	60	percent of students to get		70	percent marks									
TARGET FOR SEMESTER END EXAM															
40	LEVEL3	80	percent of students to get		70	percent marks									
	LEVEL2	70	percent of students to get		70	percent marks									
	LEVEL1	60	percent of students to get		70	percent marks									
CO ATTAINMENT BY DIRECT METHODS for 80%From Direct sheet															
		PERCENTAGE							LEVELS						
Wt	Tools	CO1	CO2	CO3	CO4	CO5	CO6		CO1	CO2	CO3	CO4	CO5	CO6	
60	Internal	100	100	100	0	0	0		3	3	3	0	0	0	
40	SEE Attainment	21	21	21					0	0	0				
100	TOTAL	68	68	68	NA	NA	NA		1.80	1.80	1.80	NA	NA	NA	
CO ATTAINMENT BY IN-DIRECT METHOD SURVEY for 20%- From INDIRECT Sheet															
		PERCENTAGE							LEVELS						
Wt	Tools	CO1	CO2	CO3	CO4	CO5	CO6		CO1	CO2	CO3	CO4	CO5	CO6	
100	Course End Survey	0	0	0	95	94	93		0	0	0	3	3	3	
0.8*Direct + 0.2* Indirect only for this course															
FINAL CO ATTAINMENT		PERCENTAGE							LEVELS						
		CO1	CO2	CO3	CO4	CO5	CO6		CO1	CO2	CO3	CO4	CO5	CO6	
		55	55	55	NA	NA	NA		1.44	1.44	1.44	NA	NA	NA	
DIRECT ATTAINMENT TO MAPPING SCALE															


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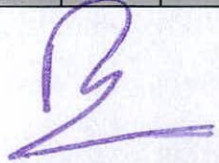
DIRECT ATTAINED	Program Outcomes													COs	PSO			
	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12		1	2	3	4
1.80	C701.1	2	1	1	-	-	-	-	-	-	-	-	1	C701.1	2	-	-	-
1.80	C701.2	1	1	1	-	-	-	-	-	-	-	-	1	C701.2	2	-	-	-
1.80	C701.3	1	1	1	-	-	-	-	-	-	-	-	1	C701.3	2	-	-	-
NA	#REF!	-	-	-	-	-	-	-	-	-	-	-	-	#REF!	-	-	-	-
NA	#REF!	-	-	-	-	-	-	-	-	-	-	-	-	#REF!	-	-	-	-
NA	#REF!	-	-	-	-	-	-	-	-	-	-	-	-	#REF!	-	-	-	-
Average	C701	1.40	1.20	1.20	-	-	-	-	-	-	-	-	1.20	Average	1.80	-	-	-

IN-DIRECT ATTAINMENT TO MAPPING SCALE

IN DIRECT ATTAINED	Program Outcomes													COs	PSO			
	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12		1	2	3	4
0	C701.1	0	0	0	-	-	-	-	-	-	-	-	0	C701.1	0	-	-	-
0	C701.2	0	0	0	-	-	-	-	-	-	-	-	0	C701.2	0	-	-	-
0	C701.3	0	0	0	-	-	-	-	-	-	-	-	0	C701.3	0	-	-	-
3	#REF!	-	-	-	-	-	-	-	-	-	-	-	-	#REF!	-	-	-	-
3	#REF!	-	-	-	-	-	-	-	-	-	-	-	-	#REF!	-	-	-	-
3	#REF!	-	-	-	-	-	-	-	-	-	-	-	-	#REF!	-	-	-	-
Average	C701	-	-	-	-	-	-	-	-	-	-	-	-	Average	-	-	-	-

FINAL ATTAINMENT 80% Direct + 20% INDIRECT

COs	Final = 80%Direct + 20% Indirect	Program Outcomes												COs	PSO			
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12		1	2	3	4
C701.1		1	1	1	-	-	-	-	-	-	-	-	1	C701.1	1	-	-	-
C701.2		1	1	1	-	-	-	-	-	-	-	-	1	C701.2	1	-	-	-
C701.3		1	1	1	-	-	-	-	-	-	-	-	1	C701.3	1	-	-	-
#REF!		-	-	-	-	-	-	-	-	-	-	-	-	#REF!	-	-	-	-
#REF!		-	-	-	-	-	-	-	-	-	-	-	-	#REF!	-	-	-	-
#REF!		-	-	-	-	-	-	-	-	-	-	-	-	#REF!	-	-	-	-
C701	Average	1	1	1	-	-	-	-	-	-	-	-	1	Average	1	-	-	-


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CIE ASSIGNMENT & SEE MARKS ENTRY SHEET

DEPARTMENT OF MECHANICAL ENGINEERING

NAME		Madhushree		SEM/SEC		7A&B		ODD/EVEN				Year of study		2021-22								
COURSE		Artificial Intelligence and Machine Learning		CODE		18CS71		ODD				COURSE NAME		C701								
			MARKS FOR EACH IA QUESTION WISE Example: CO1 1st & 2nd Qn 1st IA						Assignment						TOTAL MARKS FOR EACH CO-Obtained and Maximum							
SI No	USN	NAME	1st IA		2nd IA		3rd IA		Assignment						TOTAL MARKS FOR EACH CO						Final IA	SEE
			Q1 & Q2	Q3 & Q4	Q1& Q2	Q3 & Q4	Q1 & Q2	Q3& Q4	CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2	CO3	CO4	CO5	CO6		
			co1	CO1	co2	CO2	co2	CO3														
MAXIMUM MARKS									10	10	10	10	10		10	10	10	10	10	0		60
1	1SG17CS050	MD WAJAHAT RAZA	3	6	12	2	6	4	9	9	9				18	29	13	0	0	0	20	17
2	1SG18CS019	BHUVAN GOWDA B S	9	6	0	0	11	8	8	8	8				23	19	16	0	0	0	20	A
3	1SG18CS022	DARSHAN S	0	0	0	0	0	0	0	0	0				0	0	0	0	0	0		
4	1SG19CS001	ABHAY SMARAN HALE	5	5	7	5	10	1	8	8	8				18	30	9	0	0	0	19	26
5	1SG19CS002	ABHIJITH YADAV L	11	15	0	0	4	0	9	9	9				35	13	9	0	0	0	19	21
6	1SG19CS003	ABHILASH S	5	3	3	9	11	0	10	10	10				18	33	10	0	0	0	20	21
7	1SG19CS004	ADHARSH BHANU SHA	7	2	11	0	10	0	9	9	9				18	30	9	0	0	0	19	14
8	1SG19CS005	AMAN KUMAR	9	9	11	9	7	8	9	9	9				27	36	17	0	0	0	27	43
9	1SG19CS006	AMOGHA NATEKAR J	7	5	10	15	0	0	10	10	10				22	35	10	0	0	0	22	33
10	1SG19CS007	ANISH BHAT	6	7	13	15	9	1	10	10	10				23	47	11	0	0	0	27	28
11	1SG19CS008	ANJALI G S	12	11	15	15	12	13	10	10	10				33	52	23	0	0	0	36	41
12	1SG19CS009	ANKUR KUMAR	6	4	6	10	8	9	9	9	9				19	33	18	0	0	0	23	32
13	1SG19CS010	ANUBHAW ANAND	8	6	12	6	10	3	9	9	9				23	37	12	0	0	0	24	32
14	1SG19CS011	ANURAG SINGH	6	5	10	8	6	5	9	9	9				20	33	14	0	0	0	22	33
15	1SG19CS012	ANUSHA D V	15	0	14	0	0	0	9	9	9				24	23	9	0	0	0	19	28
16	1SG19CS013	ARHAM SABA	11	9	15	12	10	10	10	10	10				30	47	20	0	0	0	32	29
17	1SG19CS014	ASHISH SINGH	7	4	10	8	7	5	10	10	10				21	35	15	0	0	0	24	42
18	1SG19CS015	BHANURANJAN S BELL	11	11	15	13	12	6	10	10	10				32	50	16	0	0	0	33	44
19	1SG19CS016	BHAVYA VAISHNAVI	13	10	10	15	10	10	10	10	10				33	45	20	0	0	0	33	41
20	1SG19CS017	BHUMIKA M	9	11	15	14	11	2	10	10	10				30	50	12	0	0	0	31	24
21	1SG19CS018	CHANDAN V M	9	6	10	11	9	8	10	10	10				25	40	18	0	0	0	28	31
22	1SG19CS019	CHANDANA G	5	0	8	6	10	0	10	10	10				15	34	10	0	0	0	20	24
23	1SG19CS020	CHANDRALA P DESHPA	11	15	15	14	13	13	10	10	10				36	52	23	0	0	0	37	45
24	1SG19CS021	CHARAN S	7	7	7	2	5	2	10	10	10				24	24	12	0	0	0	20	21
25	1SG19CS022	CHETHANA R KARIGER	7	8	14	14	15	7	10	10	10				25	53	17	0	0	0	32	35
26	1SG19CS023	CHITHRA P	7	10	13	15	6	8	10	10	10				27	44	18	0	0	0	30	41
27	1SG19CS024	DEEKSHITH B V	11	8	13	13	8	6	10	10	10				29	44	16	0	0	0	30	26
28	1SG19CS025	DEEKSHITH G D	7	6	11	8	1	0	10	10	10				23	30	10	0	0	0	21	27
29	1SG19CS026	DEEPAK RAJ	9	0	9	0	0	0	9	9	9				18	18	9	0	0	0	19	33
30	1SG19CS027	DEEPTHI B S	9	11	15	15	12	5	10	10	10				30	52	15	0	0	0	32	36
31	1SG19CS028	DHANYA M SHETTY	7	12	14	13	13	17	10	10	10				29	50	27	0	0	0	32	45

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32	1SG19CS029	DIKSHA BHARDWAJ	10	8	8	15	11	7	10	10	10				28	44	17	0	0	0	33	27
33	1SG19CS030	ETUKULAPATI MEGHA	10	12	15	13	13	8	10	10	10				32	51	18	0	0	0	34	33
34	1SG19CS031	HARSHA H J	9	9	13	10	10	11	10	10	10				28	43	21	0	0	0	31	38
35	1SG19CS032	HARSHINI GIRISH MITR	8	6	13	0	6	3	10	10	10				24	29	13	0	0	0	22	22
36	1SG19CS033	HARSHITHA S	12	0	4	0	10	6	9	9	9				21	23	15	0	0	0	20	30
37	1SG19CS034	HARSHITHA S	11	10	13	13	14	9	10	10	10				31	50	19	0	0	0	33	35
38	1SG19CS035	HARSHITHA V	11	12	15	15	11	13	10	10	10				33	51	23	0	0	0	36	46
39	1SG19CS036	HITESH B S	9	9	13	11	10	9	10	10	10				28	44	19	0	0	0	31	28
40	1SG19CS037	IIFA SHARIF	8	13	15	15	13	11	10	10	10				31	53	21	0	0	0	35	42
41	1SG19CS038	JAYANTH N	5	10	14	5	6	8	10	10	10				25	35	18	0	0	0	26	42
42	1SG19CS039	JYOTHI B	8	10	13	13	13	4	10	10	10				28	49	14	0	0	0	30	40
43	1SG19CS040	K G LAKSHMI NARAYA	8	3	15	10	10	3	10	10	10				21	45	13	0	0	0	26	29
44	1SG19CS041	K N BHAVYA	14	7	12	13	7	7	9	9	9				30	41	16	0	0	0	30	24
45	1SG19CS042	KAJAL DAHIYA	14	12	15	11	11	11	10	10	10				36	47	21	0	0	0	35	48
46	1SG19CS043	KAMINENI PRAVALIKA	7	9	14	0	0	0	10	10	10				26	24	10	0	0	0	20	28
47	1SG19CS044	KARAN RAJ	8	8	8	7	10	9	9	9	9				25	34	18	0	0	0	26	33
48	1SG19CS045	KARTHIK K	9	12	0	0	9	0	10	10	10				31	19	10	0	0	0	20	11
49	1SG19CS046	KAVYA P	11	9	15	5	8	3	10	10	10				30	38	13	0	0	0	27	40
50	1SG19CS047	KESHAV CHANDRA RA	9	9	13	15	10	6	10	10	10				28	48	16	0	0	0	31	33
51	1SG19CS048	KISHOR JAKKALI	6	2	7	0	12	6	10	10	10				18	29	16	0	0	0	21	9
52	1SG19CS049	KOKILA N	12	13	15	14	12	11	10	10	10				35	51	21	0	0	0	36	50
53	1SG19CS050	KSHITU KUMAR	5	7	7	3	8	0	9	9	9				21	27	9	0	0	0	19	30
54	1SG19CS051	KUMAR SWAPNIL	8	4	12	12	8	11	10	10	10				22	42	21	0	0	0	28	42
55	1SG19CS052	LAVANYA C	3	3	10	6	7	9	9	9	9				15	32	18	0	0	0	22	35
56	1SG19CS053	LIKITH GOWDA A P	8	6	10	0	3	6	10	10	10				24	23	16	0	0	0	21	21
57	1SG19CS054	LIKITH KRISHNA S G	11	13	15	10	15	15	10	10	10				34	50	25	0	0	0	37	29
58	1SG19CS055	MANAS MISHRA	6	7	10	9	3	3	9	9	9				22	31	12	0	0	0	22	42
59	1SG19CS056	MANASA R	14	13	15	10	15	15	10	10	10				37	50	25	0	0	0	37	53
60	1SG19CS057	MANDHARA B G	12	14	15	15	15	10	10	10	10				36	55	20	0	0	0	37	47
61	1SG19CS058	MANJESH B N	8	9	11	12	12	5	10	10	10				27	45	15	0	0	0	29	33
62	1SG19CS059	MANJUNATH BHARAD	4	6	12	14	11	3	10	10	10				20	47	13	0	0	0	27	22
63	1SG19CS060	MAYANK RAJ	8	10	14	13	8	9	10	10	10				28	45	19	0	0	0	31	34
64	1SG19CS061	MEGHA ARUN TALEKA	13	12	15	13	6	3	10	10	10				35	44	13	0	0	0	31	41
65	1SG19CS062	MONISH KUMAR P	10	6	10	0	5	6	9	9	9				25	24	15	0	0	0	21	37
66	1SG19CS063	MONISH V	10	9	0	7	0	0	10	10	10				29	17	10	0	0	0	20	32
67	1SG20CS400	AMULYA S K	0	3	12	0	11	4	9	9	9				12	32	13	0	0	0	19	21
68	1SG20CS401	ANNAPURNA KINI	7	3	14	6	12	6	10	10	10				20	42	16	0	0	0	26	21
69	1SG20CS402	ANUSHA M L	3	12	13	8	9	11	10	10	10				25	40	21	0	0	0	29	38
70	1SG20CS403	BHARATH G	3	5	9	4	7	9	10	10	10				18	30	19	0	0	0	22	28
71	1SG18CS071	PRAJWAL P	4	0	10	8	8	0	9	9	9				13	35	9	0	0	0	19	28
72	1SG18CS058	MUDEGOWDAR VINAY	7	3	5	0	4	11	10	10	10				20	19	21	0	0	0	20	21
73	1SG19CS064	MUSKAN	7	7	11	12	10	10	10	10	10				24	43	20	0	0	0	29	48
74	1SG19CS065	N VENUMAADHAV	5	8	5	2	2	7	10	10	10				23	19	17	0	0	0	20	30
75	1SG19CS066	NAVDEEP TANWAR	10	10	13	14	8	14	9	9	9				29	44	23	0	0	0	32	42
76	1SG19CS068	NAYANIKA SUR	11	13	13	10	12	9	10	10	10				34	45	19	0	0	0	33	44
77	1SG19CS069	NEETU VIJAYANANDA	9	14	25	15	13	14	10	10	10				33	63	24	0	0	0	37	38

78	1SG19CS070	NIDHI N SATTIGERI	13	14	15	15	14	15	10	10	10				37	54	25	0	0	0	39	49
79	1SG19CS071	NISARGA R K	5	18	11	14	10	13	10	10	10				33	45	23	0	0	0	34	49
80	1SG19CS072	PADMINI SHARMA	13	11	15	15	14	11	9	9	9				33	53	20	0	0	0	35	38
81	1SG19CS073	POOJA N M	2	6	14	12	10	11	9	9	9				17	45	20	0	0	0	27	36
82	1SG19CS074	POOJITHA G	10	11	11	9	13	5	10	10	10				31	43	15	0	0	0	30	27
83	1SG19CS075	PRABHAKAR BHIMANT	8	7	11	8	9	7	9	9	9				24	37	16	0	0	0	26	33
84	1SG19CS076	PRAMOD	5	7	10	9	0	0	9	9	9				21	28	9	0	0	0	19	39
85	1SG19CS077	PRANEET V K	12	9	11	7	11	10	10	10	10				31	39	20	0	0	0	30	42
86	1SG19CS078	PRANSHU PRIYAM	10	6	11	7	8	3	9	9	9				25	35	12	0	0	0	24	21
87	1SG19CS080	PRIYESH RAJ	6	7	8	13	11	8	10	10	10				23	42	18	0	0	0	27	29
88	1SG19CS081	RAHUL KUMAR	10	4	8	13	9	3	9	9	9				23	39	12	0	0	0	25	24
89	1SG19CS082	RAJAT YADAV	11	10	9	13	10	9	8	8	8				29	40	17	0	0	0	28	37
90	1SG19CS083	RAKSHITH BS	6	6	14	10	9	12	9	9	9				21	42	21	0	0	0	28	21
91	1SG19CS084	RAKSHITH K PANCHAL	6	8	7	8	7	3	10	10	10				24	32	13	0	0	0	23	29
92	1SG19CS085	RITHVIK PRASHANTH	4	5	5	5	9	5	10	10	10				19	29	15	0	0	0	20	12
93	1SG19CS086	ROHITH S	13	11	15	12	12	11	10	10	10				34	49	21	0	0	0	35	41
94	1SG19CS087	SAHANA GAJANAN NA	10	9	15	12	7	7	10	10	10				29	44	17	0	0	0	30	30
95	1SG19CS088	SAHITYA MODI	8	12	14	7	12	12	10	10	10				30	43	22	0	0	0	32	44
96	1SG19CS089	SAMBRAM SHETTY	11	12	9	10	10	10	10	10	10				33	39	20	0	0	0	30	27
97	1SG19CS090	SANCHANA HT	11	10	14	15	13	5	10	10	10				31	52	15	0	0	0	33	39
98	1SG19CS091	SANCHITHA K	10	12	12	11	12	12	10	10	10				32	45	22	0	0	0	33	42
99	1SG19CS092	SANDHYA S	11	8	12	10	9	3	10	10	10				29	41	13	0	0	0	28	31
100	1SG19CS093	SANJANA PATIL	10	11	15	11	12	12	10	10	10				31	48	22	0	0	0	34	42
101	1SG19CS094	SANTHOSH K	10	10	13	11	11	4	10	10	10				30	45	14	0	0	0	30	32
102	1SG19CS095	SHEJAL SINGH	14	12	13	9	14	5	10	10	10				36	46	15	0	0	0	33	32
103	1SG19CS096	SHEKHAR	9	8	5	0	5	3	9	9	9				26	19	12	0	0	0	19	21
104	1SG19CS097	SHIV PRASAD	9	11	12	11	11	6	9	9	9				29	43	15	0	0	0	29	31
105	1SG19CS098	SHIVANI KUMARI	11	8	15	5	9	12	9	9	9				28	38	21	0	0	0	29	26
106	1SG19CS099	SHOURYA RANJAN	11	8	12	6	9	7	10	10	10				29	37	17	0	0	0	28	36
107	1SG19CS100	SHREYASI PATRA	13	13	14	14	13	11	9	9	9				35	50	20	0	0	0	35	30
108	1SG19CS101	SHUBHAM RAJ	10	9	14	13	10	5	9	9	9				28	46	14	0	0	0	29	40
109	1SG19CS103	SNEHA N	9	3	5	13	11	6	10	10	10				22	39	16	0	0	0	26	21
110	1SG19CS104	SOUMYA	15	12	12	12	11	13	9	9	9				36	44	22	0	0	0	34	36
111	1SG19CS105	SRIRAM MISHRA H K	10	11	14	12	14	12	10	10	10				31	50	22	0	0	0	34	26
112	1SG19CS106	SRISHA NAG C S	15	11	15	14	15	14	10	10	10				36	54	24	0	0	0	38	30
113	1SG19CS107	SRISHTI SUMAN	11	8	13	5	14	7	9	9	9				28	41	16	0	0	0	28	21
114	1SG19CS108	SRUSHTI K S	9	12	13	10	14	13	10	10	10				31	47	23	0	0	0	34	51
115	1SG19CS109	SUBHANSHU JHA	7	6	14	9	12	10	9	9	9				22	44	19	0	0	0	28	35
116	1SG19CS110	SUNIL A	10	5	7	3	8	1	9	9	9				24	27	10	0	0	0	20	32
117	1SG19CS111	SURAKSHA M S	9	15	15	15	15	12	10	10	10				34	55	22	0	0	0	37	51
118	1SG19CS112	SUSHIL KUMAR G N	12	10	12	8	12	9	10	10	10				32	42	19	0	0	0	31	31
119	1SG19CS113	SUVIDHA MANJUNATH	12	14	15	15	14	13	10	10	10				36	54	23	0	0	0	38	42
120	1SG19CS114	THEJASHREE B P	10	12	2	14	13	10	9	9	9				31	38	19	0	0	0	30	32
121	1SG19CS115	THEJASHREE P	12	13	13	15	15	15	10	10	10				35	53	25	0	0	0	38	48
122	1SG19CS116	UMESH R G	5	8	15	11	12	9	10	10	10				23	48	19	0	0	0	30	23
123	1SG19CS117	VAISHNAVI VIJAY KUL	12	10	15	8	12	10	10	10	10				32	45	20	0	0	0	32	27

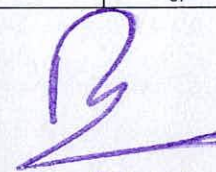
124	1SG19CS118	VANSHAJ RAJ	2	2	6	6	7	10	9	9	9				13	28	19	0	0	0	20	37
125	1SG19CS119	VARUN S RAJU	13	12	15	15	14	13	10	10	10				35	54	23	0	0	0	38	43
126	1SG19CS120	VIDHYA KRISHNA	11	10	14	14	11	7	10	10	10				31	49	17	0	0	0	32	30
127	1SG19CS121	VIDYASHREE S	9	6	9	7	9	2	10	10	10				25	35	12	0	0	0	24	31
128	1SG19CS122	VINUTHA D S	11	10	14	13	11	15	10	10	10				31	48	25	0	0	0	35	41
129	1SG19CS123	VISHAL R	8	14	7	15	7	11	10	10	10				32	39	21	0	0	0	31	39
130	1SG19CS124	YASHASWINI N	13	13	15	13	14	7	10	10	10				36	52	17	0	0	0	35	30
131	1SG19CS125	YASHRAJ GUPTA	8	9	7	9	12	3	9	9	9				26	37	12	0	0	0	25	21
132	1SG19CS126	SAJAD AHMAD RATHE	11	8	10	13	5	12	9	9	9				28	37	21	0	0	0	29	30
133	1SG20CS407	LOHITH K	3	9	7	4	5	3	10	10	10				22	26	13	0	0	0	30	37
134	1SG20CS406	HARSHITHA M H	8	9	15	9	10	8	10	10	10				27	44	18	0	0	0	20	23
135	1SG20CS408	NANDINI N	12	12	14	15	11	12	10	10	10				34	50	22	0	0	0	35	43
136	1SG20CS409	PRASHANTH B S	5	10	14	10	9	4	9	9	9				24	42	13	0	0	0	28	30
137	1SG20CS410	PREETHAM P	3	6	6	4	9	0	10	10	10				19	29	10	0	0	0	20	14
138	1SG20CS411	SUCHITH K	4	8	9	8	9	7	10	10	10				22	36	17	0	0	0	25	24
															0	0	0	0	0	0		
															0	0	0	0	0	0		
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															0	0	0	0	0	0		
															0	0	0	0	0	0		
															0	0	0	0	0	0		


 Principal
 Sapthagiri College of Engineering
 14/5, Chikkasandra, Hesareghatta Main Road
 Bengaluru - 560 057

NAME		Madhushree		SEM/SEC		7A&B		Year of study		2021-22							
COURSE		Artificial Intelligence and Machine Learning		CODE		18CS71		NAME		Artificial Intelligence and Machine Learning							
TARGET LEVEL				Internal Evaluation						Sem End Exam							
				LEVEL3	80	Percent of students to get		70	% marks		LEVEL3	80	Percent to get	70	% marks		
				LEVEL2	70	Percent of students to get		70	% marks		LEVEL2	70	Percent to get	70	% marks		
				LEVEL1	60	Percent of students to get		70	% marks		LEVEL1	60	Percent to get	70	% marks		
				Course Outcomes		CO1	CO2	CO3	CO4	CO5	CO6	level achieved equal for all COs					
C701		2021-22				No of students attempted		137	137	137	0	0	0	No of students attempted		137	
NUMBER OF STUDENTS SCORING MORE THAN 70 %MARKS								137	137	137	0	0	0	NUMBER OF STUDENTS SCORING MORE THAN 70 %MARKS		29	
PERCENTAGE OF STUDENTS SCORING MORE THAN 70 %MARKS								100	100	100	0	0	0	PERCENTAGE OF STUDENTSCORING MORE THAN 70 %MARKS		21	
TARGET LEVEL ACHIEVED								3.00	3.00	3.00	0	0	0	TARGET LEVEL ACHIEVED		0	
Sl. No.	USN	NAME	CO Wise Marks												COs Wise Marks		%
			CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2	CO3	CO4	CO5	CO6	All CO Equal		All Cos
Max Marks			10	10	10	10	10	0	MARKS ATTAINMENT IN %						60		%
1	1SG17CS050	MD WAJAHAT RAZA	18	29	13	0	0	0	180	290	130	0	0		17	28	
2	1SG18CS019	BHUVAN GOWDA B S	23	19	16	0	0	0	230	190	160	0	0		A	#VALUE!	
3	1SG18CS022	DARSHAN S	0	0	0	0	0	0	0	0	0	0	0		26	43	
4	1SG19CS001	ABHAY SMARAN HALEMANE	18	30	9	0	0	0	180	300	90	0	0		21	35	
5	1SG19CS002	ABHIJITH YADAV L	35	13	9	0	0	0	350	130	90	0	0		21	35	
6	1SG19CS003	ABHILASH S	18	33	10	0	0	0	180	330	100	0	0		14	23	
7	1SG19CS004	ADHARSH BHANU SHARMA B S	18	30	9	0	0	0	180	300	90	0	0		43	72	
8	1SG19CS005	AMAN KUMAR	27	36	17	0	0	0	270	360	170	0	0		33	55	
9	1SG19CS006	AMOGHA NATEKAR J	22	35	10	0	0	0	220	350	100	0	0		28	47	
10	1SG19CS007	ANISH BHAT	23	47	11	0	0	0	230	470	110	0	0		41	68	
11	1SG19CS008	ANJALI G S	33	52	23	0	0	0	330	520	230	0	0		32	53	
12	1SG19CS009	ANKUR KUMAR	19	33	18	0	0	0	190	330	180	0	0		32	53	
13	1SG19CS010	ANUBHAV ANAND	23	37	12	0	0	0	230	370	120	0	0		33	55	
14	1SG19CS011	ANURAG SINGH	20	33	14	0	0	0	200	330	140	0	0		28	47	
15	1SG19CS012	ANUSHA D V	24	23	9	0	0	0	240	230	90	0	0		29	48	
16	1SG19CS013	ARHAM SABA	30	47	20	0	0	0	300	470	200	0	0		42	70	
17	1SG19CS014	ASHISH SINGH	21	35	15	0	0	0	210	350	150	0	0		44	73	
18	1SG19CS015	BHANURANJAN S BELLAKKI	32	50	16	0	0	0	320	500	160	0	0		41	68	
19	1SG19CS016	BHAVYA VAISHNAVI	33	45	20	0	0	0	330	450	200	0	0		24	40	
20	1SG19CS017	BHUMIKA M	30	50	12	0	0	0	300	500	120	0	0		31	52	
21	1SG19CS018	CHANDAN V M	25	40	18	0	0	0	250	400	180	0	0		24	40	
22	1SG19CS019	CHANDANA G	15	34	10	0	0	0	150	340	100	0	0		45	75	
23	1SG19CS020	CHANDRALA P DESHPANDE	36	52	23	0	0	0	360	520	230	0	0		21	35	
24	1SG19CS021	CHARAN S	24	24	12	0	0	0	240	240	120	0	0		35	58	
25	1SG19CS022	CHETHANA R KARIGER	25	53	17	0	0	0	250	530	170	0	0		41	68	
26	1SG19CS023	CHITHRA P	27	44	18	0	0	0	270	440	180	0	0		26	43	
27	1SG19CS024	DEEKSHITH B V	29	44	16	0	0	0	290	440	160	0	0		27	45	
28	1SG19CS025	DEEKSHITH G D	23	30	10	0	0	0	230	300	100	0	0		33	55	
29	1SG19CS026	DEEPAK RAJ	18	18	9	0	0	0	180	180	90	0	0		36	60	
30	1SG19CS027	DEEPTHI B S	30	52	15	0	0	0	300	520	150	0	0		45	75	
31	1SG19CS028	DHANYA M SHETTY	29	50	27	0	0	0	290	500	270	0	0		27	45	

32	1SG19CS029	DIKSHA BHARDWAJ	28	44	17	0	0	0	280	440	170	0	0		33	55
33	1SG19CS030	ETUKULAPATI MEGHANA	32	51	18	0	0	0	320	510	180	0	0		38	63
34	1SG19CS031	HARSHA H J	28	43	21	0	0	0	280	430	210	0	0		22	37
35	1SG19CS032	HARSHINI GIRISH MITRA	24	29	13	0	0	0	240	290	130	0	0		30	50
36	1SG19CS033	HARSHITHA S	21	23	15	0	0	0	210	230	150	0	0		35	58
37	1SG19CS034	HARSHITHA S	31	50	19	0	0	0	310	500	190	0	0		46	77
38	1SG19CS035	HARSHITHA V	33	51	23	0	0	0	330	510	230	0	0		28	47
39	1SG19CS036	HITESH B S	28	44	19	0	0	0	280	440	190	0	0		42	70
40	1SG19CS037	IIFA SHARIF	31	53	21	0	0	0	310	530	210	0	0		42	70
41	1SG19CS038	JAYANTH N	25	35	18	0	0	0	250	350	180	0	0		40	67
42	1SG19CS039	JYOTHI B	28	49	14	0	0	0	280	490	140	0	0		29	48
43	1SG19CS040	K G LAKSHMI NARAYAN	21	45	13	0	0	0	210	450	130	0	0		24	40
44	1SG19CS041	K N BHAVYA	30	41	16	0	0	0	300	410	160	0	0		48	80
45	1SG19CS042	KAJAL DAHIYA	36	47	21	0	0	0	360	470	210	0	0		28	47
46	1SG19CS043	KAMINENI PRAVALIKA	26	24	10	0	0	0	260	240	100	0	0		33	55
47	1SG19CS044	KARAN RAJ	25	34	18	0	0	0	250	340	180	0	0		11	18
48	1SG19CS045	KARTHIK K	31	19	10	0	0	0	310	190	100	0	0		40	67
49	1SG19CS046	KAVYA P	30	38	13	0	0	0	300	380	130	0	0		33	55
50	1SG19CS047	KESHAV CHANDRA RAY	28	48	16	0	0	0	280	480	160	0	0		9	15
51	1SG19CS048	KISHOR JAKKALI	18	29	16	0	0	0	180	290	160	0	0		50	83
52	1SG19CS049	KOKILA N	35	51	21	0	0	0	350	510	210	0	0		30	50
53	1SG19CS050	KSHITIJ KUMAR	21	27	9	0	0	0	210	270	90	0	0		42	70
54	1SG19CS051	KUMAR SWAPNIL	22	42	21	0	0	0	220	420	210	0	0		35	58
55	1SG19CS052	LAVANYA C	15	32	18	0	0	0	150	320	180	0	0		21	35
56	1SG19CS053	LIKITH GOWDA A P	24	23	16	0	0	0	240	230	160	0	0		29	48
57	1SG19CS054	LIKITH KRISHNA S G	34	50	25	0	0	0	340	500	250	0	0		42	70
58	1SG19CS055	MANAS MISHRA	22	31	12	0	0	0	220	310	120	0	0		53	88
59	1SG19CS056	MANASA R	37	50	25	0	0	0	370	500	250	0	0		47	78
60	1SG19CS057	MANDHARA B G	36	55	20	0	0	0	360	550	200	0	0		33	55
61	1SG19CS058	MANJESH B N	27	45	15	0	0	0	270	450	150	0	0		22	37
62	1SG19CS059	MANJUNATH BHARADWAJ V	20	47	13	0	0	0	200	470	130	0	0		34	57
63	1SG19CS060	MAYANK RAJ	28	45	19	0	0	0	280	450	190	0	0		41	68
64	1SG19CS061	MEGHA ARUN TALEKAR	35	44	13	0	0	0	350	440	130	0	0		37	62
65	1SG19CS062	MONISH KUMAR P	25	24	15	0	0	0	250	240	150	0	0		32	53
66	1SG19CS063	MONISH V	29	17	10	0	0	0	290	170	100	0	0		21	35
67	1SG20CS400	AMULYA S K	12	32	13	0	0	0	120	320	130	0	0		21	35
68	1SG20CS401	ANNAPURNA KINI	20	42	16	0	0	0	200	420	160	0	0		38	63
69	1SG20CS402	ANUSHA M L	25	40	21	0	0	0	250	400	210	0	0		28	47
70	1SG20CS403	BHARATH G	18	30	19	0	0	0	180	300	190	0	0		28	47
71	1SG18CS071	PRAJWAL P	13	35	9	0	0	0	130	350	90	0	0		21	35
72	1SG18CS058	MUDEGOWDAR VINAY	20	19	21	0	0	0	200	190	210	0	0		48	80
73	1SG19CS064	MUSKAN	24	43	20	0	0	0	240	430	200	0	0		30	50
74	1SG19CS065	N VENUMAADHAV	23	19	17	0	0	0	230	190	170	0	0		42	70
75	1SG19CS066	NAVDEEP TANWAR	29	44	23	0	0	0	290	440	230	0	0		44	73
76	1SG19CS068	NAYANIKA SUR	34	45	19	0	0	0	340	450	190	0	0		38	63
77	1SG19CS069	NEETU VIJAYANANDA	33	63	24	0	0	0	330	630	240	0	0		49	82
78	1SG19CS070	NIDHI N SATTIGERI	37	54	25	0	0	0	370	540	250	0	0		49	82
79	1SG19CS071	NISARGA R K	33	45	23	0	0	0	330	450	230	0	0		38	63
80	1SG19CS072	PADMINI SHARMA	33	53	20	0	0	0	330	530	200	0	0		36	60
81	1SG19CS073	POOJA N M	17	45	20	0	0	0	170	450	200	0	0		27	45
82	1SG19CS074	POOJITHA G	31	43	15	0	0	0	310	430	150	0	0		33	55
83	1SG19CS075	PRABHAKAR BHIMANNIA	24	37	16	0	0	0	240	370	160	0	0		39	65
84	1SG19CS076	PRAMOD	21	28	9	0	0	0	210	280	90	0	0		42	70
85	1SG19CS077	PRANEET V K	31	39	20	0	0	0	310	390	200	0	0		21	35
86	1SG19CS078	PRANSHU PRIYAM	25	35	12	0	0	0	250	350	120	0	0		29	48
87	1SG19CS080	PRIYESH RAJ	23	42	18	0	0	0	230	420	180	0	0		24	40
88	1SG19CS081	RAHUL KUMAR	23	39	12	0	0	0	230	390	120	0	0		37	62
89	1SG19CS082	RAJAT YADAV	29	40	17	0	0	0	290	400	170	0	0		35	58
90	1SG19CS083	RAKSHITH BS	21	42	21	0	0	0	210	420	210	0	0		48	80

91	1SG19CS084	RAKSHITH K PANCHALINGALU	24	32	13	0	0	0	240	320	130	0	0		12	20
92	1SG19CS085	RITHVIK PRASHANTH	19	29	15	0	0	0	190	290	150	0	0		41	68
93	1SG19CS086	ROHITH S	34	49	21	0	0	0	340	490	210	0	0		30	50
94	1SG19CS087	SAHANA GAJANAN NAIK	29	44	17	0	0	0	290	440	170	0	0		44	73
95	1SG19CS088	SAHITYA MODI	30	43	22	0	0	0	300	430	220	0	0		27	45
96	1SG19CS089	SAMBRAM SHETTY	33	39	20	0	0	0	330	390	200	0	0		39	65
97	1SG19CS090	SANCHANA HT	31	52	15	0	0	0	310	520	150	0	0		42	70
98	1SG19CS091	SANCHITHA K	32	45	22	0	0	0	320	450	220	0	0		31	52
99	1SG19CS092	SANDHYA S	29	41	13	0	0	0	290	410	130	0	0		42	70
100	1SG19CS093	SANJANA PATIL	31	48	22	0	0	0	310	480	220	0	0		32	53
101	1SG19CS094	SANTHOSH K	30	45	14	0	0	0	300	450	140	0	0		32	53
102	1SG19CS095	SHEJAL SINGH	36	46	15	0	0	0	360	460	150	0	0		21	35
103	1SG19CS096	SHEKHAR	26	19	12	0	0	0	260	190	120	0	0		31	52
104	1SG19CS097	SHIV PRASAD	29	43	15	0	0	0	290	430	150	0	0		26	43
105	1SG19CS098	SHIVANI KUMARI	28	38	21	0	0	0	280	380	210	0	0		36	60
106	1SG19CS099	SHOURYA RANJAN	29	37	17	0	0	0	290	370	170	0	0		30	50
107	1SG19CS100	SHREYASI PATRA	35	50	20	0	0	0	350	500	200	0	0		40	67
108	1SG19CS101	SHUBHAM RAJ	28	46	14	0	0	0	280	460	140	0	0		21	35
109	1SG19CS103	SNEHA N	22	39	16	0	0	0	220	390	160	0	0		36	60
110	1SG19CS104	SOUMYA	36	44	22	0	0	0	360	440	220	0	0		26	43
111	1SG19CS105	SRIRAM MISHRA H K	31	50	22	0	0	0	310	500	220	0	0		30	50
112	1SG19CS106	SRISHA NAG C S	36	54	24	0	0	0	360	540	240	0	0		21	35
113	1SG19CS107	SRISHTI SUMAN	28	41	16	0	0	0	280	410	160	0	0		51	85
114	1SG19CS108	SRUSHTI K S	31	47	23	0	0	0	310	470	230	0	0		35	58
115	1SG19CS109	SUBHANSHU JHA	22	44	19	0	0	0	220	440	190	0	0		32	53
116	1SG19CS110	SUNIL A	24	27	10	0	0	0	240	270	100	0	0		51	85
117	1SG19CS111	SURAKSHA M S	34	55	22	0	0	0	340	550	220	0	0		31	52
118	1SG19CS112	SUSHIL KUMAR G N	32	42	19	0	0	0	320	420	190	0	0		42	70
119	1SG19CS113	SUVIDHA MANJUNATH NAIK	36	54	23	0	0	0	360	540	230	0	0		32	53
120	1SG19CS114	THEJASHREE B P	31	38	19	0	0	0	310	380	190	0	0		48	80
121	1SG19CS115	THEJASHREE P	35	53	25	0	0	0	350	530	250	0	0		23	38
122	1SG19CS116	UMESH R G	23	48	19	0	0	0	230	480	190	0	0		27	45
123	1SG19CS117	VAISHNAVI VIJAY KULKARNI	32	45	20	0	0	0	320	450	200	0	0		37	62
124	1SG19CS118	VANSHAJ RAJ	13	28	19	0	0	0	130	280	190	0	0		43	72
125	1SG19CS119	VARUN S RAJU	35	54	23	0	0	0	350	540	230	0	0		30	50
126	1SG19CS120	VIDHYA KRISHNA	31	49	17	0	0	0	310	490	170	0	0		31	52
127	1SG19CS121	VIDYASHREE S	25	35	12	0	0	0	250	350	120	0	0		41	68
128	1SG19CS122	VINUTHA D S	31	48	25	0	0	0	310	480	250	0	0		39	65
129	1SG19CS123	VISHAL R	32	39	21	0	0	0	320	390	210	0	0		30	50
130	1SG19CS124	YASHASWINI N	36	52	17	0	0	0	360	520	170	0	0		21	35
131	1SG19CS125	YASHRAJ GUPTA	26	37	12	0	0	0	260	370	120	0	0		30	50
132	1SG19CS126	SAJAD AHMAD RATHER	28	37	21	0	0	0	280	370	210	0	0		37	62
133	1SG20CS407	LOHITH K	22	26	13	0	0	0	220	260	130	0	0		23	38
134	1SG20CS408	HARSHITHA M H	27	44	18	0	0	0	270	440	180	0	0		43	72
135	1SG20CS409	NANDINI N	34	50	22	0	0	0	340	500	220	0	0		30	50
136	1SG20CS410	PRASHANTH B S	24	42	13	0	0	0	240	420	130	0	0		14	23
137	1SG20CS411	PREETHAM P	19	29	10	0	0	0	190	290	100	0	0		24	40
138	1SG20CS412	SUCHITH K	22	36	17	0	0	0	220	360	170	0	0		22	37



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NAME		Madhushree	2021-22			7A&B		
COURSE		Artificial Intelligence and Machine Learning	ODD			18CS71		
Assignment Types		Descriptive	Descriptive	Descriptive	Descriptive	Descriptive	Descriptive	Descriptive
		Quiz						
		Seminar						
		Puzzles						
		CaseStudy						
		Activity						
		other						
Sl. No.	USN	NAME	CO Wise Assignment Marks					
			CO1	CO2	CO3	CO4	CO5	CO6
Max Marks			10	10	10	10	10	0
1	1SG17CS050	MD WAJAHAT RAZA	9	9	9	0	0	0
2	1SG18CS019	BHUVAN GOWDA B S	8	8	8	0	0	0
3	1SG18CS022	DARSHAN S	0	0	0	0	0	0
4	1SG19CS001	ABHAY SMARAN HALEMANE	8	8	8	0	0	0
5	1SG19CS002	ABHIJITH YADAV L	9	9	9	0	0	0
6	1SG19CS003	ABHILASH S	10	10	10	0	0	0
7	1SG19CS004	ADHARSH BHANU SHARMA B S	9	9	9	0	0	0
8	1SG19CS005	AMAN KUMAR	9	9	9	0	0	0
9	1SG19CS006	AMOGHA NATEKAR J	10	10	10	0	0	0
10	1SG19CS007	ANISH BHAT	10	10	10	0	0	0
11	1SG19CS008	ANJALI G S	10	10	10	0	0	0
12	1SG19CS009	ANKUR KUMAR	9	9	9	0	0	0
13	1SG19CS010	ANUBHAW ANAND	9	9	9	0	0	0
14	1SG19CS011	ANURAG SINGH	9	9	9	0	0	0
15	1SG19CS012	ANUSHA D V	9	9	9	0	0	0
16	1SG19CS013	ARHAM SABA	10	10	10	0	0	0
17	1SG19CS014	ASHISH SINGH	10	10	10	0	0	0
18	1SG19CS015	BHANURANJAN S BELLAKKI	10	10	10	0	0	0

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19	1SG19CS016	BHAVYA VAISHNAVI	10	10	10	0	0	0
20	1SG19CS017	BHUMIKA M	10	10	10	0	0	0
21	1SG19CS018	CHANDAN V M	10	10	10	0	0	0
22	1SG19CS019	CHANDANA G	10	10	10	0	0	0
23	1SG19CS020	CHANDRALA P DESHPANDE	10	10	10	0	0	0
24	1SG19CS021	CHARAN S	10	10	10	0	0	0
25	1SG19CS022	CHETHANA R KARIGER	10	10	10	0	0	0
26	1SG19CS023	CHITHRA P	10	10	10	0	0	0
27	1SG19CS024	DEEKSHITH B V	10	10	10	0	0	0
28	1SG19CS025	DEEKSHITH G D	10	10	10	0	0	0
29	1SG19CS026	DEEPAK RAJ	9	9	9	0	0	0
30	1SG19CS027	DEEPTHI B S	10	10	10	0	0	0
31	1SG19CS028	DHANYA M SHETTY	10	10	10	0	0	0
32	1SG19CS029	DIKSHA BHARDWAJ	10	10	10	0	0	0
33	1SG19CS030	ETUKULAPATI MEGHANA	10	10	10	0	0	0
34	1SG19CS031	HARSHA H J	10	10	10	0	0	0
35	1SG19CS032	HARSHINI GIRISH MITRA	10	10	10	0	0	0
36	1SG19CS033	HARSHITHA S	9	9	9	0	0	0
37	1SG19CS034	HARSHITHA S	10	10	10	0	0	0
38	1SG19CS035	HARSHITHA V	10	10	10	0	0	0
39	1SG19CS036	HITESH B S	10	10	10	0	0	0
40	1SG19CS037	IIFA SHARIF	10	10	10	0	0	0
41	1SG19CS038	JAYANTH N	10	10	10	0	0	0
42	1SG19CS039	JYOTHI B	10	10	10	0	0	0
43	1SG19CS040	K G LAKSHMI NARAYAN	10	10	10	0	0	0
44	1SG19CS041	K N BHAVYA	9	9	9	0	0	0
45	1SG19CS042	KAJAL DAHIYA	10	10	10	0	0	0
46	1SG19CS043	KAMINENI PRAVALIKA	10	10	10	0	0	0
47	1SG19CS044	KARAN RAJ	9	9	9	0	0	0
48	1SG19CS045	KARTHIK K	10	10	10	0	0	0
49	1SG19CS046	KAVYA P	10	10	10	0	0	0

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50	1SG19CS047	KESHAV CHANDRA RAY	10	10	10	0	0	0
51	1SG19CS048	KISHOR JAKKALI	10	10	10	0	0	0
52	1SG19CS049	KOKILA N	10	10	10	0	0	0
53	1SG19CS050	KSHITIJ KUMAR	9	9	9	0	0	0
54	1SG19CS051	KUMAR SWAPNIL	10	10	10	0	0	0
55	1SG19CS052	LAVANYA C	9	9	9	0	0	0
56	1SG19CS053	LIKITH GOWDA A P	10	10	10	0	0	0
57	1SG19CS054	LIKITH KRISHNA S G	10	10	10	0	0	0
58	1SG19CS055	MANAS MISHRA	9	9	9	0	0	0
59	1SG19CS056	MANASA R	10	10	10	0	0	0
60	1SG19CS057	MANDHARA B G	10	10	10	0	0	0
61	1SG19CS058	MANJESH B N	10	10	10	0	0	0
62	1SG19CS059	MANJUNATH BHARADWAJ V	10	10	10	0	0	0
63	1SG19CS060	MAYANK RAJ	10	10	10	0	0	0
64	1SG19CS061	MEGHA ARUN TALEKAR	10	10	10	0	0	0
65	1SG19CS062	MONISH KUMAR P	9	9	9	0	0	0
66	1SG19CS063	MONISH V	10	10	10	0	0	0
67	1SG20CS400	AMULYA S K	9	9	9	0	0	0
68	1SG20CS401	ANNAPURNA KINI	10	10	10	0	0	0
69	1SG20CS402	ANUSHA M L	10	10	10	0	0	0
70	1SG20CS403	BHARATH G	10	10	10	0	0	0
71	1SG18CS071	PRAJWAL P	9	9	9	0	0	0
72	1SG18CS058	MUDEGOWDAR VINAY	10	10	10	0	0	0
73	1SG19CS064	MUSKAN	10	10	10	0	0	0
74	1SG19CS065	N VENUMAADHAV	10	10	10	0	0	0
75	1SG19CS066	NAVDEEP TANWAR	9	9	9	0	0	0
76	1SG19CS068	NAYANIKA SUR	10	10	10	0	0	0
77	1SG19CS069	NEETU VIJAYANANDA	10	10	10	0	0	0
78	1SG19CS070	NIDHI N SATTIGERI	10	10	10	0	0	0
79	1SG19CS071	NISARGA R K	10	10	10	0	0	0
80	1SG19CS072	PADMINI SHARMA	9	9	9	0	0	0

81	1SG19CS073	POOJA N M	9	9	9	0	0	0
82	1SG19CS074	POOJITHA G	10	10	10	0	0	0
83	1SG19CS075	PRABHAKAR BHIMANNA KATTIMANI	9	9	9	0	0	0
84	1SG19CS076	PRAMOD	9	9	9	0	0	0
85	1SG19CS077	PRANEET V K	10	10	10	0	0	0
86	1SG19CS078	PRANSHU PRIYAM	9	9	9	0	0	0
87	1SG19CS080	PRIYESH RAJ	10	10	10	0	0	0
88	1SG19CS081	RAHUL KUMAR	9	9	9	0	0	0
89	1SG19CS082	RAJAT YADAV	8	8	8	0	0	0
90	1SG19CS083	RAKSHITH BS	9	9	9	0	0	0
91	1SG19CS084	RAKSHITH K PANCHALINGALU	10	10	10	0	0	0
92	1SG19CS085	RITHVIK PRASHANTH	10	10	10	0	0	0
93	1SG19CS086	ROHITH S	10	10	10	0	0	0
94	1SG19CS087	SAHANA GAJANAN NAIK	10	10	10	0	0	0
95	1SG19CS088	SAHITYA MODI	10	10	10	0	0	0
96	1SG19CS089	SAMBRAM SHETTY	10	10	10	0	0	0
97	1SG19CS090	SANCHANA HT	10	10	10	0	0	0
98	1SG19CS091	SANCHITHA K	10	10	10	0	0	0
99	1SG19CS092	SANDHYA S	10	10	10	0	0	0
100	1SG19CS093	SANJANA PATIL	10	10	10	0	0	0
101	1SG19CS094	SANTHOSH K	10	10	10	0	0	0
102	1SG19CS095	SHEJAL SINGH	10	10	10	0	0	0
103	1SG19CS096	SHEKHAR	9	9	9	0	0	0
104	1SG19CS097	SHIV PRASAD	9	9	9	0	0	0
105	1SG19CS098	SHIVANI KUMARI	9	9	9	0	0	0
106	1SG19CS099	SHOURYA RANJAN	10	10	10	0	0	0
107	1SG19CS100	SHREYASI PATRA	9	9	9	0	0	0

108	1SG19CS101	SHUBHAM RAJ	9	9	9	0	0	0
109	1SG19CS103	SNEHA N	10	10	10	0	0	0
110	1SG19CS104	SOUMYA	9	9	9	0	0	0
111	1SG19CS105	SRIRAM MISHRA H K	10	10	10	0	0	0
112	1SG19CS106	SRISHA NAG C S	10	10	10	0	0	0
113	1SG19CS107	SRISHTI SUMAN	9	9	9	0	0	0
114	1SG19CS108	SRUSHTI K S	10	10	10	0	0	0
115	1SG19CS109	SUBHANSHU JHA	9	9	9	0	0	0
116	1SG19CS110	SUNIL A	9	9	9	0	0	0
117	1SG19CS111	SURAKSHA M S	10	10	10	0	0	0
118	1SG19CS112	SUSHIL KUMAR G N	10	10	10	0	0	0
119	1SG19CS113	SUVIDHA MANJUNATH NAIK	10	10	10	0	0	0
120	1SG19CS114	THEJASHREE B P	9	9	9	0	0	0
121	1SG19CS115	THEJASHREE P	10	10	10	0	0	0
122	1SG19CS116	UMESH R G	10	10	10	0	0	0
123	1SG19CS117	VAISHNAVI VIJAY KULKARNI	10	10	10	0	0	0
124	1SG19CS118	VANSHAJ RAJ	9	9	9	0	0	0
125	1SG19CS119	VARUN S RAJU	10	10	10	0	0	0
126	1SG19CS120	VIDHYA KRISHNA	10	10	10	0	0	0
127	1SG19CS121	VIDYASHREE S	10	10	10	0	0	0
128	1SG19CS122	VINUTHA D S	10	10	10	0	0	0
129	1SG19CS123	VISHAL R	10	10	10	0	0	0
130	1SG19CS124	YASHASWINI N	10	10	10	0	0	0
131	1SG19CS125	YASHRAJ GUPTA	9	9	9	0	0	0
132	1SG19CS126	SAJAD AHMAD RATHER	9	9	9	0	0	0
133	1SG20CS407	LOHITH K	10	10	10	0	0	0
134	1SG20CS406	HARSHITHA M H	10	10	10	0	0	0
135	1SG20CS408	NANDINI N	10	10	10	0	0	0
136	1SG20CS409	PRASHANTH B S	9	9	9	0	0	0
137	1SG20CS410	PREETHAM P	10	10	10	0	0	0
138	1SG20CS411	SUCHITH K	10	10	10	0	0	0

Artificial Intelligence and Machine Learning				2021-22	18CS71	ODD	Madhushree		
C701		Level 3		80	percent of students to give feedback				
		Level 2		70	percent of students to give feedback				
		Level 1		60	percent of students to give feedback				
				CO1	CO2	CO3	CO4	CO5	CO6
LEVEL ACHIEVED				0	0	0	3.00	3.00	3.00
INDIRECT CO ATTAINMENT in Percentage				0	0	0	95	94	93
No. of students graded "0"				0	0	0	0	0	0
No. of students graded "1"				0	0	0	0	0	0
No. of students graded "2"				0	0	0	0	0	0
No. of students graded "3"				0	0	0	2	2	3
No. of students graded "4"				0	0	0	4	5	5
No. of students graded "5"				0	0	0	26	25	24
TOTAL				0	0	0	32	32	32
TOTAL NUMBER OF STUDENTS PROVIDED SURVEY				32	32	32	32	32	32
WEIGHTED AVERAGE				0.0	0.0	0.0	4.8	4.7	4.7
MAXIMUM GRADING				5	5	5	5	5	5
Course Outcomes				CO1	CO2	CO3	CO4	CO5	CO6
CO QUESTIONS AND RESPONSES FROM GOOGLE FORMS [on scale 1-5]									
Sl No	Timestamp	Email Address	Student name	EMAIL	USN	SECTION	CO1: Are you able to Appraise the theory of Artificial intelligence and Machine Learning	CO2: Are you able to Illustrate the working of AI and ML Algorithms	CO3: Able to Demonstrate the application of AI and ML
1	6/27/2023 11:19	om	Monish V	monishv0023@gmail.com	1SG19CS063	A	4	3	3
2	6/27/2023 11:19	@gmail.com	Vaishnavi Vijay Kulkarni	.com	1SG19CS117	B	5	5	5
3	6/27/2023 11:20	@gmail.com	SANTHOSH K	l.com	1SG19CS094	B	5	4	4
4	6/27/2023 11:20	com	Kshittij	kshittijumar37@gmail.com	1SG19CS050	8:00 AM	5	5	5
5	6/27/2023 11:20	com	Kajal Dahiya	kajaldahiya667@gmail.com	1SG19CS042	A	5	5	5
6	6/27/2023 11:22	com	Suvidha Manjunath Naik	suvidhanaik00@gmail.com	1SG19CS113	CSE-B	5	5	5
7	6/27/2023 11:24	gmail.com	DARSHAN S	.com	1sg18cs022	A	5	5	5
8	6/27/2023 11:25	ail.com	ROHITH S	m	1SG19CS086	B	5	5	5
9	6/27/2023 11:26	m	IIFA SHARIF	lifasharif860@gmail.com	1SG19CS037	A	4	4	4
10	6/27/2023 11:27	m	Srisha Nag C S	srishanag93@gmail.com	1SG19CS106	B	3	4	3
11	6/27/2023 11:29	@gmail.com	Abhilash S	il.com	1SG19CS003	A	5	5	5
12	6/27/2023 11:30	gmail.com	Etukulapati Meghana	.com	1SG19CS030	A	4	4	4
13	6/27/2023 11:35	om	Sambram Shetty	samstar3108@gmail.com	1SG19CS089	B	5	5	5
14	6/27/2023 11:37	01@gmail.com	Chithra P	mail.com	1SG19CS023	A	5	5	5
15	6/27/2023 11:51	om	Monish p	monish1089@gmail.com	1SG19CS062	A	5	5	4
16	6/27/2023 12:05	m	Yashaswini N	iamyashvi7@gmail.com	1SG19CS124	B	5	5	5
17	6/27/2023 12:11	m	Adharsh Bhanu Sharma BS	Adharsh916@gmail.com	1sg19cs004	A	5	5	5
18	6/27/2023 12:17	m	Soumya	ssiodu3102@gmail.com	1SG19CS104	B	5	5	5
19	6/27/2023 12:30	ail.com	Kokila N	m	1SG19CS049	A	3	3	3
20	6/27/2023 12:43	gmail.com	Charan S	.com	1SG19CS021	A	5	5	5
21	6/27/2023 13:18	ail.com	Shourya Ranjan	m	1SG19CS099	B	5	5	5
22	6/27/2023 13:50	l.com	Amogha Natekar J	amoghanatekar@gmail.com	1sg19cs006	A	5	5	5
23	6/27/2023 15:25	com	Thejashree B P	thejushree139@gmail.com	1SG19CS114	B	5	5	5
24	6/27/2023 16:06	m	Shejal Singh	2010shejal@gmail.com	1SG19CS095	B	5	5	5
25	6/27/2023 17:57	.com	Harshitha M H	harshithamh02@gmail.com	1SG20CS406	B	5	5	5
26	6/27/2023 17:58	ail.com	Thejashree P	m	1SG19CS115	B	5	5	5
27	6/27/2023 18:16	ail.com	NANDINI N	m	1SG20CS408	B	5	5	5
28	6/27/2023 19:24	m	Praneet V K	praneetvk32@gmail.com	1SG19CS077	B	5	5	5
29	6/28/2023 10:08	mail.com	Sanchana H T	om	1sg19cs090	B	5	5	5
30	6/28/2023 11:31	m	Ashish singh	moniash29@gmail.com	1sg19cs014	A	5	5	5
31	6/28/2023 12:47	gmail.com	Amulya sk	.com	1SG20CS400	A	5	5	5
32	6/30/2023 2:19	e@gmail.com	Abhay smaran halemane	ail.com	1SG19CS001	A	4	4	4


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CO ATTAINMENT SUMMARY FILE

NAME	Dr SHOBHA HUGAR			SEM/SEC	8 B	Year of study	2022-23	EVEN	
COURSE	Wireless & Cellular Communication			CODE	18EC81	COURSE NAME		EVEN	
COURSE OUTCOMES. At the end of the Course students will be able to								PO	PSO
CO-1	.1	Explain concepts of propagation mechanisms like reflection,diffraction,scattering in wireless channels.						3,1,1,1,1,1	2
CO-2	.2	Develop a scheme for idle mode, call setup,call progress handling and call tear down in GSM cellular network						1,2,1,1,1,1	2
CO-3	.3	Develop a scheme for idle mode, call setup,call progress handling and call tear down in CDMA cellular network						1,2,1,1,1,1	2
CO-4	.4	Understand the basics operation of air interface in a LTE 4G system.						1,2,1,1,1,1,1	2
CO-5	.5	Understand communication theory both physical and networking associated with GSM,CDMA & LTE 4G system						3,1,1,1,1,2	2
CO-6	.6								

Prerequisite Subjects: Basic Electronics

COURSE ARTICULATION MATRIX-CO-PO MAPPING

CO-PSO Matrix

RBT CO LEVEL	GRADUATE ATTRIBUTES	Apply Knowledge	Analysis	Design	Investigation	Modern Tools	Society	Environment	Ethics	Team Work	Communication	Proj Mgmt Finance	Life Long Learn	PSO1:Specify, design, build and test analog, digital and embedded systems for signal processing PSO2:Design wired and wireless analog and digital communication systems as per specifications and determine their performance				
	RBT of PO	L3	L3	L6	L4	L3	L3	L3	L3	L4	L2	L2	L4	RBT OF PSOs	L3	L3	L3	L3
	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO	1	2	3	4
L2	.1	3	1	1	1	-	0	1	0	0	1	-	1	.1	-	-		
L2	.2	1	2	-	0	-	1	1	0	0	1	0	1	.2	-	-		
L3	.3	1	2	-	-	-	1	1	0	0	1	0	1	.3	-	-		
L3	.4	1	2	1	-	0	1	1	0	0	1	0	1	.4	-	-		
L2	.5	3	1	-	-	0	1	1	0	0	1	0	2	.5	-	-		

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	.6													.6				
	Average	1.80	1.60	1.00	1.00	-	1.00	1.00	-	-	1.00	-	1.20	Average	-	-	-	-
Mapping Corelation:		Low	Med	High	NO	L1: Remember		L2: Understanding		L3: Apply		L4: Analyze		L5: Evaluate				
		1	2	3	-	L6: Create												

ATTAINMENT METHODS AND TOOLS				
DIRECT ATTAINMENT 80%			INDIRECT ATTAINMENT 20%	
TOOLS	Frequency & Mode	Weightage	TOOLS	Frequency
Internal Evaluation	3 tests and Average	60	Course End Survey	once in Sem End
Assignment, Quiz, Puzzles, etc	before IA and equal for all CO	0		
Semester End Exam	End of semester by VTU equal for all CO	40		
Direct Total Calculation: 60 *Internal + 0 *Assignment + 40 *SEE				

Rubrics/TARGET LEVELS

TARGET FOR CONTINUOUS INTERNAL EVALUATION

60	LEVEL3	80	percent of students to get	60	percent marks	Eg: Previous exam results was 48%
	LEVEL2	70	percent of students to get	60	percent marks	
	LEVEL1	60	percent of students to get	60	percent marks	

TARGET FOR ASSIGNMENT EVALUATION

0	LEVEL3	80	percent of students to get	50	percent marks	Eg: Previous assignment students achieved 75%
	LEVEL2	70	percent of students to get	50	percent marks	
	LEVEL1	60	percent of students to get	50	percent marks	

TARGET FOR SEMESTER END EXAM

40	LEVEL3	80	percent of students to get	50	percent marks	Eg: VTU exam results last sem was 48%
	LEVEL2	70	percent of students to get	50	percent marks	
	LEVEL1	60	percent of students to get	50	percent marks	

Note: If Targets level 3 is achieved increase target levels for next year

CO ATTAINMENT BY DIRECT METHODS for 80% From Direct sheet

		PERCENTAGE						LEVELS					
Wt	Tools	CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2	CO3	CO4	CO5	CO6

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60	Internal	79	70	97	73	94	0	2	2	3	2	3	0
0	Assignment Attainment	0	0	0	0	0							
40	SEE Attainment	60	60	60	60	60			0	0	0	0	
100	TOTAL	71	66	82	68	80	NA	2.00	1.20	1.80	1.20	1.80	NA
	TARGET	80	80	80	80	80	80						
Total Calculation: 60 *Internal + 0 *Assignment + 40 *SEE													

CO ATTAINMENT BY IN-DIRECT METHOD SURVEY for 20%- From INDIRECT Sheet													
Wt	Tools	PERCENTAGE						LEVELS					
		CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2	CO3	CO4	CO5	CO6
100	Course End Survey	0	0	0	0	0	0	0	0	0	0	0	0

0.8*Direct + 0.2* Indirect only for this course													
FINAL CO ATTAINMENT	PERCENTAGE						LEVELS						
	CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2	CO3	CO4	CO5	CO6	
	57	53	66	54	64	NA	1.60	0.96	1.44	0.96	1.44	NA	

DIRECT ATTAINMENT TO MAPPING SCALE																		
DIRECT ATTAINED	Program Outcomes														PSO			
	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	COs	1	2	3	4
2.00	.1	2	1	1	1	-	0	1	0	0	1	-	1	.1	-	-	0	0
1.20	.2	0	1	-	0	-	0	0	0	0	0	0	0	.2	-	-	0	0
1.80	.3	1	1	-	-	-	1	1	0	0	1	0	1	.3	-	-	0	0
1.20	.4	0	1	0	-	0	0	0	0	0	0	0	0	.4	-	-	0	0
1.80	.5	2	1	-	-	0	1	1	0	0	1	0	1	.5	-	-	0	0
NA	.6	-	-	-	-	-	-	-	-	-	-	-	-	.6	-	-	-	-
Average	0	1.04	0.81	0.53	0.67	-	0.50	0.53	-	-	0.53	-	0.65	Average	-	-	-	-

IN-DIRECT ATTAINMENT TO MAPPING SCALE																	
IN-DIRECT	Program Outcomes														PSO		

INDIRECT ATTAINED	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	COs	1	2	3	4
0	.1	0	0	0	0	-	0	0	0	0	0	-	0	.1	-	-	0	0
0	.2	0	0	-	0	-	0	0	0	0	0	0	0	.2	-	-	0	0
0	.3	0	0	-	-	-	0	0	0	0	0	0	0	.3	-	-	0	0
0	.4	0	0	0	-	0	0	0	0	0	0	0	0	.4	-	-	0	0
0	.5	0	0	-	-	0	0	0	0	0	0	0	0	.5	-	-	0	0
0	.6	0	0	0	0	0	0	0	0	0	0	0	0	.6	0	0	0	0
Average	0	-	-	-	-	-	-	-	-	-	-	-	-	Average	-	-	-	-

FINAL ATTAINMENT 80% Direct + 20% INDIRECT																		
COs	Final = 80%Direct + 20% Indirect	Program Outcomes												COs	PSO			
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12		1	2	3	4
.1		2	1	1	1	-	0	1	0	0	1	-	1	.1	-	-	0	0
.2		0	1	-	0	-	0	0	0	0	0	0	0	.2	-	-	0	0
.3		0	1	-	-	-	0	0	0	0	0	0	0	.3	-	-	0	0
.4		0	1	0	-	0	0	0	0	0	0	0	0	.4	-	-	0	0
.5		1	0	-	-	0	0	0	0	0	0	0	1	.5	-	-	0	0
.6		-	-	-	-	-	-	-	-	-	-	-	-	.6	-	-	-	-
0	Average	1	1	0	1	-	0	0	-	-	0	-	1	Average	-	-	-	-

SUBJECT ANALYSIS								
NAME	Dr SHOBHA HUGAR			SEM/SEC	8 B	Year of study	2021-22	ODD/EVEN
COURSE	Wireless & Cellular Communication			CODE	18EC81	COURSE NAME	0	EVEN
	CAYm1	CAY	Analysis from Direct					
CO	2020-21	2021-22						
CO1		71						
CO2		66						
CO3		82						
CO4		68						
CO5		80						

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Bangalore

Head of the Department
Electronics & C
Sapthagiri College
Bangalore



SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to VTU, Belagavi and Approved by AICTE, Delhi.

#14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore

An ISO 9001:2015 and 14001:2015 Certified Institution

(Accredited by NAAC with "A" Grade)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

(NBA Accredited)

CO ATTAINMENT SUMMARY FILE

NAME	A. DHAMODARAN	SEM/SEC	7 / A & B	Year of study	2022-23	ODD / EVEN	ODD
COURSE	POWER SYSTEM ANALYSIS - 2	CODE	18EE71	Course Code	C401		
COURSE OUTCOMES. At the end of the Course students will be able to							PO PSO
CO-1	C401.1	Develop network matrices and models for solving load flow problems				1,2	1
CO-2	C401.2	Evaluate the steady state power flow analysis of power systems using numerical iterative techniques				1,2	1
CO-3	C401.3	Determine optimum generation scheduling and optimal unit commitment of thermal power plants				1,2,12	1,3
CO-4	C401.4	Analyse short circuit faults in power system networks using bus impedance matrix				1,2	1
CO-5	C401.5	Determine numerical solution of swing equation for multi-machine stability				1,2,3	1
CO-6	C401.6						

Prerequisite Subjects: Mathematics, Basic Electrical Engineering, Power Generation and Economics, Transmission and distribution, Power System Analysis-1.

COURSE ARTICULATION MATRIX-CO-PO MAPPING

GRADUATE ATTRIBUTES													PSO1: Apply fundamental knowledge to identify, formulate, design and investigate various problems of Electrical Machines, Power Electronics, Microcontroller, Control System, Power System and High Voltage Engineering. PSO2: Apply modern software tools for design, simulation and analysis of electrical and electronics systems, engage in lifelong learning and to successfully adapt in multidisciplinary environments. PSO3: Solve ethically and professionally various Electrical and Electronics Engineering problems in societal and environmental context.			
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO	1	2	3
C401.1	3	3	-	-	-	-	-	-	-	-	-	-	C401.1	3	-	-
C401.2	3	3	-	-	-	-	-	-	-	-	-	-	C401.2	3	-	-
C401.3	3	3	-	-	-	-	-	-	-	-	-	2	C401.3	3	-	2
C401.4	2	3	-	-	-	-	-	-	-	-	-	-	C401.4	3	-	-
C401.5	3	3	2	-	-	-	-	-	-	-	-	-	C401.5	3	-	-
C401.6													C401.6	3	-	-
Average	2.80	3.00	2.00	-	-	-	-	-	-	-	-	2.00	Average	3.00	-	2.00
Mapping Correlation:			Low	Med	High	NO										
			1	2	3	-										

ATTAINMENT METHODS AND TOOLS

DIRECT ATTAINMENT 80%			INDIRECT ATTAINMENT 20%		
TOOLS	Frequency & Mode	Weightage	TOOLS	Frequency	Weight
Continuous Internal Evaluation	3 tests Average and Assignment	60	Course End Survey	once in Sem End	100%
Semester End Exam	End of semester by VTU equal for all CO	40			
Direct Total Calculation: $0.6 \cdot CIE + 0.4 \cdot SEE$					

Rubrics/TARGET LEVELS

TARGET FOR CONTINUOUS INTERNAL EVALUATION

60	LEVEL 3	80	percent of students to get	60	percent marks
	LEVEL 2	70	percent of students to get	60	percent marks
	LEVEL 1	60	percent of students to get	60	percent marks

TARGET FOR SEMESTER END EXAM

40	LEVEL 3	80	percent of students to get	50	percent marks
	LEVEL 2	70	percent of students to get	50	percent marks
	LEVEL 1	60	percent of students to get	50	percent marks

CO ATTAINMENT BY DIRECT METHODS for 80% From Direct sheet

		PERCENTAGE						LEVELS					
Wt	Tools	CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2	CO3	CO4	CO5	CO6
60	CIE Attainment	72	49	75	66	94	-	2	0	2	1	3	0
40	SEE Attainment	43	43	43	43	43	-	0	0	0	0	0	0
100	TOTAL	60	47	62	57	73	-	1.20	0.00	1.20	0.60	1.80	NA
	TARGET	80	80	80	80	80	-						

Total Calculation: $0.6 \cdot CIE + 0.4 \cdot SEE$

CO ATTAINMENT BY IN-DIRECT METHOD SURVEY for 20% From INDIRECT Sheet

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Wt	Tools	PERCENTAGE						LEVELS					
		CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2	CO3	CO4	CO5	CO6
100	Course End Survey	92	91	89	91	88	-	3	3	3	3	3	-

0.8*Direct + 0.2* Indirect only for this course													
FINAL CO ATTAINMENT	PERCENTAGE						LEVELS						
	CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2	CO3	CO4	CO5	CO6	
	67	56	67	64	76	NA	1.56	0.60	1.56	1.08	2.04	NA	

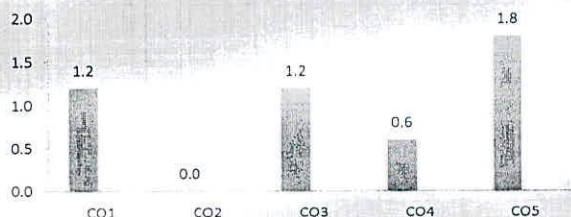
DIRECT ATTAINMENT TO MAPPING SCALE																	
DIRECT ATTAINED	COs	Program Outcomes												COs	PSO		
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12		1	2	3
1.2	C401.1	1	1	-	-	-	-	-	-	-	-	-	-	C401.1	1	-	-
0.0	C401.2	0	0	-	-	-	-	-	-	-	-	-	-	C401.2	0	-	-
1.2	C401.3	1	1	-	-	-	-	-	-	-	-	-	1	C401.3	1	-	1
0.6	C401.4	0	1	-	-	-	-	-	-	-	-	-	-	C401.4	1	-	-
1.8	C401.5	2	2	1	-	-	-	-	-	-	-	-	-	C401.5	2	-	-
NA	C401.6	-	-	-	-	-	-	-	-	-	-	-	-	C401.6	-	-	-
Average	C401	1.15	1.2	1.2	-	-	-	-	-	-	-	-	0.8	Average	1	-	1

IN-DIRECT ATTAINMENT TO MAPPING SCALE																	
IN DIRECT ATTAINED	COs	Program Outcomes												COs	PSO		
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12		1	2	3
3	C401.1	3	3	-	-	-	-	-	-	-	-	-	-	C401.1	3	-	-
3	C401.2	3	3	-	-	-	-	-	-	-	-	-	-	C401.2	3	-	-
3	C401.3	3	3	-	-	-	-	-	-	-	-	-	2	C401.3	3	-	2
3	C401.4	2	3	-	-	-	-	-	-	-	-	-	-	C401.4	3	-	-
3	C401.5	3	3	2	-	-	-	-	-	-	-	-	-	C401.5	3	-	-
-	C401.6	-	-	-	-	-	-	-	-	-	-	-	-	C401.6	-	-	-
Average	C401	3	3	2	-	-	-	-	-	-	-	-	2	Average	3	-	2

FINAL ATTAINMENT 80% Direct + 20% INDIRECT																	
COs		Program Outcomes												COs	PSO		
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12		1	2	3
C401.1	Final = 80%Direct + 20% Indirect	2	2	-	-	-	-	-	-	-	-	-	-	C401.1	2	-	-
C401.2		1	1	-	-	-	-	-	-	-	-	-	-	C401.2	1	-	-
C401.3		2	2	-	-	-	-	-	-	-	-	-	1	C401.3	2	-	1
C401.4		1	1	-	-	-	-	-	-	-	-	-	-	C401.4	1	-	-
C401.5		2	2	1	-	-	-	-	-	-	-	-	-	C401.5	2	-	-
C401.6		-	-	-	-	-	-	-	-	-	-	-	-	C401.6	-	-	-
C401	Average	1.30	1.37	1.36	-	-	-	-	-	-	-	-	1.04	Average	1.4	-	1.0

SUBJECT ANALYSIS							
NAME	A. DHAMODARAN			SEM/SEC	7 / A & B		Year of study
COURSE	POWER SYSTEM ANALYSIS - 2			CODE	18EE71		Course Code
							2022-23
							ODD / EVEN
							ODD
CO	CAYm1	CAY	Analysis from Direct				
	2021-22	2022-23					
CO1	1.2	1.2					
CO2	0.6	0.0	More numerical problems on load flow solution techniques are given.				
CO3	1.8	1.2	More numerical problems on optimum generation scheduling are given.				
CO4	1.8	0.6					
CO5	0.6	1.8					
CO6	---	NA					

ANALYSIS BY DIRECT METHOD



Course Coordinator

HOD, Dept. of EEE

PROF & HC

Department of Electrical & Elec
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Program level Course-PO matrix of all courses INCLUDING first year courses)(DIRECT)2019 batch

Semester	Sub Code	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO1	PSO2	PSO 3	PSO 4
Semester-1 P-CYCLE	18MAT11	1.4	1.0	-	-	-	-	-	-	-	-	-	1.0	-	2	-	-
	18PHY12	1.4	0.8	-	-	0.5	0.8	-	-	-	-	-	0.8	-	-	-	-
	18ELE13	1.44	1.04	-	-	-	1.20	-	-	-	-	-	-	-	-	-	-
	18CIV14	0.80	0.93	1.20	-	-	-	-	-	-	0.53	-	-	0.87	0.67	0.67	0.82
	18EGDL15	3.0	2.0	-	-	3.0	-	-	-	2.0	3.0	-	2.0	1	2	-	-
	18PHYL16	1.8	1.0	-	-	-	-	-	-	1.0	1.0	-	1.0	-	-	-	-
	18EEL17	-	-	-	2.00	-	-	-	-	3.00	2.00	-	2.00	-	-	-	-
	18EGH18	-	-	-	-	-	-	-	-	-	2.2	-	2.2	-	-	-	-
Semester-2 C-CYCLE	18MAT21	1.4	1.0	-	-	-	-	-	-	-	-	-	1.0	-	2	-	-
	18CHE22	3.00	-	-	-	-	-	2.00	-	-	-	-	-	-	-	-	-
	18CPS23	3.0	2.0	-	-	-	-	-	-	-	-	-	2.0	3	2	-	-
	18ELN24	2.50	1.80	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-
	18ME25	2.2	-	-	-	-	-	-	-	-	-	-	1.2	-	-	-	-
	18CHEL26	3.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	18CPL27	3.0	2.5	-	-	-	-	-	-	1.0	1.0	-	2.0	3	2	-	-
	18EGH28	-	-	-	-	-	-	-	-	-	3.00	-	3.00	-	-	-	-
Semester-3	18MAT31	3.00	2.33	1.67	1.00	-	-	-	-	-	-	-	2.00	3.00	2.00	-	-
	18CS32	1	1	1	1	0	-	-	1	1	1	-	1	1	1	0	-
	18CS33	1	1	1	1	1	-	-	-	-	-	-	-	1	1	1	-
	18CS34	0.78	0.60	0.60	-	-	-	-	-	-	-	-	-	0	0	-	-
	18CS35	1	1	1	1	1	-	-	1	1	1	-	1	1	1	0	-
	18CS36	1	1	-	-	-	-	-	-	-	-	-	0	1	-	-	-
	18CSL37	2	3	3	2	2	-	-	-	-	-	-	-	2	3	3	-
	18CSL38	3	2	3	3	1	-	-	3	3	2	-	2	2	3	1	-
Semester-4	18MAT41	3.00	2.25	1.75	1.00	-	-	-	-	-	-	-	2.00	3.00	2.00	-	-
	18CS42	3	3	2	-	-	-	-	-	-	-	1	2	2	2	1	-
	18CS43	2.52	2.70	1.80	-	-	-	-	-	-	-	-	2	2	1	-	-

	18CS44	1	1	1	-	-	-	-	-	-	-	-	-	1	1	1	-
	18CS45	3	2	-	-	2	-	-	-	-	-	-	2	3	-	2	-
	18CS46	3	2	-	-	-	-	-	-	-	-	-	2	-	3	-	-
	18CSL47	3	2	2	2	3	-	-	-	-	-	-	2	3	-	3	-
	18CSL48	3	2	3	-	1	-	-	-	2	2	-	2	3	2	3	-
Semester-5	18CS51	1.82	1.4 0	-	-	-	1	1	2	1	1	1	1	-	1	-	-
	18CS52	3	2	-	-	-	-	-	-	-	-	-	2	1	3	-	-
	18CS53	2	1	1	1	1	-	-	-	-	-	-	1	2	2	1	-
	18CS54	3	2	1	-	-	-	-	-	-	-	-	-	2	1	-	-
	18CS55	1	0	-	-	0	-	-	-	-	-	-	0	1	-	1	-
	18CS56	2	-	-	-	-	2	2	-	-	-	2	-	2	1	-	-
	18CSL57	-	3	3	-	3	-	-	-	-	-	-	2	-	3	-	-
	18CSL58	3	3	3	1	2	-	-	-	2	2	2	2	2	2	2	-
Semester-6	18IS61	2	1	2	-	-	-	-	-	-	-	-	2	2	2	2	-
	18IS62	2	1	2	-	2	-	-	2	-	-	-	2	2	2	2	-
	18CS63	1	1	1	-	-	-	-	-	-	-	1	1	1	1	1	-
	18CS64X(18CS643)	1	1	1	1	-	-	-	-	-	-	-	1	-	2	1	-
	18CS65X	OPEN ELECTIVE															
	18ISL66	2.00	2.8 0	3.0 0	-	-	-	-	-	-	-	-	1	1	1	1	-
	18ISL67	3	2	2	-	-	3	3	-	-	-	-	2	3	2	1	-
	18CSMP68	2	2	2	-	2	2	-	-	1	-	-	1	2	2	2	-
Semester-7	18CS71	2	2	1	-	-	-	-	-	-	-	1	1	1	1	1	-
	18CS72	1	3	2	2	1	-	-	-	2	-	2	-	1	3	-	-
	18CS73X(18CS731)	1	2	1	-	1	-	-	-	-	-	2	1	1	2	1	-
	18CS74X(18CS744)	2	2	1	2	1	-	-	2	-	-	2	1	2	2	1	-
	18CS75X	OPEN ELECTIVE															
	18CSL76	3	2	2	-	3	-	-	-	-	-	-	2	3	-	3	-
	18CSP77	2.70	2.7 0	2.7 0	0.9 0	1.8 0	1	1	2	3	3	2	2	2	1	2	-
	18CS81	3	1	2	1	-	1	1	-	1	-	-	-	1	2	2	-
Semester-8	18CS82X(18CS822)	2	3	3	-	1	-	-	-	-	-	-	-	2	3	-	-
	18CSP83	2.34	2.3 4	2.5 2	2.1 6	2.3 4	2	2	1	2	2	2	3	3	2	1	-
	18CSS84	2	2	-	2	1	1	1	2	2	2	-	2	2	3	3	-
	18CSI85	2	2	3	2	3	1	-	3	3	1	3	3	3	2	3	-

Program level Course-PO matrix of all courses INCLUDING first year courses(INDIRECT)2019 batch

Semester	Sub Code	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO1	PSO2	PSO 3	PSO 3
Semester-1	18MAT11	1	1	-	-	-	-	-	-	-	-	-	1	-	2	-	-
	18PHY12	1.8	1.0	-	-	1.0	1.0	-	-	-	-	-	1.0	-	-	-	-
	18ELE13	1.8	1.3	-	-	-	1.3	-	-	-	-	-	-	-	-	-	-
	18CIV14	2.2	2.4	2.6	-	-	-	-	-	-	2.0	-	-	2.40	1.87	1.87	2.00
	18EGDL15	3.0	2.0	-	-	3.0	-	-	-	2.0	3.0	-	2.0	1	2	-	-
	18PHYL16	2	1	-	-	-	-	-	-	1	1	-	1	-	-	-	-
	18EEL17	-	-	-	2.0	-	-	-	-	3.0	2.0	-	2.0	-	-	-	-
	18EGH18	-	-	-	-	-	-	-	-	-	3.0	-	3.0	-	-	-	-
Semester-2	18MAT21	1.3	0.9	-	-	-	-	-	-	-	-	-	0.9	-	2	-	-
	18CHE22	2.8	-	-	-	-	-	2.0	-	-	-	-	-	-	-	-	-
	18CPS23	2.4	1.6	-	-	-	-	-	-	-	-	-	1.6	2	2	-	-
	18ELN24	0.9	0.7	-	-	-	-	-	-	-	-	-	0.3	-	-	-	-
	18ME25	2.2	-	-	-	-	-	-	-	-	-	-	1.2	-	-	-	-
	18CHEL26	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	18CPL27	2.5	2.0	-	-	-	-	-	-	0.8	0.8	-	1.7	3	2	-	-
	18EGH28	-	-	-	-	-	-	-	-	-	2.8	-	2.8	-	-	-	-
Semester-3	18MAT31	2.7	2.0	1.5	0.6	-	-	-	-	-	-	-	1.8	2.75	1.83	-	-
	18CS32	3	2	3	3	1	-	-	3	3	2	-	2	2	3	1	-
	18CS33	2	3	3	2	2	-	-	-	-	-	-	-	2	2	3	-
	18CS34	3	2	2	-	-	-	-	-	-	-	-	-	1	2	-	-
	18CS35	1	2	3	3	2	-	-	3	3	2	-	2	2	3	1	-
	18CS36	2	2	-	-	-	-	-	-	-	-	-	1	2	-	-	-
	18CSL37	2	3	3	2	2	-	-	-	-	-	-	-	2	3	3	-
	18CSL38	3	2	3	3	1	-	-	3	3	2	-	2	2	3	1	-
Semester-4	18MAT41	2.7	2.0	1.5	0.6	-	-	-	-	-	-	-	1.8	2.75	1.83	-	-
	18CS42	3	3	2	-	-	-	-	-	-	-	1	2	2	2	1	-
	18CS43	3	3	2	-	-	-	-	-	-	-	-	2	3	2	-	-

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Dr. H.R. Ranganatha
Prof. & H.O.D

Dept. of Information Sciences & Engg
Sapthagiri College of Engineering

	18CS44	3	3	2	-	-	-	-	-	-	-	-	2	3	2	-
	18CS45	3	2	-	-	2	-	-	-	-	-	2	3	-	2	-
	18CS46	3	2	-	-	-	-	-	-	-	-	2	-	3	-	-
	18CSL47	3	2	2	2	3	-	-	-	-	-	2	3	-	3	-
	18CSL48	3	2	3	-	1	-	-	-	2	2	-	2	3	2	3
Semester-5	18CS51	3	2	-	-	-	2	2	3	2	2	2	1	-	1	-
	18CS52	3	2	-	-	-	-	-	-	-	-	2	1	3	-	-
	18CS53	2	2	2	2	2	-	-	-	-	-	2	2	3	2	-
	18CS54	3	2	1	-	-	-	-	-	-	-	-	2	1	-	-
	18CS55	3	1	-	-	1	-	-	-	-	-	1	2	-	2	-
	18CS56	2	-	-	-	-	2	2	-	-	-	2	-	2	1	-
	18CSL57	-	3	3	-	3	-	-	-	-	-	2	-	3	-	-
	18CSL58	3	3	3	1	2	-	-	-	2	2	2	2	2	2	2
Semester-6	18IS61	2	2	3	-	-	-	-	-	-	-	2	3	2	2	-
	18IS62	2	1	2	-	2	-	-	3	-	-	2	2	2	3	-
	18CS63	3	2	2	-	-	-	-	-	-	2	2	2	3	3	-
	18CS64X(18CS643)	1	1	1	1	-	-	-	-	-	-	1	-	2	1	-
	18CS65X	OPEN ELECTIVE														
	18ISL66	2	3	3	-	-	-	-	-	-	-	1	1	1	1	-
	18ISL67	3	2	2	-	-	3	3	-	-	-	2	3	2	1	-
	18CSMP68	3	2	2	-	2	2	-	-	1	-	1	2	2	2	-
Semester-7	18CS71	3	3	2	-	-	-	-	-	-	-	1	2	2	2	1
	18CS72	1	3	2	2	1	-	-	-	2	-	2	-	1	3	-
	18CS73X(18CS731)	1	2	2	-	1	-	-	-	-	-	2	1	1	2	1
	18CS74X(18CS744)	3	2	1	2	1	-	-	2	-	-	2	1	2	2	1
	18CS75X	OPEN ELECTIVE														
	18CSL76	3	2	2	-	3	-	-	-	-	-	2	3	-	3	-
	18CSP77	3	3	3	1	2	1	1	2	3	3	2	2	2	1	2
Semester-8	18CS81	3	2	3	1	1	1	1	-	2	-	-	1	1	2	2
	18CS82X(18CS822)	2	3	3	-	1	-	-	-	-	-	-	2	3	-	-
	18CSP83	3	3	3	2	3	2	2	2	3	3	2	3	3	2	2
	18CSS84	2	2	-	2	1	1	1	2	2	2	-	2	2	3	3
	18CS185	2	2	3	2	3	1	-	3	3	1	3	3	3	2	3


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SAPTHAGIRI COLLEGE OF ENGINEERING
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DEPARTMENT OF MECHANICAL ENGINEERING
CO ATTAINMENT SUMMARY FILE

NAME	Dr. Basavaraj Ganiger	SEM/SEC	6TH	Year of study	2022-23	ODD/EVEN
COURSE	Heat Transfer	CODE	18ME63	COURSE NAME	C311	EVEN

COURSE OUTCOMES. At the end of the Course students will be able to

CO-1	C311.1	Determine Steady state heat conduction
CO-2	C311.2	Determine the unsteady state heat conduction
CO-3	C311.3	Determine the radiation heat transfer by applying fundamental laws
CO-4	C311.4	Determine convective heat transfer using non-dimensional numbers
CO-5	C311.5	Determine performance parameters of heat exchangers
CO-6	C311.6	

Prerequisite Subjects:

COURSE ARTICULATION MATRIX-CO-PO MAPPING													CO-PSO Matrix				
GRADUATE ATTRIBUTES	Apply Knowledge	Analysis	Design	Investigation	Modern Tools	Society	Environment	Ethics	Team Work	Communication	Proj Mgmt Finance	Life Long Learn	PSO1.Expertise in specialized areas of Mechanical Engineering such as Design, Thermal, Materials and Manufacturing with a focus on research and innovation. PSO2.Apply analytical, numerical and experimental skills with awareness of societal impact for solving Mechanical Engineering problems. PSO3.Apply modern tools and managerial skills to develop product in Mechanical and allied Engineering fields.				
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO	1	2	3	
C311.1	3	3	2	-	-	-	-	-	-	-	-	2	C311.1	3	3	-	
C311.2	3	2	-	-	-	-	-	-	-	-	-	2	C311.2	3	3	-	
C311.3	3	3	-	-	-	-	-	-	-	-	-	2	C311.3	3	3	-	
C311.4	3	3	2	-	-	-	2	-	-	-	-	2	C311.4	3	3	-	
C311.5	3	3	3	-	-	-	-	-	-	-	-	2	C311.5	3	3	-	
C311.6	3	3	2	-	-	-	-	-	-	-	-	2	C311.6	3	3	-	
Average	3.00	2.83	2.25	-	-	-	2.00	-	-	-	-	2.00	Average	3.00	3.00	-	
Mapping Corelation:		Low	Med	High	NO	L1: Remember		L2: Understanding		L3: Apply		L4: Analyze		L5: Evaluate			
		1	2	3	-	L6: Create											

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ATTAINMENT METHODS AND TOOLS													
DIRECT ATTAINMENT 80%							INDIRECT ATTAINMENT 20%						
TOOLS		Frequency & Mode			Weightage		TOOLS		Frequency				
Internal Evaluation		3 tests and Average			60		Course End Survey		once in Sem End				
Semester End Exam		End of semester by VTU equal for all CO			40								
Rubrics/TARGET LEVELS													
TARGET FOR CONTINUOUS INTERNAL EVALUATION													
60	LEVEL3	80	percent of students to get		60	percent marks							
	LEVEL2	70	percent of students to get		60	percent marks							
	LEVEL1	60	percent of students to get		60	percent marks							
TARGET FOR SEMESTER END EXAM													
40	LEVEL3	####	percent of students to get		50	percent marks							
	LEVEL2	####	percent of students to get		50	percent marks							
	LEVEL1	####	percent of students to get		50	percent marks							
CO ATTAINMENT BY DIRECT METHODS for 80%From Direct sheet													
		PERCENTAGE						LEVELS					
Wt	Tools	CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2	CO3	CO4	CO5	CO6
60	Internal	83	39	67	83	83	0	3	0	1	3	3	0
40	SEE Attainment	7	7	7	7	7		0		0	0	0	
100	TOTAL	52	26	43	52	52	NA	1.80	NA	0.60	1.80	1.80	NA
CO ATTAINMENT BY IN-DIRECT METHOD SURVEY for 20%- From INDIRECT Sheet													
		PERCENTAGE						LEVELS					
Wt	Tools	CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2	CO3	CO4	CO5	CO6
100	Course End Survey	27	30	24	21	24	0	0	0	0	0	0	0
0.8*Direct + 0.2* Indirect only for this course													
		PERCENTAGE						LEVELS					
FINAL CO ATTAINMENT		CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2	CO3	CO4	CO5	CO6
		47	27	39	46	47	NA	1.44	NA	0.48	1.44	1.44	NA

DIRECT ATTAINMENT TO MAPPING SCALE																		
DIRECT ATTAINED	Program Outcomes													COs	PSO			
	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12		1	2	3	4
1.80	C311.1	2	2	1	-	-	-	-	-	-	-	-	1	C311.1	2	2	-	-
NA	C311.2	-	-	-	-	-	-	-	-	-	-	-	-	C311.2	-	-	-	-
0.60	C311.3	1	1	-	-	-	-	-	-	-	-	-	0	C311.3	1	1	-	-
1.80	C311.4	2	2	1	-	-	-	1	-	-	-	-	1	C311.4	2	2	-	-
1.80	C311.5	2	2	2	-	-	-	-	-	-	-	-	1	C311.5	2	2	-	-
NA	C311.6	-	-	-	-	-	-	-	-	-	-	-	-	C311.6	-	-	-	-
Average	C311	1.50	1.50	1.40	-	-	-	1.20	-	-	-	-	1.00	Average	1.50	1.50	-	-
IN-DIRECT ATTAINMENT TO MAPPING SCALE																		
IN DIRECT ATTAINED	Program Outcomes													COs	PSO			
	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12		1	2	3	4
0	C311.1	0	0	0	-	-	-	-	-	-	-	-	0	C311.1	0	0	-	-
0	C311.2	0	0	-	-	-	-	-	-	-	-	-	0	C311.2	0	0	-	-
0	C311.3	0	0	-	-	-	-	-	-	-	-	-	0	C311.3	0	0	-	-
0	C311.4	0	0	0	-	-	-	0	-	-	-	-	0	C311.4	0	0	-	-
0	C311.5	0	0	0	-	-	-	-	-	-	-	-	0	C311.5	0	0	-	-
0	C311.6	0	0	0	-	-	-	-	-	-	-	-	0	C311.6	0	0	-	-
Average	C311	-	-	-	-	-	-	-	-	-	-	-	-	Average	-	-	-	-
FINAL ATTAINMENT 80% Direct + 20% INDIRECT																		
COs	Final = 80%Direct + 20% Indirect	Program Outcomes												COs	PSO			
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12		1	2	3	4
C311.1		1	1	1	-	-	-	-	-	-	-	-	1	C311.1	1	1	-	-
C311.2		-	-	-	-	-	-	-	-	-	-	-	-	C311.2	-	-	-	-
C311.3		0	0	-	-	-	-	-	-	-	-	-	0	C311.3	0	0	-	-
C311.4		1	1	1	-	-	-	1	-	-	-	-	1	C311.4	1	1	-	-
C311.5		1	1	1	-	-	-	-	-	-	-	-	1	C311.5	1	1	-	-
C311.6		-	-	-	-	-	-	-	-	-	-	-	-	C311.6	-	-	-	-
C311	Average	1	1	1	-	-	-	1	-	-	-	-	1	Average	1	1	-	-



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DEPARTMENT OF MECHANICAL ENGINEERING

NAME		Dr. Basavaraj Ganiger				SEM/SEC		6TH		ODD/EVEN				Year of study				2022-23					
COURSE		Heat Transfer				CODE		18ME63		EVEN				COURSE NAME				C311					
		MARKS FOR EACH IA QUESTION WISE Example: CO1 1st & 2nd Qn 1st IA								Assignment						TOTAL MARKS FOR EACH CO-Obtained and Maximum							
SI No	USN	NAME	1st IA		2nd IA		3rd IA		Assignment						TOTAL MARKS FOR EACH CO						Final IA	SEI	
			Q1 & Q2	Q3 & Q4	Q1& Q2	Q3 & Q4	Q1 & Q2	Q3& Q4	CO1	CO2	CO3	CO4	CO5		CO1	CO2	CO3	CO4	CO5				
MAXIMUM MARKS			15	15	15	15	15	15	10	10	10	10	10	25	40	25	25	25	40	60			
1	1SG20ME002	CHANDAN S	7		3	14	8	5	10	10	10	10	10	17	13	24	18	15	24	12			
2	1SG20ME003	DAIVIK KR			8	12	8	6	10	10	10	10	10	10	18	22	18	16	26	18			
3	1SG20ME004	G LIKHITH	7		10	12	13	12	10	10	10	10	10	17	20	22	23	22	34	27			
4	1SG20ME005	GAGAN CD			11	5	4	8	10	10	10	10	10	10	21	15	14	18	23	24			
5	1SG20ME006	GOWTHAM GOWDA	6		4	6	2	14	10	10	10	10	10	16	14	16	12	24	21	6			
6	1SG20ME007	HARSHITHKUMAR HV	7	5	11	11	15	13	10	10	10	10	10	17	26	21	25	23	31	22			
7	1SG20ME008	LAXMANSIDDAPPA	8	8	14	14	15	15	10	10	10	10	10	18	32	24	25	25	39	24			
8	1SG20ME009	MANJUNATHA KR	9		7	3	6	10	9	9	9	9	9	18	16	12	15	19	19	26			
9	1SG20ME010	MANOJ S	7		6	9	6	5	10	10	10	10	10	17	16	19	16	15	23	15			
10	1SG20ME011	NISHANTH LR	5		10		7	4	10	10	10	10	10	15	20	10	17	14	19	21			
11	1SG20ME012	PAVAN M	10	7	15	13	15	15	10	10	10	10	10	20	32	23	25	25	35	23			
12	1SG20ME013	PAVAN R	7	3	15	15	10	13	10	10	10	10	10	17	28	25	20	23	38	24			
13	1SG20ME014	R ARUNKUMAR	7		15	13	12	13	10	10	10	10	10	17	25	23	22	23	37	21			
14	1SG20ME015	RAKSHATH G	7	2	11	9	6	11	10	10	10	10	10	17	23	19	16	21	29	30			
15	1SG20ME016	RAMAN YADAV	7		11	12	15	11	10	10	10	10	10	17	21	22	25	21	36	11			
16	1SG20ME017	S RAJSHEKAR	12		11	14	15	10	10	10	10	10	10	22	21	24	25	20	31	21			
17	1SG20ME018	SAHIL SAMEER	7		3	4	8	11	10	10	10	10	10	17	13	14	18	21	21	5			
18	1SG20ME019	SAHIL SULAIMAN				3	3	2	10	10	10	10	10	10	10	13	13	12	19				
19	1SG20ME021	SHASHANK S	7		5		7		10	10	10	10	10	17	15	10	17	10	19	15			
20	1SG20ME022	SHASHANKA B	7	4	15	14	6	11	10	10	10	10	10	17	29	24	16	21	36	14			
21	1SG20ME023	SRUJAN MS	3	1	6		6	6	10	10	10	10	10	13	17	10	16	16	19	14			
22	1SG20ME024	VILOK R	12		6	9	6	4	10	10	10	10	10	22	16	19	16	14	28	21			
23	1SG20ME025	VISHWAS YADAV			1	3	6	4	10	10	10	10	10	10	11	13	16	14	19	21			
24	1SG20ME026	YATIN G RAO	11	6	13	13	11	15	10	10	10	10	10	21	29	23	21	25	33	36			
25	1SG21ME400	AMRUTH KUMAR M S	15	15	14	15	15	14	10	10	10	10	10	25	39	25	25	24	40	23			
26	1SG21ME401	ASHWIN R	7	8	15	3	8	9	10	10	10	10	10	17	33	13	18	19	29	21			
27	1SG21ME402	BHARATH KUMAR K N	7	8	15	12	7	12	10	10	10	10	10	17	33	22	17	22	31	21			
28	1SG21ME403	BHARATHKUMAR G			6		4	14	10	10	10	10	10	10	16	10	14	24	24	8			
29	1SG21ME404	CHETHAN S	7	6			7	12	10	10	10	10	10	17	16	10	17	22	26	24			
30	1SG21ME405	D.VENKATA PAVAN	7	6	10	4	3	12	10	10	10	10	10	17	26	14	13	22	24	12			
31	1SG21ME406	DHANANJAYA K M	7				9		10	10	10	10	10	17	10	10	19	10	16				
32	1SG21ME407	GURU RAJ	15	15	15	15	15	14	10	10	10	10	10	25	40	25	25	24	40	38			
33	1SG21ME408	JEEVAN K	6	8			6	13	10	10	10	10	10	16	18	10	16	23	21	24			
34	1SG21ME409	K ABHISHEK GOWDA	7	8	15	13	8	12	10	10	10	10	10	17	33	23	18	22	31	14			
35	1SG21ME410	KOWSHICK C GOWDA	4		10	10	2	8	10	10	10	10	10	14	20	20	12	18	28	21			
36	1SG21ME411	LAKSHMISH H	9		7	4	2	6	10	10	10	10	10	19	17	14	12	16	23	21			
37	1SG21ME412	LIKHITH M G	7		6	14	10	11	10	10	10	10	10	17	16	24	20	21	26	21			
38	1SG21ME413	MANOJ J	7	5	13	15	8	14	10	10	10	10	10	17	28	25	18	24	31	15			
39	1SG21ME414	MANOJ K C	12	9	14	15	9	14	10	10	10	10	10	22	33	25	19	24	35	21			
40	1SG21ME415	PRASANNA.B	8	8	15	13	4	14	10	10	10	10	10	18	33	23	14	24	31	12			
41	1SG21ME416	RAVISH GOWDA R	10		3	7	5	4	10	10	10	10	10	20	13	17	15	14	21	17			
42	1SG21ME417	SANJAY M S	4		3	12	12	11	10	10	10	10	10	14	13	22	22	21	28	14			
43	1SG21ME418	SM LAKSHMISHA	6		7	10	8	3	10	10	10	10	10	16	17	20	18	13	26	13			
44	1SG21ME419	VATSA R	12		12	11	10	14	10	10	10	10	10	22	22	21	20	24	34	27			
45	1SG21ME420	VISHNU PRASAD BN	8	4	13	11	9	15	10	10	10	10	10	18	27	21	19	25	35	15			
46	1SG21ME421	VIVEK D N	7	12	12	1	8	14	10	10	10	10	10	17	34	11	18	24	28	26			

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NAME	Dr. Basavaraj Ganiger		2022-23		6TH	
COURSE	Heat Transfer		EVEN		18ME63	
Assignment Types	Descriptive	Descriptive	Descriptive	Descriptive	Descriptive	Descriptive
	Quiz					
	Seminar					
	Puzzles					
	CaseStudy					
	Activity					

Sl. No.	USN	NAME	CO Wise Assignment Marks				
			CO1	CO2	CO3	CO4	CO5
Max Marks			10	10	10	10	10
1	1SG20ME002	CHANDAN S	10	10	10	10	10
2	1SG20ME003	DAIVIK KR	10	10	10	10	10
3	1SG20ME004	G LIKHITH	10	10	10	10	10
4	1SG20ME005	GAGAN CD	10	10	10	10	10
5	1SG20ME006	GOWTHAM GOWDA	10	10	10	10	10
6	1SG20ME007	HARSHITHKUMAR HV	10	10	10	10	10
7	1SG20ME008	LAXMANSIDDAPPA	10	10	10	10	10
8	1SG20ME009	MANJUNATHA KR	9	9	9	9	9
9	1SG20ME010	MANOJ S	10	10	10	10	10
10	1SG20ME011	NISHANTH LR	10	10	10	10	10
11	1SG20ME012	PAVAN M	10	10	10	10	10
12	1SG20ME013	PAVAN R	10	10	10	10	10
13	1SG20ME014	R ARUNKUMAR	10	10	10	10	10
14	1SG20ME015	RAKSHATH G	10	10	10	10	10
15	1SG20ME016	RAMAN YADAV	10	10	10	10	10
16	1SG20ME017	S RAJSHEKAR	10	10	10	10	10
17	1SG20ME018	SAHIL SAMEER	10	10	10	10	10
18	1SG20ME019	SAHIL SULAIMAN	10	10	10	10	10
19	1SG20ME021	SHASHANK S	10	10	10	10	10
20	1SG20ME022	SHASHANKA B	10	10	10	10	10
21	1SG20ME023	SRUJAN MS	10	10	10	10	10
22	1SG20ME024	VILOK R	10	10	10	10	10
23	1SG20ME025	VISHWAS YADAV	10	10	10	10	10
24	1SG20ME026	YATIN G RAO	10	10	10	10	10
25	1SG21ME400	AMRUTH KUMAR M S	10	10	10	10	10
26	1SG21ME401	ASHWIN R	10	10	10	10	10
27	1SG21ME402	BHARATH KUMAR K N	10	10	10	10	10
28	1SG21ME403	BHARATHKUMAR G	10	10	10	10	10
29	1SG21ME404	CHETHAN S	10	10	10	10	10
30	1SG21ME405	D.VENKATA PAVAN	10	10	10	10	10
31	1SG21ME406	DHANANJAYA K M	10	10	10	10	10
32	1SG21ME407	GURU RAJ	10	10	10	10	10
33	1SG21ME408	JEEVAN K	10	10	10	10	10
34	1SG21ME409	K ABHISHEK GOWDA	10	10	10	10	10
35	1SG21ME410	KOWSHICK C GOWDA	10	10	10	10	10
36	1SG21ME411	LAKSHMISH H	10	10	10	10	10
37	1SG21ME412	LIKHITH M G	10	10	10	10	10
38	1SG21ME413	MANOJ J	10	10	10	10	10
39	1SG21ME414	MANOJ K C	10	10	10	10	10
40	1SG21ME415	PRASANNA.B	10	10	10	10	10
41	1SG21ME416	RAVISH GOWDA R	10	10	10	10	10
42	1SG21ME417	SANJAY M S	10	10	10	10	10
43	1SG21ME418	SM LAKSHMISHA	10	10	10	10	10
44	1SG21ME419	VATSA R	10	10	10	10	10
45	1SG21ME420	VISHNU PRASAD BN	10	10	10	10	10
46	1SG21ME421	VIVEK D N	10	10	10	10	10

