



SRK INSTITUTE OF TECHNOLOGY, ENIKEPALLI, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF SCIENCE AND HUMANITIES

CO-PO Matrix for all Courses I-I

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
ENG	2.32	2.36	2.38	2.37	2.38					2.36					
M-I	1.42	1.42		1.41										1.42	
AC	1.78	1.77	1.78	1.78		1.77	1.77					1.78			
PPSC	1.87	1.87	1.87											1.87	
ED	1.88		1.88		1.89								1.89		1.89
ENGLAB	2.96					2.96	2.96		2.96						
ACLAB	2.75	2.75	2.75	2.75		2.77	2.78	2.72	2.72	2.72		2.72	2.76	2.76	
PPSCL	2.96	2.96				2.96		2.96	2.96				2.96		2.96
AVERAGE	2.24	2.19	2.13	2.08	2.14	2.62	2.5	2.84	2.88	2.54		2.25	2.54	2.02	2.43

2022-23 Admitted Batch Semester Wise Average Attainments

SEMESTER	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
I-I	2.24	2.19	2.13	2.08	2.14	2.62	2.5	2.84	2.88	2.54		2.25	2.54	2.02	2.43

Signature of HoD

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENKEPALLI, VIJAYAWADA-521108



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF SCIENCE AND HUMANITIES

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

YEAR-SEM: I-I		A.Y:2022-23						SUBJECT: ENGLISH									FACULTY NAME: VUSA YELLAMANDA												EXTERNAL MARKS					
S.NO.	ROLL NO.	Q1			Q2			MID-I Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE						ASSIGNMENT		
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L			
1	22X41A0401	5	50	1	6	60	2	10	100	3	11	55	2	5	100	3	10	100	3	10	100		3	30	0	18	90	3	5	100	3	56	80	3
2	22X41A0402	10	100	3	5	50	1	5	50	1	14	70	3	5	100	3	2	20	0	10	100	3	10	100	3	13	65	2	5	100	3	49	70	3
3	22X41A0403	5	50	1	6	60	2	10	100	3	11	55	2	5	100	3	10	100	3	10	100	3	1	10	0	8	40	1	5	100	3	49	70	3
4	22X41A0404	10	100	3	5	50	1	5	50	1	12	60	2	5	100	3	1	10	0	10	100	3	10	100	3	14	70	3	5	100	3	49	70	3
5	22X41A0405	5	50	1	5	50	1	10	100	3	14	70	3	5	100	3	10	100	3	10	100	3	2	20	0	12	60	2	5	100	3	56	80	3
6	22X41A0406	3	30	0	5	50	1	5	50	1	9	45	1	5	100	3	3	30	0	10	100	3	10	100	3	12	60	2	5	100	3	35	50	1
7	22X41A0407	5	50	1	7	70	3	10	100	3	13	65	2	5	100	3	10	100	3	10	100	3	2	20	0	14	70	3	5	100	3	42	60	2
8	22X41A0408	4	40	1	5	50	1	5	50	1	7	35	0	5	100	3	10	100	3	5	50	1	5	50	1	14	70	3	5	100	3	42	60	2
9	22X41A0409	10	100	3	10	100	3	7	70	3	10	50	1	5	100	3	10	100	3	10	100	3	4	40	1	10	50	1	5	100	3	56	80	3
10	22X41A0410	6	60	2	5	50	1	5	50	1	9	45	1	5	100	3	9	90	3	5	50	1	5	50	1	8	40	1	5	100	3	42	60	2
11	22X41A0411	10	100	3	10	100	3	6	60	2	17	85	3	5	100	3	10	100	3	10	100	3	5	50	1	18	90	3	5	100	3	49	70	3
12	22X41A0412	10	100	3	6	60	2	5	50	1	9	45	1	5	100	3	3	30	0	10	100	3	10	100	3	10	50	1	5	100	3	49	70	3
13	22X41A0413	5	50	1	5	50	1	8	80	3	11	55	2	5	100	3	10	100	3	10	100	3	2	20	0	13	65	2	5	100	3	56	80	3
14	22X41A0414	10	100	3	5	50	1	5	50	1	12	60	2	5	100	3	1	10	0	10	100	3	10	100	3	8	40	1	5	100	3	42	60	2
15	22X41A0415	5	50	1	5	50	1	8	80	3	14	70	3	5	100	3	5	50	1	5	50	1	9	90	3	8	40	1	5	100	3	42	60	2
16	22X41A0416	6	60	2	10	100	3	5	50	1	17	85	3	5	100	3	10	100	3	10	100	3	8	80	3	13	65	2	5	100	3	63	90	3
17	22X41A0417	5	50	1	5	50	1	6	60	2	14	70	3	5	100	3	10	100	3	10	100	3	4	40	1	12	60	2	5	100	3	56	80	3
18	22X41A0418	7	70	3	5	50	1	5	50	1	10	50	1	5	100	3	1	10	0	10	100	3	10	100	3	8	40	1	5	100	3	42	60	2
19	22X41A0419	5	50	1	5	50	1	7	70	3	10	50	1	5	100	3	10	100	3	10	100	3	2	20	0	14	70	3	5	100	3	42	60	2
20	22X41A0420	2	20	0	5	50	1	5	50	1	6	30	0	5	100	3	6	60	2	5	50	1	5	50	1	13	65	2	5	100	3	35	50	1
21	22X41A0421	5	50	1	5	50	1	2	20	0	9	45	1	5	100	3	5	50	1	5	50	1	6	60	2	16	80	3	5	100	3	42	60	2
22	22X41A0423	8	80	3	10	100	3	10	100	3	14	70	3	5	100	3	5	50	1	10	100	3	10	100	3	20	100	3	5	100	3	49	70	3
23	22X41A0424	5	50	1	5	50	1	3	30	0	9	45	1	5	100	3	5	50	1	5	50	1	5	50	1	19	95	3	5	100	3	35	50	1
24	22X41A0425	10	100	3	6	60	2	5	50	1	9	45	1	5	100	3	4	40	1	10	100	3	10	100	3	19	95	3	5	100	3	56	80	3
25	22X41A0426	5	50	1	5	50	1	6	60	2	12	60	2	5	100	3	10	100	3	10	100	3	1	10	0	13	65	2	5	100	3	42	60	2
26	22X41A0427	10	100	3	5	50	1	5	50	1	12	60	2	5	100	3	9	90	3	5	50	1	5	50	1	8	40	1	5	100	3	35	50	1
27	22X41A0428	5	50	1	7	70	3	10	100	3	14	70	3	5	100	3	10	100	3	10	100	3	3	30	0	8	40	1	5	100	3	49	70	3
28	22X41A0429	4	40	1	5	50	1	5	50	1	4	20	0	5	100	3	10	100	3	5	50	1	5	50	1	9	45	1	5	100	3	42	60	2
29	22X41A0430	5	50	1	5	50	1	9	90	3	9	45	1	5	100	3	10	100	3	10	100	3	1	10	0	10	50	1	5	100	3	42	60	2
30	22X41A0431	7	70	3	5	50	1	5	50	1	6	30	0	5	100	3	8	80	3	5	50	1	5	50	1	14	70	3	5	100	3	42	60	2
31	22X41A0432	5	50	1	5	50	1	2	20	0	10	50	1	5	100	3	10	100	3	10	100	3	1	10	0	12	60	2	5	100	3	42	60	2
32	22X41A0433	7	70	3	5	50	1	5	50	1	8	40	1	5	100	3	2	20	0	10	10	10	10	100	3	19	95	3	5	100	3	56	80	3
33	22X41A0434	5	50	1	5	50	1	10	100	3	14	70	3	5	100	3	10	100	3	10	100	3	3	30	0	13	65	2	5	100	3	49	70	3
34	22X41A0435	10	100	3	8	80	3	5	50	1	13	65	2	5	100	3	8	80	3	10	100	3	10	100	3	12	60	2	5	100	3	56	80	3

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521108

35	22X41A0436	5	50	1	9	90	3	10	100	3		0	0	5	100	3	#####			0	0		0	0	19	95	3	5	100	3	41	30	0	
36	22X41A0437	10	100	3	10	100	3	7	70	3		60	2	5	100	3	10	100	3	10	100		7	70	3	15	75	3	5	100	3	56	80	3
37	22X41A0438	10	100	3	10	100	3	5	50	1	12	60	2	5	100	3	7	70	3	10	100	3	10	100	3	12	60	2	5	100	3	49	70	3
38	22X41A0439	6	60	2	10	100	3	10	100	3	11	55	2	5	100	3	10	100	3	10	100	3	5	50	1	18	90	3	5	100	3	42	60	2
39	22X41A0440	5	50	1	5	50	1	3	30	0	15	75	3	5	100	3	7	70	3	10	100	3	10	100	3		0	0	5	100	3	56	80	3
40	22X41A0441	6	60	2	5	50	1	5	50	1	9	45	1	5	100	3		0	0		0	0		0	0	19	95	3	5	100	3	42	60	2
41	22X41A0442	5	50	1	5	50	1	7	70	3	14	70	3	5	100	3	10	100	3	10	100	3	6	60	2	18	90	3	5	100	3	49	70	3
42	22X41A0443	10	100	3	5	50	1	5	50	1	16	80	3	5	100	3	8	80	3	10	100	3	10	100	3	19	95	3	5	100	3	49	70	3
43	22X41A0444	5	50	1	6	60	2	10	100	3	9	45	1	5	100	3	10	100	3	10	100	3	5	50	1	17	85	3	5	100	3	56	80	3
44	22X41A0445	10	100	3	6	60	2	5	50	1	7	35	0	5	100	3	7	70	3	10	100	3	10	100	3	19	95	3	5	100	3	56	80	3
45	22X41A0446	10	100	3	10	100	3	7	70	3	11	55	2	5	100	3	10	100	3	10	100	3	4	40	1	18	90	3	5	100	3	49	70	3
46	22X41A0447	3	30	0	10	100	3	10	100	3	12	60	2	5	100	3	6	60	2	10	100	3	10	100	3	11	55	2	5	100	3	42	60	2
47	22X41A0448	5	50	1	5	50	1	3	30	0	12	60	2	5	100	3	5	50	1	5	50	1	10	100	3	11	55	2	5	100	3	42	60	2
48	22X41A0449	6	60	2	5	50	1	5	50	1	10	50	1	5	100	3		0	0		0	0		0	0	12	60	2	5	100	3		0	0
49	22X41A0450	5	50	1	5	50	1	10	100	3	11	55	2	5	100	3	6	60	2	10	100	3	10	100	3	11	55	2	5	100	3	49	70	3
50	22X41A0451	5	50	1	5	50	1	5	50	1	8	40	1	5	100	3	10	100	3	10	100	3	5	50	1	11	55	2	5	100	3	42	60	2
51	22X41A0452	10	100	3	10	100	3	5	50	1	8	40	1	5	100	3	8	80	3	10	100	3	10	100	3	19	95	3	5	100	3	56	80	3
52	22X41A0453	5	50	1	5	50	1	5	50	1	11	55	2	5	100	3	10	100	3	10	100	3	7	70	3	20	100	3	5	100	3	56	80	3
53	22X41A0454	5	50	1	5	50	1	9	90	3	12	60	2	5	100	3	3	30	0	10	100	3	10	100	3	16	80	3	5	100	3	49	70	3
54	22X41A0455	5	50	1	10	100	3	10	100	3	12	60	2	5	100	3	10	100	3	10	100	3	5	50	1	19	95	3	5	100	3	49	70	3
55	22X41A0456	5	50	1	5	50	1	10	100	3	12	60	2	5	100	3	7	70	3	10	100	3	10	100	3	18	90	3	5	100	3	63	90	3
56	22X41A0457	5	50	1	10	100	3	10	100	3	12	60	2	5	100	3	10	100	3	10	100	3	6	60	2	12	60	2	5	100	3	63	90	3
57	22X41A0458	5	50	1	5	50	1	7	70	3	9	45	1	5	100	3	4	40	1	10	100	3	10	100	3	19	95	3	5	100	3	42	60	2
58	22X41A0459	7	70	3	5	50	1	5	50	1	13	65	2	5	100	3	10	100	3	10	100	3	3	30	0	12	60	2	5	100	3	49	70	3
59	22X41A0460	10	100	3	10	100	3	6	60	2	14	70	3	5	100	3	4	40	1	10	100	3	10	100	3	14	70	3	5	100	3	63	90	3
60	22X41A0461	2	20	0	10	100	3	10	100	3	12	60	2	5	100	3	10	100	3	10	100	3	2	20	0	8	40	1	5	100	3	49	70	3
61	22X41A0462	5	50	1	5	50	1	7	70	3	10	50	1	5	100	3	7	70	3	10	100	3	10	100	3	16	80	3	5	100	3	56	80	3
62	22X41A0463	10	100	3	6	60	2	5	50	1	10	50	1	5	100	3	10	100	3	10	100	3	4	40	1	14	70	3	5	100	3	49	70	3
63	22X41A0464	10	100	3	10	100	3	4	40	1	11	55	2	5	100	3	5	50	1	10	100	3	10	100	3	12	60	2	5	100	3	56	80	3
64	22X41A0465	3	30	0	5	50	1	5	50	1	10	50	1	5	100	3	10	100	3	10	100	3	1	10	0	16	80	3	5	100	3	42	60	2
65	22X41A0466	5	50	1	5	50	1	8	80	3	11	55	2	5	100	3	6	60	2	10	100	3	10	100	3	10	50	1	5	100	3	49	70	3
66	22X41A0467	8	80	3	5	50	1	5	50	1	10	50	1	5	100	3	10	100	3	10	100	3	1	10	0	7	35	0	5	100	3	42	60	2
67	22X41A0468	5	50	1	5	50	1	10	100	3	13	65	2	5	100	3	3	30	0	10	100	3	10	100	3	8	40	1	5	100	3	42	60	2
68	22X41A0469	5	50	1	5	50	1	5	50	1	10	50	1	5	100	3	10	100	3	10	100	3	3	30	0	5	25	0	5	100	3	56	80	3
69	22X41A0470	5	50	1	5	50	1	8	80	3	12	60	2	5	100	3	5	50	1	10	100	3	10	100	3	10	50	1	5	100	3	42	60	2
70	22X41A0471	5	50	1	5	50	1	5	50	1	9	45	1	5	100	3	10	100	3	10	100	3	2	20	0	5	25	0	5	100	3	42	60	2
71	22X41A0472	10	100	3	10	100	3	2	20	0	11	55	2	5	100	3	7	70	3	10	100	3	10	100	3	16	80	3	5	100	3	49	70	3
72	22X41A0473	1	10	0	5	50	1	5	50	1	12	60	2	5	100	3	5	50	1	5	50	1	9	90	3	11	55	2	5	100	3	42	60	2
73	22X41A0474	10	100	3	10	100	3	5	50	1	10	50	1	5	100	3	2	20	0	10	100	3	10	100	3	9	45	1	5	100	3	56	80	3
74	22X41A0475	10	100	3	5	50	1	5	50	1	11	55	2	5	100	3	10	100	3	10	100	3	3	30	0	12	60	2	5	100	3	42	60	2
75	22X41A0476	5	50	1	5	50	1	5	50	1	8	40	1	5	100	3	3	30	0	10	100	3	10	100	3	9	45	1	5	100	3	42	60	2
76	22X41A0477	9	90	3	5	50	1	5	50	1	10	50	1	5	100	3	10	100	3	10	100	3	3	30	0	14	70	3	5	100	3	42	60	2
77	22X41A0478	5	50	1	5	50	1	7	70	3	12	60	2	5	100	3	1	10	0	10	100	3	10	100	3	3	15	0	5	100	3	42	60	2

SRM INSTITUTE OF TECHNOLOGY
 ENKERKOTTA, MYAWADA-521 108

78	22X41A0479	5	50	1	5	50	1	5	50	1	5	50	1	5	100	3	5	50	1	5	50	9	90	3	10	50	1	5	100	3	74	60	2	
79	22X41A0480	4	40	1	4	40	1	2	20	0	0	30	0	5	100	3	10	100	3	5	50	5	50	1	8	40	1	5	100	3	42	60	2	
80	22X41A0482	2	20	0	10	100	3	10	100	3	10	50	1	5	100	3	10	100	3	10	100	3	3	30	0	5	25	0	5	100	3	49	70	3
81	22X41A0483	5	50	1	5	50	1	7	70	3	9	45	1	5	100	3	8	80	3	5	50	1	5	50	1	12	60	2	5	100	3	42	60	2
82	22X41A0484	3	30	0	5	50	1	5	50	1	11	55	2	5	100	3	5	50	1	5	50	1	8	80	3	6	30	0	5	100	3	35	50	1
83	22X41A0485	10	100	3	10	100	3	4	40	1	8	40	1	5	100	3	5	50	1	10	100	3	10	100	3	11	55	2	5	100	3	62	88.5714	3
84	22X41A0486	3	30	0	5	50	1	5	50	1	8	40	1	5	100	3	5	50	1	5	50	1	10	100	3	10	50	1	5	100	3	35	50	1
85	22X41A0487	3	30	0	10	100	3	10	100	3	11	55	2	5	100	3	4	40	1	10	100	3	10	100	3	13	65	2	5	100	3	42	60	2
86	22X41A0488	5	50	1	5	50	1	3	30	0	4	20	0	5	100	3	5	50	1	5	50	1	10	100	3	16	80	3	5	100	3	42	60	2
87	22X41A0489	4	40	1	5	50	1	5	50	1	8	40	1	5	100	3	10	100	3	5	50	1	5	50	1	3	15	0	5	100	3	49	70	3
88	22X41A0490	10	100	3	10	100	3	2	20	0	8	40	1	5	100	3	10	100	3	10	100	3	2	30	0	12	60	2	5	100	3	49	70	3
89	22X41A0491	3	30	0	5	50	1	5	50	1	7	35	0	5	100	3	2	20	0	10	100	3	10	100	3	8	40	1	5	100	3	49	70	3
90	22X41A0492	5	50	1	5	50	1	8	80	3	11	55	2	5	100	3	5	50	1	5	50	1	10	100	3	0	0	5	100	3	49	70	3	
91	22X41A0493	6	60	2	5	50	1	5	50	1	9	45	1	5	100	3	10	100	3	5	50	1	5	50	1	12	60	2	5	100	3	35	50	1
92	22X41A0494	5	50	1	5	50	1	5	50	1	9	45	1	5	100	3	0	0	0	0	0	0	0	0	16	80	3	5	100	3	0	0	0	
93	22X41A0495	6	60	2	10	100	3	10	100	3	12	60	2	5	100	3	10	100	3	10	100	3	4	40	1	7	35	0	5	100	3	49	70	3
94	22X41A0496	10	100	3	10	100	3	7	70	3	10	50	1	5	100	3	1	10	0	10	100	3	10	100	3	8	40	1	5	100	3	56	80	3
95	22X41A0498	5	50	1	10	100	3	10	100	3	8	40	1	5	100	3	10	100	3	10	100	3	4	40	1	11	55	2	5	100	3	56	80	3
96	22X41A0499	5	50	1	5	50	1	4	40	1	9	45	1	5	100	3	7	70	3	5	50	1	5	50	1	10	50	1	5	100	3	21	30	0
97	22X41A04A0	6	60	2	5	50	1	5	50	1	9	45	1	5	100	3	5	50	1	5	50	1	10	100	3	2	10	0	5	100	3	42	60	2
98	22X41A04A1	5	50	1	5	50	1	9	90	3	6	30	0	5	100	3	9	90	3	5	50	1	5	50	1	8	40	1	5	100	3	49	70	3
99	22X41A04A2	4	40	1	5	50	1	5	50	1	9	45	1	5	100	3	5	50	1	5	50	1	5	50	1	10	50	1	5	100	3	49	70	3
100	22X41A04A3	5	50	1	5	50	1	9	90	3	8	40	1	5	100	3	10	100	3	5	50	1	5	50	1	10	50	1	5	100	3	49	70	3
101	22X41A04A4	6	60	2	10	100	3	10	100	3	8	40	1	5	100	3	5	50	1	5	50	1	10	100	3	11	55	2	5	100	3	42	60	2
102	22X41A04A5	5	50	1	5	50	1	10	100	3	11	55	2	5	100	3	5	50	1	10	100	3	10	100	3	8	40	1	5	100	3	56	80	3
103	22X41A04A6	6	60	2	5	50	1	5	50	1	9	45	1	5	100	3	10	100	3	10	100	3	3	30	0	10	50	1	5	100	3	56	80	3
104	22X41A04A7	5	50	1	5	50	1	1	10	0	7	35	0	5	100	3	3	30	0	10	100	3	10	100	3	10	50	1	5	100	3	42	60	2
105	22X41A04A8	4	40	1	10	100	3	10	100	3	12	60	2	5	100	3	10	100	3	10	100	3	4	40	1	10	50	1	5	100	3	42	60	2
106	22X41A04A9	10	100	3	10	100	3	1	10	0	5	25	0	5	100	3	4	40	1	10	100	3	10	100	3	5	25	0	5	100	3	42	60	2
AVERAGE		6.13	61.32	1.59	6.43	64.34	1.65	6.33	63.3	1.75	10.37	51.37	1.48	5	100	3	7.17	69.62	2.01	9.62	92.55	2.38	6.68	64.25	1.73	12.07	59.2	1.81	5	100	3	47.04	65.93	2.39
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			SIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			SIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)		
CO WISE SUM		1.59			1.65			1.75			1.48			3			2.01			2.38			1.73			1.81			3			2.39		

JK SKW

[Signature]



CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	1.59	1.48	3	2.39	2.21	92.46	2.77	2.32	65	77.33
CO2	1.65	1.48	3	2.39	2.22	89.36	2.68	2.31	65	77.00
CO3	1.88	1.48	3	2.39	2.25	96.35	2.89	2.38	65	79.33
CO4	2.38	1.81	3	2.39	2.36	88.56	2.66	2.42	65	80.67
CO5	1.73	1.81	3	2.39	2.26	95.32	2.86	2.38	65	79.33

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject ENG

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	2	2								2						2.32
CO2		2	1	1						3						2.31
CO3		2	2	1	3					2						2.38
CO4		2	2	1						3						2.42
CO5			1		2					3						2.38

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
4.64	18.86	14.29	7.11	11.9					30.73					
2.32	2.36	2.38	2.37	2.38					2.36					

[Handwritten signature]

[Handwritten signature]

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF SCIENCE AND HUMANITIES

CALCULATION OF LEVEL OF ATTAINMENT FOR COs, POs and PSOs

YEAR-SEM: I-I		A.Y:2022-23												SUBJECT: MATHEMATICS-I												FACULTY NAME: B.V.RAMAKRISHNARAO, S.SUMAN												EXTERNAL MARKS		
S.NO.	ROLL NO.	Q1			Q2			MID-I Q3			ONLINE			ASSIGNMENT			MID EXAM - II Q1			Q2			Q3			ONLINE			ASSIGNMENT											
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L									
1	22X41A0401	6	60	2	4	40	1	8	80	3	3	15	0	5	100	3	5	50	1	7	70	3	8	80	3	8	40	1	5	100	3	35	50	1						
2	22X41A0402	4	40	1		0	0	5	50	1	5	25	0	5	100	3	5	50	1	5	50	1	5	50	1	5	25	0	5	100	3	21	30	0						
3	22X41A0403	10	100	3	2	20	0	3	30	0	11	55	2	5	100	3	1	10	0	2	20	0	2	20	0	2	10	0	5	100	3	21	30	0						
4	22X41A0404	5	50	1	10	100	3	9	90	3	3	15	0	5	100	3	3	30	0		0	0	4	40	1	4	20	0	5	100	3	21	30	0						
5	22X41A0405		0	0		0	0	7	70	3	8	40	1	5	100	3	3	50	1	5	50	1	1	10	0	1	5	0	5	100	3	21	30	0						
6	22X41A0406	5	50	1		0	0	8	80	3	5	25	0	5	100	3		0	0	2	20	0	5	50	1	5	25	0	5	100	3	21	30	0						
7	22X41A0407	10	100	3	8	80	3	9	90	3	10	50	1	5	100	3	4	40	1	5	50	1	5	50	1	5	25	0	5	100	3	21	30	0						
8	22X41A0408	5	50	1	5	50	1		0	0	7	35	0	5	100	3	10	100	3		0	0	5	50	1	5	25	0	5	100	3	49	70	3						
9	22X41A0409	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	2	20	0	5	50	1	10	100	3	10	50	1	5	100	3	49	70	3						
10	22X41A0410	10	100	3	8	80	3	9	90	3	7	35	0	5	100	3		0	0	5	50	1	7	70	3	7	35	0	5	100	3	21	30	0						
11	22X41A0411	10	100	3	6	60	2	10	100	3	12	60	2	5	100	3	4	40	1	10	100	3	6	60	2	6	30	0	5	100	3	42	60	2						
12	22X41A0412	9	90	3	10	100	3	8	80	3	8	40	1	5	100	3	2	20	0	5	50	1	4	40	1	4	20	0	5	100	3	42	60	2						
13	22X41A0413	5	50	1	6	60	2	3	30	0	8	40	1	5	100	3	2	20	0	3	30	0	2	20	0	2	10	0	5	100	3	21	30	0						
14	22X41A0414	5	50	1	8	80	3	2	20	0	6	30	0	5	100	3		0	0	2	20	0	1	10	0	1	5	0	5	100	3	21	30	0						
15	22X41A0415	10	100	3	10	100	3	9	90	3	11	55	2	5	100	3	6	60	2	5	50	1	7	70	3	7	35	0	5	100	3	56	80	3						
16	22X41A0416	10	100	3	10	100	3	10	100	3	17	85	3	5	100	3	7	70	3	7	70	3	6	60	2	6	30	0	5	100	3	70	100	3						
17	22X41A0417	10	100	3	8	80	3	3	30	0	5	25	0	5	100	3		0	0	7	70	3	3	30	0	3	15	0	5	100	3	21	30	0						
18	22X41A0418	10	100	3	9	90	3	3	30	0	7	35	0	5	100	3	2	20	0	4	40	1		0	0		0	0	5	100	3	35	50	1						
19	22X41A0419	7	70	3	10	100	3	1	10	0	3	15	0	5	100	3	5	50	1	2	20	0		0	0		0	0	5	100	3	21	30	0						
20	22X41A0420	5	50	1	5	50	1	7	70	3	9	45	1	5	100	3	2	20	0	7	70	3	8	80	3	8	40	1	5	100	3	21	30	0						
21	22X41A0421	5	50	1	4	40	1	6	60	2	4	20	0	5	100	3	4	40	1	4	40	1	5	50	1	5	25	0	5	100	3	21	30	0						
22	22X41A0423	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	56	80	3						
23	22X41A0424	5	50	1	1	10	0	5	50	1	8	40	1	5	100	3	5	50	1	5	50	1	5	50	1	5	25	0	5	100	3	21	30	0						
24	22X41A0425	10	100	3	10	100	3	10	100	3	7	35	0	5	100	3	3	30	0	2	20	0	2	20	0	2	10	0	5	100	3	35	50	1						
25	22X41A0426	5	50	1		0	0	10	100	3	7	35	0	5	100	3	2	20	0	2	20	0		0	0		0	0	5	100	3	21	30	0						
26	22X41A0427	5	50	1		0	0	8	80	3	7	35	0	5	100	3		0	0		0	0	10	100	3	10	50	1	5	100	3	21	30	0						
27	22X41A0428		0	0	4	40	1	3	30	0	5	25	0	5	100	3	1	10	0	2	20	0	4	40	1	4	20	0	5	100	3	21	30	0						
28	22X41A0429	7	70	3	1	10	0	5	50	1	7	35	0	5	100	3	3	30	0	6	60	2		0	0		0	0	5	100	3	21	30	0						
29	22X41A0430	5	50	1	7	70	3	5	50	1	8	40	1	5	100	3	2	20	0	2	20	0		0	0		0	0	5	100	3	21	30	0						
30	22X41A0431	10	100	3	1	10	0		0	0	5	25	0	5	100	3	5	50	1	5	50	1	5	50	1	5	25	0	5	100	3	35	50	1						
31	22X41A0432	6	60	2	4	40	1	2	20	0	9	45	1	5	100	3	2	20	0	2	20	0	3	30	0	3	15	0	5	100	3	42	60	2						
32	22X41A0433	10	100	3	6	60	2	2	20	0	10	50	1	5	100	3	3	30	0	3	30	0		0	0		0	0	5	100	3	42	60	2						
33	22X41A0434	10	100	3	9	90	3	10	100	3	9	45	1	5	100	3	1	10	0	2	20	0	2	20	0	2	10	0	5	100	3	21	30	0						
34	22X41A0435	10	100	3	5	50	1		0	0	6	30	0	5	100	3		0	0		0	0	6	60	2	6	30	0	5	100	3	21	30	0						

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA -521108

35	22X41A0436		0	0	0	0		0	0		0	0	5	100	3		0	0		0		0	0	5	100	3	21	30	0					
36	22X41A0437	10	100	3	10	100	3	9	90	3	7	35	0	5	100	3	5	50	1	10	100	3	10	100	3	10	50	1	5	100	3	70	100	3
37	22X41A0438	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	6	60	2	10	100	3	7	70	3	7	35	0	5	100	3	21	30	0
38	22X41A0439	5	50	1	5	50	1	5	50	1	9	45	1	5	100	3	3	30	0		0	0		0	0		0	0	5	100	3	35	50	1
39	22X41A0440	10	100	3	10	100	3	10	100	3	7	35	0	5	100	3	5	50	1	10	100	3	10	100	3	10	50	1	5	100	3	56	80	3
40	22X41A0441	8	80	3		0	0	2	20	0	7	35	0	5	100	3		0	0		0	0		0	0		0	0	5	100	3	21	30	0
41	22X41A0442	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	7	70	3	7	70	3	10	100	3	10	50	1	5	100	3	42	60	2
42	22X41A0443	10	100	3	10	100	3	5	50	1	14	70	3	5	100	3	2	20	0	2	20	0	10	100	3	10	50	1	5	100	3	49	70	3
43	22X41A0444	10	100	3	10	100	3	10	100	3	8	40	1	5	100	3	5	50	1	3	30	0	7	70	3	7	35	0	5	100	3	49	70	3
44	22X41A0445	9	90	3	5	50	1	7	70	3	6	30	0	5	100	3	2	20	0	1	10	0	1	10	0	1	5	0	5	100	3	35	50	1
45	22X41A0446	10	100	3	10	100	3	10	100	3	15	75	3	5	100	3	9	90	3	10	100	3	10	100	3	10	50	1	5	100	3	49	70	3
46	22X41A0447	10	100	3	10	100	3	10	100	3	8	40	1	5	100	3	1	10	0	8	80	3	10	100	3	10	50	1	5	100	3	56	80	3
47	22X41A0448	9	90	3	10	100	3	9	90	3	6	30	0	5	100	3	2	20	0		0	0	6	60	2	6	30	0	5	100	3	21	30	0
48	22X41A0449	9	90	3	5	50	1	2	20	0	6	30	0	5	100	3		0	0		0	0		0	0		0	0	5	100	3		0	0
49	22X41A0450	10	100	3	5	50	1	10	100	3	9	45	1	5	100	3		0	0	5	50	1	10	100	3	10	50	1	5	100	3	21	30	0
50	22X41A0451	8	80	3	2	20	0	6	60	2	4	20	0	5	100	3	3	30	0	2	20	0	4	40	1	4	20	0	5	100	3	21	30	0
51	22X41A0452	10	100	3	10	100	3	10	100	3	8	40	1	5	100	3	5	50	1		0	0	10	100	3	10	50	1	5	100	3	21	30	0
52	22X41A0453	10	100	3	6	60	2	5	50	1	5	25	0	5	100	3	2	20	0	7	70	3	7	70	3	7	35	0	5	100	3	35	50	1
53	22X41A0454	10	100	3	8	80	3	4	40	1	14	70	3	5	100	3		0	0		0	0		0	0		0	0	5	100	3	21	30	0
54	22X41A0455	10	100	3	3	30	0	2	20	0	5	25	0	5	100	3	5	50	1	5	50	1	10	100	3	10	50	1	5	100	3	56	80	3
55	22X41A0456	10	100	3	10	100	3	7	70	3	9	45	1	5	100	3		0	0	3	30	0	6	60	2	6	30	0	5	100	3	35	50	1
56	22X41A0457	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	49	70	3
57	22X41A0458	10	100	3	10	100	3	3	30	0	7	35	0	5	100	3		0	0	5	50	1	10	100	3	10	50	1	5	100	3	21	30	0
58	22X41A0459	10	100	3	10	100	3	8	80	3	8	40	1	5	100	3	5	50	1	8	80	3	8	80	3	8	40	1	5	100	3	49	70	3
59	22X41A0460	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	3	30	0	10	100	3	8	80	3	8	40	1	5	100	3	49	70	3
60	22X41A0461	5	50	1		0	0	10	100	3	8	40	1	5	100	3	1	10	0	2	20	0	8	80	3	8	40	1	5	100	3	35	50	1
61	22X41A0462	10	100	3	9	90	3	6	60	2	7	35	0	5	100	3		0	0	10	100	3	10	100	3	10	50	1	5	100	3	42	60	2
62	22X41A0463	9	90	3	3	30	0	5	50	1	10	50	1	5	100	3	2	20	0	1	10	0		0	0		0	0	5	100	3	21	30	0
63	22X41A0464	10	100	3	10	100	3	10	100	3	8	40	1	5	100	3		0	0	4	40	1	3	30	0	3	15	0	5	100	3	21	30	0
64	22X41A0465	5	50	1	10	100	3	4	40	1	7	35	0	5	100	3		0	0	1	10	0	4	40	1	4	20	0	5	100	3	21	30	0
65	22X41A0466	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	7	70	3		0	0	4	40	1	4	20	0	5	100	3	21	30	0
66	22X41A0467	10	100	3	10	100	3	9	90	3	5	25	0	5	100	3	6	60	2	2	20	0	9	90	3	9	45	1	5	100	3	48	70	3
67	22X41A0468	3	30	0	10	100	3	9	90	3	9	45	1	5	100	3		0	0	5	50	1	7	70	3	7	35	0	5	100	3	35	50	1
68	22X41A0469	9	90	3	10	100	3	9	90	3	2	10	0	5	100	3	6	60	2	9	90	3	7	70	3	7	35	0	5	100	3	21	30	0
69	22X41A0470	10	100	3	10	100	3	10	100	3	6	30	0	5	100	3	8	80	3	9	90	3	10	100	3	10	50	1	5	100	3	35	50	1
70	22X41A0471	5	50	1	4	40	1	4	40	1	9	45	1	5	100	3		0	0	4	40	1	2	20	0	2	10	0	5	100	3	21	30	0
71	22X41A0472	10	100	3	10	100	3	10	100	3	8	40	1	5	100	3	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	42	60	2
72	22X41A0473	6	60	2		0	0		0	0	8	40	1	5	100	3	1	10	0	1	10	0	5	50	1	5	25	0	5	100	3	21	30	0
73	22X41A0474	5	50	1	6	60	2	9	90	3	9	45	1	5	100	3	9	90	3	5	50	1	10	100	3	10	50	1	5	100	3	21	30	0
74	22X41A0475	10	100	3	10	100	3	3	30	0	12	60	2	5	100	3	8	80	3	7	70	3	2	20	0	2	10	0	5	100	3	42	60	2
75	22X41A0476	6	60	2	4	40	1	8	80	3	8	40	1	5	100	3		0	0	4	40	1	10	100	3	10	50	1	5	100	3	21	30	0
76	22X41A0477	10	100	3	10	100	3	10	100	3	3	15	0	5	100	3	9	90	3	9	90	3	10	100	3	10	50	1	5	100	3	49	70	3
77	22X41A0478	7	70	3	7	70	3	9	90	3	8	40	1	5	100	3	7	70	3	6	60	2	5	50	1	5	25	0	5	100	3	21	30	0

PRINCIPAL
 SSX INSTITUTE OF TECHNOLOGY
 RAIPUR, JHARKHAND
 RAIPUR, JHARKHAND-821 108

78	22X41A0479	10	100	3	10	100	3	9	90	3	10	50	1	5	100	3	3	30	0	5	50	1	10	100	3	10	50	1	5	100	3	49	70	3
79	22X41A0480	2	20	0	4	40	1	9	90	3	7	35	0	5	100	3		0	0	5	50	1	10	100	3	10	50	1	5	100	3	21	30	0
80	22X41A0482	10	100	3	6	60	2	10	100	3	5	25	0	5	100	3	8	80	3	8	80	3	5	50	1	5	25	0	5	100	3	42	60	2
81	22X41A0483	2	20	0	7	70	3	8	80	3	7	35	0	5	100	3	6	60	2	3	30	0	4	40	1	4	20	0	5	100	3	42	60	2
82	22X41A0484		0	0	5	50	1	8	80	3	9	45	1	5	100	3	1	10	0		0	0	4	40	1	4	20	0	5	100	3	21	30	0
83	22X41A0485		0	0	5	50	1	6	60	2	4	20	0	5	100	3	4	40	1	5	50	1	8	80	3	8	40	1	5	100	3	21	30	0
84	22X41A0486	5	50	1	5	50	1	4	40	1	3	15	0	5	100	3	9	90	3		0	0	10	100	3	10	50	1	5	100	3	21	30	0
85	22X41A0487	10	100	3	6	60	2	8	80	3	6	30	0	5	100	3	2	20	0	9	90	3	8	80	3	8	40	1	5	100	3	42	60	2
86	22X41A0488	9	90	3	9	90	3	9	90	3	5	25	0	5	100	3	2	20	0		0	0	10	100	3	10	50	1	5	100	3	21	30	0
87	22X41A0489	3	30	0	6	60	2	1	10	0	6	30	0	5	100	3	4	40	1		0	0	9	90	3	9	45	1	5	100	3	21	30	0
88	22X41A0490	6	60	2	10	100	3	4	40	1	4	20	0	5	100	3	5	50	1	1	10	0		0	0		0	0	5	100	3	21	30	0
89	22X41A0491	2	20	0		0	0	2	20	0	9	45	1	5	100	3	3	30	0	7	70	3	10	100	3	10	50	1	5	100	3	21	30	0
90	22X41A0492	10	100	3		0	0	9	90	3	2	10	0	5	100	3	4	40	1	5	50	1	5	50	1	5	25	0	5	100	3	21	30	0
91	22X41A0493	5	50	1	4	40	1	8	80	3		0	0	5	100	3	9	90	3	9	90	3	10	100	3	10	50	1	5	100	3	21	30	0
92	22X41A0494	5	50	1	5	50	1		0	0	8	40	1	5	100	3		0	0		0	0		0	0		0	0	5	100	3		0	0
93	22X41A0495	10	100	3	10	100	3	9	90	3	11	55	2	5	100	3	9	90	3	7	70	3	10	100	3	10	50	1	5	100	3	49	70	3
94	22X41A0496	10	100	3	8	80	3	7	70	3	7	35	0	5	100	3	1	10	0	9	90	3	10	100	3	10	50	1	5	100	3	21	30	0
95	22X41A0498	10	100	3	10	100	3	10	100	3	7	35	0	5	100	3	10	100	3	9	90	3	10	100	3	10	50	1	5	100	3	63	90	3
96	22X41A0499	10	100	3	10	100	3	6	60	2	4	20	0	5	100	3	4	40	1		0	0	2	20	0	2	10	0	5	100	3	21	30	0
97	22X41A04A0	5	50	1	5	50	1	9	90	3	4	20	0	5	100	3	4	40	1	8	80	3	10	100	3	10	50	1	5	100	3	35	50	1
98	22X41A04A1	2	20	0	10	100	3	7	70	3	6	30	0	5	100	3	4	40	1	4	40	1	7	70	3	7	35	0	5	100	3	21	30	0
99	22X41A04A2		0	0	2	20	0	2	20	0	4	20	0	5	100	3		0	0	5	50	1	10	100	3	10	50	1	5	100	3	21	30	0
100	22X41A04A3	5	50	1	3	30	0	3	30	0	6	30	0	5	100	3	9	90	3	5	50	1	10	100	3	10	50	1	5	100	3	35	50	1
101	22X41A04A4	10	100	3	8	80	3	10	100	3	7	35	0	5	100	3	8	80	3		0	0	10	100	3	10	50	1	5	100	3	21	30	0
102	22X41A04A5	1	10	0	7	70	3	7	70	3	8	40	1	5	100	3	5	50	1	7	70	3	10	100	3	10	50	1	5	100	3	21	30	0
103	22X41A04A6	4	40	1		0	0	2	20	0	4	20	0	5	100	3	5	50	1	4	40	1	10	100	3	10	50	1	5	100	3	21	30	0
104	22X41A04A7	4	40	1	4	40	1	6	60	2	5	25	0	5	100	3		0	0		0	0	10	100	3	10	50	1	5	100	3	21	30	0
105	22X41A04A8	9	90	3	10	100	3	10	100	3	7	35	0	5	100	3	5	50	1	10	100	3	10	100	3	10	50	1	5	100	3	42	60	2
106	22X41A04A9	5	50	1	10	100	3	8	80	3	5	25	0	5	100	3		0	0	7	70	3	5	50	1	5	25	0	5	100	3	35	50	1
AVERAGE		7.76	73.21	2.11	7.36	65.28	1.93	7	66.04	1.99	7.37	36.13	0.59	5	100	3	4.68	36.23	0.9	5.47	44.34	1.23	7.04	61.13	1.81	7.04	30.57	0.43	5	100	3	31.57	44.25	0.92
COURSE OUTCOMES CO WISE SUM			2.11		1.93		1.99		CO3		ONLINE (CO1-CO3)		SIGNMENT (CO1-CO3)		CO3					CO4		CO5		ONLINE (CO3-CO5)		SIGNMENT (CO3-CO5)		EXTERNAL (CO1-CO5)						

B. Suman

SRK INSTITUTE OF TECHNOLOGY
ENIKERAPU, VIJAYAWADA-521 108



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108
 Approved by AICTE, Affiliated to JNTUK, Kakinada
 ISO 9001:2015 Certified Institution
 Accredited with NAAC 'A' grade
DEPARTMENT OF SCIENCE AND HUMANITIES

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	2.11	0.59	3	0.92	1.17	93.16	2.79	1.49	65	49.67
CO2	1.93	0.59	3	0.92	1.14	89.62	2.69	1.45	65	48.33
CO3	1.44	0.51	3	0.92	1.06	91.11	2.73	1.39	65	46.33
CO4	1.23	0.43	3	0.92	1.02	89.62	2.69	1.35	65	45.00
CO5	1.81	0.43	3	0.92	1.11	85.54	2.57	1.4	65	46.67

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject MI

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	3	3														1.49
CO2	3	3		1										1		1.45
CO3	3	3		1										1		1.39
CO4	3	3														1.35
CO5	3	3		1												1.4

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
21.24	21.24		4.25										2.84	
1.42	1.42		1.41										1.42	

S. Suman
Kumar

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521108



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VILAVAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Karnataka

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF SCIENCE AND HUMANITIES

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSO's

YEAR-SEM: I-I		A.Y:2022-23						SUBJECT: APPLIED CHEMISTRY									FACULTY NAME: Dr.B.SOWJANYA									EXTERNAL MARKS								
S.NO.	ROLL NO.	Q1			Q2			MID-I Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3						ONLINE			ASSIGNMENT		
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L			
1	22X41A0401	6	60	2	4	40	1	5	50	1	4	20	0	5	100	3	9	90	3	8	80	3	8	80	3	11	55	2	5	100	3	35	50	1
2	22X41A0402	8	80	3	5	50	1	5	50	1	11	55	2	5	100	3	6	60	2	10	100	3	6	60	2	6	30	0	5	100	3	42	60	2
3	22X41A0403	9	90	3	7	70	3	4	40	1	8	40	1	5	100	3	0	0	9	90	3	8	80	3	6	30	0	5	100	3	49	70	3	
4	22X41A0404	10	100	3	4	40	1	9	90	3	12	60	2	5	100	3	10	100	3	8	80	3	7	70	3	9	45	1	5	100	3	35	50	1
5	22X41A0405	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	10	100	3	5	50	1	4	40	1	8	40	1	5	100	3	21	30	0
6	22X41A0406	2	20	0	3	30	0	4	40	1	8	40	1	5	100	3	10	100	3	5	50	1	8	80	3	10	50	1	5	100	3	42	60	2
7	22X41A0407	0	0	5	50	1	8	80	3	8	40	1	5	100	3	9	90	3	9	90	3	6	60	2	7	35	0	5	100	3	42	60	2	
8	22X41A0408	5	50	1	5	50	1	5	50	1	3	15	0	5	100	3	5	50	1	7	70	3	6	60	2	9	45	1	5	100	3	35	50	1
9	22X41A0409	10	100	3	5	50	1	10	100	3	12	60	2	5	100	3	10	100	3	10	100	3	8	80	3	10	50	1	5	100	3	49	70	3
10	22X41A0410	10	100	3	7	70	3	7	70	3	9	45	1	5	100	3	10	100	3	3	30	0	8	80	3	8	40	1	5	100	3	35	50	1
11	22X41A0411	10	100	3	7	70	3	10	100	3	6	30	0	5	100	3	10	100	3	10	100	3	10	100	3	17	85	3	5	100	3	56	80	3
12	22X41A0412	10	100	3	7	70	3	10	100	3	9	45	1	5	100	3	9	90	3	9	90	3	6	60	2	12	60	2	5	100	3	42	60	2
13	22X41A0413	10	100	3	5	50	1	6	60	2	6	30	0	5	100	3	10	100	3	7	70	3	6	60	2	10	50	1	5	100	3	35	50	1
14	22X41A0414	5	50	1	5	50	1	5	50	1	18	90	3	5	100	3	10	100	3	0	0	6	60	2	11	55	2	5	100	3	35	50	1	
15	22X41A0415	10	100	3	8	80	3	6	60	2	13	65	2	5	100	3	9	90	3	10	100	3	9	90	3	13	65	2	5	100	3	56	80	3
16	22X41A0416	10	100	3	10	100	3	10	100	3	19	95	3	5	100	3	10	100	3	10	100	3	9	90	3	16	80	3	5	100	3	63	90	3
17	22X41A0417	10	100	3	10	100	3	4	40	1	9	45	1	5	100	3	10	100	3	10	100	3	5	50	1	18	90	3	5	100	3	21	30	0
18	22X41A0418	8	80	3	10	100	3	5	50	1	3	15	0	5	100	3	10	100	3	8	80	3	9	90	3	11	55	2	5	100	3	42	60	2
19	22X41A0419	10	100	3	3	30	0	9	90	3	8	40	1	5	100	3	5	50	1	10	100	3	9	90	3	5	25	0	5	100	3	42	60	2
20	22X41A0420	6	60	2	2	20	0	5	50	1	17	85	3	5	100	3	5	50	1	5	50	1	7	70	3	8	40	1	5	100	3	35	50	1
21	22X41A0421	2	20	0	3	30	0	10	100	3	5	25	0	5	100	3	10	100	3	5	50	1	6	60	2	14	70	3	5	100	3	21	30	0
22	22X41A0423	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	10	100	3	10	100	3	10	100	3	18	90	3	5	100	3	56	80	3
23	22X41A0424	6	60	2	0	0	0	0	0	10	50	1	5	100	3	8	80	3	3	30	0	4	40	1	13	65	2	5	100	3	21	30	0	
24	22X41A0425	10	100	3	6	60	2	10	100	3	13	65	2	5	100	3	9	90	3	5	50	1	7	70	3	17	85	3	5	100	3	49	70	3
25	22X41A0426	1	10	0	2	20	0	10	100	3	5	25	0	5	100	3	9	90	3	4	40	1	0	0	9	45	1	5	100	3	21	30	0	
26	22X41A0427	10	100	3	9	90	3	5	50	1	3	15	0	5	100	3	9	90	3	3	30	0	7	70	3	6	30	0	5	100	3	21	30	0
27	22X41A0428	6	60	2	5	50	1	4	40	1	6	30	0	5	100	3	3	30	0	2	20	0	4	40	1	7	35	0	5	100	3	21	30	0
28	22X41A0429	4	40	1	5	50	1	5	50	1	7	35	0	5	100	3	9	90	3	10	100	3	8	80	3	10	50	1	5	100	3	42	60	2
29	22X41A0430	10	100	3	7	70	3	5	50	1	4	20	0	5	100	3	7	70	3	9	90	3	4	40	1	12	60	2	5	100	3	21	30	0
30	22X41A0431	10	100	3	5	50	1	0	0	6	30	0	5	100	3	10	100	3	5	50	1	7	70	3	7	35	0	5	100	3	49	70	3	
31	22X41A0432	5	50	1	9	90	3	5	50	1	10	50	1	5	100	3	9	90	3	4	40	1	4	40	1	10	50	1	5	100	3	35	50	1
32	22X41A0433	10	100	3	10	100	3	2	20	0	5	25	0	5	100	3	10	100	3	6	60	2	10	100	3	15	75	3	5	100	3	5	100	3
33	22X41A0434	10	100	3	10	100	3	9	90	3	8	40	1	5	100	3	9	90	3	5	50	1	8	80	3	12	60	2	5	100	3	49	70	3
34	22X41A0435	9	90	3	0	0	0	0	0	10	50	1	5	100	3	4	40	1	6	60	2	5	50	1	6	30	0	5	100	3	35	50	1	

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VILAVAWADA -521108
PRINCIPAL

35	22X41A0436		0	0		0		0	0		0	0	5	100	3		0	0		0	0		0	0	5	100	3	21	30	0							
36	22X41A0437	9	90	3	5	50	1	10	100	3		25	0	5	100	3	10	100	3	10	100		10	100	3	13	65	2	5	100	3	56	80	3			
37	22X41A0438	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	10	100	3	9	90	3	10	100	3	16	80	3	5	100	3	42	60	2			
38	22X41A0439	5	50	1	5	50	1	4	40	1	11	55	2	5	100	3	10	100	3	10	100	3	6	60	2	13	65	2	5	100	3	42	60	2			
39	22X41A0440	10	100	3	10	100	3	10	100	3	7	35	0	5	100	3	10	100	3	10	100	3	10	100	3	19	95	3	5	100	3	63	90	3			
40	22X41A0441	10	100	3	4	40	1		0	0	7	35	0	5	100	3		0	0		0	0		0	0		0	0	5	100	3	35	50	1			
41	22X41A0442	10	100	3	10	100	3	10	100	3	7	35	0	5	100	3	10	100	3	10	100	3	8	80	3	13	65	2	5	100	3	21	30	0			
42	22X41A0443	10	100	3	5	50	1	8	80	3	7	35	0	5	100	3	10	100	3	5	50	1	10	100	3	10	50	1	5	100	3	42	60	2			
43	22X41A0444	10	100	3	10	100	3	10	100	3	8	40	1	5	100	3	9	90	3	5	50	1		0	0	13	65	2	5	100	3	49	70	3			
44	22X41A0445	8	80	3	5	50	1	5	50	1	9	45	1	5	100	3	10	100	3	10	100	3	6	60	2	8	40	1	5	100	3	42	60	2			
45	22X41A0446	10	100	3	10	100	3	10	100	3	19	95	3	5	100	3	10	100	3	10	100	3	9	90	3	19	95	3	5	100	3	42	60	2			
46	22X41A0447	10	100	3	10	100	3	10	100	3	13	65	2	5	100	3	9	90	3	7	70	3	8	80	3	10	50	1	5	100	3	56	80	3			
47	22X41A0448	10	100	3	10	100	3	6	60	2	9	45	1	5	100	3	8	80	3	4	40	1	6	60	2	7	35	0	5	100	3	42	60	2			
48	22X41A0449	5	50	1	5	50	1	5	50	1	6	30	0	5	100	3		0	0		0	0		0	0		0	0	5	100	3		0	0			
49	22X41A0450		0	0	8	80	3	9	90	3	5	25	0	5	100	3	6	60	2	10	100	3	8	80	3	9	45	1	5	100	3	21	30	0			
50	22X41A0451	10	100	3	1	10	0	5	50	1	7	35	0	5	100	3	5	50	1	5	50	1	9	90	3	8	40	1	5	100	3	21	30	0			
51	22X41A0452	10	100	3	9	90	3	9	90	3	10	50	1	5	100	3	9	90	3	8	80	3	8	80	3	10	50	1	5	100	3	42	60	2			
52	22X41A0453	9	90	3	6	60	2	4	40	1	5	25	0	5	100	3	8	80	3	10	100	3	5	50	1	15	75	3	5	100	3	42	60	2			
53	22X41A0454	9	90	3	8	80	3	10	100	3	10	50	1	5	100	3	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	49	70	3			
54	22X41A0455	10	100	3	10	100	3	9	90	3	9	45	1	5	100	3	10	100	3	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	56	80	3
55	22X41A0456		0	0	6	60	2	5	50	1	9	45	1	5	100	3	10	100	3	9	90	3	7	70	3	12	60	2	5	100	3	49	70	3			
56	22X41A0457	10	100	3	10	100	3	9	90	3	10	50	1	5	100	3	10	100	3	10	100	3	10	100	3	10	100	3	15	75	3	5	100	3	49	70	3
57	22X41A0458	9	90	3	7	70	3	8	80	3	12	60	2	5	100	3	10	100	3	10	100	3	10	100	3	10	100	3	14	70	3	5	100	3	49	70	3
58	22X41A0459	7	70	3	6	60	2	7	70	3	9	45	1	5	100	3	10	100	3	10	100	3	8	80	3	9	45	1	5	100	3	42	60	2			
59	22X41A0460	10	100	3	8	80	3	9	90	3	12	60	2	5	100	3	10	100	3	10	100	3	7	70	3	11	55	2	5	100	3	49	70	3			
60	22X41A0461		0	0	5	50	1		0	0	5	25	0	5	100	3	10	100	3	5	50	1	8	80	3	9	45	1	5	100	3	42	60	2			
61	22X41A0462	10	100	3	10	100	3	9	90	3	7	35	0	5	100	3	9	90	3	10	100	3	7	70	3	13	65	2	5	100	3	35	50	1			
62	22X41A0463		0	0		0	0	5	50	1	7	35	0	5	100	3	9	90	3	5	50	1	6	60	2	3	15	0	5	100	3	49	70	3			
63	22X41A0464	10	100	3	10	100	3	1	10	0	10	50	1	5	100	3	5	50	1	8	80	3	8	80	3	11	55	2	5	100	3	49	70	3			
64	22X41A0465	1	10	0	5	50	1	6	60	2	8	40	1	5	100	3	8	80	3	4	40	1	4	40	1	10	50	1	5	100	3	35	50	1			
65	22X41A0466	9	90	3		0	0	5	50	1	7	35	0	5	100	3	9	90	3	10	100	3	7	70	3	9	45	1	5	100	3	42	60	2			
66	22X41A0467	8	80	3	8	80	3	10	100	3	4	20	0	5	100	3	7	70	3	1	10	0	8	80	3	10	50	1	5	100	3	49	70	3			
67	22X41A0468	10	100	3	8	80	3	5	50	1	7	35	0	5	100	3	7	70	3	3	30	0	6	60	2	6	30	0	5	100	3	42	60	2			
68	22X41A0469	6	60	2	6	60	2	4	40	1	7	35	0	5	100	3	9	90	3	5	50	1	7	70	3	5	25	0	5	100	3	42	60	2			
69	22X41A0470	5	50	1	10	100	3	10	100	3	10	50	1	5	100	3	9	90	3	10	100	3	9	90	3	5	25	0	5	100	3	35	50	1			
70	22X41A0471		0	0	1	10	0		0	0	3	15	0	5	100	3	4	40	1	5	50	1	2	20	0	13	65	2	5	100	3	35	50	1			
71	22X41A0472	10	100	3	9	90	3	10	100	3	7	35	0	5	100	3	9	90	3	9	90	3	8	80	3	11	55	2	5	100	3	42	60	2			
72	22X41A0473		0	0		0	0		0	0	3	15	0	5	100	3	8	80	3		0	0	4	40	1	5	25	0	5	100	3	21	30	0			
73	22X41A0474	4	40	1	7	70	3	8	80	3	13	65	2	5	100	3	10	100	3	6	60	2	6	60	2	17	85	3	5	100	3	35	50	1			
74	22X41A0475	10	100	3	8	80	3	4	40	1	6	30	0	5	100	3	6	60	2	4	40	1	1	10	0	9	45	1	5	100	3	42	60	2			
75	22X41A0476	8	80	3	9	90	3	4	40	1	6	30	0	5	100	3	9	90	3	3	30	0	8	80	3	9	45	1	5	100	3	42	60	2			
76	22X41A0477	9	90	3	10	100	3	9	90	3	12	60	2	5	100	3	10	100	3	8	80	3	8	80	3	9	45	1	5	100	3	42	60	2			
77	22X41A0478	7	70	3	8	80	3	5	50	1	7	35	0	5	100	3	8	80	3	10	100	3		0	0	8	40	1	5	100	3	21	30	0			

SRM INSTITUTE OF TECHNOLOGY
 ENKEPAGU, VIJAYAWADA-521 108.

78	22X41A0479	10	100	3	10	100	3	1	10	0	9	45	1	5	100	3	8	80	3	0	0	10	100	3	10	50	1	5	100	3	42	60	2	
79	22X41A0480	5	50	1	8	80	3	4	40	1		40	1	5	100	3	9	90	3	2	20		8	80	3	6	30	0	5	100	3	35	50	1
80	22X41A0482	10	100	3	6	60	2	5	50	1	7	35	0	5	100	3	6	60	2		0	0	7	70	3	9	45	1	5	100	3	21	30	0
81	22X41A0483	8	80	3	4	40	1	10	100	3	5	25	0	5	100	3	8	80	3		0	0	7	70	3	9	45	1	5	100	3	42	60	2
82	22X41A0484	1	10	0		0	0		0	0	7	35	0	5	100	3	4	40	1		0	0	3	30	0	9	45	1	5	100	3	21	30	0
83	22X41A0485	7	70	3	8	80	3	10	100	3	9	45	1	5	100	3	8	80	3		0	0	6	60	2	9	45	1	5	100	3	35	50	1
84	22X41A0486	10	100	3	10	100	3	5	50	1	8	40	1	5	100	3	9	90	3	4	40	1	8	80	3	8	40	1	5	100	3	49	70	3
85	22X41A0487	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	8	80	3	6	60	2	7	70	3	14	70	3	5	100	3	56	80	3
86	22X41A0488	9	90	3	7	70	3	10	100	3	11	55	2	5	100	3	8	80	3		0	0	6	60	2	2	10	0	5	100	3	21	30	0
87	22X41A0489	5	50	1	5	50	1	4	40	1	8	40	1	5	100	3	6	60	2	2	20	0	3	30	0	10	50	1	5	100	3	21	30	0
88	22X41A0490	6	60	2	9	90	3	9	90	3	7	35	0	5	100	3	8	80	3	3	30	0	5	50	1	8	40	1	5	100	3	21	30	0
89	22X41A0491	5	50	1	2	20	0	6	60	2	3	15	0	5	100	3	9	90	3	4	40	1	4	40	1	9	45	1	5	100	3	42	60	2
90	22X41A0492	3	30	0	2	20	0	6	60	2	6	30	0	5	100	3	9	90	3	3	30	0		0	0	17	85	3	5	100	3	42	60	2
91	22X41A0493	9	90	3	5	50	1	10	100	3	12	60	2	5	100	3	10	100	3	5	50	1	4	40	1	8	40	1	5	100	3	42	60	2
92	22X41A0494		0	0	8	80	3	5	50	1	4	20	0	5	100	3		0	0		0	0		0	0		0	0	5	100	3		0	0
93	22X41A0495	9	90	3	10	100	3	10	100	3	6	30	0	5	100	3	9	90	3		0	0	2	20	0	6	30	0	5	100	3	42	60	2
94	22X41A0496	5	50	1	2	20	0	10	100	3	6	30	0	5	100	3	8	80	3	9	90	3	5	50	1	10	50	1	5	100	3	49	70	3
95	22X41A0498	9	90	3	5	50	1	8	80	3	5	25	0	5	100	3	9	90	3	8	80	3	8	80	3	17	85	3	5	100	3	49	70	3
96	22X41A0499		0	0		0	0		0	0	6	30	0	5	100	3	5	50	1		0	0	2	20	0	8	40	1	5	100	3	21	30	0
97	22X41A04A0	1	10	0	5	50	1	10	100	3	4	20	0	5	100	3	10	100	3	5	50	1	10	100	3	13	65	2	5	100	3	35	50	1
98	22X41A04A1	7	70	3		0	0		0	0	5	25	0	5	100	3	10	100	3	7	70	3	7	70	3	10	50	1	5	100	3	42	60	2
99	22X41A04A2	5	50	1		0	0	5	50	1	7	35	0	5	100	3		0	0	5	50	1	5	50	1	6	30	0	5	100	3	21	30	0
100	22X41A04A3	8	80	3	3	30	0	4	40	1	8	40	1	5	100	3	5	50	1	5	50	1	3	30	0	3	15	0	5	100	3	42	60	2
101	22X41A04A4	10	100	3	9	90	3	10	100	3	6	30	0	5	100	3	5	50	1	6	60	2	6	60	2	5	25	0	5	100	3	42	60	2
102	22X41A04A5	10	100	3	10	100	3	9	90	3	12	60	2	5	100	3	10	100	3	5	50	1	8	80	3	15	75	3	5	100	3	49	70	3
103	22X41A04A6		0	0	4	40	1	10	100	3	8	40	1	5	100	3	4	40	1	5	50	1	1	10	0	8	40	1	5	100	3	21	30	0
104	22X41A04A7	4	40	1	3	30	0	4	40	1	6	30	0	5	100	3	9	90	3	3	30	0	5	50	1	6	30	0	5	100	3	35	50	1
105	22X41A04A8	10	100	3	10	100	3	9	90	3	6	30	0	5	100	3	9	90	3	10	100	3	9	90	3	17	85	3	5	100	3	56	80	3
106	22X41A04A9		0	0	2	20	0	3	30	0	12	60	2	5	100	3	9	90	3	2	20	0	5	50	1	4	20	0	5	100	3	35	50	1
AVERAGE		7.91	69.43	2.11	6.76	60.57	1.79	7.09	62.83	1.83	8.09	40	0.72	5	100	3	8.45	79.72	2.53	6.82	59.15	1.68	6.79	62.74	2.08	10.22	49.15	1.29	5	100	3	38.57	54.06	1.58
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			SIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			SIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)		
CO WISE SUM		2.11			1.79			1.83			0.72			3			2.53			1.68			2.08			1.29			3			1.58		

B




CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	2.11	0.72	3	1.56	1.63	96.6	2.9	1.88	65	62.67
CO2	1.76	0.72	3	1.32	1.41	98.3	2.95	1.72	65	57.33
CO3	2.14	0.98	3	1.32	1.49	98	2.94	1.78	65	59.33
CO4	1.65	1.27	3	1.32	1.45	95	2.85	1.73	65	57.67
CO5	2.04	1.27	3	1.32	1.51	95.3	2.86	1.78	65	59.33

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject AC

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	3	2	2	1		1	1					2				1.88
CO2	3	3	2	1		2	2					2				1.72
CO3	3	2	2	1		1	1					2				1.78
CO4	3	2	1	1		1	1					2				1.73
CO5	3	2	2	1		1	1					2				1.78

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
26.67	19.5	16.05	8.89		10.61	10.61					17.78			
1.78	1.77	1.78	1.78		1.77	1.77					1.78			

[Signature]
[Signature]
PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VI AWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF SCIENCE AND HUMANITIES

CALCULATION OF LEVEL OF ATTAINMENT FOR COs, POs and PSOs

YEAR-SEM: I-I		A.Y:2022-23						SUBJECT: PPSC									FACULTY NAME: CH.J.GAYATHRI, CH.SHIVA RAJESH												EXTERNAL MARKS					
S.NO.	ROLL NO.	MID-I			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE			ASSIGNMENT											
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L						
1	22X41A0401	4	40	1	6	60	2	2	20	0	5	25	0	5	100	3	10	100	3	9	90	3	4	40	1	11	55	2	5	100	3	42	60	2
2	22X41A0402	6	60	2	4	40	1	7	70	3	6	30	0	5	100	3	10	100	3	7	70	3		0	0	11	55	2	5	100	3	35	50	1
3	22X41A0403	4	40	1	2	20	0	4	40	1	9	45	1	5	100	3	3	30	0	8	80	3	5	50	1	7	35	0	5	100	3	35	50	1
4	22X41A0404	2	20	0	5	50	1	4	40	1	5	25	0	5	100	3	10	100	3	5	50	1		0	0	16	80	3	5	100	3	35	50	1
5	22X41A0405		0	0		0	0	1	10	0	6	30	0	5	100	3	6	60	2	1	10	0		0	0	7	35	0	5	100	3	35	50	1
6	22X41A0406	5	50	1		0	0	6	60	2	9	45	1	5	100	3	6	60	2	5	50	1		0	0	7	35	0	5	100	3	35	50	1
7	22X41A0407	5	50	1	7	70	3	3	30	0	9	45	1	5	100	3	10	100	3	8	80	3	3	30	0	7	35	0	5	100	3	21	30	0
8	22X41A0408	4	40	1	1	10	0	1	10	0	5	25	0	5	100	3	5	50	1	2	20	0	3	30	0	3	15	0	5	100	3	56	80	3
9	22X41A0409	10	100	3	9	90	3	7	70	3	5	25	0	5	100	3	7	70	3	9	90	3	9	90	3	8	40	1	5	100	3	35	50	1
10	22X41A0410	6	60	2		0	0	3	30	0	4	20	0	5	100	3	4	40	1	9	90	3	2	20	0	8	40	1	5	100	3	49	70	3
11	22X41A0411	8	80	3	7	70	3	3	30	0	8	40	1	5	100	3	10	100	3	9	90	3	8	80	3	13	65	2	5	100	3	49	70	3
12	22X41A0412	9	90	3	2	20	0		0	0	10	50	1	5	100	3	7	70	3	4	40	1	4	40	1	5	25	0	5	100	3	35	50	1
13	22X41A0413	4	40	1	2	20	0	3	30	0	6	30	0	5	100	3	8	80	3	3	30	0		0	0	15	75	3	5	100	3	49	70	3
14	22X41A0414		0	0		0	0	3	30	0	7	35	0	5	100	3	6	60	2	2	20	0		0	0	16	80	3	5	100	3	21	30	0
15	22X41A0415	7	70	3	9	90	3	9	90	3	8	40	1	5	100	3	10	100	3	9	90	3	9	90	3	18	90	3	5	100	3	49	70	3
16	22X41A0416	9	90	3	9	90	3	8	80	3	5	25	0	5	100	3	10	70	3	9	90	3	8	80	3	20	100	3	5	100	3	49	70	3
17	22X41A0417	4	40	1	5	50	1	7	70	3	4	20	0	5	100	3	5	80	3	8	80	3	4	40	1	16	80	3	5	100	3	35	50	1
18	22X41A0418	2	20	0	6	60	2	5	50	1	2	10	0	5	100	3	10	60	2	7	70	3	6	60	2	8	40	1	5	100	3	42	60	2
19	22X41A0419	8	80	3	3	30	0	4	40	1	7	35	0	5	100	3	4	100	3	4	40	1	2	20	0	6	30	0	5	100	3	35	50	1
20	22X41A0420	3	30	0		0	0	2	20	0	6	30	0	5	100	3	7	100	3	6	60	2	3	30	0	10	50	1	5	100	3	21	30	0
21	22X41A0421	2	20	0	2	20	0	2	20	0	7	35	0	5	100	3	3	50	1	4	40	1		0	0	13	65	2	5	100	3	21	30	0
22	22X41A0423	7	70	3	10	100	3	9	90	3	5	25	0	5	100	3	10	40	1	10	100	3	10	100	3	12	60	2	5	100	3	56	80	3
23	22X41A0424		0	0		0	0	4	40	1	5	25	0	5	100	3		70	3	6	60	2		0	0	9	45	1	5	100	3	21	30	0
24	22X41A0425	6	60	2	10	100	3	7	70	3	10	50	1	5	100	3	10	30	0	1	10	0	10	100	3	18	90	3	5	100	3	49	70	3
25	22X41A0426		0	0		0	0	5	50	1	9	45	1	5	100	3	5	50	1	5	50	1	5	50	1	5	25	0	5	100	3	21	30	0
26	22X41A0427		0	0	3	30	0	4	40	1	4	20	0	5	100	3	6	60	2	9	90	3	6	60	2	5	25	0	5	100	3	35	50	1
27	22X41A0428	5	50	1		0	0	2	20	0	5	25	0	5	100	3	6	60	2	4	40	1	6	60	2	7	35	0	5	100	3	35	50	1
28	22X41A0429	1	10	0	3	30	0	2	20	0	4	20	0	5	100	3	7	70	3	7	70	3	7	70	3	5	25	0	5	100	3	35	50	1
29	22X41A0430	7	70	3	1	10	0	2	20	0	6	30	0	5	100	3	7	70	3	5	50	1	5	50	1	16	80	3	5	100	3	42	60	2
30	22X41A0431	2	20	0	2	20	0	2	20	0	6	30	0	5	100	3	10	100	3	2	20	0	3	30	0	10	50	1	5	100	3	42	60	2
31	22X41A0432	2	20	0	3	30	0	2	20	0	6	30	0	5	100	3	4	40	1	4	40	1	1	10	0	8	40	1	5	100	3	35	50	1
32	22X41A0433	6	60	2	4	40	1	4	40	1	6	30	0	5	100	3	8	80	3	10	100	3	10	100	3	14	70	3	5	100	3	49	70	3
33	22X41A0434	9	90	3	10	100	3	8	80	3	6	30	0	5	100	3	5	50	1	10	100	3	9	90	3	12	60	2	5	100	3	42	60	2
34	22X41A0435	1	10	0		0	0		0	0	5	25	0	5	100	3	9	90	3	9	90	3	7	70	3	6	30	0	5	100	3	42	60	2

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VI AWADA -521108
PALE

35	22X41A0436		0	0		0	0		0	0		0	0	5	100	3		0	0		0	0	5	100	3	21	30	0						
36	22X41A0437	9	90	3	9	90	3	5	50	1	7	35	0	5	100	3	10	100	3	9	90	3	10	100	3	8	40	1	5	100	3	56	80	3
37	22X41A0438	9	90	3	6	60	2	7	70	3	5	25	0	5	100	3	10	100	3	10	100	3	9	90	3	15	75	3	5	100	3	49	70	3
38	22X41A0439	2	20	0		0	0	2	20	0	5	25	0	5	100	3	5	50	1	7	70	3	8	80	3	4	20	0	5	100	3	35	50	1
39	22X41A0440	8	80	3	8	80	3	9	90	3	5	25	0	5	100	3	10	100	3	9	90	3	10	100	3	19	95	3	5	100	3	49	70	3
40	22X41A0441	1	10	0	2	20	0		0	0	6	30	0	5	100	3	4	40	1	7	70	3	5	50	1	19	95	3	5	100	3	21	30	0
41	22X41A0442	6	60	2	5	50	1	5	50	1	11	55	2	5	100	3	10	100	3	7	70	3	5	50	1	14	70	3	5	100	3	49	70	3
42	22X41A0443	5	50	1	8	80	3	5	50	1	8	40	1	5	100	3	9	90	3	9	90	3	1	10	0	8	40	1	5	100	3	35	50	1
43	22X41A0444	7	70	3	9	90	3	9	90	3	7	35	0	5	100	3	9	90	3	9	90	3	7	70	3	9	45	1	5	100	3	35	50	A
44	22X41A0445	5	50	1	1	10	0	3	30	0	4	20	0	5	100	3	9	90	3	5	50	1	5	50	1	7	35	0	5	100	3	42	60	2
45	22X41A0446	9	90	3	10	100	3	8	80	3	18	90	3	5	100	3	6	60	2	8	80	3	9	90	3	19	95	3	5	100	3	49	70	3
46	22X41A0447	8	80	3	10	100	3	10	100	3	4	20	0	5	100	3	8	80	3	7	70	3	7	70	3	18	90	3	5	100	3	49	70	3
47	22X41A0448	1	10	0	1	10	0	3	30	0	5	25	0	5	100	3	5	50	1	8	80	3	6	60	2	16	80	3	5	100	3	42	60	2
48	22X41A0449	1	10	0		0	0	2	20	0	7	35	0	5	100	3		0	0		0	0		0	0		0	0	5	100	3	21	30	0
49	22X41A0450	4	40	1	1	10	0	2	20	0	4	20	0	5	100	3	10	100	3	8	80	3	1	10	0	4	20	0	5	100	3	42	60	2
50	22X41A0451		0	0	1	10	0	2	20	0	7	35	0	5	100	3	3	30	0	5	50	1	7	70	3	13	65	2	5	100	3	35	50	1
51	22X41A0452	9	90	2	10	100	3	6	60	2	12	60	2	5	100	3	10	100	3	8	80	3	9	90	3	14	70	3	5	100	3	49	70	3
52	22X41A0453	1	10	7	2	20	0	3	30	0	8	40	1	5	100	3	10	100	3	9	90	3	5	50	1	14	70	3	5	100	3	49	70	3
53	22X41A0454	9	90	3	7	70	3	4	40	1	12	60	2	5	100	3	8	80	3	7	70	3	10	100	3	16	80	3	5	100	3	49	70	3
54	22X41A0455	6	60	2	5	50	1	7	70	3	3	15	0	5	100	3	10	100	3	9	90	3	5	50	1	9	45	1	5	100	3	49	70	3
55	22X41A0456	3	30	0	5	50	1	4	40	1	8	40	1	5	100	3	9	90	3	4	40	1	7	70	3	10	50	1	5	100	3	35	50	1
56	22X41A0457	9	90	3	10	100	3	10	100	3	6	30	0	5	100	3	10	100	3	9	90	3	9	90	3	7	35	0	5	100	3	49	70	3
57	22X41A0458	8	80	3	4	40	1	3	30	0	5	25	0	5	100	3	8	80	3	6	60	2	6	60	2	15	75	3	5	100	3	49	70	3
58	22X41A0459	2	20	0	2	20	0	6	60	2	8	40	1	5	100	3	9	90	3	6	60	2	6	60	2	16	80	3	5	100	3	21	30	0
59	22X41A0460	7	70	3	3	30	0	6	60	2	10	50	1	5	100	3	7	70	3	8	80	3	4	40	1	18	90	3	5	100	3	42	60	2
60	22X41A0461	5	50	1		0	0		0	0	6	30	0	5	100	3	6	60	2	5	50	1		0	0	4	20	0	5	100	3	21	30	0
61	22X41A0462	9	90	3	7	70	3	2	20	0	6	30	0	5	100	3	8	80	3	6	60	2	5	50	1	15	75	3	5	100	3	49	70	3
62	22X41A0463	4	40	1	8	80	3	3	30	0	9	45	1	5	100	3	6	60	2	4	40	1	1	10	0	10	50	1	5	100	3	42	60	2
63	22X41A0464	6	60	2	5	50	1	4	40	1	9	45	1	5	100	3	8	80	3	2	20	0	6	60	2	16	80	3	5	100	3	42	60	2
64	22X41A0465	5	50	1		0	0	5	50	1	8	40	1	5	100	3	5	50	1	6	60	2	8	80	3	10	50	1	5	100	3	35	50	1
65	22X41A0466	9	90	3	6	60	2	9	90	3	6	30	0	5	100	3	10	100	3	10	100	3	4	40	1	6	30	0	5	100	3	21	30	0
66	22X41A0467	7	70	3	3	30	0	5	50	1	8	40	1	5	100	3	5	50	1	5	50	1	10	100	3	6	30	0	5	100	3	42	60	2
67	22X41A0468	10	100	3	5	50	1	5	50	1	8	40	1	5	100	3	5	50	1	10	100	3	5	50	1	8	40	1	5	100	3	35	50	1
68	22X41A0469	10	100	3	10	100	3	3	30	0	8	40	1	5	100	3	5	50	1	5	50	1	10	100	3	4	20	0	5	100	3	42	60	2
69	22X41A0470	10	100	3	7	70	3	9	90	3	8	40	1	5	100	3	10	100	3	10	100	3	10	100	3	18	90	3	5	100	3	56	80	3
70	22X41A0471	9	90	3		0	0	10	100	3	6	30	0	5	100	3	4	40	1	8	80	3	8	80	3	10	50	1	5	100	3	21	30	0
71	22X41A0472	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	10	100	3	10	100	3	10	100	3	14	70	3	5	100	3	42	60	2
72	22X41A0473		0	0	8	80	3	10	100	3	10	50	1	5	100	3	5	50	1	5	50	1	5	50	1	2	10	0	5	100	3	21	30	0
73	22X41A0474	10	100	3	5	50	1	5	50	1	10	50	1	5	100	3	10	100	3	9	90	3	5	50	1	16	80	3	5	100	3	49	70	3
74	22X41A0475	8	80	3	8	80	3	7	70	3	4	20	0	5	100	3	10	100	3	10	100	3	7	70	3	18	90	3	5	100	3	49	70	3
75	22X41A0476	10	100	3		0	0	10	100	3	10	50	1	5	100	3	10	100	3	7	70	3	3	30	0	8	40	1	5	100	3	49	70	3
76	22X41A0477	10	100	3	10	100	3	9	90	3	6	30	0	5	100	3	10	100	3	10	100	3	10	100	3	8	40	1	5	100	3	49	70	3
77	22X41A0478	10	100	3	9	90	3	6	60	2	10	50	1	5	100	3	5	50	1	10	100	3	5	50	1	6	30	0	5	100	3	49	70	3

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENKEPADA, VIJAYAWADA-521 108.

78	22X41A0479	5	50	1	10	100	3		0	0	40	1	5	100	3	5	50	1	5	50	10	100	3	8	40	1	5	100	3	42	60	2		
79	22X41A0480		0	0	7	70	3	10	100	3	60	2	5	100	3	5	50	1	5	50	10	100	3	4	20	0	5	100	3	21	30	0		
80	22X41A0482	9	90	3	9	90	3	7	70	3	10	50	1	5	100	3	10	100	3	2	20	0	8	80	3	12	60	2	5	100	3	42	60	2
81	22X41A0483	5	50	1	10	100	3	5	50	1	10	50	1	5	100	3	8	80	3	9	90	3	9	90	3	8	40	1	5	100	3	42	60	2
82	22X41A0484	10	100	3	3	30	0	10	100	3	4	20	0	5	100	3	0	0	0	5	50	1	5	50	1	6	30	0	5	100	3	21	30	0
83	22X41A0485	10	100	3	8	80	3	8	80	3	8	40	1	5	100	3	8	80	3	9	90	3	6	60	2	10	50	1	5	100	3	42	60	2
84	22X41A0486	10	100	3		0	0	10	100	3	6	30	0	5	100	3	5	50	1	5	50	1	10	100	3	6	30	0	5	100	3	35	50	1
85	22X41A0487	10	100	3	10	100	3	8	80	3	8	40	1	5	100	3	4	40	1	5	50	1	10	100	3	8	40	1	5	100	3	21	30	0
86	22X41A0488	10	100	3	5	50	1	5	50	1	4	20	0	5	100	3	5	50	1	5	50	1	10	100	3	8	40	1	5	100	3	21	30	0
87	22X41A0489	9	90	3	5	50	1	3	30	0	8	40	1	5	100	3	5	50	1	9	90	3	5	50	1	12	60	2	5	100	3	21	30	0
88	22X41A0490	10	100	3	7	70	3	7	70	3	8	40	1	5	100	3	10	100	3	7	70	3	10	100	3	12	60	2	5	100	3	49	70	3
89	22X41A0491	10	100	3		0	0	10	100	3	10	50	1	5	100	3	5	50	1	10	100	3	4	40	1	10	50	1	5	100	3	21	30	0
90	22X41A0492	10	100	3	5	50	1	7	70	3	10	50	1	5	100	3	10	100	3	6	60	2	6	60	2	16	80	3	5	100	3	56	80	3
91	22X41A0493	10	100	3	10	100	3	8	80	3	10	50	1	5	100	3	4	40	1	8	80	3	9	90	3	6	30	0	5	100	3	21	30	0
92	22X41A0494	5	50	1	5	50	1		0	0	6	30	0	5	100	3	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	A	0	0
93	22X41A0495	10	100	3	10	100	3	9	90	3	10	50	1	5	100	3	10	100	3	10	100	3	10	100	3	16	80	3	5	100	3	49	70	3
94	22X41A0496	10	100	3	4	40	1	10	100	3	8	40	1	5	100	3	5	50	1	5	50	1	10	100	3	10	50	1	5	100	3	42	60	2
95	22X41A0498	10	100	3	8	80	3	10	100	3	8	40	1	5	100	3	10	100	3	10	100	3	5	50	1	18	90	3	5	100	3	49	70	3
96	22X41A0499	9	90	3	5	50	1	4	40	1	8	40	1	5	100	3	5	50	1	5	50	1	0	0	0	4	20	0	5	100	3	35	50	1
97	22X41A04A0	10	100	3	10	100	3	5	50	1	4	20	0	5	100	3	5	50	1	5	50	1	9	90	3	4	20	0	5	100	3	35	50	1
98	22X41A04A1	10	100	3	9	90	3	6	60	2	10	50	1	5	100	3	10	100	3	10	100	3	0	0	0	8	40	1	5	100	3	21	30	0
99	22X41A04A2	10	100	3	4	40	1	4	40	1	6	30	0	5	100	3	0	0	0	5	50	1	0	0	0	14	70	3	5	100	3	21	30	0
100	22X41A04A3	10	100	3	10	100	3	5	50	1	6	30	0	5	100	3	8	80	3	10	100	3	10	100	3	10	50	1	5	100	3	49	70	3
101	22X41A04A4	10	100	3	9	90	3	10	100	3	8	40	1	5	100	3	10	100	3	9	90	3	9	90	3	10	50	1	5	100	3	42	60	2
102	22X41A04A5	10	100	3	10	100	3	5	50	1	10	50	1	5	100	3	10	100	3	3	30	0	10	100	3	18	90	3	5	100	3	42	60	2
103	22X41A04A6	5	50	1		0	0	5	50	1	14	70	3	5	100	3	6	60	2	9	90	3	8	80	3	10	50	1	5	100	3	21	30	0
104	22X41A04A7	10	100	3	10	100	3	5	50	1	6	30	0	5	100	3	0	0	0	0	0	0	10	100	3	12	60	2	5	100	3	35	50	1
105	22X41A04A8	10	100	3	10	100	3	10	100	3	8	40	1	5	100	3	10	100	3	10	100	3	8	80	3	18	90	3	5	100	3	49	70	3
106	22X41A04A9	5	50	1	10	100	3	5	50	1	10	50	1	5	100	3	0	0	0	5	50	1	0	0	0	4	20	0	5	100	3	35	50	1
AVERAGE		6.92	63.3	1.95	6.3	51.7	1.49	5.65	52.74	1.45	7.29	36.08	0.55	5	100	3	7.11	69.15	2.09	6.75	66.23	2.04	6.45	57.83	1.74	10.68	52.41	1.46	5	100	3	37.67	53.3	1.56
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT			CO3			CO4			CO5			ONLINE (CO3-			ASSIGNMENT			EXTERNAL (COI-		
CO WISE SUM		1.95			1.49			1.77			0.55			3			1.77			2.04			1.74			1.46			3			1.56		

Sue

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 106



CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	1.95	0.55	3	1.56	1.59	96.58	2.9	1.85	65	61.67
CO2	1.49	0.55	3	1.56	1.52	96.33	2.89	1.79	65	59.67
CO3	1.77	1.005	3	1.56	1.61	98.33	2.95	1.88	65	62.67
CO4	2.04	1.46	3	1.56	1.69	98.50	2.96	1.94	65	64.67
CO5	1.74	1.46	3	1.56	1.65	97.92	2.94	1.91	65	63.67

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject PPSC

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	3	1	2											2		1.85
CO2	3	1	2											2		1.79
CO3	3	1	2											2		1.88
CO4	3	1	2											2		1.94
CO5	3	1	2											2		1.91

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
28.11	9.37	18.74											18.74	
1.87	1.87	1.87											1.87	

See

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPAD, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF SCIENCE AND HUMANITIES

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

YEAR-SEM:I-I		A.Y:2022-23						SUBJECT: ED						FACULTY NAME : D. ROGNATHA RAO, R. KIRAN KUMAR						EXTERNAL MARKS								
S.NO.	ROLL NO.	MID EXAM - I												MID EXAM - II												Marks	%	L
		Q1			Q2			Q3			SHEETS			Q1			Q2			Q3			SHEETS					
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L			
1	22X41A0401	10	100	3	10	100	3	9	90	3	9	60	2	10	100	3	10	100	3	10	100	3	5	33.3	0	28	40	1
2	22X41A0402	9	90	3	0	0	0	9	90	3	8	53	1	10	100	3	8	80	3	10	100	3	9	60	2	42	60	2
3	22X41A0403	8	80	3	0	0	0	8	80	3	10	67	2	7	70	3	7	70	3		0	0	9	60	2	28	40	1
4	22X41A0404	9	90	3	10	100	3	10	100	3	5	33	0	10	100	3	8	80	3	10	100	3	8	53.3	1	28	40	1
5	22X41A0405		0	0		0	0		0	0	5	33	0	7	70	3	10	100	3	10	100	3	8	53.3	1	21	30	0
6	22X41A0406	10	100	3	10	100	3	10	100	3	9	60	2	8	80	3	8	80	3	8	80	3	10	66.7	2	21	30	0
7	22X41A0407	10	100	3	10	100	3	8	80	3	10	67	2	10	100	3	10	100	3	10	100	3	10	66.7	2	35	50	1
8	22X41A0408	8	80	3	10	100	3	10	100	3	7	47	1	8	80	3	8	80	3	8	80	3	10	66.7	2	21	30	0
9	22X41A0409	9	90	3	10	100	3	10	100	3	15	100	3	10	100	3	10	100	3	10	100	3	15	100	3	35	50	1
10	22X41A0410	10	100	3	10	100	3	9	90	3	5	33	0	8	80	3	8	80	3		0	0	10	66.7	2	28	40	1
11	22X41A0411	9	90	3	10	100	3	10	100	3	11	73	3	10	100	3	10	100	3	8	80	3	15	100	3	49	70	3
12	22X41A0412	8	80	3	10	100	3	10	100	3	12	80	3	10	100	3	10	100	3	10	100	3	10	66.7	2	35	50	1
13	22X41A0413	0	0	0	9	90	3	9	90	3	9	60	2	10	100	3	10	100	3	10	100	3	10	66.7	2	21	30	0
14	22X41A0414	7	70	3	7	70	3	6	60	2	7	47	1	5	50	1	5	50	1		0	0	10	66.7	2	28	40	1
15	22X41A0415	10	100	3	10	100	3	10	100	3	15	100	3	10	100	3	10	100	3	10	100	3	15	100	3	49	70	3
16	22X41A0416	10	100	3	10	100	3	9	90	3	15	100	3	10	100	3	10	100	3	10	100	3	15	100	3	49	70	3
17	22X41A0417	10	100	3	10	100	3	10	100	3	10	67	2	8	80	3	10	100	3	10	100	3	10	66.7	2	21		
18	22X41A0418	8	80	3	20	200		20	200		9	60	2	7	70	3	7	70	3	6	60	2	10	66.7	2	42		
19	22X41A0419	10	100	3	8	80	3	10	100	3	9	60	2	7	70	3	6	60	2	6	60	2	10	66.7	2	28	40	1
20	22X41A0420	7	70	3	7	70	3	6	60	2	5	33	0	7	70	3	6	60	2	7	70	3	10	66.7	2	28	40	1
21	22X41A0421	10	100	3	10	100	3	9	90	3	9	60	2	7	70	3	7	70	3	8	80	3	10	66.7	2	21	30	0
22	22X41A0423	10	100	3	10	100	3	10	100	3	15	100	3	8	80	3	10	100	3	10	100	3	15	100	3	49	70	3
23	22X41A0424	8	80	3	5	50	1	5	50	1	5	33	0	6	60	2	10	100	3	10	100	3	10	66.7	2	21	30	0

Handwritten signature

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521108.

24	22X41A0425	10	100	3	10	100	3	10	100	3	15	100	3	10	100	3	10	3	10	100	3	15	100	3	42	60	2	
25	22X41A0426	6	60	2	10	100	3	10	100	3	10	67	2	8	80	3	8	80	3	0	0	10	66.7	2	21	30	0	
26	22X41A0427	10	100	3	10	100	3	10	100	3	5	33	0	6	60	2	6	60	2	0	0	8	53.3	1	21	30	0	
27	22X41A0428	0	0	0	8	80	3	8	80	3	5	33	0	9	90	3	0	0	9	90	3	10	66.7	2	21	30	0	
28	22X41A0429	9	90	3	5	50	1	5	50	1	15	100	3	8	80	3	10	100	3	10	100	3	15	100	3	42	60	2
29	22X41A0430	10	100	3	10	100	3	4	40	1	10	67	2	8	80	3	10	100	3	0	0	10	66.7	2	21	30	0	
30	22X41A0431	10	100	3	10	100	3	10	100	3	12	80	3	7	70	3	7	70	3	8	80	3	10	66.7	2	42	60	2
31	22X41A0432	8	80	3	10	100	3	10	100	3	5	33	0	7	70	3	6	60	2	7	70	3	10	66.7	2	21	30	0
32	22X41A0433	10	100	3	10	100	3	7	70	3	12	80	3	8	80	3	10	100	3	10	100	3	10	66.7	2	42	60	2
33	22X41A0434	10	100	3	10	100	3	8	80	3	14	93	3	8	80	3	8	80	3	8	80	3	15	100	3	21	30	0
34	22X41A0435	4	40	1	4	40	1	0	0	5	33	0	10	100	3	10	100	3	10	100	3	15	100	3	42	60	2	
35	22X41A0436	0	0	0	0	0	0	0	0	5	33	0	0	0	0	0	0	0	0	0	0	10	66.7	2	21	30	0	
36	22X41A0437	10	100	3	10	100	3	10	100	3	15	100	3	9	90	3	9	90	3	8	80	3	15	100	3	49	70	3
37	22X41A0438	10	100	3	10	100	3	8	80	3	15	100	3	8	80	3	8	80	3	8	80	3	15	100	3	21	30	0
38	22X41A0439	8	80	3	8	80	3	8	80	3	14	93	3	7	70	3	7	70	3	8	80	3	15	100	3	35	50	1
39	22X41A0440	10	100	3	10	100	3	10	100	3	12	80	3	10	100	3	10	100	3	10	100	3	15	100	3	42	60	2
40	22X41A0441	8	80	3	10	100	3	10	100	3	5	33	0	7	70	3	7	70	3	8	80	3	10	66.7	2	21	30	0
41	22X41A0442	10	100	3	10	100	3	9	90	3	15	100	3	8	80	3	10	100	3	10	100	3	15	100	3	21	30	0
42	22X41A0443	10	100	3	10	100	3	10	100	3	15	100	3	8	80	3	10	100	3	10	100	3	15	100	3	42	60	2
43	22X41A0444	9	90	3	10	100	3	10	100	3	15	100	3	10	100	3	10	100	3	10	100	3	15	100	3	49	70	3
44	22X41A0445	0	0	1	10	0	0	0	0	15	100	3	7	70	3	0	0	7	70	3	10	66.7	2	28	40	1		
45	22X41A0446	10	100	3	10	100	3	10	100	3	10	67	2	8	80	3	8	80	3	0	0	10	66.7	2	21	30	0	
46	22X41A0447	10	100	3	10	100	3	10	100	3	14	93	3	8	80	3	8	80	3	8	80	3	10	66.7	2	42	60	2
47	22X41A0448	10	100	3	10	100	3	10	100	3	14	93	3	10	100	3	8	80	3	10	100	3	10	66.7	2	21	30	0
48	22X41A0449	4	40	1	0	0	0	4	40	1	5	33	0	0	0	0	0	0	0	0	0	10	66.7	2	0	0	0	
49	22X41A0450	8	80	3	8	80	3	10	100	3	9	60	2	10	100	3	0	0	10	100	3	10	66.7	2	21	30	0	
50	22X41A0451	10	100	3	10	100	3	8	80	3	9	60	2	5	50	1	0	0	5	50	1	10	66.7	2	35	50	1	
51	22X41A0452	7	70	3	7	70	3	8	80	3	10	67	2	6	60	2	10	100	3	10	100	3	10	66.7	2	21	30	0
52	22X41A0453	8	80	3	10	100	3	10	100	3	7	47	1	10	100	3	10	100	3	10	100	3	10	66.7	2	21	30	0
53	22X41A0454	10	100	3	10	100	3	10	100	3	10	67	2	7	70	3	7	70	3	8	80	3	10	66.7	2	21	30	0

54	22X41A0455	8	80	3	8	80	3	8	80	3	15	100	3	7	70	3	7		3	8	80	3	15	100	3	35	50	1
55	22X41A0456	5	50	1		0	0	5	50	1	5	33	0	6	60	2	10	100	3	10	100	3	10	66.7	2	28	40	1
56	22X41A0457	10	100	3	10	100	3	10	100	3	15	100	3	10	100	3	10	100	3	10	100	3	15	100	3	49	70	3
57	22X41A0458	6	60	2		0	0		0	0	15	100	3	8	80	3		0	0	8	80	3	15	100	3	21	30	0
58	22X41A0459	10	100	3	6	60	2	10	100	3	10	67	2	7	70	3	7	70	3	6	60	2	15	100	3	49	70	3
59	22X41A0460	10	100	3	10	100	3	10	100	3	15	100	3	10	100	3	10	100	3	10	100	3	15	100	3	49	70	3
60	22X41A0461	10	100	3	10	100	3	10	100	3	15	100	3	10	100	3	8	80	3	10	100	3	15	100	3	35	50	1
61	22X41A0462	9	90	3	10	100	3	10	100	3	15	100	3	10	100	3	10	100	3	8	80	3	15	100	3	35	50	1
62	22X41A0463	10	100	3	10	100	3	8	80	3	10	67	2	8	80	3	10	100	3	10	100	3	10	66.7	2	35	50	1
63	22X41A0464	10	100	3	8	80	3	10	100	3	5	33	0	7	70	3	7	70	3	8	80	3	10	66.7	2	28	40	1
64	22X41A0465	7	70	3	7	70	3	4	40	1	13	87	3	5	50	1	6	60	2	3	30	0	13	86.7	3	21	30	0
65	22X41A0466	9	90	3	8	80	3	9	90	3	15	100	3	10	100	3	10	100	3	10	100	3	15	100	3	42	60	2
66	22X41A0467	9	90	3	10	100	3	10	100	3	14	93	3	9	90	3	8	80	3	8	80	3	13	86.7	3	49	70	3
67	22X41A0468	9	90	3	9	90	3	9	90	3	14	93	3	10	100	3	10	100	3	10	100	3	14	93.3	3	21	30	0
68	22X41A0469	9	90	3	9	90	3	9	90	3	13	87	3	9	90	3	9	90	3	10	100	3	14	93.3	3	49	70	3
69	22X41A0470	9	90	3	9	90	3	9	90	3	13	87	3	10	100	3	10	100	3	10	100	3	14	93.3	3	21	30	0
70	22X41A0471	8	80	3	7	70	3	8	80	3	13	87	3	9	90	3	9	90	3	9	90	3	12	80	3	42	60	2
71	22X41A0472	10	100	3	10	100	3	9	90	3	15	100	3	10	100	3	10	100	3	10	100	3	15	100	3	63	90	3
72	22X41A0473	7	70	3	6	60	2		0	0	12	80	3	5	50	1		0	0		0	0	13	86.7	3	21	30	0
73	22X41A0474	7	70	3	8	80	3	8	80	3	14	93	3	9	90	3	9	90	3	9	90	3	15	100	3	21	30	0
74	22X41A0475	9	90	3	9	90	3	9	90	3	15	100	3	9	90	3	10	100	3	9	90	3	15	100	3	49	70	3
75	22X41A0476	8	80	3	8	80	3	8	80	3	13	87	3	5	50	1	8	80	3	5	50	1	13	86.7	3	35	50	1
76	22X41A0477	10	100	3	10	100	3	9	90	3	15	100	3	10	100	3	10	100	3	10	100	3	14	93.3	3	56	80	3
77	22X41A0478	9	90	3	8	80	3	8	80	3	15	100	3	10	100	3	10	100	3	9	90	3	14	93.3	3	21	30	0
78	22X41A0479	8	80	3	8	80	3	8	80	3	14	93	3	8	80	3	10	100	3	10	100	3	14	93.3	3	49	70	3
79	22X41A0480		0	0		0	0		0	0	12	80	3	9	90	3	9	90	3	9	90	3	13	86.7	3	21	30	0
80	22X41A0482	8	80	3	9	90	3	8	80	3	15	100	3	10	100	3	9	90	3	9	90	3	15	100	3	21	30	0
81	22X41A0483	9	90	3	9	90	3	9	90	3	15	100	3	9	90	3	9	90	3	9	90	3	15	100	3	42	60	2
82	22X41A0484	9	90	3	10	100	3	10	100	3	15	100	3	9	90	3	9	90	3	9	90	3	15	100	3	42	60	2
83	22X41A0485	8	80	3	9	90	3	9	90	3	13	87	3	8	80	3	8	80	3	8	80	3	13	86.7	3	21	30	0

SRM INSTITUTE OF TECHNOLOGY
 ENKEPADA, VIJAYAWADA-521 108.
 PRINCIPAL
 42
 42

84	22X41A0486	8	80	3	7	70	3	7	70	3	14	93	3	8	80	3	8		3	4	40	1	14	93.3	3	21	30	0
85	22X41A0487	9	90	3	9	90	3	9	90	3	14	93	3	10	100	3	10	100	3	9	90	3	14	93.3	3	42	60	2
86	22X41A0488	7	70	3	8	80	3	8	80	3	12	80	3	5	50	1	8	80	3	6	60	2	11	73.3	3	21	30	0
87	22X41A0489	7	70	3	6	60	2	7	70	3	13	87	3	6	60	2	6	60	2	7	70	3	12	80	3	21	30	0
88	22X41A0490	6	60	2	6	60	2	8	80	3	13	87	3	8	80	3	7	70	3	9	90	3	13	86.7	3	21	30	0
89	22X41A0491	7	70	3	8	80	3	8	80	3	14	93	3	7	70	3	7	70	3	7	70	3	15	100	3	42	60	2
90	22X41A0492	7	70	3	8	80	3	8	80	3	12	80	3	7	70	3	9	90	3	9	90	3	11	73.3	3	21	30	0
91	22X41A0493	9	90	3	9	90	3	9	90	3	15	100	3	10	100	3	10	100	3	10	100	3	15	100	3	42	60	2
92	22X41A0494	8	80	3	8	80	3	8	80	3	10	67	2		0	0		0	0		0	0	11	73.3	3		0	0
93	22X41A0495	9	90	3	8	80	3	8	80	3	14	93	3	10	100	3	10	100	3	9	90	3	15	100	3	49	70	3
94	22X41A0496	7	70	3	9	90	3	7	70	3	13	87	3	10	100	3	10	100	3	10	100	3	14	93.3	3	49	70	3
95	22X41A0498	9	90	3	9	90	3	9	90	3	14	93	3	8	80	3	9	90	3	8	80	3	14	93.3	3	42	60	2
96	22X41A0499	7	70	3	8	80	3	8	80	3	14	93	3	7	70	3	7	70	3	8	80	3	13	86.7	3	21	30	0
97	22X41A04A0	7	70	3	8	80	3	8	80	3	14	93	3	9	90	3	10	100	3	8	80	3	13	86.7	3	56	80	3
98	22X41A04A1	9	90	3	9	90	3	9	90	3	14	93	3	10	100	3	9	90	3	9	90	3	15	100	3	56	80	3
99	22X41A04A2	3	30	0	6	60	2	1	10	0	13	87	3	7	70	3	7	70	3	5	50	1	12	80	3	21	30	0
100	22X41A04A3	8	80	3	9	90	3	9	90	3	15	100	3	10	100	3	10	100	3	10	100	3	15	100	3	21	30	0
101	22X41A04A4	9	90	3	8	80	3	8	80	3	15	100	3	10	100	3	10	100	3	10	100	3	15	100	3	49	70	3
102	22X41A04A5	8	80	3	8	80	3	8	80	3	15	100	3	10	100	3	10	100	3	10	100	3	15	100	3	49	70	3
103	22X41A04A6	7	70	3	8	80	3	8	80	3	14	93	3	7	70	3	6	60	2	6	60	2	13	86.7	3	35	50	1
104	22X41A04A7	7	70	3	8	80	3	8	80	3	13	87	3	8	80	3	8	80	3	7	70	3	12	80	3	21	30	0
105	22X41A04A8	8	80	3	8	80	3	8	80	3	13	87	3	9	90	3	9	90	3	7	70	3	14	93.3	3	56	80	3
106	22X41A04A9	7	70	3	9	90	3	7	70	3	13	87	3	9	90	3	8	80	3	7	70	3	14	93.3	3	42	60	2
AVERAGE		8.35	80.4	2.72	8.57	81.7	2.64	8.65	80.8	2.64	11.75	78.3	2.35	8.4	81.2	2.75	8.71	79.7	2.66	8.65	77.6	2.54	12.46	83.1	2.6	33.52	47	1.2
COURSE		CO1			CO2			CO3			ONLINE			CO3			CO4			CO5			ONLINE (CO3-			EXTERNAL (CO1-		
CO WISE SUM		2.72			2.64			2.64			2.35			2.75			2.66			2.54			2.58			1.2		

(Handwritten mark)

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYA WADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF SCIENCE AND HUMANITIES

CO ATTAINMENT	DESCRIPTIVE	SHEETS	EXTERNAL	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	INDIRECT PERCENTAGE %	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL of ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	2.72	2.35	1.2	1.6	99.25	2.98	1.88	65	62.67
CO2	2.64	2.35	1.2	1.59	98.30	2.95	1.86	65	62.00
CO3	2.693	2.465	1.2	1.61	99.43	2.98	1.88	65	62.67
CO4	2.66	2.58	1.2	1.63	97.92	2.94	1.89	65	63.00
CO5	2.54	2.58	1.2	1.61	99.62	2.99	1.89	65	63.00

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject ED

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	3		2													1.88
CO2	3		2													1.86
CO3	3		2										1		1	1.88
CO4	3		2													1.89
CO5	3		2		1								1		1	1.89

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
28.2		18.8		1.89								3.77		3.77
1.88		1.88		1.89								1.89		1.89

(A)

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF SCIENCE AND HUMANITIES

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSO

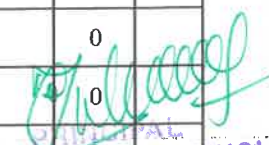
YEAR-SEM: I-I		A.Y:2022-23						NAME OF LAB: ENG LAB									FACULTY NAME: VUSA YELAMANDA								
S.NO.	ROLL NO.	Observation			Record			INTERNAL									EXTERNAL								
		CO 1-CO3			CO 1-CO3			CO 1			CO 2			CO 3			CO 1			CO 2			CO 3		
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L
1	22X41A0401	4	80	3	4	80	3	5	100	3							32	91	3						
2	22X41A0402	5	100	3	5	100	3				5	100	3							35	100	3		0	
3	22X41A0403	5	100	3	5	100	3							5	100	3					0		35	100	3
4	22X41A0404	5	100	3	5	100	3							4	80	3					0		32	91	3
5	22X41A0405	5	100	3	5	100	3				4	80	3							35	100	3		0	
6	22X41A0406	5	100	3	5	100	3	5	100	3							35	100	3		0			0	
7	22X41A0407	4	80	3	4	80	3	5	100	3							35	100	3		0			0	
8	22X41A0408	4	80	3	4	80	3				5	100	3							35	100	3		0	
9	22X41A0409	5	100	3	5	100	3							5	100	3					0		32	91	3
10	22X41A0410	5	100	3	5	100	3							5	100	3					0		32	91	3
11	22X41A0411	5	100	3	5	100	3				4	80	3							35	100	3		0	
12	22X41A0412	5	100	3	5	100	3	5	100	3							35	100	3		0			0	
13	22X41A0413	4	80	3	4	80	3	5	100	3							35	100	3		0			0	
14	22X41A0414	5	100	3	5	100	3				4	80	3							35	100	3		0	
15	22X41A0415	5	100	3	5	100	3							3	60	2					0		32	91	3
16	22X41A0416	5	100	3	5	100	3							4	80	3							35	100	3
17	22X41A0417	5	100	3	5	100	3				4	80	3							35	100	3		0	

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA -521108

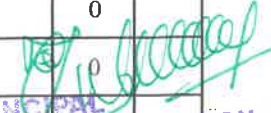
18	22X41A0418	5	100	3	5	100	3		80	3							35	100	3		0			0		
19	22X41A0419	5	100	3	5	100	3	5	100	3								35	100	3		0			0	
20	22X41A0420	4	80	3	4	80	3		0		4	80	3								35	100	3		0	
21	22X41A0421	5	100	3	5	100	3		0					5	100	3						0		35	100	3
22	22X41A0423	5	100	3	5	100	3		0					5	100	3						0		35	100	3
23	22X41A0424	5	100	3	5	100	3		0		4	80	3								35	100	3		0	
24	22X41A0425	5	100	3	5	100	3	5	100	3								35	100	3		0			0	
25	22X41A0426	5	100	3	5	100	3	3	60	2								35	100	3		0			0	
26	22X41A0427	4	80	3	4	80	3		0		4	80	3								35	100	3		0	
27	22X41A0428	5	100	3	5	100	3		0					5	100	3						0		35	100	3
28	22X41A0429	5	100	3	5	100	3		0					4	80	3						0		35	100	3
29	22X41A0430	5	100	3	5	100	3		0		3	60	2								35	100	3		0	
30	22X41A0431	5	100	3	5	100	3	3	60	2								35	100	3		0			0	
31	22X41A0432	5	100	3	5	100	3	4	80	3								35	100	3		0			0	
32	22X41A0433	5	100	3	5	100	3		0		4	80	3								35	100	3		0	
33	22X41A0434	5	100	3	5	100	3		0					5	100	3						0		35	100	3
34	22X41A0435	4	80	3	4	80	3		0					5	100	3						0		35	100	3
35	22X41A0436	4	80	3	4	80	3		0		5	100	3									0				0
36	22X41A0437	4	80	3	5	100	3	5	100	3								35	100	3		0			0	
37	22X41A0438	5	100	3	5	100	3	5	100	3								35	100	3		0			0	
38	22X41A0439	5	100	3	5	100	3		0		5	100	3								35	100	3		0	
39	22X41A0440	4	80	3	4	80	3		0					5	100	3						0		35	100	3
40	22X41A0441	5	100	3	5	100	3		0					5	100	3						0		35	100	3
41	22X41A0442	5	100	3	5	100	3		0		5	100	3								35	100	3		0	
42	22X41A0443	5	100	3	5	100	3	5	100	3								35	100	3		0			0	

35 100 3
 PRINCIPAL
 SRM INSTITUTE OF TECHNOLOGY
 ENIKENADU, VIJAYAVADA-621 012

43	22X41A0444	5	100	3	5	100	3	-	100	3						35	100	3		0		0		
44	22X41A0445	4	80	3	4	80	3		0		4	80	3						35	100	3	0		
45	22X41A0446	5	100	3	5	100	3		0				4	80	3					0		35	100	3
46	22X41A0447	5	100	3	5	100	3		0				4	80	3					0		35	100	3
47	22X41A0448	5	100	3	5	100	3		0		5	100	3						35	100	3		0	
48	22X41A0449	4	80	3	4	80	3	5	100	3										0			0	
49	22X41A0450	4	80	3	4	80	3	5	100	3							35	100	3		0		0	
50	22X41A0451	4	80	3	4	80	3		0		5	100	3						32	91	3		0	
51	22X41A0452	5	100	3	5	100	3		0				5	100	3					0		35	100	3
52	22X41A0453	5	100	3	5	100	3		0				3	60	2					0		35	100	3
53	22X41A0454	5	100	3	5	100	3		0		5	100	3						35	100	3		0	
54	22X41A0455	5	100	3	5	100	3	5	100	3							35	100	3		0		0	
55	22X41A0456	5	100	3	5	100	3	5	100	3							35	100	3		0		0	
56	22X41A0457	5	100	3	5	100	3		0		5	100	3						35	100	3		0	
57	22X41A0458	4	80	3	5	100	3		0				4	80	3					0		32	91	3
58	22X41A0459	4	80	3	5	100	3		0				5	100	3					0		32	91	3
59	22X41A0460	5	100	3	4	80	3		0		5	100	3						35	100	3		0	
60	22X41A0461	5	100	3	5	100	3	4	80	3							35	100	3		0		0	
61	22X41A0462	5	100	3	5	100	3	5	100	3							35	100	3		0		0	
62	22X41A0463	5	100	3	5	100	3		0		5	100	3						35	100	3		0	
63	22X41A0464	5	100	3	5	100	3		0				4	80	3					0		35	100	3
64	22X41A0465	5	100	3	5	100	3		0				3	60	2					0		35	100	3
65	22X41A0466	5	100	3	5	100	3		0		4	80	3						35	100	3		0	
66	22X41A0467	5	100	3	5	100	3	4	80	3							32	91	3		0		0	
67	22X41A0468	5	100	3	5	100	3	4	80	3							35	100	3		0		0	


 SRK INSTITUTE OF TECHNOLOGY
 ENIKEPADU, VIJAYAWADA-521 11

68	22X41A0469	5	100	3	5	100	3	0	4	80	3							35	100	3	0		
69	22X41A0470	5	100	3	5	100	3	0				5	100	3					0		35	100	3
70	22X41A0471	5	100	3	5	100	3	0				5	100	3					0		35	100	3
71	22X41A0472	5	100	3	5	100	3	0	3	60	2							28	80	3	0		
72	22X41A0473	5	100	3	5	100	3	5	100	3						35	100	3	0		0		
73	22X41A0474	5	100	3	5	100	3	4	80	3						35	100	3	0		0		
74	22X41A0475	5	100	3	5	100	3	0	3	60	2							35	100	3	0		
75	22X41A0476	5	100	3	5	100	3	0				3	60	2					0		35	100	3
76	22X41A0477	5	100	3	5	100	3	0				4	80	3					0		35	100	
77	22X41A0478	4	80	3	4	80	3	0	5	100	3							35	100	3	0		
78	22X41A0479	5	100	3	5	100	3	4	80	3						35	100	3	0		0		
79	22X41A0480	5	100	3	5	100	3	4	80	3						35	100	3	0		0		
80	22X41A0482	5	100	3	5	100	3	0	5	100	3							35	100	3	0		
81	22X41A0483	4	80	3	5	100	3	0				4	80	3					0		35	100	3
82	22X41A0484	5	100	3	5	100	3	0				3	60	2					0		35	100	3
83	22X41A0485	5	100	3	5	100	3	0	4	80	3							35	100	3	0		
84	22X41A0486	5	100	3	5	100	3	5	100	3						35	100	3	0		0		
85	22X41A0487	4	80	3	4	80	3	5	100	3						32	91	3	0		0		
86	22X41A0488	4	80	3	4	80	3	0	5	100	3							32	91	3	0		
87	22X41A0489	5	100	3	5	100	3	0				4	80	3					0		35	100	3
88	22X41A0490	5	100	3	5	100	3	0				4	80	3					0		35	100	3
89	22X41A0491	5	100	3	5	100	3	0	3	60	2							35	100	3	0		
90	22X41A0492	5	100	3	5	100	3	4	80	3						35	100	3	0		0		
91	22X41A0493	5	100	3	5	100	3	5	100	3						35	100	3	0				
92	22X41A0494	4	80	3	4	80	3	0	4	80	3								0				


 PRINCIPAL
 SRK INSTITUTE OF TECHNOLOGY
 BHIKERAPU, VIJAYAWADA-521 108.

93	22X41A0495	5	100	3	5	100	3							4	80	3					0		35	100	3		
94	22X41A0496	5	100	3	5	100	3							4	80	3					0		28	80	3		
95	22X41A0498	5	100	3	5	100	3				4	80	3							0		35	100	3	0		
96	22X41A0499	5	100	3	5	100	3	4	80	3									32	91	3		0		0		
97	22X41A04A0	5	100	3	5	100	3	4	80	3									35	100	3		0		0		
98	22X41A04A1	5	100	3	5	100	3				4	80	3							0		35	100	3	0		
99	22X41A04A2	4	80	3	5	100	3							4	80	3					0			0	32	91	3
100	22X41A04A3	5	100	3	5	100	3							5	100	3					0			0	35	100	3
101	22X41A04A4	5	100	3	5	100	3				4	80	3							0		28	80	3		0	
102	22X41A04A5	4	80	3	5	100	3	3	60	2									32	91	3		0			0	
103	22X41A04A6	5	100	3	5	100	3	3	60	2									35	100	3		0			0	
104	22X41A04A7	4	80	3	5	100	3				5	100	3							0		32	91	3		0	
105	22X41A04A8	4	80	3	5	100	3							4	80	3					0			0	32	91	3
106	22X41A04A9	5	100	3	5	100	3							4	80	3					0			0	35	100	3
AVERAGE		5	95.3	3	5	96.6	3	3	37.1	2.9	4.3	86.3	2.9	4.3	85.6	2.9	32	78.1	3	34.3	30.8	3	34.1	33.4	3		
COURSE OUTCOMES		CO1-CO3			CO1-CO3			CO 1			CO 2			CO 3			CO 1			CO 2			CO 3				
CO WISE SUM		3			3			2.9			2.9			2.9			3			3			3				

gbs m

Chellappa

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 'Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF SCIENCE AND HUMANITIES

CO ATTAINMENT	OBSERVATION	RECORD	INTERNAL EXAM	INTERNAL MARKS	EXTERNAL MARKS	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	INDIRECT ATTAINMENT LEVEL	FINAL ATTAINMENT	EXPECTED LEVEL of ATTAINMENTS	FINAL ATTAINMENT %
CO1	3	3	2.9	2.97	3	2.99	92.63	2.78	2.95	70	98.33
CO2	3	3	2.9	2.97	3	2.99	96.53	2.9	2.97	70	99.00
CO3	3	3	2.9	2.97	3	2.99	92.58	2.78	2.95	70	98.33

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject ENG LAB

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	3					3	3		2							2.95
CO2	3					3	3		2							2.97
CO3	3					3	3		2							2.95

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
26.61					26.61	26.61		17.74						
2.96					2.96	2.96		2.96						

[Handwritten signature]

[Handwritten signature]

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF SCIENCE AND HUMANITIES

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

YEAR-SEM: I-I		A.Y:2022-23						NAME OF LAB: AC LAB									FACULTY NAME: Dr. B.SOWJANYA									
S.NO.	ROLL NO.	Observation			Record			INTERNAL									EXTERNAL									
		CO 1-CO3			CO 1-CO3			CO 1			CO 2			CO 3			CO 1			CO 2			CO 3			
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	
1	22X41A0401	5	100	3	5	100	3	4	80	3							35	100	3							
2	22X41A0402	5	100	3	5	100	3				4	80	3						35	100	3					
3	22X41A0403	5	100	3	5	100	3		0					5	100	3							35	100	3	
4	22X41A0404	5	100	3	5	100	3	4	80	3							35	100	3							
5	22X41A0405	3	60	2	3	60	2				4	80	3						32	91	3					
6	22X41A0406	5	100	3	5	100	3		0					4	80	3							35	100	3	
7	22X41A0407	4	80	3	4	80	3	5	100	3							32	91	3							
8	22X41A0408	4	80	3	4	80	3				4	80	3						32	91	3					
9	22X41A0409	5	100	3	5	100	3							5	100	3							35	100	3	
10	22X41A0410	4	80	3	4	80	3	4	80	3							32	91	3							
11	22X41A0411	5	100	3	5	100	3				4	80	3						35	100	3					
12	22X41A0412	5	100	3	5	100	3							4	80	3							35	100	3	
13	22X41A0413	4	80	3	4	80	3	5	100	3							32	91	3							
14	22X41A0414	5	100	3	5	100	3				4	80	3						35	100	3					
15	22X41A0415	5	100	3	5	100	3							5	100	3							35	100	3	
16	22X41A0416	5	100	3	5	100	3	5	100	3							35	100	3							
17	22X41A0417	5	100	3	5	100	3				4	80	3										35	100	3	

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

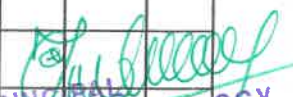
18	22X41A0418	5	100	3	5	100	3							4	8	3	35	100	3						
19	22X41A0419	5	100	3	5	100	3	4	80	3										35	100	3			
20	22X41A0420	4	80	3	4	80	3				5	100	3					35	100	3					
21	22X41A0421	5	100	3	5	100	3							4	80	3				35	100	3			
22	22X41A0423	5	100	3	5	100	3	5	100	3								35	100	3					
23	22X41A0424	5	100	3	4	80	3				4	80	3							32	91	3			
24	22X41A0425	4	80	3	5	100	3							5	100	3	35	100	3						
25	22X41A0426	5	100	3	4	80	3	4	80	3										32	91	3			
26	22X41A0427	5	100	3	5	100	3				4	80	3										35	100	3
27	22X41A0428	5	100	3	5	100	3							4	80	3	35	100	3						
28	22X41A0429	5	100	3	5	100	3	4	80	3										35	100	3			
29	22X41A0430	5	100	3	5	100	3				5	100	3										35	100	3
30	22X41A0431	4	80	3	5	100	3							4	80	3	35	100	3						
31	22X41A0432	5	100	3	5	100	3	5	100	3										32	91	3			
32	22X41A0433	5	100	3	5	100	3				4	80	3										35	100	3
33	22X41A0434	5	100	3	5	100	3							5	100	3	35	100	3						
34	22X41A0435	5	100	3	4	80	3	4	80	3													32	91	3
35	22X41A0436	5	100	3	5	100	3																		
36	22X41A0437	5	100	3	5	100	3							5	100	3	35	100	3						
37	22X41A0438	5	100	3	5	100	3	5	100	3										35	100	3			
38	22X41A0439	5	100	3	5	100	3				4	80	3										35	100	3
39	22X41A0440	5	100	3	5	100	3							5	100	3	35	100	3						
40	22X41A0441	4	80	3	4	80	3	4	80	3										32	91	3			
41	22X41A0442	5	100	3	5	100	3				5	100	3										35	100	3
42	22X41A0443	5	100	3	5	100	3							5	100	3	35	100	3						

SRK INSTITUTE OF TECHNOLOGY
 ENIKEPADU, VIJAYAWADA-521 100.

68	22X41A0469	5	100	3	5	100	3				5	100	3						35	100	3				
69	22X41A0470	5	100	3	5	100	3							5	100	3							35	100	3
70	22X41A0471	5	100	3	4	80	3	5	100	3							32	91	3						
71	22X41A0472	5	100	3	5	100	3				5	100	3							35	100	3			
72	22X41A0473	5	100	3	5	100	3							3	60	2							32	91	3
73	22X41A0474	5	100	3	4	80	3	4	80	3							32	91	3						
74	22X41A0475	5	100	3	5	100	3				5	100	3							35	100	3			
75	22X41A0476	5	100	3	5	100	3							5	100	3							35	100	3
76	22X41A0477	5	100	3	4	80	3	5	100	3							35	100	3						
77	22X41A0478	5	100	3	5	100	3				5	100	3							35	100	3			
78	22X41A0479	5	100	3	5	100	3							5	100	3							35	100	3
79	22X41A0480	5	100	3	5	100	3	5	100	3							35	100	3						
80	22X41A0482	5	100	3	5	100	3							5	100	3	35	100	3						
81	22X41A0483	5	100	3	5	100	3	5	100	3										35	100	3			
82	22X41A0484	5	100	3	5	100	3				4	80	3										35	100	3
83	22X41A0485	4	80	3	5	100	3							5	100	3	35	100	3						
84	22X41A0486	5	100	3	5	100	3	5	100	3										35	100	3			
85	22X41A0487	5	100	3	5	100	3				5	100	3										35	100	3
86	22X41A0488	5	100	3	4	80	3							4	80	3	32	91	3						
87	22X41A0489	5	100	3	4	80	3	5	100	3										35	100	3			
88	22X41A0490	5	100	3	4	80	3				5	100	3										35	100	3
89	22X41A0491	4	80	3	4	80	3							5	100	3	35	100	3						
90	22X41A0492	5	100	3	5	100	3	5	100	3										35	100	3			
91	22X41A0493	5	100	3	5	100	3				5	100	3												
92	22X41A0494	5	100	3	5	100	3																		

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENKERADU, VIJAYAWADA-521 108

43	22X41A0444	5	100	3	5	100	3		100	3									35	100	3					
44	22X41A0445	5	100	3	5	100	3				4	80	3										35	100	3	
45	22X41A0446	5	100	3	5	100	3							5	100	3	35	100	3							
46	22X41A0447	5	100	3	5	100	3	5	100	3										35	100	3				
47	22X41A0448	4	80	3	5	100	3				4	80	3										35	100	3	
48	22X41A0449	4	80	3	4	80	3							4	80	3										
49	22X41A0450	4	80	3	5	100	3	4	80	3							35	100	3							
50	22X41A0451	5	100	3	4	80	3				5	100	3									32	91	3		
51	22X41A0452	5	100	3	5	100	3							5	100	3								35	100	3
52	22X41A0453	5	100	3	5	100	3	5	100	3							35	100	3							
53	22X41A0454	5	100	3	5	100	3				5	100	3									35	100	3		
54	22X41A0455	5	100	3	5	100	3							5	100	3								35	100	3
55	22X41A0456	5	100	3	5	100	3	5	100	3							35	100	3							
56	22X41A0457	5	100	3	5	100	3				3	60	2									35	100	3		
57	22X41A0458	4	80	3	5	100	3							4	80	3								35	100	3
58	22X41A0459	5	100	3	5	100	3	5	100	3							35	100	3							
59	22X41A0460	4	80	3	5	100	3				5	100	3									35	100	3		
60	22X41A0461	5	100	3	4	80	3							5	100	3								35	100	3
61	22X41A0462	5	100	3	5	100	3	5	100	3							35	100	3							
62	22X41A0463	5	100	3	5	100	3				5	100	3									35	100	3		
63	22X41A0464	4	80	3	5	100	3							5	100	3								35	100	3
64	22X41A0465	5	100	3	5	100	3	4	80	3							35	100	3							
65	22X41A0466	5	100	3	5	100	3				5	100	3									35	100	3		
66	22X41A0467	5	100	3	5	100	3							5	100	3										
67	22X41A0468	5	100	3	5	100	3	5	100	3		0										35	100	3		


 PRINCIPAL
 SRK INSTITUTE OF TECHNOLOGY
 ENIKERAPU, VIJAYAWADA-521 108.

CO ATTAINMENT	OBSERVATION	RECORD	INTERNAL EXAM	INTERNAL MARKS	EXTERNAL MARKS	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	INDIRECT ATTAINMENT LEVEL	FINAL ATTAINMENT	EXPECTED LEVEL of ATTAIN	FINAL ATTAINMENT %
CO1	3		3	3	3	3	91.56	2.75	2.95	70	98.33
CO2	3		3	3	3	3	93.58	2.81	2.96	70	98.67
CO3	3		3	3	3	3	90.56	2.72	2.94	70	98.00


SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject AC LAB

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	3	3	3	2		3	1						3	2		2.75
CO2	2	2	1			1	1						3	2		2.81
CO3	3	3	2					2	2	2		1	3	2		2.72

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
22.03	22.03	16.5	5.5		11.06	5.56	5.44	5.44	5.44		2.72	24.84	16.56	
2.75	2.75	2.75	2.75		2.77	2.78	2.72	2.72	2.72		2.72	2.76	2.76	


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521108

SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution


Accredited with NAAC 'A' grade

DEPARTMENT OF SCIENCE AND HUMANITIES




CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

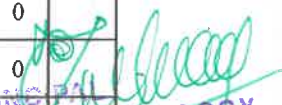
YEAR-SEM: I-I		A.Y:2022-23						NAME OF LAB: PPSC LAB									FACULTY NAME:CH J GAYATHRI/ CH SHIVA RAJESH								
S.NO.	ROLL NO.	Observation			Record			INTERNAL									EXTERNAL								
		CO 1-CO3			CO 1-CO3			CO 1			CO 2			CO 3			CO 1			CO 2			CO 3		
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L
1	22X41A0401	5	100	3	5	100	3	3	60	2		0			0		35	100	3		0			0	
2	22X41A0402	5	100	3	5	100	3		0			0		4	80	3		0		35	100	3		0	
3	22X41A0403	5	100	3	5	100	3		0			0		3	60	2		0			0		31.5	90	3
4	22X41A0404	5	100	3	5	100	3	3	60	2		0		3	60	2	35	100	3		0			0	
5	22X41A0405	5	100	3	5	100	3	3	60	2		0			0			0			0		31.5	90	3
6	22X41A0406	5	100	3	5	100	3	3	60	2		0			0			0			0		31.5	90	3
7	22X41A0407	5	100	3	5	100	3	4	80	3		0			0			0			0		35	100	3
8	22X41A0408	5	100	3	5	100	3		0			0		3	60	2	31.5	90	3		0			0	
9	22X41A0409	5	100	3	5	100	3		0		3	60	2		0		35	100	3		0			0	
10	22X41A0410	5	100	3	5	100	3	4	80	3		0			0			0		35	100	3		0	
11	22X41A0411	5	100	3	5	100	3	3	60	2		0			0			0		35	100	3		0	
12	22X41A0412	5	100	3	5	100	3		0		3	60	2		0			0			0		31.5	90	3
13	22X41A0413	5	100	3	5	100	3		0		4	80	3		0		31.5	90	3		0			0	
14	22X41A0414	5	100	3	5	100	3		0		4	80	3		0			0		35	100	3		0	
15	22X41A0415	5	100	3	5	100	3		0		5	100	3		0			0		35	100	3		0	
16	22X41A0416	5	100	3	5	100	3	5	100	3		0			0		35	100	3		0			0	
17	22X41A0417	5	100	3	5	100	3		0		3	60	2		0			0		35	100	3		0	


 PRINCIPAL
 SRK INSTITUTE OF TECHNOLOGY
 ENIKEPADU, VIJAYAWADA-521108.

18	22X41A0418	5	100	3	5	100	3		0		5	100	3		0		35	100	3		0		0		
19	22X41A0419	5	100	3	5	100	3		0		3	60	2		0			0		35	100	3		0	
20	22X41A0420	5	100	3	5	100	3		0		3	60	2		0			0		31.5	90	3		0	
21	22X41A0421	5	100	3	5	100	3		0		3	60	2		0			0			0		31.5	90	3
23	22X41A0423	5	100	3	5	100	3	5	100	3		0			0		35	100	3		0			0	
24	22X41A0424	5	100	3	5	100	3		0			0		4	80	3		0		35	100	3		0	
25	22X41A0425	5	100	3	5	100	3	5	100	3		0			0			0			0		35	100	3
26	22X41A0426	5	100	3	5	100	3	3	60	2		0			0			0		31.5	90	3		0	
27	22X41A0427	5	100	3	5	100	3	3	60	2		0			0		31.5	90	3		0			0	
28	22X41A0428	5	100	3	5	100	3		0			0		3	60	2		0			0		31.5	90	3
29	22X41A0429	5	100	3	5	100	3	3	60	2		0			0			0		35	100	3		0	
30	22X41A0430	5	100	3	5	100	3		0		3	60	2		0		31.5	90	3		0			0	
31	22X41A0431	5	100	3	5	100	3	3	60	2		0			0			0		35	100	3		0	
32	22X41A0432	5	100	3	5	100	3		0		3	60	2		0		31.5	90	3		0			0	
33	22X41A0433	5	100	3	5	100	3		0		5	100	3		0			0		35	100	3		0	
34	22X41A0434	5	100	3	5	100	3		0			0		5	100	3		0			0		35	100	3
35	22X41A0435	5	100	3	5	100	3		0		3	60	2		0		31.5	90	3		0			0	
36	22X41A0436	5	100	3	5	100	3		0			0			0			0			0			0	
37	22X41A0437	5	100	3	5	100	3		0			0		5	100	3		0		35	100	3		0	
38	22X41A0438	5	100	3	5	100	3	4	80	3		0			0		35	100	3		0			0	
39	22X41A0439	5	100	3	5	100	3		0		3	60	2		0			0		35	100	3		0	
40	22X41A0440	5	100	3	5	100	3		0		5	100	3		0			0			0		35	100	3
41	22X41A0441	5	100	3	5	100	3		0			0		4	80	3	31.5	90	3		0			0	
42	22X41A0442	5	100	3	5	100	3		0			0		3	60	2		0		35	100	3		0	
43	22X41A0443	5	100	3	5	100	3	4	80	3		0			0			0			0			0	


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
INKEPADA, WISATAJAYA-521108.

44	22X41A0444	5	100	3	5	100	3	.	100	3		0			0			35	100	3		0	
45	22X41A0445	5	100	3	5	100	3	3	60	2		0			0			35	100	3		0	
46	22X41A0446	5	100	3	5	100	3	4	80	3		0			0	35	100	3		0			0
47	22X41A0447	5	100	3	5	100	3		0		5	100	3		0				0		35	100	3
48	22X41A0448	5	100	3	5	100	3	4	80	3		0			0				0		35	100	3
49	22X41A0449	5	100	3	5	100	3		0		3	60	2		0				0				0
50	22X41A0450	5	100	3	5	100	3		0		3	60	2		0	31.5	90	3		0			0
51	22X41A0451	5	100	3	5	100	3		0		3	60	2		0			35	100	3		0	
52	22X41A0452	5	100	3	5	100	3		0			0		4	80	3			0		35	100	3
53	22X41A0453	5	100	3	5	100	3		0			0		3	60	2			35	100	3		0
54	22X41A0454	5	100	3	5	100	3	4	80	3		0			0			35	100	3		0	
55	22X41A0455	5	100	3	5	100	3		0		4	80	3		0	35	100	3		0			0
56	22X41A0456	5	100	3	5	100	3		0		4	80	3		0	35	100	3		0			0
57	22X41A0457	5	100	3	5	100	3		0			0		5	100	3			0		35	100	3
58	22X41A0458	5	100	3	5	100	3	4	80	3		0			0			35	100	3		0	
59	22X41A0459	5	100	3	5	100	3	3	60	2		0			0	35	100	3		0			0
60	22X41A0460	5	100	3	5	100	3		0		3	60	2		0				0		35	100	3
61	22X41A0461	5	100	3	5	100	3	3	60	2		0			0	31.5	90	3		0			0
62	22X41A0462	5	100	3	5	100	3		0		3	60	2		0			35	100	3		0	
63	22X41A0463	5	100	3	5	100	3	3	60	2		0			0				0		35	100	3
64	22X41A0464	5	100	3	5	100	3		0		4	80	3		0				0		35	100	3
65	22X41A0465	4	80	3	4	80	3	5	100	3		0			0	35	100	3		0			0
66	22X41A0466	4	80	3	4	80	3		0		5	100	3		0			35	100	3		0	
67	22X41A0467	4	80	3	5	100	3		0			0		5	100	3			0		35	100	3
68	22X41A0468	4	80	3	5	100	3	5	100	3		0			0	31.5	90	3		0			0


 SRK INSTITUTE OF TECHNOLOGY
 ENKEPADU, HJAYAWADA-521 108.

69	22X41A0469	5	100	3	4	80	3		0		5	100	3		0		0		35	100	3		0		
70	22X41A0470	5	100	3	5	100	3		0			0		5	100	3		0			0		28	80	3
71	22X41A0471	4	80	3	4	80	3	5	100	3		0			0		35	100	3		0			0	
72	22X41A0472	5	100	3	5	100	3		0		5	100	3		0			0		35	100	3		0	
73	22X41A0473	4	80	3	4	80	3		0			0		5	100	3		0			0		31.5	90	3
74	22X41A0474	4	80	3	4	80	3	5	100	3		0			0		35	100	3		0			0	
75	22X41A0475	4	80	3	4	80	3		0		5	100	3		0			0		35	100	3		0	
76	22X41A0476	4	80	3	4	80	3		0			0		5	100	3		0			0		31.5	90	3
77	22X41A0477	5	100	3	5	100	3	5	100	3		0			0		35	100	3		0			0	
78	22X41A0478	4	80	3	4	80	3		0		5	100	3		0			0		31.5	90	3		0	
79	22X41A0479	5	100	3	5	100	3		0			0		5	100	3		0			0		35	100	3
80	22X41A0480	4	80	3	4	80	3	5	100	3		0			0		35	100	3		0			0	
81	22X41A0482	5	100	3	4	80	3		0		5	100	3		0			0		35	100	3		0	
82	22X41A0483	5	100	3	4	80	3		0			0		4	80	3		0			0		35	100	3
83	22X41A0484	5	100	3	4	80	3	4	80	3		0			0		31.5	90	3		0			0	
84	22X41A0485	4	80	3	5	100	3		0		4	80	3		0			0		31.5	90	3		0	
85	22X41A0486	4	80	3	4	80	3		0			0		5	100	3		0			0		31.5	90	3
86	22X41A0487	5	100	3	5	100	3	5	100	3		0			0		35	100	3		0			0	
87	22X41A0488	4	80	3	5	100	3		0		4	80	3		0			0		31.5	90	3		0	
88	22X41A0489	5	100	3	4	80	3		0			0		4	80	3		0			0		31.5	90	3
89	22X41A0490	5	100	3	4	80	3	4	80	3		0			0		35	100	3		0			0	
90	22X41A0491	4	80	3	4	80	3		0		5	100	3		0			0		31.5	90	3		0	
91	22X41A0492	4	80	3	5	100	3		0			0		4	80	3		0			0		35	100	3
92	22X41A0493	4	80	3	4	80	3	5	100	3		0			0		35	100	3		0			0	
93	22X41A0494	4	80	3	4	80	3		0		0	0			0			0			0			0	

SRK INSTITUTE OF TECHNOLOGY
 ERIKERADU, VIJAYAWADA-521 108.
 PRINCIPAL
 35 100 3

94	22X41A0495	5	100	3	4	80	3		0			0		5	100			0			0		35	100	3
95	22X41A0496	4	80	3	5	100	3	5	100	3		0			0		35	100	3		0			0	
96	22X41A0498	5	100	3	5	100	3		0		4	80	3		0			0		35	100	3		0	
97	22X41A0499	4	80	3	5	100	3		0			0		5	100	3		0			0		35	100	3
98	22X41A04A0	4	80	3	5	100	3	5	100	3		0			0		35	100	3		0			0	
99	22X41A04A1	4	80	3	5	100	3		0		5	100	3		0			0		35	100	3		0	
100	22X41A04A2	4	80	3	4	80	3		0			0		4	80	3		0			0		31.5	90	3
101	22X41A04A3	5	100	3	5	100	3	5	100	3		0			0		35	100	3		0			0	
102	22X41A04A4	5	100	3	5	100	3		0		5	100	3		0			0		35	100	3		0	
103	22X41A04A5	4	80	3	5	100	3	5	100	3		0			0			0			0		35	100	3
104	22X41A04A6	4	80	3	4	80	3		0		5	100	3		0		35	100	3		0			0	
105	22X41A04A7	4	80	3	5	100	3		0		4	80	3		0			0		31.5	90	3		0	
106	22X41A04A8	5	100	3	5	100	3		0			0		5	100	3		0			0		35	100	3
107	22X41A04A9	4	80	3	4	80	3		0		5	100	3		0		31.5	90	3		0			0	
AVERAGE		4.75	94.9	3	4.78	95.7	3	4.08	30	2.67	3.93	30.38	2.63	4.23	20.8	2.8	33.8	31.9	3	33.4	33.3	3	1	29	3
COURSE OUTCOMES		CO1-CO3			CO1-CO3			CO1			CO2			CO3			CO1			CO2			CO3		
CO WISE SUM		3			3			2.67			2.63			2.77			3			3			3		

See



PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF SCIENCE AND HUMANITIES

21-22 CP/101

CO ATTAINMENT	OBSERVATION	RECORD	INTERNAL EXAM	INTERNAL MARKS	EXTERNAL MARKS	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	INDIRECT ATTAINMENT LEVEL	FINAL ATTAINMENT	EXPECTED LEVEL of ATTAIN	FINAL ATTAINMENT %
CO1	2.9	2.7	2.2	2.6	3	2.88	91.56	2.75	2.85	70	95
CO2	2.9	2.7	2.4	2.67	3	2.9	93.58	2.81	2.88	70	96
CO3	2.9	2.7	2.3	2.63	3	2.89	90.56	2.72	2.86	70	95.33

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject PPSC LAB

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	3	2				3		2	2				3		2	2.85
CO2	3	3				3		2	2				3		2	2.88
CO3	3	3				3		2	2				3		2	2.86

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
25.77	22.92				25.77		17.18	17.18				25.77		17.18
2.86	2.87				2.86		2.86	2.86				2.86		2.86

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521108

SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF SCIENCE AND HUMANITIES



CO-PO Matrix for all Courses I-II

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
MII	2.05	2.05		2.02										2.03	
AP	1.81	1.81	1.81									1.82			
OOPS	1.89	1.89	1.89											1.89	
NA	1.62	1.6	1.6										1.6		
BEE	1.88	1.89	1.89	1.88									1.88		
EWL	2.89	2.89	2.89										2.89		
APL	2.95	2.95			2.95			2.95	2.95						
BEEL	2.9	2.17	2.17	2.17		2.17	2.17						2.17		
AVERAGE	2.25	2.16	2.04	2.02	2.95	2.17	2.17	2.95	2.95			1.82	2.14	1.96	

2022-23 Admitted Batch Semester Wise Average Attainments

SEMESTER	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
I-I	2.24	2.19	2.13	2.08	2.11	2.62	2.5	2.84	2.88	2.54		2.25	2.86	2.02	2.96
I-II	2.25	2.16	2.04	2.02	2.95	2.17	2.17	2.95	2.95			1.82	2.14	1.96	

Signature of HoD

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

YEAR-SEM: I-II		A.Y:2022-23									SUBJECT: MATHEMATICS-II									FACULTY NAME: B.V.RAMAKRISHNARAO, B.V.V.M.SRIVIDYA									EXTERNAL MARKS					
S.NO.	ROLL NO.	Q1			Q2			MID-1			ONLINE			ASSIGNMENT			Q1			Q2			MID EXAM - II			Marks	%	L						
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L							Marks	%	L
1	22X41A0401	7	70	3	8	80	3	5	50	1	7	35	0	5	100	3	10	100	3	8	80	3	5	50	1	6	30	0	5	100	3	49	70	3
2	22X41A0402	3	30	0	3	30	0	10	100	3	10	50	1	5	100	3	10	100	3	0	0	0	1	10	0	7	35	0	5	100	3	21	30	0
3	22X41A0403	5	50	1	8	80	3	2	20	0	9	45	1	5	100	3	10	100	3	8	80	3	4	40	1	7	35	0	5	100	3	49	70	3
4	22X41A0404	10	100	3	3	30	0	6	60	2	13	65	2	5	100	3	8	80	3	7	70	3	3	30	0	8	70	3	5	100	3	42	60	2
5	22X41A0405	5	50	1	0	0	0	0	0	0	10	50	1	5	100	3	8	80	3	1	10	0	0	0	0	14	65	2	5	100	3	21	30	0
6	22X41A0406	8	80	3	3	30	0	0	0	0	12	60	2	5	100	3	10	100	3	10	100	3	4	40	1	13	50	1	5	100	3	35	50	1
7	22X41A0407	10	100	3	6	60	2	10	100	3	12	60	2	5	100	3	10	100	3	10	100	3	5	50	1	10	45	1	5	100	3	63	90	3
8	22X41A0408	5	50	1	3	30	0	1	10	0	13	65	2	5	100	3	9	90	3	7	70	3	0	0	0	9	65	2	5	100	3	42	60	2
9	22X41A0409	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	10	100	3	10	100	3	10	100	3	13	50	1	5	100	3	63	90	3
10	22X41A0410	1	10	0	0	0	0	2	20	0	7	35	0	5	100	3	8	80	3	5	50	1	0	0	0	10	85	3	5	100	3	21	30	0
11	22X41A0411	10	100	3	10	100	3	10	100	3	14	70	3	5	100	3	10	100	3	10	100	3	10	100	3	17	45	1	5	100	3	70	100	3
12	22X41A0412	5	50	1	4	40	1	4	40	1	8	40	1	5	100	3	10	100	3	10	100	3	6	60	2	9	80	3	5	100	3	42	60	2
13	22X41A0413	8	80	3	3	30	0	3	30	0	13	65	2	5	100	3	5	50	1	8	80	3	4	40	1	16	60	2	5	100	3	42	60	2
14	22X41A0414	5	50	1	1	10	0	1	10	0	14	70	3	5	100	3	7	70	3	7	70	3	1	10	0	12	80	3	5	100	3	35	50	1
15	22X41A0415	10	100	3	7	70	3	10	100	3	14	70	3	5	100	3	10	100	3	10	100	3	9	90	3	16	75	3	5	100	3	56	80	3
16	22X41A0416	10	100	3	10	100	3	10	100	3	17	85	3	5	100	3	10	100	3	10	100	3	10	100	3	15	75	3	5	100	3	70	100	3
17	22X41A0417	3	30	0	3	30	0	1	10	0	14	70	3	5	100	3	6	60	2	8	80	3	3	30	0	15	55	2	5	100	3	35	50	1
18	22X41A0418	7	70	3	4	40	1	2	20	0	9	45	1	5	100	3	10	100	3	6	60	2	7	70	3	11	35	0	5	100	3	49	70	3
19	22X41A0419	2	20	0	4	40	1	7	70	3	5	25	0	5	100	3	8	80	3	5	50	1	6	60	2	7	40	1	5	100	3	42	60	2
20	22X41A0420	7	70	3	2	20	0	10	100	3	13	65	2	5	100	3	7	70	3	8	80	3	5	50	1	8	50	1	5	100	3	42	60	2
21	22X41A0421	5	50	1	0	0	0	2	20	0	10	50	1	5	100	3	0	0	0	10	100	3	4	40	1	10	70	3	5	100	3	35	50	1
22	22X41A0423	10	100	3	10	100	3	10	100	3	17	85	3	5	100	3	10	100	3	10	100	3	10	100	3	14	50	1	5	100	3	63	90	3
23	22X41A0424	5	50	1	0	0	0	0	0	0	6	30	0	5	100	3	5	50	1	10	100	3	10	100	3	10	80	3	5	100	3	21	30	0
24	22X41A0425	6	60	2	7	70	3	10	100	3	15	75	3	5	100	3	10	100	3	5	50	1	7	70	3	16	50	1	5	100	3	42	60	2
25	22X41A0426	2	20	0	3	30	0	5	50	1	7	35	0	5	100	3	7	70	3	4	40	1	0	0	0	10	20	0	5	100	3	21	30	0
26	22X41A0427	1	10	0	3	30	0	6	60	2	6	30	0	5	100	3	10	100	3	6	60	2	1	10	0	4	75	3	5	100	3	35	50	1
27	22X41A0428	2	20	0	3	30	0	4	40	1	6	30	0	5	100	3	5	50	1	5	50	1	3	30	0	15	20	0	5	100	3	21	30	0
28	22X41A0429	2	20	0	4	40	1	3	30	0	7	35	0	5	100	3	5	50	1	8	80	3	6	60	2	4	50	1	5	100	3	42	60	2
29	22X41A0430	5	50	1	4	40	1	4	40	1	14	70	3	5	100	3	9	90	3	10	100	3	4	40	1	10	45	1	5	100	3	56	80	3
30	22X41A0431	5	50	1	3	30	0	1	10	0	17	85	3	5	100	3	7	70	3	7	70	3	0	0	0	9	75	3	5	100	3	42	60	2
31	22X41A0432	5	50	1	3	30	0	5	50	1	13	65	2	5	100	3	10	100	3	10	100	3	5	50	1	15	45	1	5	100	3	42	60	2
32	22X41A0433	10	100	3	3	30	0	6	60	2	13	65	2	5	100	3	8	80	3	10	100	3	5	50	1	9	70	3	5	100	3	60	70	3
33	22X41A0434	10	100	3	7	70	3	8	80	3	16	80	3	5	100	3	10	100	3	10	100	3	9	90	3	14	30	0	5	100	3	85	90	3
34	22X41A0435	7	70	3	1	10	0	6	60	2	7	35	0	5	100	3	6	60	2	5	50	1	4	40	1	6	0	0	5	100	3	35	50	1

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

YEAR-SEM: I-II		A.Y:2022-23						SUBJECT: MATHEMATICS-II									FACULTY NAME: B.V.RAMAKRISHNARAO, B.V.V.M.SRIVIDYA												EXTERNAL MARKS								
S.NO.	ROLL NO.	Q1			Q2			MID-I			ONLINE			ASSIGNMENT			MID EXAM - II			Q1			Q2			Q3						ONLINE			ASSIGNMENT		
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L				Marks	%	L	Marks	%	L
70	22X41A0472	5	50	1	2	20	0	10	100	3	16	80	3	5	100	3	10	100	3	10	100	3	10	100	3	10	100	3	14	70	3	5	100	3	63	90	3
71	22X41A0473	2	20	0	0	0	0	1	10	0	12	60	2	5	100	3	0	0	0	0	0	0	2	20	0	10	50	1	5	100	3	21	30	0			
72	22X41A0474	7	70	3	5	50	1	7	70	3	16	80	3	5	100	3	5	50	1	10	100	3	10	100	3	14	70	3	5	100	3	49	70	3			
73	22X41A0475	10	100	3	2	20	0	4	40	1	10	50	1	5	100	3	10	100	3	9	90	3	10	100	3	15	75	3	5	100	3	42	60	2			
74	22X41A0476	5	50	1	4	40	1	0	0	0	8	40	1	5	100	3	2	20	0	4	40	1	7	70	3	5	25	0	5	100	3	42	60	2			
75	22X41A0477	9	90	3	5	50	1	9	90	3	11	55	2	5	100	3	10	100	3	10	100	3	10	100	3	16	80	3	5	100	3	56	80	3			
76	22X41A0478	5	50	1	5	50	1	1	10	0	11	55	2	5	100	3	10	100	3	5	50	1	10	100	3	8	40	1	5	100	3	49	70	3			
77	22X41A0479	6	60	2	5	50	1	5	50	1	10	50	1	5	100	3	7	70	3	4	40	1	5	50	1	7	35	0	5	100	3	35	50	1			
78	22X41A0480	5	50	1	3	30	0	2	20	0	8	40	1	5	100	3	2	20	0	4	40	1	4	40	1	11	55	2	5	100	3	21	30	0			
79	22X41A0482	7	70	3	8	80	3	1	10	0	14	70	3	5	100	3	10	100	3	10	100	3	9	90	3	10	50	1	5	100	3	49	70	3			
80	22X41A0483	4	40	1	4	40	1	2	20	0	8	40	1	5	100	3	5	50	1	5	50	1	2	20	0	7	35	0	5	100	3	35	50	1			
81	22X41A0484	10	100	3	10	100	3	0	0	0	11	55	2	5	100	3	2	20	0	5	50	1	3	30	0	11	55	2	5	100	3	21	30	0			
82	22X41A0485	5	50	1	4	40	1	0	0	0	6	30	0	5	100	3	5	50	1	5	50	1	3	30	0	11	55	2	5	100	3	21	30	0			
83	22X41A0486	0	0	0	4	40	1	4	40	1	7	35	0	5	100	3	5	50	1	5	50	1	3	30	0	9	45	1	5	100	3	35	50	1			
84	22X41A0487	10	100	3	4	40	1	2	20	0	12	60	2	5	100	3	10	100	3	10	100	3	6	60	2	14	70	3	5	100	3	35	50	1			
85	22X41A0488	1	10	0	2	20	0	1	10	0	3	15	0	5	100	3	0	0	0	0	0	0	0	0	0	4	20	0	5	100	3	0	0	0			
86	22X41A0489	2	20	0	2	20	0	0	0	0	6	30	0	5	100	3	8	80	3	9	90	3	1	10	0	5	25	0	5	100	3	21	30	0			
87	22X41A0490	5	50	1	3	30	0	2	20	0	9	45	1	5	100	3	10	100	3	6	60	2	5	50	1	8	40	1	5	100	3	49	70	3			
88	22X41A0491	2	20	0	2	20	0	1	10	0	9	45	1	5	100	3	5	50	1	0	0	0	5	50	1	2	10	0	5	100	3	21	30	0			
89	22X41A0492	2	20	0	3	30	0	1	10	0	7	35	0	5	100	3	2	20	0	2	20	0	3	30	0	20	100	3	5	100	3	35	50	1			
90	22X41A0493	4	40	1	2	20	0	2	20	0	10	50	1	5	100	3	10	100	3	10	100	3	7	70	3	15	75	3	5	100	3	21	30	0			
91	22X41A0495	4	40	1	5	50	1	10	100	3	9	45	1	5	100	3	10	100	3	10	100	3	10	100	3	17	85	3	5	100	3	42	60	2			
92	22X41A0496	6	60	2	6	60	2	0	0	0	5	25	0	5	100	3	10	100	3	10	100	3	7	70	3	8	40	1	5	100	3	56	80	3			
93	22X41A0498	10	100	3	7	70	3	5	50	1	17	85	3	5	100	3	10	100	3	10	100	3	9	90	3	18	90	3	5	100	3	42	60	2			
94	22X41A0499	5	50	1	1	10	0	1	10	0	6	30	0	5	100	3	6	60	2	4	40	1	2	20	0	9	45	1	5	100	3	56	80	3			
95	22X41A04A0	8	80	3	5	50	1	5	50	1	11	55	2	5	100	3	10	100	3	10	100	3	4	40	1	14	70	3	5	100	3	56	80	3			
96	22X41A04A1	5	50	1	4	40	1	0	0	0	8	40	1	5	100	3	10	100	3	2	20	0	5	50	1	11	55	2	5	100	3	21	30	0			
97	22X41A04A2	2	20	0	1	10	0	0	0	0	5	25	0	5	100	3	5	50	1	4	40	1	2	20	0	5	25	0	5	100	3	21	30	0			
98	22X41A04A3	10	100	3	2	20	0	3	30	0	10	50	1	5	100	3	10	100	3	10	100	3	9	90	3	8	40	1	5	100	3	56	80	3			
99	22X41A04A4	5	50	1	5	50	1	8	80	3	9	45	1	5	100	3	10	100	3	10	100	3	9	90	3	12	60	2	5	100	3	56	80	3			
100	22X41A04A5	5	50	1	5	50	1	3	30	0	15	75	3	5	100	3	10	100	3	6	60	2	6	60	2	18	90	3	5	100	3	42	60	2			
101	22X41A04A6	2	20	0	2	20	0	1	10	0	14	70	3	5	100	3	8	80	3	5	50	1	10	100	3	11	55	2	5	100	3	30	30	0			
102	22X41A04A7		0	0		0	0		0	0		0	0		5	100	3		0	0		0	0		3	15	0	5	100	3	49	70	3				
103	22X41A04A8	10	100	3	10	100	3	4	40	1	10	50	1	5	100	3	10	100	3	10	100	3	10	100	3	16	80	3	5	100	3	63	90	3			
104	22X41A04A9	5	50	1	4	40	1	3	30	0	10	50	1	5	100	3	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	35	50	1			



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTU Anaparthi

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF SCIENCE AND HUMANITIES

CALCULATION OF LEVEL OF ATTAINMENT FOR COs, POs and PSOs

YEAR-SEM: I-II		A.Y:2022-23						SUBJECT: MATHEMATICS-II									FACULTY NAME: B.V.RAMAKRISHNARAO, B.V.V.M.SRIVIDYA															EXTERNAL MARKS		
S.NO.	ROLL NO.	Q1			Q2			MID-I Q3			ONLINE			ASSIGNMENT			Q1			Q2			MID EXAM - II Q3			ONLINE			ASSIGNMENT					
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L			
AVERAGE		6.44	63.75	1.83	4.88	48.37	1.24	4.66	46.15	1.23	11.05	54.71	1.61	5	100	3	8.07	78.37	2.4	7.23	70.19	2.16	5.69	55.29	1.59	10.74	53.85	1.63	5	100	3	43.36	61.35	1.88
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)		
CO WISE SUM		1.83			1.24			1.23			1.61			3			2.4			2.16			1.59			1.63			3			1.88		

Bruze

[Handwritten signature]

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF SCIENCE AND HUMANITIES

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	1.83	1.59	3	1.88	1.9	92.45	2.77	2.07	65	69.00
CO2	1.24	1.59	3	1.88	1.81	91.02	2.73	1.99	65	66.33
CO3	1.8	1.6	3	1.88	1.9	90.25	2.71	2.06	65	68.67
CO4	2.16	1.61	3	1.88	1.95	90.83	2.73	2.11	65	70.33
CO5	1.59	1.61	3	1.88	1.87	86.39	2.59	2.01	65	67.00

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject MII

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	3	3														2.07
CO2	3	3												1		1.99
CO3	3	3		1										1		2.06
CO4	3	3		1												2.11
CO5	3	3		1												2.01

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
30.72	30.72		6.06										4.05	
2.05	2.05		2.02										2.03	

Birka

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108



CALCULATION OF LEVEL OF ATTAINMENT FOR COs, POs and PSOs

YEAR-SEM: I-II		A.Y:2022-23															SUBJECT: APPLIED PHYSICS															FACULTY NAME: Dr. J. ASHOK															EXTERNAL MARKS		
S.NO.	ROLL NO.	Q1			Q2			MID-1 Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE			ASSIGNMENT			Marks	%	L															
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L																					
1	22X41A0401	10	100	3	6	60	2	9	90	3	10	50	1	5	100	3	7	70	3	5	50	1	5	50	1	12	60	2	5	100	3	42	60	2															
2	22X41A0402	9	90	3	6	60	2	2	20	0	17	85	3	5	100	3	8	80	3	5	50	1	7	70	3	10	50	1	5	100	3	42	60	2															
3	22X41A0403	10	100	3	4	40	1	5	50	1	2	10	0	5	100	3	8	80	3	5	50	1	5	50	1	5	25	0	5	100	3	21	30	0															
4	22X41A0404	10	100	3	3	30	0	6	60	2	17	85	3	5	100	3	9	90	3	5	50	1	8	80	3	7	35	0	5	100	3	21	30	0															
5	22X41A0405	1	10	0	6	60	2	10	100	3	12	60	2	5	100	3	3	30	0		0	0	9	90	3	15	75	3	5	100	3	21	30	0															
6	22X41A0406	7	70	3	7	70	3	10	100	3	13	65	2	5	100	3	3	30	0	7	70	3	6	60	2	7	35	0	5	100	3	42	60	2															
7	22X41A0407	10	100	3	6	60	2	10	100	3	11	55	2	5	100	3	10	100	3	5	50	1		0	0	11	55	2	5	100	3	35	50	1															
8	22X41A0408	6	60	2		0	0	4	40	1	14	70	3	5	100	3	10	100	3	8	80	3		0	0	10	50	1	5	100	3	21	30	0															
9	22X41A0409	10	100	3	10	100	3	10	100	3	15	75	3	5	100	3	10	100	3	5	50	1	7	70	3	13	65	2	5	100	3	63	90	3															
10	22X41A0410	3	30	0		0	0		0	0	6	30	0	5	100	3	9	90	3	5	50	1	3	30	0	14	70	3	5	100	3	21	30	0															
11	22X41A0411	10	100	3	10	100	3	10	100	3	16	80	3	5	100	3	10	100	3	10	100	3	10	100	3	14	70	3	5	100	3	49	70	3															
12	22X41A0412	8	80	3	5	50	1	10	100	3	10	50	1	5	100	3	10	100	3	10	100	3	6	60	2	14	70	3	5	100	3	21	30	0															
13	22X41A0413	7	70	3	4	40	1	8	80	3	8	40	1	5	100	3	8	80	3	7	70	3	7	70	3	13	65	2	5	100	3	49	70	3															
14	22X41A0414	7	70	3	7	70	3	7	70	3	13	65	2	5	100	3	2	20	0		0	0		0	0	9	45	1	5	100	3	21	30	0															
15	22X41A0415	9	90	3	8	80	3	10	100	3	14	70	3	5	100	3	10	100	3	10	100	3	3	30	0	13	65	2	5	100	3	56	80	3															
16	22X41A0416	10	100	3	10	100	3	10	100	3	16	80	3	5	100	3	10	100	3	10	100	3	10	100	3	12	60	2	5	100	3	56	80	3															
17	22X41A0417	8	80	3	3	30	0	10	100	3	11	55	2	5	100	3	8	80	3	10	100	3	5	50	1	14	70	3	5	100	3	21	30	0															
18	22X41A0418	8	80	3	6	60	2	7	70	3	13	65	2	5	100	3	7	70	3	3	30	0	4	40	1	11	55	2	5	100	3	42	60	2															
19	22X41A0419	6	60	2	4	40	1	2	20	0	5	25	0	5	100	3	3	30	0	8	80	3	10	100	3	10	50	1	5	100	3	21	30	0															
20	22X41A0420	8	80	3		0	0	10	100	3	14	70	3	5	100	3	10	100	3	5	50	1	3	30	0	14	70	3	5	100	3	21	30	0															
21	22X41A0421	7	70	3	2	20	0	6	60	2	8	40	1	5	100	3	8	80	3	4	40	1	7	70	3	7	35	0	5	100	3	35	50	1															
22	22X41A0423	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	10	100	3	10	100	3	10	100	3	15	75	3	5	100	3	70	100	3															
23	22X41A0424	3	30	0	3	30	0	10	100	3	8	40	1	5	100	3	3	30	0	8	80	3	3	30	0	6	30	0	5	100	3	21	30	0															
24	22X41A0425	10	100	3	8	80	3	8	80	3	17	85	3	5	100	3	8	80	3	5	50	1	5	50	1	13	65	2	5	100	3	21	30	0															
25	22X41A0426	1	10	0	3	30	0	2	20	0	13	65	2	5	100	3	3	30	0	10	100	3		0	0	12	60	2	5	100	3	21	30	0															
26	22X41A0427	10	100	3	3	30	0	7	70	3	6	30	0	5	100	3	8	80	3	5	50	1		0	0	8	40	1	5	100	3	21	30	0															
27	22X41A0428	10	100	3	5	50	1	10	100	3	13	65	2	5	100	3		0	0	10	100	3	10	100	3	8	40	1	5	100	3	21	30	0															
28	22X41A0429	9	90	3	5	50	1	10	100	3	7	35	0	5	100	3	6	60	2	10	100	3	5	50	1	4	20	0	5	100	3	42	60	2															
29	22X41A0430	10	100	3	8	80	3	7	70	3	12	60	2	5	100	3	10	100	3	5	50	1	6	60	2	14	70	3	5	100	3	42	60	2															
30	22X41A0431	3	30	0	7	70	3	10	100	3	8	40	1	5	100	3	8	80	3	7	70	3		0	0	12	60	2	5	100	3	42	60	2															
31	22X41A0432	3	30	0	3	30	0	10	100	3	9	45	1	5	100	3	10	100	3	1	10	0	7	70	3	10	50	1	5	100	3	21	30	0															
32	22X41A0433	10	100	3		0	0	10	100	3	18	90	3	5	100	3	8	80	3	5	50	1	4	40	1	11	55	2	5	100	3	21	30	0															
33	22X41A0434	10	100	3	3	30	0	10	100	3	15	75	3	5	100	3	9	90	3	5	50	1	10	100	3	12	60	2	5	100	3	21	30	0															
34	22X41A0435	6	60	2		0	0	3	30	0	4	20	0	5	100	3		0	0	6	60	2	2	20	0	5	25	0	5	100	3	30	30	0															

Principal



CALCULATION OF LEVEL OF ATTAINMENT FOR COs, POs and PSOs

YEAR-SEM: I-II		A.Y:2022-23									SUBJECT: APPLIED PHYSICS									FACULTY NAME: Dr. J. ASHOK									EXTERNAL MARKS					
S.NO.	ROLL NO.	Q1			Q2			Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE						ASSIGNMENT		
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L				Marks	%	L
35	22X41A0436		0	0		0	0		0	0					5	100	3		0	0		0	0		0	0		5	100	3	21	30	0	
36	22X41A0437	10	100	3	10	100	3	10	100	3	12	60	2	5	100	3	10	100	3	10	100	3	8	80	3	14	70	3	5	100	3	42	60	2
37	22X41A0438	10	100	3	8	80	3	10	100	3	14	70	3	5	100	3	10	100	3	10	100	3	10	100	3	16	80	3	5	100	3	49	70	3
38	22X41A0439	10	100	3	4	40	1	8	80	3	11	55	2	5	100	3	10	100	3	7	70	3	7	70	3	3	15	0	5	100	3	42	60	2
39	22X41A0440	10	100	3	8	80	3	10	100	3	15	75	3	5	100	3	10	100	3	10	100	3	10	100	3	12	60	2	5	100	3	42	60	2
40	22X41A0441	10	100	3	4	40	1	3	30	0	15	75	3	5	100	3	8	80	3	5	50	1	3	30	0	18	90	3	5	100	3	21	30	0
41	22X41A0442	10	100	3	8	80	3	10	100	3	17	85	3	5	100	3	10	100	3	10	100	3	8	80	3	13	65	2	5	100	3	56	80	3
42	22X41A0443	10	100	3	3	30	0	10	100	3	12	60	2	5	100	3	10	100	3	5	50	1	7	70	3	9	45	1	5	100	3	42	60	2
43	22X41A0444	10	100	3	10	100	3	10	100	3	14	70	3	5	100	3	10	100	3	10	100	3	10	100	3	12	60	2	5	100	3	49	70	3
44	22X41A0445	7	70	3	5	50	1	10	100	3	12	60	2	5	100	3	3	30	0	5	50	1	3	30	0	9	45	1	5	100	3	21	30	0
45	22X41A0446	10	100	3	10	100	3	10	100	3	18	90	3	5	100	3	10	100	3	10	100	3	10	100	3	15	75	3	5	100	3	49	70	3
46	22X41A0447	9	90	3	6	60	2	10	100	3	16	80	3	5	100	3	10	100	3	8	80	3	8	80	3	17	85	3	5	100	3	70	100	3
47	22X41A0448	8	80	3		0	0	9	90	3	12	60	2	5	100	3	3	30	0	6	60	2	10	100	3	18	90	3	5	100	3	35	50	1
48	22X41A0450	10	100	3	8	80	3	1	10	0	15	75	3	5	100	3	8	80	3	10	100	3	3	30	0	10	50	1	5	100	3	21	30	0
49	22X41A0451	8	80	3	3	30	0		0	0	16	80	3	5	100	3	5	50	1	10	100	3	8	80	3	9	45	1	5	100	3	21	30	0
50	22X41A0452	10	100	3	10	100	3	10	100	3	13	65	2	5	100	3	8	80	3	8	80	3	10	100	3	7	35	0	5	100	3	56	80	3
51	22X41A0453	10	100	3	3	30	0	5	50	1	15	75	3	5	100	3	8	80	3	5	50	1	6	60	2	10	50	1	5	100	3	42	60	2
52	22X41A0454	10	100	3	10	100	3	10	100	3	17	85	3	5	100	3	10	100	3	8	80	3	10	100	3	10	50	1	5	100	3	49	70	3
53	22X41A0455	10	100	3	8	80	3	10	100	3	13	65	2	5	100	3	10	100	3	5	50	1	10	100	3	13	65	2	5	100	3	49	70	3
54	22X41A0456	10	100	3	1	10	0	10	100	3	9	45	1	5	100	3	10	100	3	5	50	1	10	100	3	8	40	1	5	100	3	42	60	2
55	22X41A0457	10	100	3	10	100	3	10	100	3	19	95	3	5	100	3	10	100	3	8	80	3	10	100	3	13	65	2	5	100	3	42	60	2
56	22X41A0458	10	100	3	10	100	3	8	80	3	13	65	2	5	100	3	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	42	60	2
57	22X41A0459	10	100	3	10	100	3	10	100	3			0	5	100	3	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	49	70	3
58	22X41A0460	10	100	3	10	100	3	10	100	3	16	80	3	5	100	3	10	100	3	5	50	1	7	70	3	13	65	2	5	100	3	70	100	3
59	22X41A0461	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	10	100	3		0	0	10	100	3	11	55	2	5	100	3	21	30	0
60	22X41A0462	10	100	3	10	100	3	10	100	3	14	70	3	5	100	3	10	100	3	5	50	1	10	100	3	11	55	2	5	100	3	49	70	3
61	22X41A0463	5	50	1	8	80	3	10	100	3	13	65	2	5	100	3	5	50	1	5	50	1	5	50	1	8	40	1	5	100	3	21	30	0
62	22X41A0464	10	100	3	3	30	0	10	100	3	11	55	2	5	100	3	10	100	3	5	50	1	6	60	2	10	50	1	5	100	3	56	80	3
63	22X41A0465	8	80	3	6	60	2	10	100	3	13	65	2	5	100	3	8	80	3	4	40	1	3	30	0	11	55	2	5	100	3	21	30	0
64	22X41A0466	8	80	3	10	100	3	10	100	3	13	65	2	5	100	3	7	70	3	10	100	3	6	60	2	10	50	1	5	100	3	21	30	0
65	22X41A0467	10	100	3	10	100	3	10	100	3	8	40	1	5	100	3	10	100	3	5	50	1	10	100	3	2	10	0	5	100	3	42	60	2
66	22X41A0468	6	60	2	8	80	3	10	100	3	10	50	1	5	100	3	4	40	1	10	100	3	10	100	3	6	30	0	5	100	3	49	70	3
67	22X41A0469	10	100	3	8	80	3	4	40	1	8	40	1	5	100	3	3	30	0	10	100	3	8	80	3	7	35	0	5	100	3	49	70	3
68	22X41A0470	10	100	3	8	80	3	10	100	3	13	65	2	5	100	3	10	100	3	10	100	3	10	100	3	14	70	3	5	100	3	49	70	3
69	22X41A0471	10	100	3	2	20	0	3	30	0	12	60	2	5	100	3	3	30	0	1	10	0	1	10	0	11	55	2	5	100	3	30	30	0

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521108



CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSO's

YEAR-SEM: I-II		A.Y:2022-23										SUBJECT: APPLIED PHYSICS										FACULTY NAME: Dr. J. ASHOK										EXTERNAL MARKS					
S.NO.	ROLL NO.	Q1			Q2			MID-I			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE			ASSIGNMENT								
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L						
70	22X41A0472	10	100	3	8	80	3	10	100	3	14	70	3	5	100	3	10	100	3	10	100	3	8	80	3	10	100	3	10	100	3	10	100	3	63	90	3
71	22X41A0473	0	0	0	0	0	0	0	0	0	12	60	2	5	100	3	10	100	3		0	0		0	0	17	85	3	5	100	3	21	30	0			
72	22X41A0474	8	80	3	8	80	3	10	100	3	17	85	3	5	100	3	10	100	3	10	100	3	10	100	3	12	60	2	5	100	3	42	60	2			
73	22X41A0475	10	100	3	8	80	3	10	100	3	19	95	3	5	100	3	10	100	3	5	50	1	7	70	3	12	60	2	5	100	3	49	70	3			
74	22X41A0476	6	60	2	3	30	0	8	80	3	12	60	2	5	100	3	3	30	0	10	100	3	10	100	3	18	90	3	5	100	3	42	60	2			
75	22X41A0477	10	100	3	8	80	3	10	100	3	17	85	3	5	100	3	10	100	3	8	80	3	10	100	3	16	80	3	5	100	3	42	60	2			
76	22X41A0478	10	100	3	10	100	3	10	100	3	5	25	0	5	100	3	9	90	3	5	50	1	10	100	3	7	35	0	5	100	3	21	30	0			
77	22X41A0479	4	40	1	10	100	3	10	100	3	10	50	1	5	100	3	3	30	0	5	50	1	5	50	1	15	75	3	5	100	3	35	50	1			
78	22X41A0480	6	60	2	3	30	0	3	30	0	11	55	2	5	100	3		0	0	10	100	3	6	60	2	12	60	2	5	100	3	35	50	1			
79	22X41A0482	10	100	3	10	100	3	10	100	3	15	75	3	5	100	3	10	100	3	5	50	1	6	60	2	12	60	2	5	100	3	42	60	2			
80	22X41A0483	6	60	2	3	30	0	10	100	3	12	60	2	5	100	3	10	100	3	5	50	1	6	60	2	14	70	3	5	100	3	21	30	0			
81	22X41A0484	1	10	0		0	0	6	60	2	13	65	2	5	100	3		0	0	5	50	1	5	50	1	16	80	3	5	100	3	21	30	0			
82	22X41A0485	6	60	2	4	40	1	10	100	3	15	75	3	5	100	3	10	100	3	5	50	1	8	80	3	12	60	2	5	100	3	21	30	0			
83	22X41A0486	10	100	3	3	30	0	10	100	3	9	45	1	5	100	3	10	100	3	5	50	1	3	30	0	7	35	0	5	100	3	35	50	1			
84	22X41A0487	10	100	3	8	80	3	10	100	3	13	65	2	5	100	3	10	100	3	6	60	2	10	100	3	9	45	1	5	100	3	42	60	2			
85	22X41A0488	4	40	1		0	0		0	0	15	75	3	5	100	3		0	0		0	0		0	0	2	10	0	5	100	3	21	30	0			
86	22X41A0489	4	40	1	6	60	2		0	0	11	55	2	5	100	3	8	80	3	8	80	3		0	0	10	50	1	5	100	3	21	30	0			
87	22X41A0490	10	100	3	10	100	3	10	100	3	14	70	3	5	100	3	10	100	3	10	100	3	10	100	3	8	40	1	5	100	3	21	30	0			
88	22X41A0491	10	100	3	8	80	3	6	60	2	12	60	2	5	100	3	10	100	3	5	50	1	5	50	1	8	40	1	5	100	3	21	30	0			
89	22X41A0492	6	60	2	6	60	2	1	10	0	11	55	2	5	100	3	10	100	3	5	50	1	5	50	1	12	60	2	5	100	3	21	30	0			
90	22X41A0493	10	100	3	6	60	2	7	70	3	11	55	2	5	100	3	6	60	2	10	100	3	8	80	3	15	75	3	5	100	3	49	70	3			
91	22X41A0495	10	100	3	8	80	3	10	100	3	14	70	3	5	100	3	10	100	3	5	50	1	10	100	3	12	60	2	5	100	3	42	60	2			
92	22X41A0496	7	70	3	8	80	3	10	100	3	10	50	1	5	100	3	6	60	2	8	80	3	8	80	3	3	15	0	5	100	3	35	50	1			
93	22X41A0498	10	100	3	9	90	3	10	100	3	14	70	3	5	100	3	10	100	3	8	80	3	10	100	3	13	65	2	5	100	3	63	90	3			
94	22X41A0499	6	60	2		0	0	7	70	3	4	20	0	5	100	3	10	100	3	10	100	3		0	0	16	80	3	5	100	3	21	30	0			
95	22X41A04A0	6	60	2	6	60	2	8	80	3	8	40	1	5	100	3	10	100	3	8	80	3	10	100	3	15	75	3	5	100	3	21	30	0			
96	22X41A04A1	10	100	3	4	40	1	3	30	0	17	85	3	5	100	3		0	0	5	50	1	3	30	0	13	65	2	5	100	3	35	50	1			
97	22X41A04A2	3	30	0		0	0		0	0	7	35	0	5	100	3	7	70	3		0	0		0	0	5	25	0	5	100	3	21	30	0			
98	22X41A04A3	10	100	3	10	100	3	10	100	3	13	65	2	5	100	3	10	100	3	8	80	3	10	100	3	8	40	1	5	100	3	21	30	0			
99	22X41A04A4	10	100	3	10	100	3	10	100	3	13	65	2	5	100	3	10	100	3	5	50	1	3	30	0	12	60	2	5	100	3	42	60	2			
100	22X41A04A5	10	100	3	8	80	3	10	100	3	16	80	3	5	100	3	10	100	3	5	50	1	10	100	3	14	70	3	5	100	3	42	60	2			
101	22X41A04A6	7	70	3	3	30	0	10	100	3	13	65	2	5	100	3	8	80	3	3	30	0	10	100	3	12	60	2	5	100	3	21	30	0			
102	22X41A04A7		0	0		0	0		0	0				5	100	3	8	80	3	5	50	1	4	40	1	13	65	2	5	100	3	30	30	0			
103	22X41A04A8	10	100	3	8	80	3	10	100	3	15	75	3	5	100	3	10	100	3	8	80	3	10	100	3	15	75	3	5	100	3	42	60	2			
104	22X41A04A9	2	20	0	2	20	0	5	50	1	13	65	2	5	100	3	8	80	3	8	80	3		0	0	14	70	3	5	100	3	35	50	1			
AVERAGE		8.14	79.81	2.47	6.58	58.17	1.73	8.33	77.69	2.35	12.37	61.83	2.01	5	100	3	8.3	77.4	2.37	6.98	65.1	1.87	1	63.85	1.91	11.12	55.58	1.7	5	100	3	35	50	1			

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521108



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, K. J. Somaiya

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF SCIENCE AND HUMANITIES

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

YEAR-SEM: I-II		A.Y:2022-23						SUBJECT: APPLIED PHYSICS									FACULTY NAME: Dr. J. ASHOK															EXTERNAL MARKS		
S.NO.	ROLL NO.	Q1			Q2			MID-I Q3			ONLINE			ASSIGNMENT			Q1			Q2			MID EXAM - II Q3			ONLINE			ASSIGNMENT			Marks	%	L
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L						
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE			ASSIGNMENT			CO3			CO4			CO5			ONLINE (CO3-)			ASSIGNMENT			EXTERNAL (COI-		
CO WISE SUM		2.47			1.73			2.35			2.01			3			2.37			1.87			1.91			1.7			3			1.29		

J. Ashok

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF SCIENCE AND HUMANITIES

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	2.47	2.01	3	1.29	1.62	95.93	2.88	1.87	65	62.33
CO2	1.73	2.01	3	1.29	1.51	95.25	2.86	1.78	65	59.33
CO3	2.36	1.88	3	1.29	1.6	93.56	2.81	1.84	65	61.33
CO4	1.87	1.7	3	1.29	1.5	96.95	2.91	1.78	65	59.33
CO5	1.91	1.7	3	1.29	1.51	96.61	2.9	1.79	65	59.67

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject AP

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	3	3	1													1.87
CO2	3	3	1													1.78
CO3	3	2	1									1				1.84
CO4	3	3	1													1.78
CO5	3	2	1									1				1.79

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
27.18	23.55	9.06									3.63			
1.81	1.81	1.81									1.82			

ASB

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

YEAR-SEM: I-II		A.Y:2022-23						SUBJECT: OOPS									FACULTY NAME: CH SHIVA RAJESH												EXTERNAL MARKS								
S.NO.	ROLL NO.	Q1			Q2			MID-I Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE			ASSIGNMENT			Marks	%	L			
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L									
1	22X41A0401	10	100	3	10	100	3		0	0	9	45	1	5	100	3	10	100	3	10	100	3	7	70	3	9	45	1	5	100	3	42	60	2			
2	22X41A0402		0	0	10	100	3	10	100	3	7	35	0	5	100	3	4	40	1	10	100	3	10	100	3	13	65	2	5	100	3	42	60	2			
3	22X41A0403		0	0	10	100	3	6	60	2	8	40	1	5	100	3	6	60	2	10	100	3	10	100	3	8	40	1	5	100	3	42	60	2			
4	22X41A0404		0	0		0	0	10	100	3	7	35	0	5	100	3	8	80	3	10	100	3	10	100	3	10	50	1	5	100	3	35	50	1			
5	22X41A0405		0	0		0	0		0	0	9	45	1	5	100	3	8	80	3	8	80	3		0	0	10	50	1	5	100	3		0	0			
6	22X41A0406		0	0	5	50	1		0	0	14	70	3	5	100	3	4	40	1	10	100	3	10	100	3	8	40	1	5	100	3	35	50	1			
7	22X41A0407		0	0	10	100	3	10	100	3	7	35	0	5	100	3	5	50	1	10	100	3	10	100	3	9	45	1	5	100	3	35	50	1			
8	22X41A0408		0	0	7	70	3		0	0	9	45	1	5	100	3	6	60	2	10	100	3	10	100	3	3	15	0	5	100	3	42	60	2			
9	22X41A0409	10	100	3	6	60	2	10	100	3	9	45	1	5	100	3	10	100	3	10	100	3	10	100	3	10	100	3	7	35	0	5	100	3		0	0
10	22X41A0410		0	0	2	20	0		0	0	8	40	1	5	100	3	10	100	3	10	100	3	10	100	3	7	35	0	5	100	3		0	0			
11	22X41A0411	9	90	3	10	100	3	10	100	3	9	45	1	5	100	3	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	56	80	3			
12	22X41A0412	5	50	1	6	60	2		0	0	5	25	0	5	100	3	2	20	0	10	100	3	10	100	3	5	25	0	5	100	3	42	60	2			
13	22X41A0413		0	0	4	40	1		0	0	9	45	1	5	100	3	6	60	2	10	100	3	10	100	3	6	30	0	5	100	3	42	60	2			
14	22X41A0414		0	0		0	0		0	0	10	50	1	5	100	3	10	100	3	10	100	3	10	100	3	13	65	2	5	100	3	21	30	0			
15	22X41A0415	8	80	3	10	100	3	10	100	3	5	25	0	5	100	3	6	60	2	10	100	3	10	100	3	12	60	2	5	100	3	56	80	3			
16	22X41A0416	9	90	3	10	100	3	10	100	3	12	60	2	5	100	3	10	100	3	10	100	3	10	100	3	12	60	2	5	100	3	63	90	3			
17	22X41A0417	5	50	1	5	50	1		0	0	10	50	1	5	100	3	8	80	3	10	100	3	10	100	3	6	30	0	5	100	3	35	50	1			
18	22X41A0418		0	0	8	80	3		0	0	8	40	1	5	100	3	4	40	1	10	100	3	10	100	3	7	35	0	5	100	3	35	50	1			
19	22X41A0419	10	100	3		0	0	7	70	3	8	40	1	5	100	3	10	100	3	10	100	3	4	40	1	8	40	1	5	100	3	35	50	1			
20	22X41A0420	8	80	3	8	80	3		0	0	8	40	1	5	100	3	8	80	3	10	100	3	10	100	3	8	40	1	5	100	3	42	60	2			
21	22X41A0421		0	0	5	50	1		0	0	4	20	0	5	100	3	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	35	50	1			
22	22X41A0423	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	10	100	3	10	100	3	10	100	3	8	40	1	5	100	3	49	70	3			
23	22X41A0424		0	0	3	30	0		0	0	8	40	1	5	100	3	3	30	0	10	100	3	10	100	3	14	70	3	5	100	3	21	30	0			
24	22X41A0425		0	0	9	90	3	9	90	3	12	60	2	5	100	3	5	50	1	10	100	3	10	100	3	5	25	0	5	100	3	42	60	2			
25	22X41A0426		0	0		0	0		0	0	9	45	1	5	100	3	10	100	3	10	100	3	10	100	3	5	25	0	5	100	3	21	30	0			
26	22X41A0427		0	0	6	60	2		0	0	11	55	2	5	100	3	10	100	3	10	100	3	10	100	3	4	20	0	5	100	3	35	50	1			
27	22X41A0428		0	0	3	30	0		0	0	13	65	2	5	100	3		0	0	10	100	3	10	100	3	4	20	0	5	100	3	21	30	0			
28	22X41A0429	6	60	2	6	60	2		0	0	10	50	1	5	100	3	4	40	1	10	100	3	10	100	3	5	25	0	5	100	3	35	50	1			
29	22X41A0430		0	0	9	90	3		0	0	9	45	1	5	100	3	6	60	2	10	100	3	10	100	3	7	35	0	5	100	3	35	50	1			
30	22X41A0431	5	50	1	6	60	2		0	0	10	50	1	5	100	3	6	60	2	10	100	3	10	100	3	5	25	0	5	100	3	42	60	2			
31	22X41A0432	10	100	3	10	100	3		0	0	12	60	2	5	100	3	10	100	3		0	0		0	0	14	70	3	5	100	3	49	70	3			
32	22X41A0433	5	50	1	5	50	1	5	50	1	18	90	3	5	100	3		0	0	10	100	3		0	0	7	35	0	5	100	3	35	50	1			
33	22X41A0434	10	100	3	7	70	3	4	40	1	17	85	3	5	100	3	10	100	3	10	100	3	10	100	3	15	75	3	5	100	3	42	60	2			
34	22X41A0435		0	0	6	60	2		0	0	12	60	2	5	100	3	9	90	3	9	90	3		0	0	7	35	0	5	100	3						

Handwritten signature and stamp



CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

YEAR-SEM: I-II		A.Y:2022-23						SUBJECT: OOPS									FACULTY NAME: CH SHIVA RAJESH															EXTERNAL MARKS			
S.NO.	ROLL NO.	Q1			Q2			MID-I			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE			ASSIGNMENT						
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L				
35	22X41A0436		0	0	4	40	1		0	0	8	40	1	5	100	3		0	0		0	0		0	0		0	0		0	0		21	30	0
36	22X41A0437	10	100	3	10	100	3	3	30	0	17	85	3	5	100	3	4	40	1	10	100	3	10	100	3	11	55	2	5	100	3	56	80	3	
37	22X41A0438	10	100	3	5	50	1	10	100	3	11	55	2	5	100	3	3	30	0	10	100	3	10	100	3	8	40	1	5	100	3	49	70	3	
38	22X41A0439	3	30	0	10	100	3		0	0	12	60	2	5	100	3	5	50	1	5	50	1	10	100	3	9	45	1	5	100	3	42	60	2	
39	22X41A0440	10	100	3	10	100	3	10	100	3	14	70	3	5	100	3	10	100	3	10	100	3	10	100	3	15	75	3	5	100	3	63	90	3	
40	22X41A0441	10	100	3	10	100	3		0	0	10	50	1	5	100	3	7	70	3	10	100	3	10	100	3	4	20	0	5	100	3	21	30	0	
41	22X41A0442	10	100	3	10	100	3		0	0	9	45	1	5	100	3	4	40	1	10	100	3	10	100	3	5	25	0	5	100	3	42	60	2	
42	22X41A0443	5	50	1	5	50	1		0	0	10	50	1	5	100	3		0	0	4	40	1		0	0	7	35	0	5	100	3	35	50	1	
43	22X41A0444	10	100	3	10	100	3	10	100	3	12	60	2	5	100	3	10	100	3	10	100	3	10	100	3	14	70	3	5	100	3	21	30	0	
44	22X41A0445	10	100	3	10	100	3		0	0	9	45	1	5	100	3	4	40	1	10	100	3	10	100	3	4	20	0	5	100	3	42	60	2	
45	22X41A0446	9	90	3	10	100	3	10	100	3	11	55	2	5	100	3	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	42	60	2	
46	22X41A0447	8	80	3	8	80	3		0	0	15	75	3	5	100	3	6	60	2	10	100	3	10	100	3	16	80	3	5	100	3	56	80	3	
47	22X41A0448	10	100	3		0	0		0	0	17	85	3	5	100	3	5	50	1	5	50	1	5	50	1		0	0	5	100	3	21	30	0	
48	22X41A0450	5	50	1	5	50	1		0	0	10	50	1	5	100	3	9	90	3	10	100	3		0	0	8	40	1	5	100	3	42	60	2	
49	22X41A0451		0	0	5	50	1		0	0	15	75	3	5	100	3	10	100	3	10	100	3	2	20	0	9	45	1	5	100	3	21	30	0	
50	22X41A0452	5	50	1	5	50	1	5	50	1	12	60	2	5	100	3	8	80	3	10	100	3	10	100	3	11	55	2	5	100	3	42	60	2	
51	22X41A0453	6	60	2	5	50	1		0	0	9	45	1	5	100	3	4	40	1	10	100	3	10	100	3	11	55	2	5	100	3	35	50	1	
52	22X41A0454	3	30	0	10	100	3	10	100	3	5	25	0	5	100	3	8	80	3	10	100	3	10	100	3	5	25	0	5	100	3	56	80	3	
53	22X41A0455	10	100	3	10	100	3	3	30	0	5	25	0	5	100	3	8	80	3	10	100	3	10	100	3	10	50	1	5	100	3	42	60	2	
54	22X41A0456	6	60	2	5	50	1		0	0	15	75	3	5	100	3	5	50	1	10	100	3	10	100	3	6	30	0	5	100	3	42	60	2	
55	22X41A0457	8	80	3	10	100	3	10	100	3	9	45	1	5	100	3	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	56	80	3	
56	22X41A0458	7	70	3	7	70	3	7	70	3	14	70	3	5	100	3	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	49	70	3	
57	22X41A0459	5	50	1	5	50	1	5	50	1	8	40	1	5	100	3	6	60	2	10	100	3	10	100	3	11	55	2	5	100	3	21	30	0	
58	22X41A0460	5	50	1	10	100	3	10	100	3	4	20	0	5	100	3	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	49	70	3	
59	22X41A0461	5	50	1	5	50	1		0	0	14	70	3	5	100	3	8	80	3	10	100	3	10	100	3	14	70	3	5	100	3	35	50	1	
60	22X41A0462	4	40	1	10	100	3	10	100	3	8	40	1	5	100	3	7	70	3	10	100	3	10	100	3	12	60	2	5	100	3	49	70	3	
61	22X41A0463		0	0	6	60	2		0	0	4	20	0	5	100	3	6	60	2	10	100	3	10	100	3	3	15	0	5	100	3	21	30	0	
62	22X41A0464	9	90	3		0	0	9	90	3	10	50	1	5	100	3	10	100	3	4	40	1	10	100	3	10	50	1	5	100	3	42	60	2	
63	22X41A0465	10	100	3	10	100	3	4	40	1	5	25	0	5	100	3	7	70	3	7	70	3	7	70	3	9	45	1	5	100	3	21	30	0	
64	22X41A0466	3	30	0	10	100	3	10	100	3	8	40	1	5	100	3	2	20	0	10	100	3	10	100	3	9	45	1	5	100	3	42	60	2	
65	22X41A0467	5	50	1	10	100	3	10	100	3	11	55	2	5	100	3	10	100	3	6	60	2	10	100	3	9	45	1	5	100	3	49	70	3	
66	22X41A0468	9	90	3	9	90	3		0	0	6	30	0	5	100	3	10	100	3	10	100	3	3	30	0	6	30	0	5	100	3	49	70	3	
67	22X41A0469	9	90	3	9	90	3		0	0	6	30	0	5	100	3	6	60	2	10	100	3	10	100	3	7	35	0	5	100	3	49	70	3	
68	22X41A0470	10	100	3	10	100	3	10	100	3	12	60	2	5	100	3	10	100	3	10	100	3	10	100	3	13	65	2	5	100	3	56	80	3	
69	22X41A0471	9	90	3	9	90	3		0	0	6	30	0	5	100	3	10	100	3	10	100	3	10	100	3	4	20	0	5	100	3	49	70	3	

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

YEAR-SEM: I-II		A.Y:2022-23						SUBJECT: OOPS									FACULTY NAME: CH SHIVA RAJESH												EXTERNAL MARKS					
S.NO.	ROLL NO.	Q1			Q2			MID-I Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE			ASSIGNMENT			Marks	%	L
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L						
70	22X41A0472	10	100	3	10	100	3	10	100	3	12	60	2	5	100	3	9	90	3	10	100	3	10	100	3	9	45	1	5	100	3	49	70	3
71	22X41A0473		0	0	5	50	1		0	0	6	30	0	5	100	3	6	60	2	6	60	2		0	0	7	35	0	5	100	3	21	30	0
72	22X41A0474	7	70	3	7	70	3		0	0	10	50	1	5	100	3	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	49	70	3
73	22X41A0475	3	30	0	10	100	3	10	100	3	7	35	0	5	100	3	10	100	3	10	100	3	10	100	3	7	35	0	5	100	3	42	60	2
74	22X41A0476	8	80	3	8	80	3		0	0	7	35	0	5	100	3	6	60	2	10	100	3	10	100	3	9	45	1	5	100	3	49	70	3
75	22X41A0477	8	80	3	10	100	3	10	100	3	15	75	3	5	100	3	10	100	3	10	100	3	10	100	3	7	35	0	5	100	3	35	50	1
76	22X41A0478	6	60	2	8	80	3	8	80	3	5	25	0	5	100	3	4	40	1	10	100	3	10	100	3	6	30	0	5	100	3	35	50	1
77	22X41A0479	7	70	3	7	70	3		0	0	8	40	1	5	100	3	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	35	50	1
78	22X41A0480		0	0	8	80	3		0	0	8	40	1	5	100	3	6	60	2	10	100	3	10	100	3	9	45	1	5	100	3	35	50	1
79	22X41A0482		0	0	9	90	3	9	90	3	13	65	2	5	100	3	10	100	3	10	100	3	10	100	3	7	35	0	5	100	3	56	80	3
80	22X41A0483	9	90	3	10	100	3	10	100	3	10	50	1	5	100	3	9	90	3	10	100	3	10	100	3	6	30	0	5	100	3	42	60	2
81	22X41A0484	10	100	3		0	0		0	0	7	35	0	5	100	3	9	90	3	9	90	3		0	0	7	35	0	5	100	3	21	30	0
82	22X41A0485	5	50	1	5	50	1	5	50	1	6	30	0	5	100	3	10	100	3	10	100	3	10	100	3	5	25	0	5	100	3	21	30	0
83	22X41A0486	7	70	3	10	100	3		0	0	6	30	0	5	100	3	10	100	3	10	100	3	10	100	3	13	65	2	5	100	3	42	60	2
84	22X41A0487	5	50	1	5	50	1	5	50	1	13	65	2	5	100	3	10	100	3	10	100	3	10	100	3	13	65	2	5	100	3	42	60	2
85	22X41A0488		0	0		0	0		0	0	6	30	0	5	100	3	9	90	3	9	90	3		0	0	4	20	0	5	100	3	21	30	0
86	22X41A0489		0	0	8	80	3		0	0	8	40	1	5	100	3	10	100	3	6	60	2	10	100	3	6	30	0	5	100	3	21	30	0
87	22X41A0490		0	0	9	90	3	9	90	3	13	65	2	5	100	3	10	100	3	10	100	3	6	60	2	9	45	1	5	100	3	56	80	3
88	22X41A0491	6	60	2	5	50	1	6	60	2	11	55	2	5	100	3	5	50	1	10	100	3	5	50	1	3	15	0	5	100	3	35	50	1
89	22X41A0492	5	50	1	6	60	2		0	0	8	40	1	5	100	3	2	20	0	10	100	3	10	100	3	10	50	1	5	100	3	21	30	0
90	22X41A0493	5	50	1	5	50	1	5	50	1	8	40	1	5	100	3	10	100	3	10	100	3	10	100	3	7	35	0	5	100	3	42	60	2
91	22X41A0494	9	90	3	10	100	3	10	100	3		0	0	5	100	3		0	0		0	0		0	0		0	0	5	100	3	56	80	3
92	22X41A0496	10	100	3	10	100	3		0	0	11	55	2	5	100	3	6	60	2	10	100	3	10	100	3	8	40	1	5	100	3	42	60	2
93	22X41A0498	6	60	2	10	100	3	10	100	3	9	45	1	5	100	3	10	100	3	10	100	3	10	100	3	14	70	3	5	100	3	42	60	2
94	22X41A0499		0	0	5	50	1		0	0	4	20	0	5	100	3	6	60	2	5	50	1	5	50	1	8	40	1	5	100	3	21	30	0
95	22X41A04A0	9	90	3	9	90	3		0	0	6	30	0	5	100	3	5	50	1	10	100	3	10	100	3	7	35	0	5	100	3	49	70	3
96	22X41A04A1		0	0		0	0		0	0		0	0	5	100	3	6	60	2	10	100	3	10	100	3	11	55	2	5	100	3	21	30	0
97	22X41A04A2		0	0	6	60	2		0	0	4	20	0	5	100	3	8	80	3	10	100	3	10	100	3	6	30	0	5	100	3	56	80	3
98	22X41A04A3	9	90	3	9	90	3		0	0	7	35	0	5	100	3	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	42	60	2
99	22X41A04A4	9	90	3	10	100	3	10	100	3	9	45	1	5	100	3	6	60	2	10	100	3	10	100	3	9	45	1	5	100	3	49	70	3
100	22X41A04A5	10	100	3	10	100	3	2	20	0	12	60	2	5	100	3	9	90	3	9	90	3		0	0	11	55	2	5	100	3	35	50	1
101	22X41A04A6	10	100	3	2	20	0		0	0	10	50	1	5	100	3		0	0	9	90	3	9	90	3	6	30	0	5	100	3	21	30	0
102	22X41A04A7	7	70	3	7	70	3	7	70	3		0	0	5	100	3	7	70	3	10	100	3	10	100	3	7	35	0	5	100	3	35	50	1
103	22X41A04A8		0	0		0	0		0	0	13	65	2	5	100	3		0	0		0	0		0	0		0	0	5	100	3	21	30	0
104	22X41A04A9		0	0	2	20	0		0	0	13	65	2	5	100	3	10	100	3	10	100	3		0	0		0	0	5	100	3	21	30	0

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA -521108

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

YEAR-SEM: I-II		A.Y:2022-23									SUBJECT: OOPS															FACULTY NAME: CH SHIVA RAJESH															EXTERNAL MARKS		
S.NO.	ROLL NO.	Q1			Q2			MID-I Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE			ASSIGNMENT			Marks	%	L									
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L												
AVERAGE		7.58	51.73	1.57	7.61	68.08	2.05	8.15	36.83	1.1	9.53	46.3	1.17	5	100	3	7.61	70.96	2.18	9.51	91.44	2.76	9.48	82.02	2.45	8.48	41.15	0.88	5	100	3	39.09	54.23	1.6									
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			SIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			SIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)											
CO WISE SUM		1.57			2.05			1.1			1.17			3			2.18			2.76			2.45			0.88			3			1.6											

Sue

[Handwritten Signature]

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKERADU, VIJAYAWADA-521 108,



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF SCIENCE AND HUMANITIES

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	1.57	1.17	3	1.6	1.62	95.8	2.87	1.87	65	62.33
CO2	2.05	1.17	3	1.6	1.69	92	2.76	1.9	65	63.33
CO3	1.64	0.51	3	1.6	1.57	87	2.61	1.78	65	59.33
CO4	2.76	0.9	3	1.6	1.77	87	2.61	1.94	65	64.67
CO5	2.45	0.9	3	1.6	1.73	87	2.61	1.91	65	63.67

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject OOPS

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	3	1	2											2		1.87
CO2	3	1	2											2		1.9
CO3	3	1	2											2		1.78
CO4	3	1	2											2		1.94
CO5	3	1	2											2		1.91

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
28.29	9.43	18.86											18.86	
1.89	1.89	1.89											1.89	

Sue

[Signature]

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 168:

CALCULATION OF LEVEL OF ATTAINMENT FOR COs, POs and PSOs

YEAR-SEM: I-II		A.Y:2022-23						SUBJECT: NA									FACULTY NAME: Ms. T.MANOJNA												EXTERNAL MARKS					
S.NO.	ROLL NO.	Q1			Q2			Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE			ASSIGNMENT			Marks	%	L
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L						
1	22X41A0401	2	20	0	1	10	0	7	70	3	7	35	0	5	100	3	10	100	3	10	100	3	7	70	3	4	20	0	5	100	3	49	70	3
2	22X41A0402	3	30	0		0	0	4	40	1	6	30	0	5	100	3	10	100	3	9	90	3		0	0	5	25	0	5	100	3	42	60	2
3	22X41A0403	2	20	0		0	0	6	60	2	8	40	1	5	100	3	7	70	3	3	30	0	5	50	1	6	30	0	5	100	3	35	50	1
4	22X41A0404	4	40	1		0	0	9	90	3	6	30	0	5	100	3	8	80	3	10	100	3	4	40	1	8	40	1	5	100	3	35	50	1
5	22X41A0405		0	0		0	0		0	0		0	0	5	100	3	7	70	3		0	0		0	0	3	15	0	5	100	3	21	30	0
6	22X41A0406	4	40	1		0	0	8	80	3	7	35	0	5	100	3	5	50	1	6	60	2	4	40	1	6	30	0	5	100	3	35	50	1
7	22X41A0407	8	80	3	10	100	3	10	100	3	6	30	0	5	100	3	9	90	3		0	0	10	100	3	7	35	0	5	100	3	35	50	1
8	22X41A0408		0	0		0	0	8	80	3	8	40	1	5	100	3	7	70	3	10	100	3		0	0	6	30	0	5	100	3	21	30	0
9	22X41A0409	7	70	3	10	100	3	9	90	3	7	35	0	5	100	3	9	90	3	10	100	3	9	90	3	9	45	1	5	100	3	63	90	3
10	22X41A0410		0	0		0	0	6	60	2	6	30	0	5	100	3	9	90	3	4	40	1	2	20	0	8	40	1	5	100	3		0	0
11	22X41A0411	6	60	2	10	100	3	10	100	3	7	35	0	5	100	3	7	70	3		0	0	10	100	3	12	60	2	5	100	3	49	70	3
12	22X41A0412	2	20	0	7	70	3	9	90	3	6	30	0	5	100	3	3	30	0	7	70	3	3	30	0	3	15	0	5	100	3	35	50	1
13	22X41A0413	3	30	0		0	0	6	60	2	4	20	0	5	100	3	7	70	3	8	80	3	2	20	0	10	50	1	5	100	3	56	80	3
14	22X41A0414		0	0		0	0		0	0	4	20	0	5	100	3	8	80	3	9	90	3		0	0	8	40	1	5	100	3	21	30	0
15	22X41A0415	4	40	1	10	100	3	9	90	3	3	15	0	5	100	3	8	80	3	4	40	1	7	70	3	10	50	1	5	100	3	42	60	2
16	22X41A0416	8	80	3	10	100	3	10	100	3	8	40	1	5	100	3	10	100	3	10	100	3	10	100	3	13	65	2	5	100	3	42	60	2
17	22X41A0417		0	0		0	0	6	60	2	10	50	1	5	100	3	10	100	3	7	70	3	7	70	3	6	30	0	5	100	3	21	30	0
18	22X41A0418	8	80	3	3	30	0	8	80	3	6	30	0	5	100	3	5	50	1	6	60	2	2	20	0	7	35	0	5	100	3	42	60	2
19	22X41A0419	3	30	0		0	0		0	0	4	20	0	5	100	3	4	40	1	5	50	1	8	80	3	6	30	0	5	100	3	21	30	0
20	22X41A0420	3	30	0	6	60	2		0	0	6	30	0	5	100	3	8	80	3	10	100	3	10	100	3	6	30	0	5	100	3	21	30	0
21	22X41A0421	1	10	0		0	0	8	80	3	5	25	0	5	100	3	7	70	3	10	100	3		0	0	4	20	0	5	100	3	42	60	2
22	22X41A0423	4	40	1	10	100	3	9	90	3	6	30	0	5	100	3	8	80	3	10	100	3	10	100	3	6	30	0	5	100	3	49	70	3
23	22X41A0424	3	30	0	1	10	0		0	0	0	0	0	5	100	3	4	40	1		0	0	9	90	3	12	60	2	5	100	3	21	30	0
24	22X41A0425		0	0	2	20	0	8	80	3	8	40	1	5	100	3	8	80	3	10	100	3	8	80	3	9	45	1	5	100	3	42	60	2
25	22X41A0426		0	0		0	0	6	60	2	8	40	1	5	100	3	9	90	3		0	0	6	60	2	6	30	0	5	100	3	35	50	1
26	22X41A0427	8	80	3		0	0	3	30	0	8	40	1	5	100	3	9	90	3		0	0		0	0	2	10	0	5	100	3	35	50	1
27	22X41A0428		0	0		0	0	2	20	0	2	10	0	5	100	3	8	80	3	3	30	0	5	50	1	6	30	0	5	100	3	21	30	0
28	22X41A0429	4	40	1	2	20	0	7	70	3	3	15	0	5	100	3	3	30	0	7	70	3	5	50	1	8	40	1	5	100	3	35	50	1
29	22X41A0430	2	20	0	1	10	0	8	80	3	4	20	0	5	100	3	4	40	1	5	50	1	8	80	3	8	40	1	5	100	3	42	60	2
30	22X41A0431	3	30	0		0	0	7	70	3	4	20	0	5	100	3	7	70	3	3	30	0	7	70	3	6	30	0	5	100	3	42	60	2
31	22X41A0432	1	10	0		0	0	3	30	0	6	30	0	5	100	3	8	80	3		0	0	5	50	1	3	15	0	5	100	3	35	50	1
32	22X41A0433	2	20	0		0	0	8	80	3	8	40	1	5	100	3	5	50	1	10	100	3	6	60	2	14	70	3	5	100	3	63	90	3
33	22X41A0434	6	60	2	10	100	3	8	80	3	3	15	0	5	100	3	10	100	3	10	100	3	9	90	3	18	90	3	5	100	3	63	90	3
34	22X41A0435		0	0	4	40	1	7	70	3	6	30	0	5	100	3	6	60	2	6	60	2	5	50	1	8	40	1	5	100	3	21	30	0

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA - 521108

CALCULATION OF LEVEL OF ATTAINMENT FOR COs, POs and PSOs

YEAR-SEM: I-II		A.Y:2022-23									SUBJECT: NA									FACULTY NAME: Ms. T.MANOOGNA									EXTERNAL MARKS					
S.NO.	ROLL NO.	Q1			Q2			Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE						ASSIGNMENT		
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L			
35	22X41A0436		0	0		0	0		0	0	8	40	1	5	100	3		100	3		90	3		100	3		0	0	5	100	3	21	30	0
36	22X41A0437	7	70	3	8	80	3	9	90	3	6	30	0	5	100	3	10	80	3	9	100	3	10	100	3	18	90	3	5	100	3	42	60	2
37	22X41A0438	4	40	1	10	100	3	9	90	3	6	30	0	5	100	3	8	80	3	10	90	3	10	0	0	4	20	0	5	100	3	63	90	3
38	22X41A0439	4	40	1		0	0	8	80	3	4	20	0	5	100	3	8	100	3	9	100	3		100	3	5	25	0	5	100	3	35	50	1
39	22X41A0440	2	20	0	10	100	3	9	90	3	5	25	0	5	100	3	10	90	3	10	0	0	10	0	0	6	30	0	5	100	3	21	30	0
40	22X41A0441	4	40	1		0	0	9	90	3	8	40	1	5	100	3	9	100	3		50	1		60	2	4	20	0	5	100	3	21	30	0
41	22X41A0442	5	50	1	8	80	3	8	80	3	4	20	0	5	100	3	10	100	3	5	40	1	6	0	0	6	30	0	5	100	3	49	70	3
42	22X41A0443	4	40	1		0	0	10	100	3	6	30	0	5	100	3	10	100	3	4	100	3		100	3	8	40	1	5	100	3	42	60	2
43	22X41A0444	7	70	3	10	100	3	9	90	3	10	50	1	5	100	3	10	70	3	10	60	2	10	100	3	4	20	0	5	100	3	35	50	1
44	22X41A0445	3	30	0	8	80	3	7	70	3	6	30	0	5	100	3	7	100	3	6	100	3	10	100	3	4	20	0	5	100	3	42	60	2
45	22X41A0446	7	70	3	10	100	3	10	100	3	7	35	0	5	100	3	10	60	2	10	80	3	10	0	0	8	40	1	5	100	3	56	80	3
46	22X41A0447	3	30	0		0	0	9	90	3	8	40	1	5	100	3	6	90	3	8	60	2		0	0	8	40	1	5	100	3	42	60	2
47	22X41A0448		0	0		0	0	8	80	3	5	25	0	5	100	3	9	90	3	6	20	0		60	2	11	55	2	5	100	3	21	30	0
48	22X41A0450	4	40	1	1	10	0	9	90	3	6	30	0	5	100	3	9	80	3	2	40	1	6	30	0	8	40	1	5	100	3	35	50	1
49	22X41A0451	4	40	1		0	0	8	80	3	6	30	0	5	100	3	8	80	3	4	40	1	3	30	0	14	70	3	5	100	3	21	30	0
50	22X41A0452		0	0		0	0	8	80	3	2	10	0	5	100	3	7	70	3	10	100	3	10	100	3	3	15	0	5	100	3	42	60	2
51	22X41A0453	3	30	0		0	0	8	80	3	4	20	0	5	100	3	9	90	3	8	80	3		0	0	10	50	1	5	100	3	35	50	1
52	22X41A0454	4	40	1	6	60	2	8	80	3	8	40	1	5	100	3	8	80	3	10	100	3	6	60	2	6	30	0	5	100	3	42	60	2
53	22X41A0455	3	30	0	6	60	2	7	70	3	4	20	0	5	100	3	9	90	3	6	60	2		0	0	6	30	0	5	100	3	42	60	2
54	22X41A0456	4	40	1		0	0	9	90	3	7	35	0	5	100	3	7	70	3	8	80	3	5	50	1	6	30	0	5	100	3	35	50	1
55	22X41A0457	5	50	1	10	100	3	9	90	3	4	20	0	5	100	3	5	50	1	10	100	3	8	80	3	6	30	0	5	100	3	35	50	1
56	22X41A0458	3	30	0	4	40	1	9	90	3	2	10	0	5	100	3	8	80	3	10	100	3	8	80	3	6	30	0	5	100	3	35	50	1
57	22X41A0459	3	30	0	4	40	1	2	20	0	4	20	0	5	100	3	10	100	3	9	90	3	9	90	3	7	35	0	5	100	3	49	70	3
58	22X41A0460	3	30	0	10	100	3	9	90	3	6	30	0	5	100	3	9	90	3	8	80	3	10	100	3	10	50	1	5	100	3	49	70	3
59	22X41A0461	4	40	1		0	0	9	90	3	4	20	0	5	100	3	10	100	3	8	80	3		0	0	9	45	1	5	100	3	35	50	1
60	22X41A0462	3	30	0	6	60	2	8	80	3	8	40	1	5	100	3	9	90	3	8	80	3	10	100	3	10	50	1	5	100	3	42	60	2
61	22X41A0463	7	70	3	2	20	0	8	80	3	5	25	0	5	100	3	2	20	0		0	0		0	0	5	25	0	5	100	3	21	30	0
62	22X41A0464	6	60	2	5	50	1	8	80	3	9	45	1	5	100	3	8	80	3	10	100	3		0	0	10	50	1	5	100	3	42	60	2
63	22X41A0465		0	0		0	0	6	60	2	10	50	1	5	100	3	10	100	3		0	0	3	30	0	8	40	1	5	100	3	21	30	0
64	22X41A0466	5	50	1	3	30	0		0	0	6	30	0	5	100	3	8	80	3	8	80	3	2	20	0	4	20	0	5	100	3	35	50	1
65	22X41A0467	2	20	0	2	20	0	9	90	3	2	10	0	5	100	3	10	100	3	5	50	1	2	20	0	3	15	0	5	100	3	35	50	1
66	22X41A0468	2	20	0		0	0	8	80	3	5	25	0	5	100	3	10	100	3	10	100	3	9	90	3	4	20	0	5	100	3	49	70	3
67	22X41A0469	2	20	0		0	0	6	60	2	4	20	0	5	100	3	7	70	3	10	100	3	8	80	3	5	25	0	5	100	3	50	70	3
68	22X41A0470	3	30	0		0	0	8	80	3	10	50	1	5	100	3	10	100	3	10	100	3	10	100	3	8	40	1	5	100	3	42	60	2
69	22X41A0471		0	0		0	0	6	60	2	6	30	0	5	100	3	3	30	0	2	20	0	5	50	1	5	25	0	5	100	3	21	30	0

SRK INSTITUTE OF TECHNOLOGY
VIJAYAWADA
521108



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF SCIENCE AND HUMANITIES

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

YEAR-SEM: I-II		A.Y:2022-23						SUBJECT: NA						FACULTY NAME: Ms. T.MANOOGNA												EXTERNAL MARKS								
S.NO.	ROLL NO.	Q1			Q2			MID-I Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3						ONLINE			ASSIGNMENT		
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L			
AVERAGE		4.17	31.25	0.7	6.07	26.25	0.74	7.78	68.08	2.35	5.8	28.16	0.27	5	100	3	7.7	72.02	2.32	7.8	65.67	2.04	1	50.38	1.49	6.99	34.62	0.53	5	100	3	35.49	49.23	1.24
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)		
CO WISE SUM		0.7			0.74			2.35			0.27			3			2.32			2.04			1.49			0.53			3			1.24		

(Handwritten Signature)

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY
VIJAYAWADA

SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF SCIENCE AND HUMANITIES

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	0.7	0.27	3	1.24	1.15	98.44	2.95	1.51	65	50.33
CO2	0.74	0.27	3	1.24	1.16	98.44	2.95	1.52	65	50.67
CO3	2.32	0.4	3	1.24	1.41	97.78	2.93	1.71	65	57.00
CO4	2.04	0.53	3	1.24	1.38	98.89	2.97	1.7	65	56.67
CO5	1.49	0.53	3	1.24	1.29	97.78	2.93	1.62	65	54.00

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject NA

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	2	3											3			1.51
CO2	3	2	2										3			1.52
CO3	3	2											2			1.71
CO4	3	2	1										3			1.7
CO5	2		2										2			1.62

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
21.05	14.39	7.98										20.85		
1.62	1.6	1.6										1.6		

Handwritten signature

Handwritten signature

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108 Approved by AICTE,
 Affiliated to JNTUK, Kakinada
 ISO 9001:2015 Certified Institution
 Accredited with NAAC 'A' grade
DEPARTMENT OF SCIENCE AND HUMANITIES

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

BRANCH: ECE		YEAR-SEM: I-II						SUBJECT: BEE						AY: 2022-23						FACULTY NAME: Ms. V.Siva Kumari/ Mr. G.Sri Harsha						EXTERNAL MARKS								
S.NO.	ROLL NO.	MID EXAM - I												MID EXAM - II																				
		Q1			Q2			Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3						ONLINE			ASSIGNMENT		
1	22X41A0401	10	100	3	10	100	3	8	80	3	6	30	0	5	100	3	10	100	3	9	90	3	8	80	3	8	40	1	5	100	3	42	60	2
2	22X41A0402	9	90	3	0	0	0	10	100	3	9	45	1	5	100	3	8	80	3	7	70	3	8	80	3	8	40	1	5	100	3	21	30	0
3	22X41A0403	8	80	3	7	70	3	7	70	3	7	35	0	5	100	3	10	100	3	10	100	3	10	100	3	8	40	1	5	100	3	42	60	2
4	22X41A0404	10	100	3	10	100	3	8	80	3	10	50	1	5	100	3	7	70	3	6	60	2	8	80	3	11	55	2	5	100	3	42	60	2
5	22X41A0405	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	6	60	2	9	90	3	5	50	1	9	45	1	5	100	3	21	30	0
6	22X41A0406	9	90	3	10	100	3	5	50	1	4	20	0	5	100	3	8	80	3	10	100	3	6	60	2	7	35	0	5	100	3	35	50	1
7	22X41A0407	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	10	100	3	10	100	3	6	60	2	11	55	2	5	100	3	49	70	3
8	22X41A0408	0	0	0	0	0	0	0	0	0	8	40	1	5	100	3	7	70	3	6	60	2	7	70	3	8	40	1	5	100	3	21	30	0
9	22X41A0409	10	100	3	10	100	3	10	100	3	4	20	0	5	100	3	10	100	3	8	80	3	10	100	3	5	25	0	5	100	3	49	70	3
10	22X41A0410	9	90	3	1	10	0	0	0	0	4	20	0	5	100	3	5	50	1	10	100	3	8	80	3	4	20	0	5	100	3	0	0	0
11	22X41A0411	10	100	3	10	100	3	9	90	3	8	40	1	5	100	3	10	100	3	9	90	3	10	100	3	9	45	1	5	100	3	63	90	3
12	22X41A0412	10	100	3	3	30	0	10	100	3	8	40	1	5	100	3	8	80	3	9	90	3	3	30	0	6	30	0	5	100	3	35	50	1
13	22X41A0413	8	80	3	0	0	0	7	70	3	7	35	0	5	100	3	7	70	3	8	80	3	10	100	3	8	40	1	5	100	3	42	60	2
14	22X41A0414	0	0	0	0	0	0	0	0	0	8	40	1	5	100	3	7	70	3	6	60	2	8	80	3	11	55	2	5	100	3	21	30	0
15	22X41A0415	9	90	3	10	100	3	8	80	3	8	40	1	5	100	3	9	90	3	9	90	3	9	90	3	7	35	0	5	100	3	56	80	3
16	22X41A0416	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	56	80	3
17	22X41A0417	8	80	3	10	100	3	8	80	3	10	50	1	5	100	3	10	100	3	6	60	2	10	100	3	5	25	0	5	100	3	35	50	1
18	22X41A0418	10	100	3	10	100	3	6	60	2	9	45	1	5	100	3	9	90	3	8	80	3	3	30	0	2	10	0	5	100	3	42	60	2
19	22X41A0419	5	50	1	2	20	0	2	20	0	6	30	0	5	100	3	9	90	3	6	60	2	10	100	3	6	30	0	5	100	3	42	60	2
20	22X41A0420	8	80	3	6	60	2	0	0	0	8	40	1	5	100	3	9	90	3	8	80	3	7	70	3	10	50	1	5	100	3	35	50	1
21	22X41A0421	10	100	3	0	0	0	1	10	0	5	25	0	5	100	3	10	100	3	6	60	2	0	0	0	6	30	0	5	100	3	21	30	0
22	22X41A0423	10	100	3	10	100	3	10	100	3	6	30	0	5	100	3	10	100	3	10	100	3	10	100	3	5	25	0	5	100	3	56	80	3
23	22X41A0424	0	0	0	10	100	3	3	30	0	13	65	2	5	100	3	6	60	2	0	0	0	6	60	2	6	30	0	5	100	3	21	30	0
24	22X41A0425	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	10	100	3	9	90	3	9	90	3	13	65	2	5	100	3	42	60	2
25	22X41A0426	10	100	3	10	100	3	0	0	0	6	30	0	5	100	3	5	50	1	7	70	3	8	80	3	4	20	0	5	100	3	21	30	0
26	22X41A0427	8	80	3	10	100	3	0	0	0	4	20	0	5	100	3	0	0	0	10	100	3	10	100	3	4	20	0	5	100	3	21	30	0
27	22X41A0428	8	80	3	10	100	3	0	0	0	4	20	0	5	100	3	8	80	3	8	80	3	6	60	2	4	20	0	5	100	3	21	30	0
28	22X41A0429	1	10	0	0	0	0	8	80	3	4	20	0	5	100	3	10	100	3	8	80	3	7	70	3	5	25	0	5	100	3	42	60	2

(Handwritten Signature)

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

29	22X41A0430	6	60	2	10	100	3	3	30	0	6	30	0	5	100	3	8	80	3	7	70	3	6	60	2	8	40	1	5	100	3	35	50	1	
30	22X41A0431	10	100	3	10	100	3	0	0	0	5	25	0	5	100	3	8	80	3	9	90	3	0	0	0	3	15	0	5	100	3	42	60	2	
31	22X41A0432	5	50	1	0	0	0	10	100	3	6	30	0	5	100	3	2	20	0	0	0	0	6	60	2	7	35	0	5	100	3	35	50	1	
32	22X41A0433	8	80	3	10	100	3	5	50	1	14	70	3	5	100	3	10	100	3	8	80	3	3	30	0	11	55	2	5	100	3	42	60	2	
33	22X41A0434	8	80	3	10	100	3	8	80	3	16	80	3	5	100	3	10	100	3	5	50	1	8	80	3	15	75	3	5	100	3	56	80	3	
34	22X41A0435	8	80	3	8	80	3	0	0	0	8	40	1	5	100	3	6	60	2	0	0	0	0	0	0	4	20	0	5	100	3	21	30	0	
35	22X41A0436	0	0	0	0	0	0	0	0	0	7	35	0	5	100	3	0	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	21	30	0
36	22X41A0437	8	80	3	10	100	3	10	100	3	9	45	1	5	100	3	10	100	3	10	100	3	9	90	3	5	25	0	5	100	3	42	60	2	
37	22X41A0438	10	100	3	10	100	3	10	100	3	12	60	2	5	100	3	10	100	3	10	100	3	10	100	3	4	20	0	5	100	3	49	70	3	
38	22X41A0439	8	80	3	9	90	3	7	70	3	6	30	0	5	100	3	0	0	0	0	0	0	0	0	0	3	15	0	5	100	3	35	50	1	
39	22X41A0440	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	63	90	3	
40	22X41A0441	10	100	3	9	90	3	0	0	0	7	35	0	5	100	3	8	80	3	7	70	3	7	70	3	5	25	0	5	100	3	21	30	0	
41	22X41A0442	10	100	3	9	90	3	6	60	2	11	55	2	5	100	3	8	80	3	6	60	2	8	80	3	5	25	0	5	100	3	49	70	3	
42	22X41A0443	10	100	3	10	100	3	9	90	3	7	35	0	5	100	3	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	21	30	0	
43	22X41A0444	10	100	3	10	100	3	9	90	3	12	60	2	5	100	3	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	63	90	3	
44	22X41A0445	9	90	3	9	90	3	7	70	3	6	30	0	5	100	3	9	90	3	6	60	2	2	20	0	7	35	0	5	100	3	21	30	0	
45	22X41A0446	10	100	3	10	100	3	10	100	3	12	60	2	5	100	3	10	100	3	9	90	3	10	100	3	10	50	1	5	100	3	56	80	3	
46	22X41A0447	10	100	3	10	100	3	8	80	3	9	45	1	5	100	3	10	100	3	9	90	3	6	60	2	10	50	1	5	100	3	56	80	3	
47	22X41A0448	7	70	3	10	100	3	0	0	0	7	35	0	5	100	3	9	90	3	9	90	3	10	100	3	10	50	1	5	100	3	42	60	2	
48	22X41A0450	1	10	0	2	20	0	0	0	0	9	45	1	5	100	3	8	80	3	10	100	3	8	80	3	5	25	0	5	100	3	21	30	0	
49	22X41A0451	1	10	0	0	0	0	0	0	0	10	50	1	5	100	3	9	90	3	10	100	3	10	100	3	13	65	2	5	100	3	21	30	0	
50	22X41A0452	10	100	3	10	100	3	10	100	3	14	70	3	5	100	3	9	90	3	9	90	3	8	80	3	11	55	2	5	100	3	42	60	2	
51	22X41A0453	10	100	3	10	100	3	9	90	3	9	45	1	5	100	3	10	100	3	9	90	3	9	90	3	8	40	1	5	100	3	49	70	3	
52	22X41A0454	8	80	3	10	100	3	9	90	3	4	20	0	5	100	3	10	100	3	10	100	3	10	100	3	4	20	0	5	100	3	49	70	3	
53	22X41A0455	8	80	3	10	100	3	10	100	3	4	20	0	5	100	3	10	100	3	10	100	3	9	90	3	12	60	2	5	100	3	49	70	3	
54	22X41A0456	9	90	3	10	100	3	10	100	3	9	45	1	5	100	3	8	80	3	8	80	3	8	80	3	11	55	2	5	100	3	42	60	2	
55	22X41A0457	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	10	100	3	10	100	3	10	100	3	5	25	0	5	100	3	56	80	3	
56	22X41A0458	9	90	3	9	90	3	10	100	3	7	35	0	5	100	3	10	100	3	10	100	3	9	90	3	10	50	1	5	100	3	49	70	3	
57	22X41A0459	10	100	3	10	100	3	9	90	3	13	65	2	5	100	3	7	70	3	8	80	3	10	100	3	8	40	1	5	100	3	56	80	3	
58	22X41A0460	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	10	100	3	8	80	3	8	80	3	12	60	2	5	100	3	56	80	3	
59	22X41A0461	10	100	3	10	100	3	10	100	3	6	30	0	5	100	3	9	90	3	0	0	0	9	90	3	8	40	1	5	100	3	49	70	3	
60	22X41A0462	10	100	3	10	100	3	10	100	3	7	35	0	5	100	3	10	100	3	10	100	3	8	80	3	6	30	0	5	100	3	42	60	2	
61	22X41A0463	10	100	3	10	100	3	6	60	2	12	60	2	5	100	3	5	50	1	0	0	0	4	40	1	3	15	0	5	100	3	21	30	0	
62	22X41A0464	8	80	3	10	100	3	1	10	0	7	35	0	5	100	3	9	90	3	9	90	3	7	70	3	10	50	1	5	100	3	42	60	2	
63	22X41A0465	10	100	3	10	100	3	4	40	1	6	30	0	5	100	3	10	100	3	4	40	1	4	40	1	8	40	1	5	100	3	42	60	2	
64	22X41A0466	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	10	100	3	10	100	3	10	100	3	5	25	0	5	100	3	42	60	2	
65	22X41A0467	10	100	3	8	80	3	10	100	3	5	25	0	5	100	3	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	42	60	2	

Handwritten signature

66	22X41A0468	8	80	3	10	100	3	10	100	3	5	25	0	5	100	3	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	42	60	2	
67	22X41A0469	10	100	3	5	50	1	5	50	1	12	60	2	5	100	3	10	100	3	10	100	3	10	100	3	6	30	0	5	100	3	49	70	3	
68	22X41A0470	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	49	70	3	
69	22X41A0471	4	40	1	10	100	3	10	100	3	10	50	1	5	100	3	10	100	3	4	40	1	4	40	1	4	20	0	5	100	3	21	30	0	
70	22X41A0472	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	42	60	2	
71	22X41A0473	3	30	0	10	100	3	3	30	0	4	20	0	5	100	3	0	0	0	0	0	0	0	0	0	0	4	20	0	5	100	3	21	30	0
72	22X41A0474	5	50	1	10	100	3	5	50	1	11	55	2	5	100	3	10	100	3	10	100	3	10	100	3	6	30	0	5	100	3	21	30	0	
73	22X41A0475	10	100	3	10	100	3	8	80	3	5	25	0	5	100	3	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	42	60	2	
74	22X41A0476	10	100	3	10	100	3	4	40	1	4	20	0	5	100	3	8	80	3	10	100	3	10	100	3	6	30	0	5	100	3	42	60	2	
75	22X41A0477	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	56	80	3	
76	22X41A0478	8	80	3	10	100	3	10	100	3	5	25	0	5	100	3	8	80	3	10	100	3	10	100	3	7	35	0	5	100	3	35	50	1	
77	22X41A0479	10	100	3	8	80	3	10	100	3	10	50	1	5	100	3	5	50	1	10	100	3	5	50	1	4	20	0	5	100	3	35	50	1	
78	22X41A0480	10	100	3	10	100	3	8	80	3	10	50	1	5	100	3	10	100	3	5	50	1	5	50	1	6	30	0	5	100	3	42	60	2	
79	22X41A0482	10	100	3	10	100	3	8	80	3	11	55	2	5	100	3	10	100	3	10	100	3	10	100	3	12	60	2	5	100	3	42	60	2	
80	22X41A0483	10	100	3	8	80	3	10	100	3	7	35	0	5	100	3	10	100	3	10	100	3	6	60	2	7	35	0	5	100	3	21	30	0	
81	22X41A0484	5	50	1	5	50	1	4	40	1	10	50	1	5	100	3	1	10	0	1	10	0	2	20	0	7	35	0	5	100	3	21	30	0	
82	22X41A0485	10	100	3	10	100	3	6	60	2	4	20	0	5	100	3	10	100	3	10	100	3	10	100	3	8	40	1	5	100	3	42	60	2	
83	22X41A0486	6	60	2	10	100	3	10	100	3	6	30	0	5	100	3	5	50	1	5	50	1	10	100	3	9	45	1	5	100	3	42	60	2	
84	22X41A0487	10	100	3	10	100	3	10	100	3	12	60	2	5	100	3	10	100	3	10	100	3	10	100	3	12	60	2	5	100	3	49	70	3	
85	22X41A0488	10	100	3	6	60	2	10	100	3	3	15	0	5	100	3	0	0	0	0	0	0	0	0	0	0	8	40	1	5	100	3	0	0	0
86	22X41A0489	5	50	1	5	50	1	2	20	0	9	45	1	5	100	3	10	100	3	3	30	0	3	30	0	6	30	0	5	100	3	21	30	0	
87	22X41A0490	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	10	100	3	10	100	3	10	100	3	7	35	0	5	100	3	49	70	3	
88	22X41A0491	10	100	3	10	100	3	8	80	3	7	35	0	5	100	3	10	100	3	5	50	1	5	50	1	9	45	1	5	100	3	21	30	0	
89	22X41A0492	10	100	3	10	100	3	8	80	3	5	25	0	5	100	3	10	100	3	3	30	0	3	30	0	6	30	0	5	100	3	21	30	0	
90	22X41A0493	5	50	1	10	100	3	5	50	1	4	20	0	5	100	3	10	100	3	10	100	3	10	100	3	5	25	0	5	100	3	42	60	2	
92	22X41A0495	5	50	1	10	100	3	5	50	1	5	25	0	5	100	3	8	80	3	10	100	3	10	100	3	6	30	0	5	100	3	42	60	2	
93	22X41A0496	8	80	3	10	100	3	10	100	3	8	40	1	5	100	3	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	42	60	2	
94	22X41A0498	10	100	3	8	80	3	10	100	3	7	35	0	5	100	3	10	100	3	10	100	3	10	100	3	8	40	1	5	100	3	42	60	2	
95	22X41A0499	10	100	3	4	40	1	4	40	1	6	30	0	5	100	3	0	0	0	0	0	0	0	0	0	7	35	0	5	100	3	21	30	0	
96	22X41A04A0	10	100	3	10	100	3	10	100	3	4	20	0	5	100	3	10	100	3	10	100	3	10	100	3	6	30	0	5	100	3	21	30	0	
97	22X41A04A1	8	80	3	10	100	3	10	100	3	8	40	1	5	100	3	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	42	60	2	
98	22X41A04A2	5	50	1	5	50	1	2	20	0	8	40	1	5	100	3	4	40	1	2	20	0	2	20	0	5	25	0	5	100	3	21	30	0	
99	22X41A04A3	8	80	3	10	100	3	10	100	3	3	15	0	5	100	3	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	49	70	3	
100	22X41A04A4	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	10	100	3	10	100	3	10	100	3	3	15	0	5	100	3	49	70	3	
101	22X41A04A5	10	100	3	8	80	3	10	100	3	9	45	1	5	100	3	10	100	3	10	100	3	10	100	3	6	30	0	5	100	3	42	60	2	
102	22X41A04A6	10	100	3	8	80	3	10	100	3	9	45	1	5	100	3	10	100	3	5	50	1	5	50	1	8	40	1	5	100	3	21	30	0	
103	22X41A04A7	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	10	100	3	10	100	3	6	60	2	10	50	1	5	100	3	21	30	0	

Wellness

104	22X41A04A8	10	100	3	10	100	3	10	100	3	12	60	2	5	100	3	10	100	3	10	100	3	10	100	3	6	30	0	5	100	3	35	50	1
105	22X41A04A9	6	60	2	10	100	3	10	100	3	5	25	0	5	100	3	10	100	3	2	20	0	2	20	0	8	40	1	5	100	3	35	50	1
AVERAGE		7.9	79	2.5	7.7	76	2	6.1	61	2	8	40	0.8	5	100	3	8.2	82	2.7	7.6	75	2.5	7.4	74	2.4	7.5	38	0.73	5	100	3	38.8	55.5	1.65
COURSE OUTCOME		CO1			CO2			CO3			LINE (CO1-CGNMENT (CO1-			CO3			CO4			CO5			LINE (CO4-CGNMENT (CO			TERNAL (CO1-CO								
CO WISE SUM		2.53			2.31			1.92			0.79			3			2.66			2.5			2.39			0.73			3			1.65		

Principals

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKERAPU, VIJAYAWADA-521 106,



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF SCIENCE AND HUMANITIES

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	2.53	0.79	3	1.65	1.76	94	2.82	1.97	65	65.67
CO2	2.31	0.79	3	1.65	1.73	96	2.88	1.96	65	65.33
CO3	0.98	0.01	3	1.65	1.45	89.82	2.69	1.7	68	86.47
CO4	2.5	0	3	1.65	1.68	89.3	2.68	1.88	65	62.67
CO5	2.39	0	3	1.65	1.66	90.18	2.71	1.87	65	62.33

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject BEE

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	3	3	3	3									1			1.97
CO2	3	3	3	3									1			1.96
CO3	3	2	2	3									1			1.7
CO4	3	3	2	2									1			1.88
CO5	2	3	2	3									1			1.87

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
26.27	26.44	22.69	26.26									9.38		
1.88	1.89	1.89	1.88									1.88		

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015.Certified Institution

Accredited with NAAC 'A' Grade

DEPARTMENT OF SCIENCE AND HUMANITIES

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSO

BRANCH: ECE	YEAR-SEM: I-II	NAME OF LAB: EWS	FACULTY NAME:V.SRILAKSHMI
-------------	----------------	------------------	---------------------------

A.Y:2022-23

S.NO.	ROLL NO.	INTERNAL															EXTERNAL																		
		OBSERVATION RECORD						CO 1			CO 2			CO 3			CO 1			CO 2			CO 3												
		Daywise Performance						M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L										
1	22X41A0401	5	100	3	5	100	3		0.00				0.00			2	40.00	1		0.00			31.5	90.00	3		0.00								
2	22X41A0402	5	100	3	4	80	3	5	100.00	3			0.00			4	80.00	3		0.00				0.00		35	100.00	3							
3	22X41A0403	5	100	3	5	100	3		0.00				0.00																						
4	22X41A0404	5	100	3	5	100	3	3	60.00	2			0.00						35	100.00	3			0.00											
5	22X41A0405	4	80	3	4	80	3	3	60.00	2			0.00						28	80.00	3			0.00											
6	22X41A0406	5	100	3	5	100	3		0.00		2	40.00	1						0.00			31.5	90.00	3											
7	22X41A0407	5	100	3	5	100	3	5	100.00	3			0.00						0.00			35	100.00	3											
8	22X41A0408	5	100	3	5	100	3		0.00		2	40.00	1						0.00			31.5	90.00	3											
9	22X41A0409	5	100	3	5	100	3	5	100.00	3			0.00						0.00			0.00				35	100.00	3							
10	22X41A0410	5	100	3	4	80	3		0.00				0.00			2	40.00	1		0.00			31.5	90.00	3										
11	22X41A0411	5	100	3	5	100	3		0.00				0.00			5	100.00	3	35	100.00	3			0.00											
12	22X41A0412	5	100	3	5	100	3	2	40.00	1			0.00						0.00			31.5	90.00	3											
13	22X41A0413	5	100	3	5	100	3		0.00		5	100.00	3						0.00			35	100.00	3											
14	22X41A0414	5	100	3	5	100	3		0.00				0.00		1	20.00			0.00			28	80.00	3											
15	22X41A0415	5	100	3	5	100	3	5	100.00	3			0.00						0.00			0.00				35	100.00	3							
16	22X41A0416	5	100	3	5	100	3		0.00		5	100.00	3						0.00			35	100.00	3											
17	22X41A0417	5	100	3	5	100	3		0.00		3	60.00	2					35	100.00	3			0.00												
18	22X41A0418	5	100	3	5	100	3		0.00		5	100.00	3						0.00			35	100.00	3											
19	22X41A0419	5	100	3	5	100	3		0.00		2	40.00	1						0.00			28	80.00	3											
20	22X41A0420	5	100	3	5	100	3		0.00		5	100.00	3						0.00			35	100.00	3											
21	22X41A0421	5	100	3	5	100	3		0.00		1	20.00						31.5	90.00	3			0.00												
22	22X41A0423	5	100	3	5	100	3		0.00				0.00		5	100.00	3	35	100.00	3			0.00												
23	22X41A0424	5	100	3	5	100	3		0.00		5	100.00	3						0.00			0.00				31.5	90.00	3							
24	22X41A0425	5	100	3	5	100	3	5	100.00	3			0.00						0.00			35	100.00	3											
25	22X41A0426	5	100	3	5	100	3	2	40.00	1			0.00						0.00			31.5	90.00	3											
26	22X41A0427	5	100	3	5	100	3		0.00		5	100.00	3						0.00			0.00													
27	22X41A0428	5	100	3	5	100	3	3	60.00	2			0.00					28	80.00	3			0.00												
28	22X41A0429	5	100	3	5	100	3	5	100.00	3			0.00						0.00			35	100.00	3											
29	22X41A0430	5	100	3	5	100	3		0.00				0.00		1	20.00			0.00			31.5	90.00	3											
30	22X41A0431	5	100	3	5	100	3	3	60.00	2			0.00						0.00			0.00				31.5	90.00	3							
31	22X41A0432	5	100	3	5	100	3		0.00		3	60.00	2						0.00			0.00				35	100.00	3							
32	22X41A0433	5	100	3	5	100	3		0.00		5	100.00	3						0.00			0.00				35	100.00	3							
33	22X41A0434	5	100	3	5	100	3	5	100.00	3			0.00						0.00			0.00			35	100.00	3								
34	22X41A0435	5	100	3	4	80	3		0.00		1	20.00							0.00			0.00				31.5	90.00	3							
35	22X41A0437	5	100	3	5	100	3	5	100.00	3			0.00						0.00			0.00				35	100.00	3							
36	22X41A0438	5	100	3	5	100	3		0.00		3	60.00	2						0.00			35	100.00	3											
37	22X41A0439	5	100	3	5	100	3		0.00				0.00		1	20.00			0.00			31.5	90.00	3											

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

38	22X41A0440	5	100	3	5	100	3		0.00		5	100.00	3		0.00		35	100.00	3		0.00		0.00		
39	22X41A0441	5	100	3	5	100	3	1	20.00			0.00			0.00		28	80.00	3		0.00		0.00		
40	22X41A0442	5	100	3	5	100	3		0.00			0.00		3	60.00	2		0.00		31.5	90.00	3		0.00	
41	22X41A0443	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00			0.00		35	100.00	3
42	22X41A0444	5	100	3	5	100	3		0.00			0.00		5	100.00	3					0.00		35	100.00	3
43	22X41A0445	5	100	3	5	100	3		0.00		2	40.00	1		0.00			0.00		31.5	90.00	3		0.00	
44	22X41A0446	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		35	100.00	3		0.00	
45	22X41A0447	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		35	100.00	3		0.00	
46	22X41A0448	5	100	3	5	100	3	2	40.00	1		0.00			0.00		31.5	90.00	3		0.00			0.00	
47	22X41A0450	5	100	3	5	100	3		0.00		5	100.00	3		0.00		28	80.00	3		0.00			0.00	
48	22X41A0451	5	100	3	5	100	3	2	40.00	1		0.00			0.00		31.5	90.00	3		0.00			0.00	
49	22X41A0452	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00		31.5	90.00	3		0.00	
50	22X41A0453	5	100	3	5	100	3	0	0.00			0.00			0.00			0.00		31.5	90.00	3		0.00	
51	22X41A0454	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00		35	100.00	3		0.00	
52	22X41A0455	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00			0.00		35	100.00	3
53	22X41A0456	5	100	3	5	100	3		0.00			0.00		3	60.00	2				35	100.00	3		0.00	
54	22X41A0457	5	100	3	5	100	3	5	100.00	3		0.00			0.00		35	100.00	3		0.00			0.00	
55	22X41A0458	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		35	100.00	3		0.00	
56	22X41A0459	5	100	3	5	100	3		0.00			0.00		3	60.00	2				35	100.00	3		0.00	
57	22X41A0460	5	100	3	5	100	3	2	40.00	1		0.00			0.00		31.5	90.00	3		0.00			0.00	
58	22X41A0461	5	100	3	5	100	3		0.00			0.00		3	60.00	2				31.5	90.00	3		0.00	
59	22X41A0462	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00			0.00		31.5	90.00	3
60	22X41A0463	5	100	3	5	100	3	1	20.00			0.00			0.00			0.00			0.00		31.5	90.00	3
61	22X41A0464	5	100	3	5	100	3		0.00			0.00		4	80.00	3				35	100.00	3		0.00	
62	22X41A0465	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00		35	100.00	3		0.00	
63	22X41A0466	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00			0.00		35	100.00	3
64	22X41A0467	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		35	100.00	3		0.00	
65	22X41A0468	5	100	3	5	100	3	2	40.00	1		0.00			0.00		31.5	90.00	3		0.00			0.00	
66	22X41A0469	5	100	3	5	100	3		0.00		4	80.00	3		0.00		35	100.00	3		0.00			0.00	
67	22X41A0470	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00		35	100.00	3		0.00	
68	22X41A0471	5	100	3	5	100	3		0.00			0.00		0	0.00			0.00		28	80.00	3		0.00	
69	22X41A0472	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00			0.00		35	100.00	3
70	22X41A0473	5	100	3	5	100	3		0.00		0	0.00			0.00			0.00			0.00		28	80.00	3
71	22X41A0474	5	100	3	5	100	3	2	40.00	1		0.00			0.00			0.00		0	0.00			0.00	
72	22X41A0475	5	100	3	5	100	3		0.00		2	40.00	1		0.00			0.00		31.5	90.00	3		0.00	
73	22X41A0476	5	100	3	5	100	3		0.00		3	60.00	2		0.00		31.5	90.00	3		0.00			0.00	
74	22X41A0477	5	100	3	5	100	3		0.00		5	100.00	3		0.00		35	100.00	3		0.00			0.00	
75	22X41A0478	5	100	3	5	100	3		0.00		2	40.00	1		0.00			0.00		31.5	90.00	3		0.00	
76	22X41A0479	5	100	3	5	100	3		0.00			0.00		5	100.00	3				35	100.00	3		0.00	
77	22X41A0480	5	100	3	5	100	3	3	60.00	2		0.00			0.00			0.00			0.00		35	100.00	3
78	22X41A0482	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		35	100.00	3		0.00	
79	22X41A0483	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00		35	100.00	3		0.00	
80	22X41A0484	4	80	3	4	80	3		0.00		2	40.00	1		0.00			0.00			0.00		28	80.00	3
81	22X41A0485	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00			0.00		35	100.00	3
82	22X41A0486	5	100	3	5	100	3	3	60.00	2		0.00			0.00			0.00		31.5	90.00	3		0.00	
83	22X41A0487	5	100	3	5	100	3	5	100.00	3		0.00			0.00		35	100.00	3		0.00			0.00	
84	22X41A0488	4	80	3	4	80	3	2	40.00	1		0.00			0.00			0.00		24.5	70.00	3		0.00	
85	22X41A0489	4	80	3	4	80	3		0.00		3	60.00	2		0.00			0.00		31.5	90.00	3		0.00	
86	22X41A0490	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00			0.00		31.5	90.00	3

87	22X41A0491	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00		31.5	90.00	3		0.00	
88	22X41A0492	4	80	3	5	100	3	3	60.00	2		0.00			0.00		31.5	90.00	3		0.00			0.00	
89	22X41A0493	5	100	3	5	100	3		0.00		5	100.00	3		0.00		35	100.00	3		0.00			0.00	
90	22X41A0495	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00		35	100.00	3		0.00	
91	22X41A0496	4	80	3	4	80	3		0.00			0.00	3	60.00	2			0.00			0.00		31.5	90.00	3
92	22X41A0498	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00			0.00		35	100.00	3
93	22X41A0499	4	80	3	4	80	3	5	100.00	3		0.00			0.00			0.00		31.5	90.00	3		0.00	
94	22X41A04A0	5	100	3	5	100	3		0.00		5	100.00	3		0.00		31.5	90.00	3		0.00			0.00	
95	22X41A04A1	4	80	3	4	80	3		0.00		4	80.00	3		0.00		28	80.00	3		0.00			0.00	
96	22X41A04A2	4	80	3	4	80	3	2	40.00	1		0.00			0.00			0.00		35	100.00	3		0.00	
97	22X41A04A3	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		35	100.00	3		0.00	
98	22X41A04A4	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00			0.00		31.5	90.00	3
99	22X41A04A5	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00		31.5	90.00	3		0.00	
100	22X41A04A6	4	80	3	4	80	3		0.00		5	100.00	3		0.00			0.00		28	80.00	3		0.00	
101	22X41A04A7	4	80	3	4	80	3		0.00		2	40.00	1		0.00			0.00			0.00		35	100.00	3
102	22X41A04A8	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00		35	100.00	3		0.00	
103	22X41A04A9	4	80	3	4	80	3		0.00		4	80.00	3		0.00		28	80.00	3		0.00			0.00	
	AVERAGE	4.9	97.7	3	4.9	97.3	3	3.6	27.2	2.3	3.7	34.8	2.4	2.9	8.9	2.3	32.2	22.3	3	32.2	46.5	3	33.4	24.1	3
	CO	CO1-CO3			CO1-CO3			CO 1			CO 2			CO 3			CO 1			CO 2			CO 3		
	CO WISE PERCENTAGE	3			3			2.3			2.4			2.3			3			3			3		

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108:

CO ATTAINMENT	DAYWISE PERFORMANCE		INTERNAL EXAM	INTERNAL MARKS LEVEL	EXTERNAL MARKS LEVEL	DIRECT ATTAINMENT	INDIRECT ATTAINMENT %	INDIRECT ATTAINMENT	FINAL ATTAINMENT LEVELS	EXPECTED LEVEL of ATTAINMENT %	ATTAINMENT %
CO1	3	3	2.3	2.77	3	2.93	91.64	2.75	2.89	70.00	96.33
CO2	3	3	2.4	2.8	3	2.94	92.00	2.76	2.9	70.00	96.67
CO3	3	3	2.3	2.77	3	2.93	90.91	2.73	2.89	70.00	96.33

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for EWS LAB

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	ATTAINMENT LEVEL
CO1	3	2	1										3			2.89
CO2	3	2	1										3			2.9
CO3	3	3	2										3			2.89

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
26.04	20.25	11.57										26.04	0	
2.89	2.89	2.89										2.89	0	

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108
 Approved by AICTE, Affiliated to JNTUK, Kakinada
 ISO 9001:2015 Certified Institution
 Accredited with NAAC 'A' grade
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

YEAR-SEM: I-II		A.Y:2022-23						NAME OF LAB: AP LAB									FACULTY NAME: Dr. Dr. J. ASHOK								
S.NO.	ROLL NO.	Observation			Record			INTERNAL									EXTERNAL								
		CO 1-CO3			CO 1-CO3			CO 1			CO 2			CO 3			CO 1			CO 2			CO 3		
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L
1	22X41A0401	5	100	3	5	100	3	4	80	3							31	89	3						
2	22X41A0402	4	80	3	4	80	3				4	80	3							30	86	3			
3	22X41A0403	4	80	3	5	100	3							4	80	3							33	94	3
4	22X41A0404	4	80	3	4	80	3	3	60	2							30	86	3						
5	22X41A0405	3	60	2	3	60	2				3	60	2										28	80	3
6	22X41A0406	4	80	3	4	80	3							4	80	3				30	86	3			
7	22X41A0407	5	100	3	5	100	3	4	80	3							31	89	3						
8	22X41A0408	4	80	3	4	80	3				4	80	3										30	86	3
9	22X41A0409	5	100	3	5	100	3							4	80	3				33	94	3			
10	22X41A0410	4	80	3	4	80	3	4	80	3							31	89	3						
11	22X41A0411	5	100	3	5	100	3							5	100	3							35	100	3
12	22X41A0412	4	80	3	4	80	3				4	80	3							30	86	3			
13	22X41A0413	4	80	3	4	80	3	4	80	3							31	89	3						
14	22X41A0414	4	80	3	4	80	3							4	80	3							32	91	3
15	22X41A0415	5	100	3	5	100	3				4	80	3							33	94	3			
16	22X41A0416	5	100	3	5	100	3	5	100	3							35	100	3						
17	22X41A0417	4	80	3	4	80	3							4	80	3									

DR. DR. J. ASHOK
 SRK INSTITUTE OF TECHNOLOGY
 ENIKEPADU, VIJAYAWADA -521108

18	22X41A0418	5	100	3	5	100	3				4	80	3					33	94	3				
19	22X41A0419	5	100	3	5	100	3	4	80	3						34	97	3						
20	22X41A0420	4	80	3	3	60	2				4	80	3								30	86	3	
21	22X41A0421	4	80	3	4	80	3							3	60	2		31	89	3				
22	22X41A0423	5	100	3	5	100	3				5	100	3				35	100	3					
23	22X41A0424	4	80	3	4	80	3	4	80	3											32	91	3	
24	22X41A0425	5	100	3	5	100	3							4	80	3		33	94	3				
25	22X41A0426	4	80	3	4	80	3				3	60	2				30	86	3					
26	22X41A0427	4	80	3	4	80	3	4	80	3											30	86	3	
27	22X41A0428	4	80	3	4	80	3							3	60	2		30	86	3				
28	22X41A0429	5	100	3	5	100	3				4	80	3				33	94	3					
29	22X41A0430	5	100	3	5	100	3	5	100	3											35	100	3	
30	22X41A0431	5	100	3	5	100	3							4	80	3		32	91	3				
31	22X41A0432	5	100	3	5	100	3				5	100	3				35	100	3					
32	22X41A0433	5	100	3	5	100	3	5	100	3											35	100	3	
33	22X41A0434	5	100	3	5	100	3							4	80	3		33	94	3				
34	22X41A0435	4	80	3	4	80	3				4	80	3				31	89	3					
35	22X41A0436	3	60	2	3	60	2	3	60	2											25	71	3	
36	22X41A0437	5	100	3	5	100	3							5	100	3		35	100	3				
37	22X41A0438	5	100	3	5	100	3				5	100	3				35	100	3					
38	22X41A0439	5	100	3	5	100	3	5	100	3											35	100	3	
39	22X41A0440	5	100	3	5	100	3							5	100	3		35	100	3				
40	22X41A0441	5	100	3	5	100	3				4	80	3				34	97	3					
41	22X41A0442	5	100	3	5	100	3	5	100	3											35	100	3	
42	22X41A0443	5	100	3	5	100	3							4	80	3		33	94	3				

SRM INSTITUTE OF TECHNOLOGY
 ANKEPADO, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF SCIENCE AND HUMANITIES

CO ATTAINMENT	OBSERVATION	RECORDED	INTERNAL EXAM	INTERNAL MARKS	EXTERNAL MARKS	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	INDIRECT ATTAINMENT LEVEL	FINAL ATTAINMENT	EXPECTED LEVEL of ATTAIN	FINAL ATTAINMENT %
CO1	2.9	2.9	2.9	2.9	3	2.97	94.07	2.82	2.94	70	98.00
CO2	2.9	2.9	2.8	2.87	3	2.96	97.41	2.92	2.95	70	98.33
CO3	2.9	2.9	2.8	2.87	3	2.96	96.3	2.89	2.95	70	98.33

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	≥70

CO-PO correlation Matrix for the Subject AP LAB

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	3	3			2			1	1							2.94
CO2	3	3			2			1	1							2.95
CO3	3	3			2			1	1							2.95

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
26.52	26.52			17.68			8.84	8.84						
2.95	2.95			2.95			2.95	2.95						

J. Ash

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521108



CALCULATION OF LEVEL OF ATTAINMENT FOR COs, POs and PSOs

YEAR-SEM: I-I		A.Y:2022-23						NAME OF LAB: BEE LAB												FACULTY NAME: G.SRI HARSHA											
S.NO.	ROLL NO.	Observation			Record			INTERNAL												EXTERNAL											
		CO 1-CO3			CO 1-CO3			CO 1			CO 2			CO 3			CO 4			CO 1			CO 2			CO 3			CO 4		
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L			
1	22X41A0401	5	100	3	5	100	3	4	80	3									30	86	3										
2	22X41A0402	5	100	3	4	80	3							3	60	2						29	83	3							
3	22X41A0403	5	100	3	5	100	3									4	80	3							32	91	3				
4	22X41A0404	4	80	3	5	100	3			3	60	2										32	91	3							
5	22X41A0405	4	80	3	4	80	3							2	40	1			2	6											
6	22X41A0406	4	80	3	4	80	3	3	60	2													29	83	3						
7	22X41A0407	4	80	3	4	80	3			3	60	2													31	89	3				
8	22X41A0408	4	80	3	4	80	3	3	60	2									28	80	3										
9	22X41A0409	5	100	3	5	100	3			5	100	3									35	100	3								
10	22X41A0410	4	80	3	4	80	3									3	60	2						30	86	3					
11	22X41A0411	5	100	3	5	100	3	5	100	3															33	94	3				
12	22X41A0412	5	100	3	5	100	3				4	80	3						31	89	3										
13	22X41A0413	4	80	3	4	80	3	4	80	3											29	83	3								
14	22X41A0414	4	80	3	4	80	3								2	40	1							5	14						
15	22X41A0415	5	100	3	5	100	3							3	60	2									32	91	3				
16	22X41A0416	5	100	3	5	100	3	5	100	3									35	100	3										
17	22X41A0417	5	100	3	5	100	3			3	60	2									31	89	3								
18	22X41A0418	4	80	3	4	80	3							3	60	2								30	86	3					
19	22X41A0419	5	100	3	5	100	3	3	60	2															27	77	3				
20	22X41A0420	4	80	3	5	100	3									3	60	2	28	80	3										
21	22X41A0421	5	100	3	5	100	3							2	40	1					29	83	3								
22	22X41A0423	5	100	3	5	100	3	5	100	3														35	100	3					
23	22X41A0424	4	80	3	5	100	3			3	60	2													28	80	3				
24	22X41A0425	5	100	3	4	80	3									5	100	3	34	97	3										
25	22X41A0426	5	100	3	4	80	3				2	40	1								32	91	3								
26	22X41A0427	4	80	3	4	80	3	4	80	3														31	89	3					
27	22X41A0428	4	80	3	4	80	3									3	60	2								30	86	3			
28	22X41A0429	5	100	3	3	60	2							3	60	2			27	77	3										
29	22X41A0430	5	100	3	5	100	3	4	80	3											30	86	3								
30	22X41A0431	5	100	3	5	100	3			3	60	2												31	89	3					
31	22X41A0432	4	80	3	4	80	3							4	80	3									29	83	3				
32	22X41A0433	5	100	3	5	100	3	3	60	2									32	91	3										
33	22X41A0434	5	100	3	5	100	3									4	80	3			32	91	3								
34	22X41A0435	5	100	3	5	100	3							1	20									27	77	3					
35	22X41A0436	5	100	3	5	100	3			0	0																				
36	22X41A0437	4	80	3	4	80	3									4	80	3	33	94	3										
37	22X41A0438	5	100	3	5	100	3			3	60	2									34	97	3								
38	22X41A0439	5	100	3	5	100	3							2	40	1								31	89	3					
39	22X41A0440	5	100	3	5	100	3	5	100	3																					
40	22X41A0441	4	80	3	3	60	2			4	80	3							28	80	3										
41	22X41A0442	5	100	3	4	80	3							3	60	2					31	89	3								

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521108.



CALCULATION OF LEVEL OF ATTAINMENT FOR COs, POs and PSOs

FACULTY NAME: G.SRI HARSHA

YEAR-SEM: I-I		A.Y:2022-23									NAME OF LAB: BEE LAB												FACULTY NAME: G.SRI HARSHA								
S.NO.	ROLL NO.	Observation			Record			INTERNAL												EXTERNAL											
		CO 1-CO3			CO 1-CO3			CO 1			CO 2			CO 3			CO 4			CO 1			CO 2			CO 3			CO 4		
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L			
42	22X41A0443	4	80	3	4	80	3	4	80	3																					
43	22X41A0444	5	100	3	5	100	3									5	100	3				34	97	3							
44	22X41A0445	4	80	3	4	80	3						4	80	3				30	86	3										
45	22X41A0446	5	100	3	4	80	3			2	40	1														29	83	3			
46	22X41A0447	4	80	3	4	80	3	2	40	1															31	89	3				
47	22X41A0448	5	100	3	4	80	3								3	60	2											27	77	3	
48	22X41A0450	5	100	3	4	80	3						2	40	1				27	77	3										
49	22X41A0451	5	100	3	4	80	3					2	40	1							27	77	3								
50	22X41A0452	5	100	3	4	80	3	3	60	2														32	91	3					
51	22X41A0453	5	100	3	3	60	2				3	60	2														33	94	3		
52	22X41A0454	5	100	3	5	100	3						5	100	3				34	97	3										
53	22X41A0455	5	100	3	5	100	3	2	40	1														31	89	3					
54	22X41A0456	4	80	3	4	80	3				4	80	3										34	97	3						
55	22X41A0457	5	100	3	5	100	3						5	100	3				34	97	3										
56	22X41A0458	5	100	3	5	100	3								5	100	3														
57	22X41A0459	4	80	3	5	100	3	3	60	2																33	94	3			
58	22X41A0460	5	100	3	5	100	3				3	60	2															32	91	3	
59	22X41A0461	5	100	3	4	80	3						3	60	2				32	91	3										
60	22X41A0462	5	100	3	5	100	3								4	80	3					33	94	3							
61	22X41A0463	5	100	3	5	100	3	3	60	2														30	86	3					
62	22X41A0464	5	100	3	4	80	3				4	80	3										30	86	3						
63	22X41A0465	5	100	3	5	100	3						2	40	1				30	86	3										
64	22X41A0466	5	100	3	5	100	3								2	40	1														
65	22X41A0467	5	100	3	5	100	3				4	80	3																		
66	22X41A0468	5	100	3	5	100	3						3	60	2																
67	22X41A0469	5	100	3	5	100	3	2	40	1																					
68	22X41A0470	5	100	3	5	100	3				3	60	2																		
69	22X41A0471	5	100	3	5	100	3						2	40	1																
70	22X41A0472	5	100	3	5	100	3	5	100	3																			34	97	3
71	22X41A0473	5	100	3	5	100	3				1	20																			
72	22X41A0474	5	100	3	5	100	3						3	60	2																
73	22X41A0475	5	100	3	5	100	3								3	60	2														
74	22X41A0476	5	100	3	5	100	3	2	40	1																					
75	22X41A0477	5	100	3	5	100	3				3	60	2																		
76	22X41A0478	5	100	3	5	100	3						3	60	2																
77	22X41A0479	5	100	3	5	100	3	3	60	2																					
78	22X41A0480	5	100	3	5	100	3				1	20																			
79	22X41A0482	5	100	3	5	100	3						4	80	3																
80	22X41A0483	5	100	3	5	100	3								3	60	2														
81	22X41A0484	5	100	3	5	100	3	1	20																						
82	22X41A0485	5	100	3	5	100	3						2	40	1																
83	22X41A0486	5	100	3	5	100	3								2	40	1														

Principal
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSO

YEAR-SEM: I-I		A.Y:2022-23						NAME OF LAB: BEE LAB												FACULTY NAME:G.SRI HARSHA											
S.NO.	ROLL NO.	Observation			Record			INTERNAL												EXTERNAL											
		CO 1-CO3			CO 1-CO3			CO 1			CO 2			CO 3			CO 4			CO 1			CO 2			CO 3			CO 4		
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L			
84	22X41A0487	5	100	3	5	100	3				2	40	1																		
85	22X41A0488	5	100	3	5	100	3							0	0	0									30	86	3				
86	22X41A0489	5	100	3	5	100	3	1	20																		30	86	3		
87	22X41A0490	5	100	3	5	100	3				3	60	2							31	89	3									
88	22X41A0491	5	100	3	5	100	3							0	0	0								30	86	3					
89	22X41A0492	5	100	3	5	100	3	1	20																	30	86	3			
90	22X41A0493	5	100	3	5	100	3									2	40	1									31	89	3		
91	22X41A0494	5	100	3	5	100	3		0																						
92	22X41A0495	5	100	3	5	100	3				3	60	2											32	91	3					
93	22X41A0496	5	100	3	5	100	3							2	40	1											32	91	3		
94	22X41A0498	5	100	3	5	100	3	4	80	3																	30	86	3		
95	22X41A0499	5	100	3	5	100	3							1	20					33	94	3									
96	22X41A04A0	5	100	3	5	100	3				1	20												28	80	3					
97	22X41A04A1	5	100	3	5	100	3	2	40	1																27	77	3			
98	22X41A04A2	5	100	3	5	100	3																				30	86	3		
99	22X41A04A3	5	100	3	5	100	3									5	100	3		30	86	3									
100	22X41A04A4	5	100	3	5	100	3	3	60	2														33	94	3					
101	22X41A04A5	5	100	3	5	100	3							0	0												33	94	3		
102	22X41A04A6	5	100	3	5	100	3				0	0															30	86	3		
103	22X41A04A7	5	100	3	5	100	3	0	0											30	86	3									
104	22X41A04A8	5	100	3	5	100	3				3	60	2											30	86	3					
105	22X41A04A9	5	100	3	5	100	3							2	40	1											30	86	3		
AVERAGE		4.8	96	3	4.7	93.7	3	3.1	59.3	2.2	2.7	53.6	2.1	2.4	48.3	1.7	3.4	68.9	2.2	29.6	84.5	3	31.3	89.4	3	29.6	84.6	3	30.6	87.4	3
CO		CO1-CO4			CO1-CO4			CO 1			CO 2			CO 3			CO 4			CO 1			CO 2			CO 3			CO 4		
CO WISE PERCENTAGE		3			3			2.2			2.1			1.7			2.2			3			3			3			3		

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

Accredited with NAAC 'A' grade

ISO 9001:2015 Certified Institution

DEPARTMENT OF SCIENCE AND HUMANITIES

CO ATTAINMENT	OBSERVATION	RECORD	INTERNAL EXAM	INTERNAL MARKS	EXTERNAL MARKS	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	INDIRECT ATTAINMENT LEVEL	FINAL ATTAINMENT	EXPECTED LEVEL of ATTAIN	FINAL ATTAINMENT %
CO1	3	3	2.2	2.73	3	2.92	95.78	2.87	2.91	70	97
CO2	3	3	2.1	2.7	3	2.91	93.44	2.8	2.89	70	96.33
CO3	3	3	1.7	2.57	3	2.87	94.84	2.85	2.87	70	95.67
CO4	3	3	2.2	2.73	3	2.92	95.84	2.88	2.91	70	97

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject BEE LAB

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	3	3	3	3		1	1						3			2.91
CO2	3	3	3	3		1	1						3			2.89
CO3	3	3	3	3		1	1						3			2.87
CO4	3	3	3	3		1	1						3			2.91

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
34.74	26.01	26.01	26.01		8.67	8.67						26.01		
2.9	2.17	2.17	2.17		2.17	2.17						2.17		

Alap

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

CO-PO Matrix for all Subjects II-I

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
M-III	1.53	1.53		1.52										1.52	
EDC	1.4	1.38	1.4	1.4	1.38	1.4			1.4			1.4	1.4	1.38	1.4
STLD	1.5	1.5	1.52	1.51	1.54					1.5		1.51		1.51	1.51
SS	1.56	1.56	1.58							1.57		1.55	1.55	1.52	
RVSP	1.51	1.51	1.51	1.51								1.5	1.51	1.51	
JAVA LAB	2.78	2.78	2.78											2.78	
EDC LAB	3	2.99	2.98					2.9					3	2	2.9
STLD LAB	2.9	2.92	2.91					2.9					2.91		2.9
PYTHON LAB	2.99	2.99	2.99					2.99						2.99	
AVERAGE	2.13	2.13	2.21	1.49	1.46	1.4	0	2.93	1.4	1.54	0	1.49	2.07	1.9	2.18

2021-22 Admitted Batch Semester Wise Average Attainments

SEMESTER	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
I-I	2.13	2.06	2.07	2.01	2.31	2.47	2.47	2.72	2.84	2.72	0	2.21	2.46	1.9	1.62
I-II	2.05	2.07	1.91	1.21	2.31	3	0	2.93	3	0	0	1.61	2.1	2.49	3
II-I	2.18	2.18	2.27	1.61	1.69	1.4	0	2.93	1.4	1.79	0	1.36	2.07	1.84	2.05

Dr.S.SRI GOWRI, M.Tech., Ph.D.,
 Professor & Head of E.C.E Dept
 S.R.K.Institute of Technology

PRINCIPAL
 SRK INSTITUTE OF TECHNOLOGY
 ENIKEPADU, VIJAYAWADA-521 118.

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

BRANCH: ECE		YEAR-SEM: II-I						SUBJECT: MATHEMATICS-III									FACULTY NAME: V. PRASANTHI									EXTERNAL MARKS									
S.NO	ROLL NO.	MID EXAM - I																		MID EXAM - II															
		Q1			Q2			Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3						ONLINE			ASSIGNMENT			
Marks	%	L	Mark	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L						
1	21X41A0401	3	30	0		0	0	0	6	60	2	6	30	0	5	100	3	7	70	3	7	70	3	5	50	1	5	25	0	5	100	3	35	50	1
2	21X41A0402	4	40	1		0	0	0		0	0	7	35	0	5	100	3	10	100	3	6	60	2	9	90	3	10	50	1	5	100	3	21	30	0
3	21X41A0403	3	30	0		0	0	0	5	50	1	7	35	0	5	100	3	10	100	3	9	90	3		0	0	5	25	0	5	100	3	35	50	1
4	21X41A0404		0	0		0	0	0		0	0	7	35	0	5	100	3		0	0		0	0		0	0	3	15	0	5	100	3	21	30	0
5	21X41A0405	6	60	2		0	0	0	3	30	0	10	50	1	5	100	3	8	80	3	9	90	3	6	60	2	5	25	0	5	100	3	35	50	1
6	21X41A0406	8	80	3	4	40	1	6	60	2	9	45	1	5	100	3	6	60	2		0	0	1	10	0	7	35	0	5	100	3	35	50	1	
7	21X41A0407	3	30	0	2	20	0	6	60	2	5	25	0	5	100	3	5	50	1	10	100	3		0	0	5	25	0	5	100	3	21	30	0	
8	21X41A0408	3	30	0	1	10	0	2	20	0	10	50	1	5	100	3	4	40	1	8	80	3	5	50	1	4	20	0	5	100	3	35	50	1	
9	21X41A0409	2	20	0		0	0	1	10	0	9	45	1	5	100	3	10	100	3	7	70	3	2	20	0	2	10	0	5	100	3	21	30	0	
10	21X41A0410	8	80	3	5	50	1	9	90	3	7	35	0	5	100	3	10	100	3	10	100	3		0	0	6	30	0	5	100	3	35	50	1	
11	21X41A0411	10	100	3	5	50	1	10	100	3	10	50	1	5	100	3	10	100	3	10	100	3	8	80	3	8	40	1	5	100	3	49	70	3	
12	21X41A0412	10	100	3		0	0	4	40	1	11	55	2	5	100	3		0	0		0	0	8	80	3	9	45	1	5	100	3	21	30	0	
13	21X41A0413	5	50	1	1	10	0	9	90	3	11	55	2	5	100	3	10	100	3	1	10	0	8	80	3	7	35	0	5	100	3	42	60	2	
14	21X41A0414	1	10	0		0	0	1	10	0	4	20	0	5	100	3	9	90	3	8	80	3		0	0	7	35	0	5	100	3	42	60	2	
15	21X41A0415	10	100	3	9	90	3	10	100	3	11	55	2	5	100	3	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	49	70	3	
16	21X41A0416	10	100	3	2	20	0	3	30	0	8	40	1	5	100	3	10	100	3	5	50	1	6	60	2	7	35	0	5	100	3	42	60	2	
17	21X41A0417	1	10	0		0	0		0	0	5	25	0	5	100	3	9	90	3	4	40	1		0	0	10	50	1	5	100	3	21	30	0	
18	21X41A0418	10	100	3	9	90	3	7	70	3	10	50	1	5	100	3	10	100	3	10	100	3	10	100	3	16	80	3	5	100	3	56	80	3	
19	21X41A0419	10	100	3	10	100	3	9	90	3	12	60	2	5	100	3	10	100	3	10	100	3	9	90	3	14	70	3	5	100	3	49	70	3	
20	21X41A0420		0	0		0	0	1	10	0	4	20	0	5	100	3		0	0	5	50	1	0	0	0	5	25	0	5	100	3	21	30	0	
21	21X41A0421	5	50	1		0	0	3	30	0	12	60	2	5	100	3	10	100	3	10	100	3	7	70	3	7	35	0	5	100	3	21	30	0	
22	21X41A0422	9	90	3	5	50	1	10	100	3	11	55	2	5	100	3	10	100	3	10	100	3	6	60	2	9	45	1	5	100	3	35	50	1	
23	21X41A0423		0	0	4	40	1		0	0	7	35	0	5	100	3		0	0		0	0		0	0	3	15	0	5	100	3	21	30	0	
24	21X41A0424	1	10	0	1	10	0	3	30	0	7	35	0	5	100	3	9	90	3		0	0	2	20	0	9	45	1	5	100	3	35	50	1	
25	21X41A0425		0	0		0	0	4	40	1	10	50	1	5	100	3	10	100	3		0	0	3	30	0	7	35	0	5	100	3	42	60	2	
26	21X41A0426	5	50	1	2	20	0	4	40	1	11	55	2	5	100	3	10	100	3	9	90	3	6	60	2	9	45	1	5	100	3	42	60	2	
27	21X41A0427	8	80	3	7	70	3	9	90	3	9	45	1	5	100	3	10	100	3	9	90	3	8	80	3	11	55	2	5	100	3	49	70	3	
28	21X41A0428	2	20	0	3	30	0	2	20	0	5	25	0	5	100	3	9	90	3	8	80	3	7	70	3	5	25	0	5	100	3	42	60	2	
29	21X41A0429		0	0		0	0		0	0	2	10	0	5	100	3		0	0		0	0		0	0	6	30	0	5	100	3		0	0	
30	21X41A0430	8	80	3	2	20	0	9	90	3	11	55	2	5	100	3	9	90	3	9	90	3	7	70	3	10	50	1	5	100	3	49	70	3	
31	21X41A0431	10	100	3	9	90	3	10	100	3	12	60	2	5	100	3	10	100	3	10	100	3	8	80	3	14	70	3	5	100	3	49	70	3	
32	21X41A0432	9	90	3		0	0	10	100	3	9	45	1	5	100	3	10	100	3	10	100	3	6	60	2	5	25	0	5	100	3	35	50	1	
33	21X41A0433	9	90	3	2	20	0	10	100	3	6	30	0	5	100	3	10	100	3	10	100	3	5	50	1	10	50	1	5	100	3	56	80	3	
34	21X41A0434	7	70	3	2	20	0	6	60	2	8	40	1	5	100	3	10	100	3	9	90	3	4	40	1	7	35	0	5	100	3	42	60	2	
35	21X41A0435	7	70	3	1	10	0	5	50	1	8	40	1	5	100	3	10	100	3	9	90	3	7	70	3	7	35	0	5	100	3	21	30	0	
36	21X41A0436	9	90	3		0	0		0	0	10	50	1	5	100	3	10	100	3	10	100	3	4	40	1	7	35	0	5	100	3		0	0	
37	21X41A0437	10	100	3	6	60	2	10	100	3	13	65	2	5	100	3		0	0	10	100	3	8	80	3	8	40	1	5	100	3	42	60	2	
38	21X41A0438	5	50	1		0	0	3	30	0	7	35	0	5	100	3	10	100	3	1	10	0		0	0	9	45	1	5	100	3	21	30	0	
39	21X41A0439		0	0		0	0	3	30	0	8	40	1	5	100	3		0	0	2	20	0		0	0	6	30	0	5	100	3	21	30	0	
40	21X41A0440	3	30	0		0	0	5	50	1	5	25	0	5	100	3	10	100	3	10	100	3		0	0	0	0	0	5	100	3	35	50	1	
41	21X41A0441	5	50	1		0	0	8	80	3	11	55	2	5	100	3	9	90	3	10	100	3		0	0	9	45	1	5	100	3	21	30	0	

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYA DA - 521108

42	21X41A0442	4	40	1	1	10	0	0	0	0	30	0	5	100	3	4	40	1	7	70	3	4	40	1	7	35	0	5	100	3	42	60	2		
43	21X41A0443	1	10	0		0	0	4	40	1	8	40	1	5	100	3	10	100	3	10	100	3	2	20	0	8	40	1	5	100	3	21	30	0	
44	21X41A0445	6	60	2	1	10	0	4	40	1	5	25	0	5	100	3	9	90	3	9	90	3	7	70	3	7	35	0	5	100	3	21	30	0	
45	21X41A0446	7	70	3	5	50	1	7	70	3	11	55	2	5	100	3	10	100	3	10	100	3	7	70	3	5	25	0	5	100	3	42	60	2	
46	21X41A0447	4	40	1	4	40	1	3	30	0	11	55	2	5	100	3	10	100	3	10	100	3	5	50	1	10	50	1	5	100	3	42	60	2	
47	21X41A0448	3	30	0	5	50	1	9	90	3	8	40	1	5	100	3	10	100	3	10	100	3	7	70	3	9	45	1	5	100	3	49	70	3	
48	21X41A0449	10	100	3	7	70	3	10	100	3	12	60	2	5	100	3	10	100	3	10	100	3	7	70	3	10	50	1	5	100	3	56	80	3	
49	21X41A0450	10	100	3	6	60	2	7	70	3	7	35	0	5	100	3	10	100	3	10	100	3	7	70	3	13	65	2	5	100	3	49	70	3	
50	21X41A0451	0	0	1	10	0	0	0	0	3	15	0	5	100	3	0	0	0	0	0	0	0	0	0	0	0	3	15	0	5	100	3	21	30	0
51	21X41A0452	0	0		0	0	0	1	10	0	4	20	0	5	100	3	1	10	0	0	0	0	0	0	0	0	8	40	1	5	100	3	21	30	0
52	21X41A0453	6	60	2		0	0	9	90	3	11	55	2	5	100	3	10	100	3	10	100	3	5	50	1	8	40	1	5	100	3	42	60	2	
53	21X41A0454	6	60	2		0	0	9	90	3	6	30	0	5	100	3	1	10	0	5	50	1	6	60	2	4	20	0	5	100	3	35	50	1	
54	21X41A0455	10	100	3	8	80	3	6	60	2	10	50	1	5	100	3	10	100	3	10	100	3	7	70	3	5	25	0	5	100	3	42	60	2	
55	21X41A0456	2	20	0		0	0	3	30	0	7	35	0	5	100	3	3	30	0	5	50	1	5	50	1	7	35	0	5	100	3	21	30	0	
56	21X41A0457	5	50	1		0	0	8	80	3	9	45	1	5	100	3	10	100	3	10	100	3	7	70	3	7	35	0	5	100	3	49	70	3	
57	21X41A0458	1	10	0		0	0	3	30	0	7	35	0	5	100	3		0	0	0	0	0	0	0	8	40	1	5	100	3	21	30	0		
58	21X41A0459	10	100	3	5	50	1	8	80	3	11	55	2	5	100	3	7	70	3	8	80	3	0	0	0	7	35	0	5	100	3	42	60	2	
59	21X41A0460	9	90	3	4	40	1	10	100	3	11	55	2	5	100	3	2	20	0		0	0	3	30	0	6	30	0	5	100	3	35	50	1	
60	21X41A0461	9	90	3	3	30	0	5	50	1	7	35	0	5	100	3	10	100	3	10	100	3	1	10	0	7	35	0	5	100	3	21	30	0	
61	21X41A0462	10	100	3	9	90	3	6	60	2	8	40	1	5	100	3	10	100	3	6	60	2	7	70	3	5	25	0	5	100	3	42	60	2	
62	21X41A0463	10	100	3	10	100	3	7	70	3	9	45	1	5	100	3	10	100	3	10	100	3	7	70	3	12	60	2	5	100	3	56	80	3	
63	21X41A0464	2	20	0		0	0	4	40	1	4	20	0	5	100	3	10	100	3	9	90	3	3	30	0	6	30	0	5	100	3	42	60	2	
64	21X41A0465	4	40	1		0	0	7	70	3	3	15	0	5	100	3	7	70	3	7	70	3	1	10	0	6	30	0	5	100	3	21	30	0	
65	21X41A0466	0	0		0	0	0	2	20	0	6	30	0	5	100	3		0	0	5	50	1		0	0	6	30	0	5	100	3	35	50	1	
66	21X41A0467	2	20	0		0	0	3	30	0	4	20	0	5	100	3		0	0	4	40	1	1	10	0	4	20	0	5	100	3	35	50	1	
67	21X41A0468	8	80	3	5	50	1	9	90	3	10	50	1	5	100	3	10	100	3	10	100	3	6	60	2	6	30	0	5	100	3	42	60	2	
68	21X41A0469	8	80	3	7	70	3	8	80	3	6	30	0	5	100	3	7	70	3	4	40	1	6	60	2	3	15	0	5	100	3	35	50	1	
69	21X41A0470	10	100	3	9	90	3	10	100	3	11	55	2	5	100	3	10	100	3	10	100	3	10	100	3	7	35	0	5	100	3	21	30	0	
70	21X41A0471	1	10	0	1	10	0	5	50	1	8	40	1	5	100	3	9	90	3	7	70	3	8	80	3	7	35	0	5	100	3	21	30	0	
71	21X41A0472	3	30	0	4	40	1	5	50	1	7	35	0	5	100	3	5	50	1	9	90	3	8	80	3	9	45	1	5	100	3	35	50	1	
72	21X41A0474	10	100	3	10	100	3	9	90	3	12	60	2	5	100	3	10	100	3	9	90	3	8	80	3	7	35	0	5	100	3	42	60	2	
73	21X41A0475	6	60	2		0	0	10	100	3	5	25	0	5	100	3	2	20	0	4	40	1	1	10	0	4	20	0	5	100	3	21	30	0	
74	21X41A0476	0	0		0	0	0	4	20	0	4	20	0	5	100	3	3	30	0	0	0	0	0	0	0	4	20	0	5	100	3	21	30	0	
75	21X41A0477	10	100	3	10	100	3	9	90	3	12	60	2	5	100	3	10	100	3	7	70	3	10	100	3	8	40	1	5	100	3	35	50	1	
76	21X41A0478	2	20	0		0	0	4	40	1	7	35	0	5	100	3		0	0		0	0	1	10	0	3	15	0	5	100	3	42	60	2	
77	21X41A0479	0	0		0	0	0	8	80	3	9	45	1	5	100	3	4	40	1		0	0	7	70	3	9	45	1	5	100	3	35	50	1	
78	21X41A0480	1	10	0	5	50	1	8	80	3	9	45	1	5	100	3	10	100	3	10	100	3	10	100	3	6	30	0	5	100	3	21	30	0	
79	21X41A0482	2	20	0	5	50	1	7	70	3	7	35	0	5	100	3	10	100	3	5	50	1	10	100	3	5	25	0	5	100	3	35	50	1	
80	21X41A0483	5	50	1	7	70	3	10	100	3	7	35	0	5	100	3	10	100	3	10	100	3	10	100	3	2	10	0	5	100	3	21	30	0	
81	21X41A0484	5	50	1		0	0	5	50	1	9	45	1	5	100	3	8	80	3	6	60	2	4	40	1	5	25	0	5	100	3	49	70	3	
82	21X41A0485	6	60	2	3	30	0	4	40	1	10	50	1	5	100	3	8	80	3	10	100	3	10	100	3	9	45	1	5	100	3	35	50	1	
83	21X41A0486	9	90	3	3	30	0	8	80	3	8	40	1	5	100	3	9	90	3	1	10	0	9	90	3	8	40	1	5	100	3	42	60	2	
84	21X41A0487	10	100	3	4	40	1	9	90	3	8	40	1	5	100	3	10	100	3	10	100	3	10	100	3	4	20	0	5	100	3	35	50	1	
85	21X41A0488	1	10	0	2	20	0	6	60	2	8	40	1	5	100	3	10	100	3	4	40	1		0	0	7	35	0	5	100	3	42	60	2	
86	21X41A0489	2	20	0		0	0	0	0	10	50	1	5	100	3		0	0		0	0	1	10	0	5	25	0	5	100	3	35	50	1		
87	21X41A0490	8	80	3	4	40	1	5	50	1	3	15	0	5	100	3	9	90	3	10	100	3	4	40	1	6	30	0	5	100	3	42	60	2	
88	21X41A0491	0	0		0	0	0	0	0	0	0	0	0	5	100	3	8	80	3	8	80	3	6	60	2	8	40	1	5	100	3	21	30	0	
89	21X41A0492	9	90	3	7	70	3	9	90	3	13	65	2	5	100	3	10	100	3	9	90	3	9	90	3	4	20	0	5	100	3	21	30	0	
90	21X41A0493	5	50	1	2	20	0	9	90	3	5	25	0	5	100	3	9	90	3	6	60	2	5	50	1	11	55	2	5	100	3	35	50	1	
91	21X41A0494	1	10	0		0	0	4	40	1	6	30	0	5	100	3		0	0	8	80	3		0	0	3	15	0	5	100	3	21	30	0	
92	21X41A0495	9	90	3	8	80	3	10	100	3	11	55	2	5	100	3	10	100	3	10	100	3	9	90	3	10	50	1	5	100	3	49	70	3	
93	21X41A0496	1	10	0		0	0	0	0	5	25	0	5	100	3	2	20																		

95	21X41A0498	10	100	3	2	20	0	10	100	3	1	50	1	5	100	3	0	0	10	100	3	9	90	3	7	35	0	5	100	3	49	70	3		
96	21X41A0499	8	80	3	5	50	1	10	100	3	5	25	0	5	100	3	9	90	3	6	60	2	7	70	3	8	40	1	5	100	3	21	30	0	
97	21X41A04A0	8	80	3	6	60	2		0	0	10	50	1	5	100	3		0	0		0	0		0	0	5	25	0	5	100	3	56	80	3	
98	21X41A04A1		0	0	1	10	0	2	20	0	5	25	0	5	100	3	2	20	0		0	0	2	20	0	8	40	1	5	100	3	42	60	2	
99	21X41A04A2		0	0	1	10	0	1	10	0	3	15	0	5	100	3	2	20	0		0	0		0	0	3	15	0	5	100	3	21	30	0	
100	21X41A04A3	1	10	0	3	30	0	5	50	1	3	15	0	5	100	3	9	90	3	9	90	3	8	80	3	5	25	0	5	100	3		0	0	
101	21X41A04A4	1	10	0	2	20	0	2	20	0	10	50	1	5	100	3		0	0		0	0	1	10	0	9	45	1	5	100	3	35	50	1	
102	21X41A04A5		0	0	3	30	0	4	40	1	2	10	0	5	100	3	9	90	3		0	0		0	0	1	5	0	5	100	3	21	30	0	
103	21X41A04A6	9	90	3	2	20	0	10	100	3	10	50	1	5	100	3	8	80	3		0	0	10	100	3	5	25	0	5	100	3	49	70	3	
104	21X41A04A7	3	30	0	3	30	0	3	30	0	8	40	1	5	100	3	4	40	1		0	0		0	0	0	3	15	0	5	100	3	21	30	0
105	21X41A04A8	3	30	0	2	20	0	3	30	0	6	30	0	5	100	3		0	0		0	0		0	0	5	25	0	5	100	3	21	30	0	
106	21X41A04B0	2	20	0	5	50	1	3	30	0	7	35	0	5	100	3	2	20	0		0	0	9	90	3	10	50	1	5	100	3	21	30	0	
107	21X41A04B1		0	0		0	0	5	50	1	2	10	0	5	100	3		0	0		0	0		0	0	8	40	1	5	100	3	21	30	0	
108	21X41A04B2		0	0	1	10	0	1	10	0	7	35	0	5	100	3	2	20	0		0	0	1	10	0	4	20	0	5	100	3	21	30	0	
109	21X41A04B3	3	30	0		0	0	10	100	3	7	35	0	5	100	3	10	100	3	2	20	0	10	100	3	8	40	1	5	100	3	35	50	1	
110	21X41A04B4		0	0		0	0	4	40	1	6	30	0	5	100	3	10	100	3	4	40	1	7	70	3	6	30	0	5	100	3	21	30	0	
111	21X41A04B5	1	10	0		0	0	2	20	0	8	40	1	5	100	3		0	0		0	0		0	0	6	30	0	5	100	3	35	50	1	
112	22X45A0401	8	80	3	3	30	0	4	40	1	11	55	2	5	100	3	10	100	3	10	100	3	7	70	3	12	60	2	5	100	3	42	60	2	
113	22X45A0402	2	20	0	2	20	0	4	40	1	7	35	0	5	100	3	10	100	3	10	100	3	3	30	0	9	45	1	5	100	3	35	50	1	
114	22X45A0403		0	0	2	20	0	4	40	1	3	15	0	5	100	3	10	100	3	7	70	3	4	40	1	10	50	1	5	100	3	21	30	0	
115	22X45A0404		0	0	3	30	0	4	40	1	14	70	3	5	100	3	10	100	3	10	100	3	7	70	3	12	60	2	5	100	3	49	70	3	
116	22X45A0405	3	30	0		0	0	6	60	2	10	50	1	5	100	3	10	100	3	10	100	3		0	0	6	30	0	5	100	3	35	50	1	
117	22X45A0406		0	0		0	0	3	30	0	3	15	0	5	100	3	9	90	3	6	60	2	6	60	2	8	40	1	5	100	3	21	30	0	
118	22X45A0407	4	40	1	5	50	1	8	80	3	7	35	0	5	100	3	10	100	3	10	100	3	7	70	3	6	30	0	5	100	3	42	60	2	
119	22X45A0408		0	0		0	0	0	0	0	9	45	1	5	100	3		0	0		0	0		0	0	0	0	0	5	100	3	21	30	0	
120	22X45A0409	7	70	3	2	20	0	4	40	1	6	30	0	5	100	3	10	100	3	9	90	3	10	100	3	5	25	0	5	100	3	42	60	2	
121	22X45A0410	6	60	2	2	20	0	4	40	1	10	50	1	5	100	3	10	100	3	7	70	3	9	90	3	11	55	2	5	100	3	49	70	3	
122	22X45A0411	4	40	1		0	0	4	40	1	4	20	0	5	100	3	6	60	2	2	20	0	5	50	1	10	50	1	5	100	3	21	30	0	
123	22X45A0412	2	20	0		0	0		0	0	5	25	0	5	100	3	5	50	1		0	0		0	0	6	30	0	5	100	3	21	30	0	
124	22X45A0413		0	0		0	0		0	0	4	20	0	5	100	3		0	0		0	0		0	0	6	30	0	5	100	3	21	30	0	
125	22X45A0414	3	30	0	2	20	0	4	40	1	7	35	0	5	100	3	1	10	0	5	50	1	7	70	3	7	35	0	5	100	3	21	30	0	
126	22X45A0415	5	50	1	8	80	3	4	40	1	6	30	0	5	100	3	10	100	3	10	100	3	8	80	3	9	45	1	5	100	3	49	70	3	
127	22X45A0416		0	0		0	0	4	40	1	6	30	0	5	100	3	4	40	1		0	0	3	30	0	9	45	1	5	100	3	21	30	0	
128	22X45A0417	2	20	0	3	30	0	4	40	1	8	40	1	5	100	3		0	0		0	0		0	0	0	0	5	100	3	21	30	0		
129	22X45A0418	1	10	0		0	0	4	40	1	4	20	0	5	100	3	2	20	0	3	30	0	7	70	3	4	20	0	5	100	3	42	60	2	
130	22X45A0419	2	20	0		0	0	2	20	0	7	35	0	5	100	3		0	0		0	0		0	0	2	10	0	5	100	3	42	60	2	
131	22X45A0420	5	50	1	5	50	1	5	50	1	9	45	1	5	100	3	10	100	3	6	60	2	10	100	3	6	30	0	5	100	3	42	60	2	
132	22X45A0421	2	20	0		0	0	3	30	0	2	10	0	5	100	3	5	50	1	5	50	1	5	50	1	9	45	1	5	100	3	35	50	1	
133	22X45A0422	2	20	0	2	20	0	4	40	1	7	35	0	5	100	3	10	100	3	3	30	0	9	90	3	5	25	0	5	100	3	35	50	1	
134	22X45A0423	2	20	0	2	20	0	7	70	3	6	30	0	5	100	3	10	100	3		0	0	10	100	3	7	35	0	5	100	3	21	30	0	
135	22X45A0424	1	10	0	1	10	0	2	20	0	10	50	1	5	100	3	5	50	1		0	0	4	40	1	12	60	2	5	100	3	21	30	0	
136	22X45A0425	1	10	0		0	0	4	40	1	4	20	0	5	100	3	6	60	2	2	20	0	7	70	3	7	35	0	5	100	3	21	30	0	
137	22X45A0426		0	0		0	0		0	0	6	30	0	5	100	3		0	0		0	0		0	0	8	40	1	5	100	3	21	30	0	
138	22X45A0427	1	10	0		0	0	4	40	1	5	25	0	5	100	3	8	80	3	2	20	0	7	70	3	6	30	0	5	100	3	35	50	1	
139	22X45A0428	9	90	3	5	50	1	4	40	1	4	20	0	5	100	3	10	100	3	9	90	3	10	100	3	8	40	1	5	100	3	21	30	0	
140	22X45A0429	2	20	0		0	0	4	40	1	4	20	0	5	100	3	9	90	3	9	90	3	7	70	3	4	20	0	5	100	3	21	30	0	
AVERAGE		5.28	43.36	1.16	4.13	24.5	0.56	5.69	50	1.4	7.53	37	0.65	5	100	3	8.16	67	2.02	7.7	56.64	1.74	6.22	47.07	1.54	6.97	34.36	0.48	5.03	100.57	3	33.48	47.14	1.12	
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE(CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)			
CO WISE SUM		1.16			0.56			1.4			0.65			3			2.02			1.74			1.54			0.48			3			1.12			

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKERAPU, VIJAYAWADA-521 108.

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	1.15	0.64	2.96	1.13	1.18	91.90	2.76	1.5	65	50.00
CO2	0.55	0.64	2.96	1.13	1.09	93.88	2.82	1.44	65	48.00
CO3	1.69	0.56	2.96	1.13	1.25	97.66	2.93	1.59	65	53.00
CO4	1.72	0.47	2.96	1.13	1.24	94.77	2.84	1.56	65	52.00
CO5	1.52	0.47	2.96	1.13	1.21	95.85	2.88	1.54	65	51.33

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	≥70

CO-PO correlation Matrix for the Subject M-III

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1: Interpret the physical meaning of different operators such as gradient, curl and divergence. Estimate the work done against a field, circulation and flux using vector calculus.	3	3														1.5
CO2: Apply the Laplace transform for solving differential equations.	3	3		1										1		1.44
CO3: Find or compute the Fourier series of periodic signals. know and be able to apply integral expressions for the forwards and inverse Fourier transform to a range of non-periodic waveforms.	3	3		1										1		1.59
CO4: To identify solution methods for partial differential equations that model physical processes.	3	3														1.56
CO5: To identify solution methods for partial differential equations that model physical process.	3	3		1												1.54

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
22.89	22.89	0	4.57	0	0	0	0	0	0	0	0	0	5.03	0
1.53	1.53	0	1.52	0	0	0	0	0	0	0	0	0	1.52	0

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADI, VIJAYAWADA-521 108.

(Handwritten Signature)

(Handwritten Mark)



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

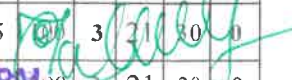
ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR: 2022-2023

BRANCH: ECE			YEAR-SEM: II-I						SUBJECT: EDC									FACULTY NAME: B. Ravi									EXTERNAL MARKS								
S.No	ROLL NO.	NAME OF THE STUDENT	MID EXAM - I									MID EXAM - II																							
			Q1			Q2			Q3			Onl			Asig			Q1			Q2			Q3						Onl			Asig		
			M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L			
1	21X41A0401	AMANIKANTA SWAMY	6	60	2	1	10	0	0	0	0	8	40	1	5	100	3	7	70	3	7	70	3	7	70	3	11	55	2	5	100	3	35	50	1
2	21X41A0402	A NANDA KRISHNA	7	70	3	1	10	0	5	50	1	8	40	1	5	100	3	8	80	3	7	70	3	9	90	3	8	40	1	5	100	3	35	50	1
3	21X41A0403	NARTHU SUNDARRAO	8	80	3	2	20	0	0	0	0	5	25	0	5	100	3	2	20	0	7	70	3	3	30	0	6	30	0	5	100	3	35	50	1
4	21X41A0404	B VINAY ROHIT	0	0	0	0	0	0	0	0	0	7	35	0	5	100	3	0	0	0	0	0	0	0	0	0	6	30	0	5	100	3	21	30	0
5	21X41A0405	B SATHWIK	7	70	3	2	20	0	0	0	0	7	35	0	5	100	3	10	100	3	9	90	3	7	70	3	7	35	0	5	100	3	35	50	1
6	21X41A0406	B PRASANNA KUMAR	9	90	3	2	20	0	8	80	3	4	20	0	5	100	3	8	80	3	9	90	3	#	100	3	15	75	3	5	100	3	21	30	0
7	21X41A0407	BUSAM POORNESH	6	60	2	8	80	3	4	40	1	#	60	2	5	100	3	1	10	0	6	60	2	7	70	3	6	30	0	5	100	3	42	60	2
8	21X41A0408	D VENKATA PRAVEEN	8	80	3	10	100	3	1	10	0	8	40	1	5	100	3	7	70	3	9	90	3	5	50	1	8	40	1	5	100	3	35	50	1
9	21X41A0409	CH BALAJI	3	30	0	2	20	0	2	20	0	3	15	0	5	100	3	0	0	0	3	30	0	3	30	0	4	20	0	5	100	3	21	30	0
10	21X41A0410	CH SAI KUMAR	4	40	1	9	90	3	9	90	3	#	60	2	5	100	3	10	100	3	9	90	3	#	100	3	14	70	3	5	100	3	21	30	0
11	21X41A0411	CH BHAVANARAYANA	9	90	3	6	60	2	7	70	3	8	40	1	5	100	3	4	40	1	5	50	1	2	20	0	4	20	0	5	100	3	35	50	1
12	21X41A0412	DAMARLA LEELA KARTHIK SRIRAM	4	40	1	6	60	2	0	0	0	5	25	0	5	100	3	0	0	0	1	10	0	7	70	3	6	30	0	5	100	3	21	30	0
13	21X41A0413	DAMODARA BHASKAR RAO	6	60	2	2	20	0	9	90	3	8	40	1	5	100	3	8	80	3	9	90	3	8	80	3	10	50	1	5	100	3	42	60	2
14	21X41A0414	DASA VENKATAGOPI	8	80	3	2	20	0	9	90	3	#	50	1	5	100	3	8	80	3	8	80	3	7	70	3	8	40	1	5	100	3	35	50	1
15	21X41A0415	DEEVELA RAVI TEJA	9	90	3	8	80	3	11	110		8	40	1	5	100	3	5	50	1	9	90	3	9	90	3	6	30	0	5	100	3	56	80	3
16	21X41A0416	EJJIGANI RAMYASRI	5	50	1	7	70	3	1	10	0	9	45	1	5	100	3	9	90	3	4	40	1	6	60	2	6	30	0	5	100	3	42	60	2
17	21X41A0417	GADDE NAGA POJITHA	8	80	3	8	80	3	1	10	0	5	25	0	5	100	3	10	100	3	5	50	1	3	30	0	6	30	0	5	100	3	21	30	0
18	21X41A0418	G KRISHNAVENI AKSHITHA	9	90	3	10	100	3	10	100	3	6	30	0	5	100	3	10	100	3	9	90	3	#	100	3	7	35	0	5	100	3	42	60	2
19	21X41A0419	GARLAPATI SRI MADHAVI	9	90	3	10	100	3	9	90	3	9	45	1	5	100	3	10	100	3	8	80	3	#	100	3	3	15	0	5	100	3	49	70	3
20	21X41A0420	GELLA AJITH	5	50	1	2	20	0	1	10	0	5	25	0	5	100	3	7	70	3	7	70	3	0	0	0	0	0	0	5	100	3	35	50	1
21	21X41A0421	G JANARDHANA SAI KRISHNA	3	30	0	8	80	3	0	0	0	7	35	0	5	100	3	3	30	0	1	10	0	7	70	3	6	30	0	5	100	3	21	30	0
22	21X41A0422	GUNUPURU MANASA	5	50	1	10	100	3	8	80	3	7	35	0	5	100	3	8	80	3	7	70	3	4	40	1	8	40	1	5	100	3	21	30	0


PRINCIPAL
 SRK INSTITUTE OF TECHNOLOGY
 ENIKEPADU, VIJAYAWADA-521108

23	21X41A0423	GURIVINDAPALLI VAMSI	0	0	0	0	0	0	0	6	30	0	5	100	3	0	0	7	70	3	0	0	0	0	0	0	0	0	21	30	0							
24	21X41A0424	JAMPANA BHARGAV	8	80	3	3	30	0	6	60	2	7	35	0	5	100	3	8	80	3	10	100	3	9	90	3	15	75	3	5	100	3	42	60	2			
25	21X41A0425	KALAPARTHI DEVENDRA SIVA KUMAR	7	70	3	5	50	1	8	80	3	4	20	0	5	100	3	7	70	3	10	100	3	6	60	2	10	50	1	5	100	3	35	50	1			
26	21X41A0426	KANAPARTHI YUGANDHAR	6	60	2	8	80	3	6	60	2	8	40	1	5	100	3	9	90	3	9	90	3	8	80	3	4	20	0	5	100	3	21	30	0			
27	21X41A0427	KANNA CHAKRA VARDHAN	9	90	3	10	100	3	7	70	3	7	35	0	5	100	3	10	100	3	8	80	3	10	100	3	7	35	0	5	100	3	49	70	3			
28	21X41A0428	KATIKALA NIKHILA SRI	9	90	3	9	90	3	10	100	3	6	30	0	5	100	3	8	80	3	7	70	3	9	90	3	11	55	2	5	100	3	21	30	0			
29	21X41A0429	KATTA SAI NIKHIL	0	0	0	0	0	0	0	0	0	3	15	0	5	100	3	0	0	0	1	10	0	0	0	0	2	10	0	5	100	3	0	0	0			
30	21X41A0430	KAVURI RAM MOHAN	9	90	3	10	100	3	0	0	0	6	30	0	5	100	3	8	80	3	8	80	3	5	50	1	5	25	0	5	100	3	21	30	0			
31	21X41A0431	KODURI KAVYA	8	80	3	8	80	3	9	90	3	4	20	0	5	100	3	10	100	3	8	80	3	10	100	3	10	50	1	5	100	3	56	80	3			
32	21X41A0432	KOLLU RAVI SANKAR	8	80	3	9	90	3	4	40	1	7	35	0	5	100	3	10	100	3	0	0	0	5	50	1	6	30	0	5	100	3	21	30	0			
33	21X41A0433	KOMMUGURI PAUL DAVID RAJU	8	80	3	10	100	3	6	60	2	11	55	2	5	100	3	7	70	3	9	90	3	10	100	3	5	25	0	5	100	3	42	60	2			
34	21X41A0434	LOTLA UHA KUMARI	6	60	2	9	90	3	8	80	3	6	30	0	5	100	3	10	100	3	5	50	1	8	80	3	7	35	0	5	100	3	21	30	0			
35	21X41A0435	MALICHARLA CHANTI	3	30	0	2	20	0	0	0	0	3	15	0	5	100	3	6	60	2	7	70	3	9	90	3	7	35	0	5	100	3	42	60	2			
36	21X41A0436	MARRI SANJAY	4	40	1	8	80	3	0	0	0	6	30	0	5	100	3	7	70	3	3	30	0	9	90	3	11	55	2	5	100	3	21	30	0			
37	21X41A0437	MODUGU MRUDHULA	10	100	3	8	80	3	6	60	2	5	25	0	5	100	3	10	100	3	9	90	3	9	90	3	7	35	0	5	100	3	35	50	1			
38	21X41A0438	MOHAMMAD ISMATULLA KHAN	1	10	0	1	10	0	1	10	0	3	15	0	5	100	3	7	70	3	1	10	0	0	0	0	11	55	2	5	100	3	21	30	0			
39	21X41A0439	MOHAMMAD REENA	8	80	3	2	20	0	0	0	0	4	20	0	5	100	3	4	40	1	6	60	2	4	40	1	3	15	0	5	100	3	21	30	0			
40	21X41A0440	MUDRABOYINA ANJALI	9	90	3	2	20	0	7	70	3	8	40	1	5	100	3	7	70	3	5	50	1	5	50	1	4	20	0	5	100	3	35	50	1			
41	21X41A0441	MULAGANI SUBBA REDDY	8	80	3	6	60	2	3	30	0	6	30	0	5	100	3	7	70	3	6	60	2	5	50	1	13	65	2	5	100	3	21	30	0			
42	21X41A0442	MURARI CHANDU HARINI	9	90	3	8	80	3	1	10	0	4	20	0	5	100	3	10	100	3	5	50	1	7	70	3	4	20	0	5	100	3	21	30	0			
43	21X41A0443	NABHIGIRI UDAY PAVAN	6	60	2	2	20	0	0	0	0	4	20	0	5	100	3	6	60	2	8	80	3	6	60	2	6	30	0	5	100	3	35	50	1			
44	21X41A0445	NUNE TULASIRAO	6	60	2	7	70	3	0	0	0	10	50	1	5	100	3	2	20	0	10	100	3	5	50	1	8	40	1	5	100	3	21	30	0			
45	21X41A0446	PALLAPOTHU V N D SAI SIVARAM	6	60	2	9	90	3	0	0	0	5	25	0	5	100	3	8	80	3	9	90	3	6	60	2	5	25	0	5	100	3	35	50	1			
46	21X41A0447	PANCHAKARLA KEERTHANA	8	80	3	9	90	3	4	40	1	5	25	0	5	100	3	7	70	3	5	50	1	9	90	3	3	15	0	5	100	3	21	30	0			
47	21X41A0448	POLAKI GEETHARANI	7	70	3	9	90	3	7	70	3	11	55	2	5	100	3	9	90	3	9	90	3	9	90	3	9	90	3	7	35	0	5	100	3	42	60	2

SRK INSTITUTE OF TECHNOLOGY
PRINCIPAL
ENKEPURI VIKRAM DAS

48	21X41A0449	PRABHALA VENKATA NAGA SAISIRISHA	9	90	3	10	100	3	2	20	0	13	65	2	5	100	3	9	90	3	9	90	3	7	35	0	5	100	3	42	60	2				
49	21X41A0450	PRAGADA POOJITHA	9	90	3	10	100	3	10	100	3	7	35	0	5	100	3	9	90	3	2	20	0	10	100	3	7	35	0	5	100	3	42	60	2	
50	21X41A0451	PRATHIPATI REVANTH VARMA	1	10	0	0	0	0	0	0	0	4	20	0	5	100	3	0	0	0	3	30	0	4	40	1	5	25	0	5	100	3	21	30	0	
51	21X41A0452	PULLAGOORA DURGA PRASAD		0	0		0	0		0	0	7	35	0	5	100	3	1	10	0	5	50	1	6	60	2		0	0	0	0	0	21	30	0	
52	21X41A0453	PUPPALA VENKATA SWAMY	4	40	1	2	20	0	6	60	2	2	10	0	5	100	3	9	90	3	6	60	2	10	100	3	10	50	1	5	100	3	35	50	1	
53	21X41A0454	REMALLI JOHN WESLEY	2	20	0	2	20	0	0	0	0	5	25	0	5	100	3	7	70	3	3	30	0	7	70	3	6	30	0	5	100	3	21	30	0	
54	21X41A0455	SHAIK FAZULU	9	90	3	10	100	3	3	30	0	6	30	0	5	100	3	8	80	3	8	80	3	9	90	3	5	25	0	5	100	3	35	50	1	
55	21X41A0456	SHAIK NAGUL MEERA	7	70	3	2	20	0	0	0	0	3	15	0	5	100	3	5	50	1	7	70	3	7	70	3	7	35	0	5	100	3	35	50	1	
56	21X41A0457	SIMHAMBHATLA KRISHNAVAMSI	8	80	3	9	90	3	7	70	3	5	25	0	5	100	3	7	70	3	5	50	1	8	80	3	9	45	1	5	100	3	42	60	2	
57	21X41A0458	SYED BILAL	0	0	0	0	0	0	0	0	0	10	50	1	5	100	3	4	40	1	7	70	3	6	60	2	9	45	1	5	100	3	21	30	0	
58	21X41A0459	TUMMIGUNTA HARSHITHA	6	60	2	3	30	0	0	0	0	5	25	0	5	100	3	8	80	3	5	50	1	7	70	3	7	35	0	5	100	3	21	30	0	
59	21X41A0460	S T VISWANATH	10	100	3	10	100	3	0	0	0	8	40	1	5	100	3	9	90	3	10	100	3	10	100	3	6	30	0	5	100	3	42	60	2	
60	21X41A0461	VEMULA DURGA BHAVANI	8	80	3	3	30	0	0	0	0	9	45	1	5	100	3	10	100	3	10	100	3	9	90	3	6	30	0	5	100	3	42	60	2	
61	21X41A0462	V SADHIKA	9	90	3	10	100	3	10	100	3	9	45	1	5	100	3	10	100	3	8	80	3	8	80	3	7	35	0	5	100	3	35	50	1	
62	21X41A0463	YARAKARAJU VAGDEVI	10	100	3	10	100	3	9	90	3	6	30	0	5	100	3	9	90	3	5	50	1	10	100	3	7	35	0	5	100	3	49	70	3	
63	21X41A0464	YATRA BHARGAVI	8	80	3	10	100	3	7	70	3	11	55	2	5	100	3	10	100	3	10	100	3	10	100	3	4	20	0	5	100	3	42	60	2	
64	22X45A0401	MADIPILLI JHANSI RANI	10	100	3	10	100	3	3	30	0	9	45	1	5	100	3	10	100	3	9	90	3	9	90	3	11	55	2	5	100	3	21	30	0	
65	22X45A0402	GOTTIPARTHI MOUNIKA	10	100	3	3	30	0	10	100	3	7	35	0	5	100	3	10	100	3	4	40	1	2	20	0	4	20	0	5	100	3	21	30	0	
66	22X45A0403	BODDU MANASA	10	100	3	6	60	2	6	60	2	5	25	0	5	100	3	7	70	3	0	0	0	0	0	0	5	25	0	5	100	3	21	30	0	
67	22X45A0404	MUPPIDI VIDHYA SRI	10	100	3	10	100	3	9	90	3	4	20	0	5	100	3	10	100	3	10	100	3	9	90	3	11	55	2	5	100	3	35	50	1	
68	22X45A0405	JOJO ANISHA	8	80	3	7	70	3	0	0	0	9	45	1	5	100	3	6	60	2	5	50	1	9	90	3	8	40	1	5	100	3	35	50	1	
69	22X45A0406	REMINISETTY NAVEEN BABU	8	80	3	9	90	3	0	0	0	6	30	0	5	100	3	7	70	3	3	30	0	7	70	3	10	50	1	5	100	3	49	70	3	
70	22X45A0407	VAKA MANASA	10	100	3	10	100	3	9	90	3	10	50	1	5	100	3		0	0		0	0	9	90	3	5	25	0	7	140		21	30	0	
71	21X41A0465	CH RUTHWIQ	7	70	3	2	20	0	2	20	0	12	60	2	5	100	3		0	0	0	0	0	0	0	0	6	30	0	5	100	3	35	50	1	
72	21X41A0466	BOTTU VAMSI	0	0	0	2	20	0	3	30	0	5	25	0	2	40	1		0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
73	21X41A0467	CHEDURI KAMAL TEJ	3	30	0	3	30	0	1	10	0	5	25	0	2	40	1	8	80	3	2	20	0	0	0	0	0	4	20	0	5	100	3	35	50	1

SRK INSTITUTE OF TECHNOLOGY
 ENKEPADO, VIJAYAPURAM, CHITTOOR, A.P. 522 108.

74	21X41A0468	CHENNU NAGENDRA BABU	10	100	3	3	30	0	2	20	0	4	20	0	5	100	3	5	50	1	2	20	0	0	0	3	15	0	5	100	3	21	30	0		
75	21X41A0469	CH NIHARIKA	3	30	0	0	0	0	0	0	0	4	20	0	5	100	3	4	40	1	8	80	3	0	0	0	3	15	0	5	100	3	49	70	3	
76	21X41A0470	CHINTHA NAGA PRASANNA	10	100	3	10	100	3	10	100	3	5	25	0	5	100	3	10	100	3	10	100	3	3	30	0	4	20	0	5	100	3	21	30	0	
77	21X41A0471	CHINTHAM VENU	7	70	3	7	70	3		0	0	2	10	0	5	100	3	0	0	0	4	40	1	0	0	0	2	10	0	5	100	3	35	50	1	
78	21X41A0472	DASARI LAKSHMI PRASANNA	6	60	2	4	40	1	4	40	1	9	45	1	4	80	3	8	80	3	8	80	3	0	0	0	3	15	0	5	100	3	21	30	0	
79	21X41A0474	DUDLA RAJESH	10	100	3	10	100	3	4	40	1	9	45	1	5	100	3	9	90	3	10	100	3	10	100	3	5	25	0	5	100	3	21	30	0	
80	21X41A0475	GANDI RAGHUPATHI	10	100	3	5	50	1		0	0	7	35	0	5	100	3	6	60	2	0	0	0	0	0	0	5	25	0	5	100	3	35	50	1	
81	21X41A0476	GARIKINA LAKSHMAN KUMAR	4	40	1	2	20	0		0	0	4	20	0	3	60	2	5	50	1		0	0		0	0	3	15	0	5	100	3	35	50	1	
82	21X41A0477	GUDAVALLI AMULYA	10	100	3	10	100	3	7	70	3	8	40	1	5	100	3	4	40	1	10	100	3	10	100	3	4	20	0	5	100	3	21	30	0	
83	21X41A0478	GUNDALA KRANTHI KUMAR	4	40	1	5	50	1	9	90	3	7	35	0	5	100	3	8	80	3		0	0	0	0	0	3	15	0	5	100	3	35	50	1	
84	21X41A0479	K TARAKA VENKATA CHALAPATHI RAO	9	90	3	7	70	3		0	0	6	30	0	5	100	3	7	70	3		0	0		0	0	2	10	0	5	100	3	42	60	2	
85	21X41A0480	MUDRABOINA VENKATA CHAITANYA	10	100	3	6	60	2	0	0	0	8	40	1	5	100	3	1	10	0	8	80	3	10	100	3	5	25	0	5	100	3	21	30	0	
86	21X41A0482	MADARI VENKATESH	7	70	3		0	0	5	50	1	4	20	0	5	100	3	2	20	0	8	80	3	10	100	3	4	20	0	5	100	3	21	30	0	
87	21X41A0483	MANTRI MOUNIKA	8	80	3	0	0	0		0	0	4	20	0	5	100	3	2	20	0	10	100	3	4	40	1	3	15	0	5	100	3	42	60	2	
88	21X41A0484	M MAHENDRA	8	80	3	2	20	0	0	0	0	6	30	0	5	100	3		0	0	8	80	3		0	0	3	15	0	5	100	3	21	30	0	
89	21X41A0485	M YUVASRI SRINIVAS	7	70	3	0	0	0		0	0	11	55	2	3	60	2	4	40	1	8	80	3		0	0	4	20	0	5	100	3	35	50	1	
90	21X41A0486	MOTHUKURI SAHITHI	8	80	3	3	30	0	5	50	1	6	30	0	5	100	3	2	20	0	6	60	2	6	60	2	2	10	0	5	100	3	21	30	0	
91	21X41A0487	NAGIREDDY JYOTHI BH	10	100	3	4	40	1	5	50	1	8	40	1	5	100	3	1	10	0	8	80	3	10	100	3	3	15	0	5	100	3	21	30	0	
92	21X41A0488	NANDETI PRESESS	0	0	0	0	0	0		0	0	4	20	0	5	100	3	0	0	0	0	0	0	0	0	0	0	4	20	0	5	100	3	49	70	3
93	21X41A0489	P SAI SRIRAM	6	60	2	3	30	0	2	20	0	6	30	0	5	100	3	2	20	0		0	0	0	0	0	4	20	0	5	100	3	21	30	0	
94	21X41A0490	PAMARTHI JAHNAVI	8	80	3	7	70	3	6	60	2	7	35	0	5	100	3	7	70	3	2	20	0		0	0	4	20	0	5	100	3	21	30	0	
95	21X41A0491	P P DEEPIKA	0	0	0	2	20	0		0	0	8	40	1	5	100	3	0	0	0		0	0		0	0	3	15	0	5	100	3	35	50	1	
96	21X41A0492	PRATHIPATI PRATHIBHA	1	10	0	0	0	0	0	0	0	9	45	1	5	100	3	1	10	0	8	80	3	1	10	0	5	25	0	5	100	3	21	30	0	
97	21X41A0493	RACHAMANTI VANI	10	100	3	5	50	1	4	40	1	5	25	0	5	100	3	3	30	0	6	60	2		0	0	3	15	0	5	100	3	21	30	0	
98	21X41A0494	R KARTHIK SINGH	8	80	3	6	60	2		0	0	7	35	0	5	100	3	3	30	0	2	20	0	0	0	0	3	15	0	5	100	3	21	30	0	
99	21X41A0495	SAREPALLI SAI DURGA	10	100	3	10	100	3	5	50	1	8	40	1	5	100	3	4	40	1	8	80	3	2	20	0	5	25	0	5	100	3	21	30	0	

SRK INSTITUTE OF TECHNOLOGY
 PRINCIPAL
 SRK INSTITUTE OF TECHNOLOGY
 NIKEPADU, VAYAWADA-511004

126	22X45A0415	KOPPANATI YAMINI	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	10	100	3	10	100	3	2	10	0	5	100	3	56	80	3			
127	22X45A0416	J SIVA SANKAR	0	0	0	0	0	0	0	0	0	12	60	2	5	100	3	2	20	0	2	20	0	8	80	3	5	25	0	5	100	3	21	30	0
128	22X45A0417	R S RAGHUNANDHAN REDDY	8	80	3	5	50	1	4	40	1	5	25	0	5	100	3		0	0		0	0		0	0		0	5	100	3	21	30	0	
129	22X45A0418	KV SIVARAM AJAY	5	50	1	4	40	1	2	20	0	10	50	1	5	100	3	6	60	2	2	20	0	3	30	0	3	15	0	5	100	3	21	30	0
130	22X45A0419	K HEMANTH	6	60	2	2	20	0	0	0	0	7	35	0	5	100	3	5	50	1		0	0	2	20	0	7	35	0	5	100	3	42	60	2
131	22X45A0420	P DEVENDRA	10	100	3	5	50	1	5	50	1	7	35	0	5	100	3		0	0		0	0		0	0		0	5	100	3		0	0	
132	22X45A0421	V AJAY KUMAR	4	40	1	4	40	1	3	30	0	7	35	0	5	100	3	8	80	3	2	20	0	7	70	3	5	25	0	5	100	3	35	50	1
133	22X45A0422	R PRAMELA	2	20	0	5	50	1	2	20	0	6	30	0	5	100	3	8	80	3	2	20	0	5	50	1	4	20	0	5	100	3	21	30	0
134	22X45A0423	A NIKHITHA	10	100	3	5	50	1	2	20	0	9	45	1	5	100	3	3	30	0		0	0	8	80	3	4	20	0	5	100	3	21	30	0
135	22X45A0424	E PRAVALLIKA	3	30	0	3	30	0	2	20	0	6	30	0	5	100	3	10	100	3	9	90	3		0	0	4	20	0	5	100	3	21	30	0
136	22X45A0425	A ASWINI	0	0	0	5	50	1	3	30	0	7	35	0	5	100	3	10	100	3		0	0	6	60	2	4	20	0	5	100	3	35	50	1
137	22X45A0426	RAJULAPATI TARUN KUMAR	0	0	0	2	20	0	0	0	0	4	20	0	5	100	3	0	0	0		0	0	2	20	0	3	15	0	5	100	3	35	50	1
138	22X45A0427	MANEPALLI HEMA VARSHINI	10	100	3	5	50	1	1	10	0	8	40	1	5	100	3	6	60	2	8	80	3	9	90	3	3	15	0	5	100	3	35	50	1
139	22X45A0428	GORRELA KRISHNA VENI	10	100	3	5	50	1	7	70	3	4	20	0	5	100	3	10	100	3	1	10	0	10	100	3	3	15	0	5	100	3	42	60	2
140	22X45A0429	JAMPANA BAABJI	7	70	3	3	30	0	3	30	0	4	20	0	5	100	3	8	80	3		0	0	8	80	3	4	20	0	5	100	3	35	50	1
AVERAGE			6	62	2	5	48	1	3.8	31	1	6.5	32	0	5	97	3	6	54.6	2	6	52	2	6	47	1	5.7	28	0	5	99	3	31	43	0.82
COURSE OUTCOMES			CO1		CO2		CO3		ONL (CO1-CO3)		ASSIG (CO1-CO3)		CO3		CO4		CO5		ONL (CO3-CO5)		ASSIG (CO3-CO5)		EXTERNAL (CO1-CO5)												
CO WISE SUM			1.98		1.35		0.88		0.4		2.92		1.76		1.64		1.47		0.3		2.95		0.82												

The Principal

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE	INDIRECT LEVEL	FINAL ATTAINMENT	EXPECTED LEVEL of	ATTAINMENT PERCENTAGE
CO1	1.98	0.4	2.92	0.82	1.06	92	2.76	1.4	65	46.67
CO2	1.35	0.4	2.92	0.82	0.96	89.33	2.68	1.3	65	43.33
CO3	1.32	0.35	2.92	0.82	0.95	90.89	2.73	1.31	65	43.67
CO4	1.64	1.64	2.95	0.82	1.13	93.11	2.79	1.46	65	48.67
CO5	1.47	1.47	2.95	0.82	1.09	88.89	2.67	1.41	65	47.00

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70
*Upper boundary exclusive		

CO-PO Matrix for the Subject EDC

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	ATTAINMENT
CO1	3	3	3	3	2	3			1			2	3	3	3	1.4
CO2	3	3	3	3	2	3			1			2	3	3	3	1.3
CO3	3	3	3	3	2	3			1			2	3	3	3	1.31
CO4	3	3	3	3	2	3			1			2	3	3	3	1.46
CO5	3	3	3	3	2	3			1			2	3	3	3	1.41

PO ATTAINMENTS

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
20.64	20.64	20.64	20.64	13.76	20.64	0	0	6.88	0	0	13.76	20.64	20.64	20.64
1.38	1.38	1.38	1.38	1.38	1.38	0	0	1.38	0	0	1.38	1.38	1.38	1.38

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADAU, VIJAYAWADA-521 108

(Handwritten signature)



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108
 Approved by AICTE, Affiliated to JNTUK, Kakinada
 ISO 9001:2015 Certified Institution
 Accredited with NAAC 'A' grade
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSO's

YEAR-SEM: II-I		A.Y:2022-23						SUBJECT: STLD									FACULTY NAME : A.RAMYA															EXTERNAL MARKS								
S.NO.	ROLL NO.	MID EXAM - I																		MID EXAM - II																				
		Q1			Q2			Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE			ASSIGNMENT											
Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L								
1	21X41A0401	9	90	3	1	10	0	8	80	3	8	40	1	5	100	3	8	80	3	10	100	3	2	20	0	9	45	1	5	100	3	21	30	0						
2	21X41A0402	10	100	3	8	80	3	7	70	3	12	60	2	5	100	3	9	90	3	8	80	3	9	90	3	8	40	1	5	100	3	49	70	3						
3	21X41A0403	8	80	3	0	0	0	8	80	3	8	40	1	5	100	3	3	30	0	9	90	3	7	70	3	4	20	0	5	100	3	49	70	3						
4	21X41A0404	0	0	0	0	0	0	2	20	0	6	30	0	5	100	3	0	0	0	0	0	0	0	0	0	10	50	1	5	100	3	21	30	0						
5	21X41A0405	8	80	3	6	60	2	7	70	3	6	30	0	5	100	3	6	60	2	5	50	1	6	60	2	6	30	0	5	100	3	21	30	0						
6	21X41A0406	9	90	3	7	70	3	6	60	2	9	45	1	5	100	3	8	80	3	9	90	3	9	90	3	16	80	3	5	100	3	21	30	0						
7	21X41A0407	8	80	3	7	70	3	5	50	1	9	45	1	5	100	3	9	90	3	2	20	0	6	60	2	13	65	2	5	100	3	42	60	2						
8	21X41A0408	10	100	3	8	80	3	5	50	1	7	35	0	5	100	3	8	80	3	7	70	3	3	30	0	9	45	1	5	100	3	21	30	0						
9	21X41A0409	6	60	2	2	20	0	7	70	3	6	30	0	5	100	3	7	70	3	3	30	0	5	50	1	11	55	2	5	100	3	21	30	0						
10	21X41A0410	8	80	3	7	70	3	8	80	3	9	45	1	5	100	3	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	35	50	1						
11	21X41A0411	8	80	3	7	70	3	6	60	2	5	25	0	5	100	3	7	70	3	9	90	3	7	70	3	6	30	0	5	100	3	42	60	2						
12	21X41A0412	7	70	3	5	50	1	7	70	3	7	35	0	5	100	3	8	80	3	10	100	3	5	50	1	6	30	0	5	100	3	35	50	1						
13	21X41A0413	10	100	3	9	90	3	4	40	1	10	50	1	5	100	3	9	90	3	7	70	3	3	30	0	14	70	3	5	100	3	21	30	0						
14	21X41A0414	8	80	3	4	40	1	6	60	2	7	35	0	5	100	3	8	80	3	10	100	3	5	50	1	8	40	1	5	100	3	42	60	2						
15	21X41A0415	10	100	3	6	60	2	7	70	3	11	55	2	5	100	3	8	80	3	10	100	3	9	90	3	14	70	3	5	100	3	49	70	3						
16	21X41A0416	10	100	3	5	50	1	7	70	3	9	45	1	5	100	3	3	30	0	0	0	0	0	0	0	10	50	1	5	100	3	21	30	0						
17	21X41A0417	1	10	0	0	0	0	0	0	0	8	40	1	5	100	3	6	60	2	9	90	3	7	70	3	8	40	1	5	100	3	21	30	0						
18	21X41A0418	10	100	3	6	60	2	8	80	3	11	55	2	5	100	3	8	80	3	10	100	3	7	70	3	11	55	2	5	100	3	63	90	3						
19	21X41A0419	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	9	90	3	10	100	3	10	100	3	5	25	0	5	100	3	63	90	3						
20	21X41A0420	5	50	1	0	0	0	4	40	1	5	25	0	5	100	3	6	60	2	9	90	3	6	60	2	5	25	0	5	100	3	21	30	0						
21	21X41A0421	10	100	3	8	80	3	5	50	1	8	40	1	5	100	3	8	80	3	7	70	3	7	70	3	8	40	1	5	100	3	35	50	1						
22	21X41A0422	8	80	3	5	50	1	6	60	2	10	50	1	5	100	3	10	100	3	10	100	3	9	90	3	5	25	0	5	100	3	42	60	2						
23	21X41A0423	7	70	3	4	40	1	0	0	0	10	50	1	5	100	3	0	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	21	30	0					

PRINCIPAL
 SRK INSTITUTE OF TECHNOLOGY
 ENIKEPADU, VIJAYAWADA-521 108

24	21X41A0424	8	80	3	4	40	1	4	40	1	11	55	2	5	100	3	8	80	3	10	100	3	3	30	0	15	75	3	5	100	3	35	50	1	
25	21X41A0425	3	30	0	3	30	0	6	60	2	13	65	2	5	100	3	6	60	2	8	80	3	6	60	2	16	80	3	5	100	3	21	30	0	
26	21X41A0426	4	40	1	7	70	3	7	70	3	10	50	1	5	100	3	10	100	3	10	100	3	0	0	0	14	70	3	5	100	3	42	60	2	
27	21X41A0427	10	100	3	7	70	3	7	70	3	9	45	1	5	100	3	10	100	3	10	100	3	3	30	0	11	55	2	5	100	3	56	80	3	
28	21X41A0428	8	80	3	5	50	1	5	50	1	10	50	1	5	100	3	5	50	1	7	70	3	5	50	1	6	30	0	5	100	3	35	50	1	
29	21X41A0429	0	0	0	0	0	0	0	0	0	5	25	0	5	100	3	0	0	0	0	0	0	1	10	0	16	80	3	5	100	3	0	0	0	
30	21X41A0430	5	50	1	3	30	0	3	30	0	8	40	1	5	100	3	10	100	3	10	100	3	7	70	3	8	40	1	5	100	3	42	60	2	
31	21X41A0431	10	100	3	7	70	3	7	70	3	5	25	0	5	100	3	9	90	3	10	100	3	7	70	3	9	45	1	5	100	3	49	70	3	
32	21X41A0432	10	100	3	8	80	3	8	80	3	11	55	2	5	100	3	8	80	3	2	20	0	8	80	3	12	60	2	5	100	3	42	60	2	
33	21X41A0433	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	9	90	3	10	100	3	9	90	3	11	55	2	5	100	3	42	60	2	
34	21X41A0434	10	100	3	4	40	1	7	70	3	7	35	0	5	100	3	8	80	3	10	100	3	8	80	3	5	25	0	5	100	3	21	30	0	
35	21X41A0435	10	100	3	7	70	3	6	60	2	7	35	0	5	100	3	8	80	3	10	100	3	9	90	3	9	45	1	5	100	3	49	70	3	
36	21X41A0436	8	80	3	4	40	1	5	50	1	11	55	2	5	100	3	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	21	30	0	
37	21X41A0437	10	100	3	7	70	3	8	80	3	10	50	1	5	100	3	10	100	3	10	100	3	3	30	0	8	40	1	5	100	3	21	30	0	
38	21X41A0438	7	70	3	2	20	0	0	0	0	9	45	1	5	100	3	3	30	0	2	20	0	2	20	0	11	55	2	5	100	3	35	50	1	
39	21X41A0439	8	80	3	5	50	1	7	70	3	1	5	0	5	100	3	9	90	3	10	100	3	0	0	0	10	50	1	5	100	3	42	60	2	
40	21X41A0440	9	90	3	4	40	1	7	70	3	8	40	1	5	100	3	9	90	3	10	100	3	0	0	0	6	30	0	5	100	3	21	30	0	
41	21X41A0441	10	100	3	5	50	1	7	70	3	7	35	0	5	100	3	8	80	3	5	50	1	1	10	0	9	45	1	5	100	3	21	30	0	
42	21X41A0442	10	100	3	5	50	1	9	90	3	6	30	0	5	100	3	10	100	3	10	100	3	0	0	0	13	65	2	5	100	3	49	70	3	
43	21X41A0443	10	100	3	5	50	1	6	60	2	6	30	0	5	100	3	8	80	3	10	100	3	6	60	2	13	65	2	5	100	3	56	80	3	
44	21X41A0445	7	70	3	4	40	1	4	40	1	3	15	0	5	100	3	3	30	0	8	80	3	4	40	1	14	70	3	5	100	3	21	30	0	
45	21X41A0446	10	100	3	8	80	3	8	80	3	10	50	1	5	100	3	9	90	3	8	80	3	8	80	3	7	35	0	5	100	3	21	30	0	
46	21X41A0447	9	90	3	7	70	3	8	80	3	11	55	2	5	100	3	9	90	3	10	100	3	8	80	3	5	25	0	5	100	3	35	50	1	
47	21X41A0448	10	100	3	9	90	3	8	80	3	12	60	2	5	100	3	0	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	56	80	3
48	21X41A0449	10	100	3	10	100	3	10	100	3	14	70	3	5	100	3	10	100	3	10	100	3	5	50	1	7	35	0	5	100	3	42	60	2	
49	21X41A0450	10	100	3	5	50	1	9	90	3	9	45	1	5	100	3	9	90	3	10	100	3	7	70	3	5	25	0	5	100	3	42	60	2	
50	21X41A0451	4	40	1	4	40	1	4	40	1	5	25	0	5	100	3	3	30	0	7	70	3	0	0	0	7	35	0	5	100	3	21	30	0	
51	21X41A0452	3	30	0	0	0	0	7	70	3	5	25	0	5	100	3	0	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	21	30	0
52	21X41A0453	10	100	3	4	40	1	8	80	3	11	55	2	5	100	3	5	50	1	10	100	3	5	50	1	10	50	1	5	100	3	35	50	1	
53	21X41A0454	10	100	3	7	70	3	1	10	0	12	60	2	5	100	3	0	0	0	0	0	0	3	30	0	6	30	0	5	100	3	21	30	0	

54	21X41A0455	9	90	3	8	80	3	8	80	3	6	30	0	5	100	3	10	100	3	10	100	3	7	70	3	7	35	0	5	100	3	49	70	3	
55	21X41A0456	8	80	3	3	30	0	6	60	2	9	45	1	5	100	3	3	30	0	10	100	3	4	40	1	10	50	1	5	100	3	49	70	3	
56	21X41A0457	6	60	2	6	60	2	4	40	1	7	35	0	5	100	3	8	80	3	10	100	3	7	70	3	16	80	3	5	100	3	42	60	2	
57	21X41A0458	6	60	2	0	0	0	7	70	3	6	30	0	5	100	3	5	50	1	2	20	0	1	10	0	13	65	2	5	100	3	21	30	0	
58	21X41A0459	10	100	3	8	80	3	8	80	3	9	45	1	5	100	3	8	80	3	10	100	3	1	10	0	9	45	1	5	100	3	49	70	3	
59	21X41A0460	10	100	3	7	70	3	10	100	3	5	25	0	5	100	3	8	80	3	10	100	3	2	20	0	7	35	0	5	100	3	56	80	3	
60	21X41A0461	10	100	3	8	80	3	10	100	3	11	55	2	5	100	3	8	80	3	10	100	3	0	0	0	7	35	0	5	100	3	35	50	1	
61	21X41A0462	10	100	3	9	90	3	10	100	3	9	45	1	5	100	3	10	100	3	10	100	3	9	90	3	6	30	0	5	100	3	42	60	2	
62	21X41A0463	10	100	3	7	70	3	8	80	3	7	35	0	5	100	3	5	50	1	10	100	3	8	80	3	10	50	1	5	100	3	63	90	3	
63	21X41A0464	10	100	3	8	80	3	8	80	3	9	45	1	5	100	3	8	80	3	10	100	3	5	50	1	8	40	1	5	100	3	63	90	3	
64	22X45A0401	10	100	3	8	80	3	9	90	3	8	40	1	5	100	3	9	90	3	10	100	3	8	80	3	12	60	2	5	100	3	63	90	3	
65	22X45A0402	7	70	3	2	20	0	8	80	3	8	40	1	5	100	3	8	80	3	10	100	3	5	50	1	9	45	1	5	100	3	56	80	3	
66	22X45A0403	7	70	3	0	0	0	3	30	0	8	40	1	5	100	3	5	50	1	10	100	3	7	70	3	7	35	0	5	100	3	35	50	1	
67	22X45A0404	10	100	3	10	100	3	10	100	3	8	40	1	5	100	3	9	90	3	10	100	3	8	80	3	9	45	1	5	100	3	49	70	3	
68	22X45A0405	10	100	3	7	70	3	9	90	3	9	45	1	5	100	3	8	80	3	9	90	3	0	0	0	8	40	1	5	100	3	49	70	3	
69	22X45A0406	10	100	3	0	0	0	0	0	0	6	30	0	5	100	3	9	90	3	9	90	3	5	50	1	12	60	2	5	100	3	42	60	2	
70	22X45A0407	10	100	3	10	100	3	9	90	3	13	65	2	5	100	3	9	90	3	9	90	3	9	90	3	11	55	2	5	100	3	49	70	3	
71	21X41A0465	7	70	3	4	40	1	5	50	1	6	30	0	5	100	3	7	70	3	6	60	2	6	60	2	12	60	2	5	100	3	21	30	0	
72	21X41A0466	7	70	3	4	40	1	2	20	0	6	30	0	5	100	3	3	30	0	2	20	0	0	0	0	8	40	1	5	100	3	21	30	0	
73	21X41A0467	8	80	3	1	10	0	5	50	1	9	45	1	5	100	3	7	70	3	8	80	3	8	80	3	9	45	1	5	100	3	42	60	2	
74	21X41A0468	10	100	3	5	50	1	7	70	3	6	30	0	5	100	3	8	80	3	8	80	3	1	10	0	14	70	3	5	100	3	56	80	3	
75	21X41A0469	10	100	3	1	10	0	6	60	2	10	50	1	5	100	3	6	60	2	2	20	0	7	70	3	4	20	0	5	100	3	21	30	0	
76	21X41A0470	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	49	70	3	
77	21X41A0471	9	90	3	4	40	1	2	20	0	5	25	0	5	100	3	7	70	3	8	80	3	0	0	0	12	60	2	5	100	3	21	30	0	
78	21X41A0472	9	90	3	4	40	1	8	80	3	9	45	1	5	100	3	7	70	3	9	90	3	2	20	0	12	60	2	5	100	3	42	60	2	
79	21X41A0474	10	100	3	8	80	3	8	80	3	9	45	1	5	100	3	7	70	3	9	90	3	5	50	1	12	60	2	5	100	3	35	50	1	
80	21X41A0475	9	90	3	3	30	0	6	60	2	9	45	1	5	100	3	0	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	35	50	1
81	21X41A0476	0	0	0	0	0	0	0	0	0	2	10	0	5	100	3	0	0	0	4	40	1	1	10	0	1	5	0	5	100	3	21	30	0	
82	21X41A0477	10	100	3	9	90	3	9	90	3	14	70	3	5	100	3	8	80	3	10	100	3	6	60	2	8	40	1	5	100	3	49	70	3	
83	21X41A0478	8	80	3	5	50	1	6	60	2	8	40	1	5	100	3	8	80	3	4	40	1	0	0	0	10	50	1	5	100	3	0	0	0	

SRK INSTITUTE OF TECHNOLOGY
 VILAYAWADA-521 108
 PRINCIPAL

114	21X41A04B1	5	50	1	0	0	0	0	0	0	10	50	1	5	100	3	3	30	0	5	50	1	4	40	1	10	50	1	5	100	3	35	50	1
115	21X41A04B2	4	40	1	4	40	1	0	0	0	6	30	0	5	100	3	3	30	0	7	70	3	0	0	0	5	25	0	5	100	3	21	30	0
116	21X41A04B3	10	100	3	8	80	3	8	80	3	10	50	1	5	100	3	10	100	3	10	100	3	9	90	3	17	85	3	5	100	3	49	70	3
117	21X41A04B4	9	90	3	4	40	1	4	40	1	6	30	0	5	100	3	5	50	1	5	50	1	6	60	2	10	50	1	5	100	3	21	30	0
118	21X41A04B5	6	60	2	4	40	1	8	80	3	5	25	0	5	100	3	0	0	0	5	50	1	0	0	0	4	20	0	5	100	3	21	30	0
119	22X45A0408	4	40	1	5	50	1	8	80	3	8	40	1	5	100	3	0	0	0	0	0	0	0	0	0	17	85	3	5	100	3	21	30	0
120	22X45A0409	10	100	3	8	80	3	9	90	3	9	45	1	5	100	3	9	90	3	10	100	3	8	80	3	13	65	2	5	100	3	49	70	3
121	22X45A0410	10	100	3	7	70	3	8	80	3	7	35	0	5	100	3	5	50	1	10	100	3	8	80	3	10	50	1	5	100	3	49	70	3
122	22X45A0411	10	100	3	4	40	1	4	40	1	7	35	0	5	100	3	8	80	3	10	100	3	0	0	0	12	60	2	5	100	3	21	30	0
123	22X45A0412	8	80	3	4	40	1	4	40	1	8	40	1	5	100	3	6	60	2	10	100	3	4	40	1	9	45	1	5	100	3	21	30	0
124	22X45A0413	0	0	0	3	30	0	6	60	2	8	40	1	5	100	3	0	0	0	10	100	3	0	0	0	8	40	1	5	100	3	21	30	0
125	22X45A0414	10	100	3	5	50	1	8	80	3	7	35	0	5	100	3	8	80	3	10	100	3	4	40	1	7	35	0	5	100	3	49	70	3
126	22X45A0415	10	100	3	8	80	3	10	100	3	11	55	2	5	100	3	10	100	3	10	100	3	10	100	3	13	65	2	5	100	3	42	60	2
127	22X45A0416	8	80	3	5	50	1	4	40	1	6	30	0	5	100	3	8	80	3	4	40	1	2	20	0	11	55	2	5	100	3	21	30	0
128	22X45A0417	10	100	3	6	60	2	6	60	2	9	45	1	5	100	3	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	35	50	1
129	22X45A0418	9	90	3	6	60	2	6	60	2	8	40	1	5	100	3	6	60	2	10	100	3	0	0	0	12	60	2	5	100	3	56	80	3
130	22X45A0419	10	100	3	4	40	1	3	30	0	5	25	0	5	100	3	6	60	2	4	40	1	0	0	0	13	65	2	5	100	3	35	50	1
131	22X45A0420	10	100	3	7	70	3	8	80	3	13	65	2	5	100	3	2	20	0	5	50	1	4	40	1	8	40	1	5	100	3	21	30	0
132	22X45A0421	10	100	3	8	80	3	8	80	3	8	40	1	5	100	3	5	50	1	10	100	3	4	40	1	6	30	0	5	100	3	21	30	0
133	22X45A0422	10	100	3	6	60	2	6	60	2	8	40	1	5	100	3	7	70	3	10	100	3	6	60	2	13	65	2	5	100	3	49	70	3
134	22X45A0423	10	100	3	6	60	2	6	60	2	16	80	3	5	100	3	7	70	3	10	100	3	3	30	0	8	40	1	5	100	3	21	30	0
135	22X45A0424	10	100	3	0	0	0	0	0	0	5	25	0	5	100	3	8	80	3	10	100	3	7	70	3	10	50	1	5	100	3	21	30	0
136	22X45A0425	9	90	3	3	30	0	0	0	0	9	45	1	5	100	3	5	50	1	8	80	3	5	50	1	14	70	3	5	100	3	35	50	1
137	22X45A0426	9	90	3	0	0	0	0	0	0	7	35	0	5	100	3	5	50	1	6	60	2	0	0	0	10	50	1	5	100	3	35	50	1
138	22X45A0427	10	100	3	7	70	3	8	80	3	10	50	1	5	100	3	8	80	3	10	100	3	5	50	1	10	50	1	5	100	3	21	30	0
139	22X45A0428	10	100	3	8	80	3	9	90	3	8	40	1	5	100	3	9	90	3	10	100	3	7	70	3	6	30	0	5	100	3	56	80	3
140	22X45A0429	10	100	3	8	80	3	8	80	3	14	70	3	5	100	3	9	90	3	10	100	3	7	70	3	8	40	1	5	100	3	49	70	3
AVERAGE		8.29	82.93	2.63	4.99	49.86	1.56	5.96	59.64	2.01	8.19	40.93	0.81	5	100	3	6.6	65.57	2.19	7.36	73.64	2.27	1	44.57	1.36	8.95	44.75	1.11	5	100	3	34.9	49.5	1.27
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)		
CO WISE SUM		2.63			1.56			2.01			0.81			3			2.19			2.27			1.36											

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	2.63	0.81	3	1.27	1.51	98.15	2.94	1.8	65	60.00
CO2	1.56	0.81	3	1.27	1.35	97.54	2.93	1.67	65	55.67
CO3	2.1	0.96	3	1.27	1.45	98.77	2.96	1.75	65	58.33
CO4	2.27	1.11	3	1.27	1.49	97.85	2.94	1.78	65	59.33
CO5	1.36	1.11	3	1.27	1.35	98.15	2.94	1.67	65	55.67

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO Matrix for the Subject RVSP

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1:Classify different number systems and apply to generate various codes.	3	3								2		1
CO2:Minimize the switching functions by using the concept of Boolean algebra		3	2	3						3		1
CO3:Design different types of combinational logic circuits		3	3	3	3					2		1
CO4:Apply knowledge of flip-flops in designing of Registers and Counters		2	3	3						3		1
CO5:Design methodology for synchronous sequential circuits and algorithmic state machines & Produce innovative designs by modifying the traditional design techniques.			2		2					3		1

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
5.4	19.22	17.27	15.6	8.59	0	0	0	0	22.46	0	8.67	0	8.67	8.67
1.8	1.75	1.73	1.73	2.86	0	0	0	0	1.73	0	1.73	0	1.73	1.73

Dr. S. SRI GOWRI, M.Tech., Ph.D.
 Professor & ~~Head~~ HOD, E.E. Dept.
 S. SRK INSTITUTE OF TECHNOLOGY
 ENIKEPADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A.Y:2022-23

BRANCH: ECE		YEAR-SEM: II-I	SUBJECT:SS															FACULTY NAME: V.SEKHARABABU															EXTERNAL MARKS					
S.NO.	ROLL NO.	NAME OF THE STUDENT	MID EXAM - I															MID EXAM - II															Marks			% Level		
			Q1			Q2			Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE			ASSIGNMENT								
			Marks	%	Level	Marks	%	Level	Marks	%	Level	Marks	%	Level	Marks	%	Level	Marks	%	Level	Marks	%	Level	Marks	%	Level	Marks	%	Level	Marks	%	Level	Marks	%	Level			
1	21X41A0401	ANKAM MANIKANTA SWAMY	4	40	1	1	10	0	0	0	0	0	8	40	1	5	100	3	3	30	0	3	30	0	4	40	1	18	90	3	5	100	3	42	60	2		
2	21X41A0402	ANNEPU NANDA KRISHNA	8	80	3	1	10	0	6	60	2	14	70	3	5	100	3	5	50	1	6	60	2	0	0	0	19	95	3	5	100	3	49	70	3			
3	21X41A0403	NARTHU SUNDARRAO	3	30	0	0	0	0	6	60	2	5	25	0	5	100	3	0	0	0	5	50	1	3	30	0	9	45	1	5	100	3	21	30	0			
4	21X41A0404	BALAGAM VINAY ROHIT	0	0	0	0	0	0	0	0	0	5	25	0	5	100	3	0	0	0	0	0	0	0	0	0	13	65	2	5	100	3	21	30	0			
5	21X41A0405	BOMMI SATHWIKA	0	0	0	0	0	0	0	0	0	2	10	0	5	100	3	0	0	0	0	0	0	0	8	80	3	6	30	0	5	100	3	21	30	0		
6	21X41A0406	BONTHU PRASANNA KUMAR	8	80	3	0	0	0	10	100	3	12	60	2	5	100	3	3	30	0	5	50	1	3	30	0	16	80	3	5	100	3	49	70	3			
7	21X41A0407	BUSAM POORNESH	3	30	0	0	0	0	6	60	2	11	55	2	5	100	3	2	20	0	6	60	2	10	100	3	18	90	3	5	100	3	21	30	0			
8	21X41A0408	DESRNGULA VENKATA PRAVEEN	3	30	0	3	30	0	0	0	0	9	45	1	5	100	3	6	60	2	5	50	1	4	40	1	16	80	3	5	100	3	35	50	1			
9	21X41A0409	CHINTADA BALAJI	0	0	0	0	0	0	2	20	0	8	40	1	5	100	3	4	40	1	4	40	1	5	50	1	11	55	2	5	100	3	21	30	0			
10	21X41A0410	CHITTI SAI KUMAR	0	0	0	5	50	1	8	80	3	7	35	0	5	100	3	10	100	3	10	100	3	9	90	3	13	65	2	5	100	3	35	50	1			
11	21X41A0411	CHUKKA BHAVANARAYANA	7	70	3	6	60	2	10	100	3	12	60	2	5	100	3	6	60	2	4	40	1	8	80	3	16	80	3	5	100	3	49	70	3			
12	21X41A0412	DAMARLA LEELA KARTHIK SRIRAM	0	0	0	0	0	0	7	70	3	11	55	2	5	100	3	3	30	0	4	40	1	0	0	0	14	70	3	5	100	3	21	30	0			
13	21X41A0413	DAMODARA BHASKAR RAO	9	90	3	0	0	0	4	40	1	7	35	0	5	100	3	5	50	1	11	110	0	0	0	0	19	95	3	5	100	3	35	50	1			
14	21X41A0414	DASA VENKATAGOPI	6	60	2	0	0	0	10	100	3	9	45	1	5	100	3	4	40	1	4	40	1	8	80	3	13	65	2	5	100	3	42	60	2			
15	21X41A0415	DEEVELA RAVI TEJA	8	80	3	9	90	3	10	100	3	8	40	1	5	100	3	3	30	0	5	50	1	7	70	3	6	30	0	5	100	3	49	70	3			
16	21X41A0416	EJUGANI RAMYASRI	6	60	2	3	30	0	10	100	3	4	20	0	5	100	3	2	20	0	2	20	0	3	30	0	7	35	0	5	100	3	42	60	2			
17	21X41A0417	GADDE NAGA POOJITHA	0	0	0	0	0	0	0	0	0	6	30	0	5	100	3	4	40	1	0	0	0	0	0	0	17	85	3	5	100	3	35	50	1			
18	21X41A0418	GARIKIPATI KRISHNAVENI AKSHITHA	9	90	3	6	60	2	6	60	2	7	35	0	5	100	3	8	80	3	7	70	3	8	80	3	17	85	3	5	100	3	56	80	3			
19	21X41A0419	GARLAPATI SRI MADHAVI	8	80	3	9	90	3	10	100	3	9	45	1	5	100	3	9	90	3	5	50	1	10	100	3	9	45	1	5	100	3	63	90	3			
20	21X41A0420	GELLA AJITH	4	40	1	1	10	0	0	0	0	9	45	1	5	100	3	3	30	0	0	0	0	2	20	0	9	45	1	5	100	3	21	30	0			
21	21X41A0421	GULLAPUDIN V S JANARDHANA SAI	6	60	2	0	0	0	6	60	2	8	40	1	5	100	3	1	10	0	1	10	0	4	40	1	17	85	3	5	100	3	21	30	0			
22	21X41A0422	GUNUPURU MANASA	6	60	2	0	0	0	8	80	3	11	55	2	5	100	3	0	0	0	4	40	1	9	90	3	5	25	0	5	100	3	35	50	1			
23	21X41A0423	GURIVINDAPALLI VAMSI	0	0	0	0	0	0	0	0	0	5	25	0	5	100	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	30	0		
24	21X41A0424	JAMPANA BHARGAV	2	20	0	1	10	0	8	80	3	8	40	1	5	100	3	7	70	3	4	40	1	3	30	0	16	80	3	5	100	3	42	60	2			
25	21X41A0425	KALAPARTHI DEVENDRA SIVA KUMAR	5	50	1	1	10	0	2	20	0	10	50	1	5	100	3	0	0	0	2	20	0	0	0	0	11	55	2	5	100	3	42	60	2			
26	21X41A0426	KANAPARTHI YUGANDHAR	6	60	2	0	0	0	7	70	3	3	15	0	5	100	3	9	90	3	4	40	1	7	70	3	9	45	1	5	100	3	42	60	2			
27	21X41A0427	KANNA CHAKRA VARDHAN	7	70	3	4	40	1	8	80	3	9	45	1	5	100	3	6	60	2	5	50	1	9	90	3	19	95	3	5	100	3	56	80	3			
28	21X41A0428	KATIKALA NIKHILA SRI	8	80	3	1	10	0	6	60	2	4	20	0	5	100	3	3	30	0	2	20	0	4	40	1	17	85	3	5	100	3	42	60	2			
29	21X41A0429	KATTA SAI NIKHIL	2	20	0	0	0	0	0	0	0	5	25	0	5	100	3	0	0	0	0	0	0	0	0	0	5	25	0	5	100	3	0	0	0			
30	21X41A0430	KAVURJ RAM MOHAN	9	90	3	1	10	0	4	40	1	8	40	1	5	100	3	7	70	3	4	40	1	6	60	2	14	70	3	5	100	3	42	60	2			
31	21X41A0431	KODURI KAVYA	10	100	3	10	100	3	9	90	3	7	35	0	5	100	3	8	80	3	4	40	1	10	100	3	16	80	3	5	100	3	56	80	3			
32	21X41A0432	KOLLU RAVI SANKAR	5	50	1	0	0	0	5	50	1	6	30	0	5	100	3	0	0	0	4	40	1	0	0	0	10	50	1	5	100	3	21	30	0			
33	21X41A0433	KOMMUGURI PAUL DAVID RAJU	7	70	3	2	20	0	8	80	3	7	35	0	5	100	3	10	100	3	7	70	3	10	100	3	19	95	3	5	100	3	49	70	3			
34	21X41A0434	LOTLA UHA KUMARI	7	70	3	1	10	0	6	60	2	6	30	0	5	100	3	3	30	0	4	40	1	4	40	1	9	45	1	5	100	3	35	50	1			
35	21X41A0435	MALICHARLA CHANTI	4	40	1	0	0	0	6	60	2	8	40	1	5	100	3	4	40	1	5	50	1	1	10	0	18	90	3	5	100	3	35	50	1			
36	21X41A0436	MARRI SANJAY	0	0	0	2	20	0	6	60	2	6	30	0	5	100	3	3	30	0	6	60	2	1	10	0	18	90	3	5	100	3	0	0	0			
37	21X41A0437	MODUGU MRUDHULA	9	90	3	1	10	0	8	80	3	9	45	1	5	100	3	9	90	3	5	50	1	0	0	0	13	65	2	5	100	3	35	50	1			
38	21X41A0438	MOHAMMAD ISMATULLA KHAN	4	40	1	0	0	0	0	0	0	9	45	1	5	100	3	0	0	0	0	0	0	0	0	0	6	30	0	5	100	3	21	30	0			
39	21X41A0439	MOHAMMAD REENA	3	30	0	0	0	0	3	30	0	8	40	1	5	100	3	0	0	0	3	30	0	3	30	0	5	25	0	5	100	3	21	30	0			
40	21X41A0440	MUDRABOYINA ANJALI	3	30	0	3	30	0	1	10	0	6	30	0	5	100	3	1	10	0	7	70	3	0	0	0	7	35	0	5	100	3	21	30	0			
41	21X41A0441	MULAGANI SUBBA REDDY	2	20	0	0	0	0	1	10	0	4	20	0	5	100	3	4	40	1	5	50	1	5	50	1	18	90	3	5	100	3	35	50	1			
42	21X41A0442	MURARI CHANDU HARINI	2	20	0	0	0	0	1	10	0	6	30	0	5	100	3	2	20	0	0	0	0	4	40	1	10	50	1	5	100	3	21	30	0			
43	21X41A0443	NABHIGIRI UDAY PAVAN	7	70	3	0	0	0	8	80	3	11	55	2	5	100	3	0	0	0	2	20	0	4	40	1	7	35	0	5	100	3	21	30	0			
44	21X41A0445	NUNE TULASIRAO	2	20	0	0	0	0	7	70	3	5	25	0	5	100	3	0	0	0	0	0	0	0	6	60	2	17	85	3	5	100	3	21	30	0		

PRINCIPAL

45	21X41A0446	PALLAPOTHU V N D SAI SIVARAM	7	70	3	2	20	0	5	50	1	5	25	0	5	100	3	7	70	3	4	40	1	8	80	3	8	40	1	5	100	3	35	50	1
46	21X41A0447	PANCHAKARLA KEERTHANA	5	50	1	2	20	0	4	40	1	10	50	1	5	100	3	5	50	1	4	40	1	0	0	0	6	30	0	5	100	3	42	60	2
47	21X41A0448	POLAKI GEETHARANI	7	70	3	1	10	0	10	100	3	8	40	1	5	100	3	3	30	0	5	50	1	0	0	0	5	25	0	5	100	3	35	50	1
48	21X41A0449	PRAHALLA VENKATA NAGA	8	80	3	8	80	3	10	100	3	8	40	1	5	100	3	6	60	2	5	50	1	8	80	3	9	45	1	5	100	3	56	80	3
49	21X41A0450	PRAGADA POOJITHA	7	70	3	0	0	0	8	80	3	7	35	0	5	100	3	5	50	1	7	70	3	4	40	1	17	85	3	5	100	3	56	80	3
50	21X41A0451	PRATHIPATI REVANTH VARMA	0	0	0	0	0	0	0	0	0	3	15	0	5	100	3	0	0	0	0	0	0	3	30	0	5	25	0	5	100	3	21	30	0
51	21X41A0452	PULLAGOORA DURGA PRASAD	1	10	0	1	10	0	1	10	0	10	50	1	5	100	3	3	30	0	2	20	0	5	50	1	18	90	3	5	100	3	42	60	2
52	21X41A0453	PUPPALA VENKATA SWAMY	2	20	0	1	10	0	1	10	0	6	30	0	5	100	3	0	0	0	0	0	0	5	50	1	10	50	1	5	100	3	21	30	0
53	21X41A0454	REBALLI JOHN WESLEY	1	10	0	0	0	0	2	20	0	8	40	1	5	100	3	0	0	0	0	0	0	0	0	0	18	90	3	5	100	3	42	60	2
54	21X41A0455	SHAIK FAZULU	9	90	3	3	30	0	6	60	2	5	25	0	5	100	3	5	50	1	4	40	1	8	80	3	6	30	0	5	100	3	21	30	0
55	21X41A0456	SHAIK NAGUL MEERA	2	20	0	0	0	0	0	0	0	5	25	0	5	100	3	1	10	0	0	0	0	4	40	1	10	50	1	5	100	3	42	60	2
56	21X41A0457	SIMHAMBHATLA KRISHNAVAMSI	4	40	1	2	20	0	0	0	0	5	25	0	5	100	3	8	80	3	4	40	1	4	40	1	19	95	3	5	100	3	21	30	0
57	21X41A0458	SYED BALAL	2	20	0	0	0	0	0	0	0	4	20	0	5	100	3	3	30	0	2	20	0	0	0	0	10	50	1	5	100	3	21	30	0
58	21X41A0459	TUMMIGUNTA HARSHITHA	7	70	3	1	10	0	0	0	0	2	10	0	5	100	3	4	40	1	4	40	1	3	30	0	2	10	0	5	100	3	42	60	2
59	21X41A0460	TAGORE VISWANATH SANNALA	8	80	3	1	10	0	8	80	3	9	45	1	5	100	3	4	40	1	4	40	1	7	70	3	10	50	1	5	100	3	42	60	2
60	21X41A0461	VEMULA DURGA BHAVANI	5	50	1	4	40	1	8	80	3	6	30	0	5	100	3	3	30	0	4	40	1	3	30	0	9	45	1	5	100	3	42	60	2
61	21X41A0462	VISHNUMOLAKALA SADHIKA	7	70	3	6	60	2	10	100	3	5	25	0	5	100	3	10	100	3	5	50	1	6	60	2	9	45	1	5	100	3	49	70	3
62	21X41A0463	YARAKARAJU VAGDEVI	10	100	3	4	40	1	10	100	3	7	35	0	5	100	3	10	100	3	5	50	1	10	100	3	3	15	0	5	100	3	56	80	3
63	21X41A0464	YATRA BHARGAVI	9	90	3	4	40	1	8	80	3	4	20	0	5	100	3	0	0	0	0	0	0	5	50	1	5	25	0	5	100	3	21	30	0
64	22X45A0401	MADIPILLI JHANSI RANI	10	100	3	7	70	3	8	80	3	7	35	0	5	100	3	6	60	2	6	60	2	10	100	3	10	50	1	5	100	3	56	80	3
65	22X45A0402	GOTTIPARTHI MOUNIKA	10	100	3	7	70	3	8	80	3	5	25	0	5	100	3	9	90	3	5	50	1	4	40	1	4	20	0	5	100	3	49	70	3
66	22X45A0403	BODDU MANASA	10	100	3	1	10	0	3	30	0	4	20	0	5	100	3	3	30	0	9	90	3	3	30	0	4	20	0	5	100	3	42	60	2
67	22X45A0404	MUPPIDI VIDHYA SRI	9	90	3	8	80	3	7	70	3	5	25	0	5	100	3	7	70	3	5	50	1	10	100	3	13	65	2	5	100	3	56	80	3
68	22X45A0405	JOJO ANISHA	10	100	3	0	0	0	0	0	0	8	40	1	5	100	3	6	60	2	1	10	0	10	100	3	3	15	0	5	100	3	42	60	2
69	22X45A0406	REMINISETTY NAVEEN BABU	10	100	3	5	50	1	8	80	3	6	30	0	5	100	3	0	0	0	2	20	0	10	100	3	17	85	3	5	100	3	21	30	0
70	22X45A0407	VAKA MANASA	8	80	3	8	80	3	5	50	1	5	25	0	5	100	3	2	20	0	5	50	1	10	100	3	10	50	1	5	100	3	56	80	3
71	21X41A0465	CHADARAM RUTHWIQ	5	50	1	5	50	1	4	40	1	8	40	1	5	100	3	0	0	0	4	40	1	0	0	0	15	75	3	5	100	3	21	30	0
72	21X41A0466	BOTTU VAMSI	5	50	1	3	30	0	1	10	0	6	30	0	5	100	3	0	0	0	0	0	0	0	0	0	16	80	3	5	100	3	42	60	2
73	21X41A0467	CHEJURI KAMAL TEJ	2	20	0	1	10	0	0	0	0	7	35	0	5	100	3	2	20	0	4	40	1	10	100	3	18	90	3	5	100	3	42	60	2
74	21X41A0468	CHENNU NAGENDRA BABU	2	20	0	0	0	0	3	30	0	9	45	1	5	100	3	3	30	0	5	50	1	0	0	0	17	85	3	5	100	3	21	30	0
75	21X41A0469	CHERUKURU NIHARIKA	4	40	1	0	0	0	1	10	0	4	20	0	5	100	3	4	40	1	7	70	3	0	0	0	8	40	1	5	100	3	42	60	2
76	21X41A0470	CHINTHA NAGA PRASANNA	9	90	3	9	90	3	10	100	3	6	30	0	5	100	3	7	70	3	6	60	2	8	80	3	14	70	3	5	100	3	56	80	3
77	21X41A0471	CHINTHAM VENU	5	50	1	3	30	0	8	80	3	5	25	0	5	100	3	0	0	0	0	0	0	0	0	0	17	85	3	5	100	3	21	30	0
78	21X41A0472	DASARI LAKSHMI PRASANNA	5	50	1	5	50	1	6	60	2	12	60	2	5	100	3	0	0	0	4	40	1	5	50	1	9	45	1	5	100	3	42	60	2
79	21X41A0474	DUDLA RAJESH	8	80	3	3	30	0	5	50	1	4	20	0	5	100	3	10	100	3	4	40	1	3	30	0	19	95	3	5	100	3	21	30	0
80	21X41A0475	GANDI RAGHUPATHI	0	0	0	0	0	0	0	0	0	1	5	0	5	100	3	2	20	0	2	20	0	0	0	0	15	75	3	5	100	3	21	30	0
81	21X41A0476	GARIKINA LAKSHMAN KUMAR	5	50	1	2	20	0	2	20	0	47	235		5	100	3	0	0	0	0	0	0	0	0	0	15	75	3	5	100	3	21	30	0
82	21X41A0477	GUDAVALLI AMULYA	5	50	1	0	0	0	4	40	1	5	25	0	5	100	3	7	70	3	6	60	2	7	70	3	20	100	3	5	100	3	56	80	3
83	21X41A0478	GUNDALA KRANTHI KUMAR	5	50	1	3	30	0	0	0	0	12	60	2	5	100	3	0	0	0	2	20	0	0	0	0	14	70	3	5	100	3	21	30	0
84	21X41A0479	KONKINENI TARAKA VENKATA	7	70	3	1	10	0	8	80	3	8	40	1	5	100	3	0	0	0	0	0	0	2	20	0	20	100	3	5	100	3	35	50	1
85	21X41A0480	MUDRABOINA VENKATA CHAITANYA	5	50	1	6	60	2	10	100	3	5	25	0	5	100	3	2	20	0	3	30	0	0	0	0	20	100	3	5	100	3	35	50	1
86	21X41A0482	MADARI VENKATESH	6	60	2	5	50	1	10	100	3	5	25	0	5	100	3	10	100	3	0	0	0	0	0	0	18	90	3	5	100	3	42	60	2
87	21X41A0483	MANTRI MOUNIKA	6	60	2	9	90	3	4	40	1	8	40	1	5	100	3	1	10	0	9	90	3	0	0	0	18	90	3	5	100	3	42	60	2
88	21X41A0484	MARAPAKALA MAHENDRA	5	50	1	3	30	0	8	80	3	5	25	0	5	100	3	0	0	0	0	0	0	0	0	16	80	3	5	100	3	35	50	1	
89	21X41A0485	MOLLETI YUVASRI SRINIVAS	1	10	0	6	60	2	6	60	2	8	40	1	5	100	3	0	0	0	4	40	1	2	20	0	17	85	3	5	100	3	21	30	0
90	21X41A0486	MOTHUKURI SAHITHI	7	70	3	5	50	1	2	20	0	3	15	0	5	100	3	4	40	1	5	50	1	6	60	2	10	50	1	5	100	3	42	60	2
91	21X41A0487	NAGIREDDY JYOTHI BHAVANI	0	0	0	0	0	0	0	0	0	11	55	2	5	100	3	7	70	3	5	50	1	4	40	1	8	40	1	5	100	3	42	60	2
92	21X41A0488	NANDETI PRESS	5	50	1	0	0	0	0	0	0	7	35	0	5	100	3	0	0	0	0	0	0	0	0	14	70	3	5	100	3	21	30	0	
93	21X41A0489	PALAVALASA SAI SRIRAM	5	50	1	3	30	0	4	40	1	4	20	0	5	100	3	0	0	0	0	0	0	0	0	0	15	75	3	5	100	3	21	30	0

95	21X41A0491	PONALI PRASANNA DEEPIKA	5	50	1	0	0	0	0	0	0	5	25	0	5	100	3	0	0	0	2	20	0	0	0	0	0	0	0	5	100	3	21	30	0	
96	21X41A0492	PRATHIPATI PRATHISHA	7	70	3	9	90	3	8	80	3	11	55	2	5	100	3	9	90	3	6	60	2	0	0	0	17	85	3	5	100	3	56	80	3	
97	21X41A0493	RACHAMANTI VANI	5	50	1	5	50	1	5	50	1	7	35	0	5	100	3	1	10	0	5	50	1	0	0	0	10	50	1	5	100	3	21	30	0	
98	21X41A0494	RASAPUTRA KARTHIK SINGH	6	60	2	1	10	0	4	40	1	6	30	0	5	100	3	1	10	0	2	20	0	0	0	12	60	2	5	100	3	21	30	0		
99	21X41A0495	SAREPALLI SAI DURGA	5	50	1	4	40	1	10	100	3	11	55	2	5	100	3	10	100	3	7	70	3	0	0	0	17	85	3	5	100	3	49	70	3	
100	21X41A0496	SHAIK JIKRIYA	2	20	0	1	10	0	3	30	0	5	25	0	5	100	3	3	30	0	4	40	1	3	30	0	7	35	0	5	100	3	35	50	1	
101	21X41A0497	SUNKARA NAGA RAJU	8	80	3	5	50	1	0	0	0	6	30	0	5	100	3	0	0	0	6	60	2	4	40	1	19	95	3	5	100	3	49	70	3	
102	21X41A0498	SURATHA RAMYA	5	50	1	2	20	0	1	10	0	8	40	1	5	100	3	0	0	0	5	50	1	0	0	0	10	50	1	5	100	3	21	30	0	
103	21X41A0499	SUSANNA MANDALAPUDI	3	30	0	2	20	0	0	0	0	15	75	3	5	100	3	5	50	1	5	50	1	10	100	3	18	90	3	5	100	3	21	30	0	
104	21X41A04A0	THOTA LEELADHAR	0	0	0	0	0	0	0	0	0	6	30	0	5	100	3	0	0	0	5	50	1	10	100	3	3	15	0	5	100	3	0	0	0	
105	21X41A04A1	THOTA SAI MADHU LATHA	2	20	0	2	20	0	8	80	3	11	55	2	5	100	3	2	20	0	5	50	1	0	0	9	45	1	5	100	3	21	30	0		
106	21X41A04A2	VALLURI PAVAN KUMAR	2	20	0	1	10	0	4	40	1	6	30	0	5	100	3	0	0	0	0	0	0	3	30	0	4	20	0	5	100	3	21	30	0	
107	21X41A04A3	VENNAPUSA LAKSHMI PRASANNA	4	40	1	3	30	0	0	0	0	9	45	1	5	100	3	7	70	3	2	20	0	5	50	1	9	45	1	5	100	3	42	60	2	
108	21X41A04A4	VONTERU MEGHAMALA	2	20	0	0	0	0	1	10	0	4	20	0	5	100	3	3	30	0	3	30	0	4	40	1	5	25	0	5	100	3	21	30	0	
109	21X41A04A5	YANGALADASU JEEVA MADHURI	2	20	0	0	0	0	1	10	0	4	20	0	5	100	3	0	0	0	5	50	1	3	30	0	18	90	3	5	100	3	21	30	0	
110	21X41A04A6	CHALAMALASETTY MOHITH	5	50	1	1	10	0	1	10	0	4	20	0	5	100	3	0	0	0	5	50	1	4	40	1	14	70	3	5	100	3	21	30	0	
111	21X41A04A7	BANDREDDY SAI BABU	0	0	0	0	0	0	0	0	0	8	40	1	5	100	3	0	0	0	4	40	1	4	40	1	16	80	3	5	100	3	0	0	0	
112	21X41A04A8	VASAM VINOSH	9	90	3	0	0	0	4	40	1	3	15	0	5	100	3	3	30	0	5	50	1	10	100	3	19	95	3	5	100	3	49	70	3	
113	21X41A04B0	NAGULWAR AKSHAY VENUGOPAL	10	100	3	0	0	0	10	100	3	5	25	0	5	100	3	6	60	2	5	50	1	5	50	1	19	95	3	5	100	3	35	50	1	
114	21X41A04B1	KUNAPAREDDY MANOJ VENKATA	2	20	0	0	0	0	0	0	0	9	45	1	5	100	3	0	0	0	0	0	0	0	0	0	7	35	0	5	100	3	35	50	1	
115	21X41A04B2	GADDE VAMSIKRISHNA	2	20	0	0	0	0	0	0	0	13	65	2	5	100	3	4	40	1	4	40	1	0	0	15	75	3	5	100	3	0	0	0		
116	21X41A04B3	MUTHYALA CHANDRA KIRAN	8	80	3	4	40	1	0	0	0	14	70	3	5	100	3	7	70	3	6	60	2	6	60	2	19	95	3	5	100	3	49	70	3	
117	21X41A04B4	LANDA GNANESWARA RAO	6	60	2	4	40	1	1	10	0	5	25	0	5	100	3	5	50	1	6	60	2	4	40	1	19	95	3	5	100	3	35	50	1	
118	21X41A04B5	MUKKAMALA BHUVAN SASANK	0	0	0	0	0	0	0	0	0	5	25	0	5	100	3	0	0	0	0	0	0	0	0	0	18	90	3	5	100	3	21	30	0	
119	22X45A0406	Ch NITHIN	5	50	1	2	20	0	0	0	0	5	25	0	5	100	3	0	0	0	0	0	0	0	0	0	18	90	3	5	100	3	21	30	0	
120	22X45A0409	MARADA DHARANJIA	5	50	1	2	20	0	4	40	1	8	40	1	5	100	3	0	0	0	7	70	3	3	30	0	18	90	3	5	100	3	35	50	1	
121	22X45A0410	LAGUDU VENKATA NEELA LOHITHA	9	90	3	3	30	0	8	80	3	6	30	0	5	100	3	1	10	0	5	50	1	10	100	3	8	40	1	5	100	3	35	50	1	
122	22X45A0411	PAGOLU JAHNAVI	6	60	2	2	20	0	0	0	0	7	35	0	5	100	3	5	50	1	0	0	0	0	8	80	3	9	45	1	5	100	3	21	30	0
123	22X45A0412	CHILAKA RAVI KANTH	6	60	2	0	0	0	2	20	0	7	35	0	5	100	3	3	30	0	2	20	0	0	0	7	35	0	5	100	3	35	50	1		
124	22X45A0413	MADUGULA VINAY KUMAR	3	30	0	0	0	0	0	0	0	7	35	0	5	100	3	2	20	0	0	0	0	0	0	13	65	2	5	100	3	21	30	0		
125	22X45A0414	THUMU GEETHIKA	5	50	1	0	0	0	1	10	0	3	15	0	5	100	3	4	40	1	5	50	1	2	20	0	11	55	2	5	100	3	21	30	0	
126	22X45A0415	KOPPANATI YAMINI	7	70	3	8	80	3	6	60	2	6	30	0	5	100	3	6	60	2	6	60	2	8	80	3	9	45	1	5	100	3	56	80	3	
127	22X45A0416	J SIVA SANKAR	0	0	0	3	30	0	0	0	0	5	25	0	5	100	3	0	0	0	4	40	1	0	0	10	50	1	5	100	3	21	30	0		
128	22X45A0417	R S RAGHUNANDHAN REDDY	0	0	0	0	0	0	0	0	0	5	25	0	5	100	3	1	10	0	3	30	0	4	40	1	0	0	0	5	100	3	21	30	0	
129	22X45A0418	KV SIVARAM AJAY	3	30	0	0	0	0	0	0	0	6	30	0	5	100	3	2	20	0	3	30	0	6	60	2	14	70	3	5	100	3	35	50	1	
130	22X45A0419	K HEMANTH	3	30	0	0	0	0	0	0	0	5	25	0	5	100	3	2	20	0	2	20	0	0	0	19	95	3	5	100	3	42	60	2		
131	22X45A0420	P DEVENDRA	5	50	1	2	20	0	1	10	0	7	35	0	5	100	3	5	50	1	3	30	0	2	20	0	0	0	0	5	100	3	42	60	2	
132	22X45A0421	V AJAY KUMAR	5	50	1	2	20	0	1	10	0	8	40	1	5	100	3	4	40	1	2	20	0	4	40	1	14	70	3	5	100	3	21	30	0	
133	22X45A0422	R PRAMELA	10	100	3	5	50	1	0	0	0	5	25	0	5	100	3	6	60	2	1	10	0	8	80	3	6	30	0	5	100	3	42	60	2	
134	22X45A0423	A NIKHITHA	5	50	1	0	0	0	0	0	0	6	30	0	5	100	3	4	40	1	5	50	1	0	0	10	50	1	5	100	3	21	30	0		
135	22X45A0424	E PRAVALLIKA	8	80	3	2	20	0	6	60	2	0	0	0	5	100	3	2	20	0	1	10	0	1	10	0	18	90	3	5	100	3	35	50	1	
136	22X45A0425	A ASWINI	9	90	3	3	30	0	0	0	0	4	20	0	5	100	3	0	0	0	0	0	0	0	0	8	40	1	5	100	3	35	50	1		
137	22X45A0426	RAJULAPATI TARUN KUMAR	0	0	0	0	0	0	0	0	0	4	20	0	5	100	3	1	10	0	0	0	0	2	20	0	13	65	2	5	100	3	21	30	0	
138	22X45A0427	MANEPALLI HEMA VARSHINI	8	80	3	0	0	0	4	40	1	6	30	0	5	100	3	2	20	0	4	40	1	2	20	0	4	20	0	5	100	3	35	50	1	
139	22X45A0428	GORRELA KRISHNA VENI	8	80	3	8	80	3	2	20	0	8	40	1	5	100	3	10	100	3	5	50	1	10	100	3	12	60	2	5	100	3	56	80	3	
140	22X45A0429	JAMPANA BAABJI	6	60	2	3	30	0	1	10	0	4	20	0	5	100	3	3	30	0	2	20	0	3	30	0	12	60	2	5	100	3	42	60	2	
AVERAGE			4.99	49.9	1.44	2.25	0.49	3.97	39.4	1.19	7.05	35.3	0.5	5	100	3	3.27	32.7	0.82	3.49	34.9	0.82	3.73	37.3	1.01	12	60.1	1.77	4.96	49.3	2.98	33.1	47.1	1.17		
COURSE OUTCOMES			CO1		CO2		CO3		ONLINE (CO1-CO3)		IGNMENT (CO1-CO3)		CO3		CO4		CO5		ONLINE (CO3-CO5)		IGNMENT (CO3-CO5)		TERNAL (CO1-CO5)													
CO WISE SUM			1.44		0.49		1.19		0.5		3		0.82		0.82		1.01		1.77		2.98		1.17													

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENT AGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL of ATTAINMENT %	ATTAINMENT PERCENT AGE
CO1	1.44	0.5	3	1.17	1.24	97.53	2.93	1.58	65	52.67
CO2	0.49	0.5	3	1.17	1.09	96.92	2.91	1.45	65	48.33
CO3	1.01	1.14	2.99	1.17	1.23	94.61	2.84	1.55	65	51.67
CO4	0.82	1.77	2.98	1.17	1.27	96.76	2.9	1.6	65	53.33
CO5	1.01	1.77	2.98	1.17	1.3	95.69	2.87	1.61	65	53.67

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70
*Upper boundary exclusive		

CO-PO Matrix for the Subject SS

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	ATTAINMENT LEVELS
CO1	3	2								2		2	2			1.58
CO2	3	2										3	3	2		1.45
CO3	2	2	2							2		3	3			1.55
CO4	3	2	2							2		2	3	2		1.6
CO5	2	2	2									2	3			1.61

PO ATTAINMENTS

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
20.21	15.58	9.52	0	0	0	0	0	0	9.46	0	18.58	21.79	6.1	0
1.55	1.56	1.59							1.58		1.55	1.56	1.53	

Dr. S. SRI GOWRI, M.Tech., Ph.D.,
 Professor & Head of E.C.E. Dept.
 S.R.K. Institute of Technology



PRINCIPAL
 SRK INSTITUTE OF TECHNOLOGY
 NIKEPADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSO

YEAR-SEM: II-I		A.Y:2022-23						SUBJECT: RVSP									FACULTY NAME : P.KOTESWARA RAO												EXTERNAL MARKS					
S.NO.	ROLL NO.	MID EXAM - I			MID EXAM - II			MID EXAM - I			MID EXAM - II			MID EXAM - I			MID EXAM - II			MID EXAM - I			MID EXAM - II											
		Q1		Q2		Q3		ONLINE			ASSIGNMENT			Q1		Q2		Q3		ONLINE			ASSIGNMENT											
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L			
1	21X41A0401	5	50	1	4	40	1	0	0	0	6	30	0	5	100	3	10	100	3	0	0	0	0	0	19	95	3	5	100	3	21	30	0	
2	21X41A0402	4	40	1	10	100	3	5	50	1	9	45	1	5	100	3	9	90	3	8	80	3	5	50	1	20	100	3	5	100	3	21	30	0
3	21X41A0403	10	100	3	5	50	1	4	40	1	6	30	0	5	100	3	9	90	3		0	0	2	20	0	18	90	3	5	100	3	35	50	1
4	21X41A0404	0	0	0		0	0		0	0	7	35	0	5	100	3		0	0		0	0	5	50	1	20	100	3	5	100	3	21	30	0
5	21X41A0405	6	60	2	5	50	1	0	0	0	4	20	0	5	100	3	7	70	3	4	40	1	3	30	0	19	95	3	5	100	3	21	30	0
6	21X41A0406	5	50	1	5	50	1	4	40	1	7	35	0	5	100	3	10	100	3	8	80	3	0	0	0	19	95	3	5	100	3	42	60	2
7	21X41A0407	1	10	0	5	50	1		0	0	8	40	1	5	100	3	10	100	3	7	70	3	5	50	1	20	100	3	5	100	3	21	30	0
8	21X41A0408	6	60	2	3	30	0	0	0	0	5	25	0	5	100	3	10	100	3	1	10	0	10	100	3	20	100	3	5	100	3	42	60	2
9	21X41A0409	3	30	0	3	30	0	3	30	0	3	15	0	5	100	3	8	80	3		0	0	8	80	3	18	90	3	5	100	3	21	30	0
10	21X41A0410	9	90	3	10	100	3	5	50	1	9	45	1	5	100	3	10	100	3	4	40	1	4	40	1	19	95	3	5	100	3	42	60	2
11	21X41A0411	8	80	3	10	100	3	9	90	3	6	30	0	5	100	3	10	100	3	3	30	0	9	90	3	18	90	3	5	100	3	49	70	3
12	21X41A0412	4	40	1	0	0	0	3	30	0	8	40	1	5	100	3	10	100	3		0	0	10	100	3	20	100	3	5	100	3	42	60	2
13	21X41A0413	9	90	3	5	50	1	5	50	1	2	10	0	5	100	3	10	100	3	6	60	2	5	50	1	20	100	3	5	100	3	21	30	0
14	21X41A0414	7	70	3		0	0		0	0	6	30	0	5	100	3	9	90	3	9	90	3	5	50	1	15	75	3	5	100	3	21	30	0
15	21X41A0415	7	70	3	6	60	2	10	100	3	8	40	1	5	100	3	10	100	3	9	90	3	10	100	3	20	100	3	5	100	3	70	100	3
16	21X41A0416	10	100	3	9	90	3	8	80	3	6	30	0	5	100	3	6	60	2	1	10	0	10	100	3	10	50	1	5	100	3	42	60	2
17	21X41A0417	0	0	0	0	0	0	0	0	0	6	30	0	5	100	3	2	20	0		0	0		0	0	18	90	3	5	100	3	21	30	0
18	21X41A0418	9	90	3	10	100	3	8	80	3	12	60	2	5	100	3	10	100	3	10	100	3	3	30	0	19	95	3	5	100	3	56	80	3
19	21X41A0419	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	10	100	3	10	100	3	9	90	3	17	85	3	5	100	3	70	100	3
20	21X41A0420	2	20	0	4	40	1	1	10	0	2	10	0	5	100	3	9	90	3		0	0	10	100	3	18	90	3	5	100	3	21	30	0
21	21X41A0421	4	40	1	3	30	0	0	0	0	7	35	0	5	100	3	10	100	3	7	70	3	8	80	3	20	100	3	5	100	3	21	30	0
22	21X41A0422	8	80	3	7	70	3	6	60	2	9	45	1	5	100	3	8	80	3		0	0	2	20	0	18	90	3	5	100	3	21	30	0
23	21X41A0423	0	0	0	0	0	0		0	0	9	45	1	5	100	3		0	0		0	0		0	0	0	0	0	0	0	0	21	30	0

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA -521108

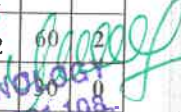
24	21X41A0424	1	10	0	0	0	0	2	20	0	7	35	0	5	100	3	9	90	3	10	00	3	0	0	20	100	3	5	100	3	49	70	3		
25	21X41A0425	5	50	1	0	0	0	4	40	1	11	55	2	5	100	3	10	100	3	3	30	0	6	60	2	20	100	3	5	100	3	21	30	0	
26	21X41A0426	4	40	1	8	80	3	3	30	0	7	35	0	5	100	3	10	100	3	4	40	1	2	20	0	19	95	3	5	100	3	42	60	2	
27	21X41A0427	9	90	3	7	70	3	7	70	3	4	20	0	5	100	3	10	100	3	5	50	1	8	80	3	20	100	3	5	100	3	63	90	3	
28	21X41A0428	8	80	3	4	40	1	7	70	3	14	70	3	5	100	3	5	50	1	8	80	3	4	40	1	15	75	3	5	100	3	42	60	2	
29	21X41A0429	3	30	0	0	0	0	0	0	0	7	35	0	5	100	3	3	30	0	0	0	0	4	40	1	15	75	3	5	100	3	0	0	0	
30	21X41A0430	6	60	2	5	50	1	5	50	1	8	40	1	5	100	3	10	100	3	4	40	1	0	0	18	90	3	5	100	3	21	30	0		
31	21X41A0431	9	90	3	10	100	3	10	100	3	12	60	2	5	100	3	8	80	3	10	100	3	2	20	0	20	100	3	5	100	3	70	100	3	
32	21X41A0432	6	60	2	10	100	3	5	50	1	4	20	0	5	100	3	10	100	3	10	100	3	7	70	3	20	100	3	5	100	3	42	60	2	
33	21X41A0433	7	70	3	10	100	3	9	90	3	7	35	0	5	100	3	9	90	3	10	100	3	3	30	0	20	100	3	5	100	3	49	70	3	
34	21X41A0434	8	80	3	8	80	3	7	70	3	8	40	1	5	100	3	7	70	3	2	20	0	7	70	3	8	40	1	5	100	3	21	30	0	
35	21X41A0435	7	70	3	5	50	1	5	50	1	9	45	1	5	100	3	9	90	3	2	20	0	0	0	0	20	100	3	5	100	3	21	30	0	
36	21X41A0436	8	80	3	4	40	1	3	30	0	6	30	0	5	100	3	9	90	3	0	0	0	2	20	0	20	100	3	5	100	3	0	0	0	
37	21X41A0437	9	90	3	6	60	2	7	70	3	8	40	1	5	100	3	10	100	3	5	50	1	5	50	1	17	85	3	5	100	3	49	70	3	
38	21X41A0438	9	90	3	5	50	1	3	30	0	3	15	0	5	100	3	9	90	3	0	0	0	8	80	3	20	100	3	5	100	3	21	30	0	
39	21X41A0439	5	50	1	0	0	0	1	10	0	4	20	0	5	100	3	9	90	3	0	0	0	8	80	3	7	35	0	5	100	3	21	30	0	
40	21X41A0440	9	90	3	0	0	0	6	60	2	7	35	0	5	100	3	5	50	1	0	0	0	8	80	3	12	60	2	5	100	3	21	30	0	
41	21X41A0441	9	90	3	5	50	1	5	50	1	3	15	0	5	100	3	10	100	3	0	0	0	0	0	0	20	100	3	5	100	3	21	30	0	
42	21X41A0442	9	90	3	3	30	0	5	50	1	4	20	0	5	100	3	4	40	1	4	40	1	3	30	0	12	60	2	5	100	3	21	30	0	
43	21X41A0443	10	100	3	0	0	0	5	50	1	8	40	1	5	100	3	9	90	3	4	40	1	0	0	0	18	90	3	5	100	3	35	50	1	
44	21X41A0445	7	70	3	2	20	0	6	60	2	4	20	0	5	100	3	7	70	3	3	30	0	0	0	0	20	100	3	5	100	3	21	30	0	
45	21X41A0446	7	70	3	10	100	3	6	60	2	8	40	1	5	100	3	10	100	3	4	40	1	1	10	0	15	75	3	5	100	3	42	60	2	
46	21X41A0447	6	60	2	5	50	1	5	50	1	3	15	0	5	100	3	8	80	3	0	0	0	5	50	1	10	50	1	5	100	3	21	30	0	
47	21X41A0448	8	80	3	10	100	3	1	10	0	8	40	1	5	100	3	5	50	1	10	100	3	5	50	1	9	45	1	5	100	3	49	70	3	
48	21X41A0449	9	90	3	10	100	3	8	80	3	13	65	2	5	100	3	10	100	3	8	80	3	0	0	0	12	60	2	5	100	3	56	80	3	
49	21X41A0450	8	80	3	5	50	1	10	100	3	5	25	0	5	100	3	8	80	3	7	70	3	3	30	0	11	55	2	5	100	3	21	30	0	
50	21X41A0451	4	40	1	1	10	0	8	80	3	7	35	0	5	100	3	0	0	0	0	0	6	60	2	0	0	0	5	100	3	21	30	0		
51	21X41A0452	4	40	1	7	70	3	5	50	1	2	10	0	5	100	3	10	100	3	0	0	0	0	0	4	20	0	5	100	3	21	30	0		
52	21X41A0453	6	60	2	10	100	3	9	90	3	10	50	1	5	100	3	10	100	3	0	0	0	0	0	20	100	3	5	100	3	21	30	0		
53	21X41A0454	8	80	3	5	50	1	6	60	2	7	35	0	5	100	3	10	100	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PRINCIPAL
SBK INSTITUTE OF TECHNOLOGY
VIJAYAWADA-521 199
21 30 0

54	21X41A0455	7	70	3	10	100	3	8	80	3	4	20	0	5	100	3	8	80	3	10	.00	3	0	0	14	70	3	5	100	3	42	60	2		
55	21X41A0456	6	60	2	8	80	3	5	50	1	4	20	0	5	100	3	5	50	1	0	0	0	4	40	1	5	25	0	5	100	3	21	30	0	
56	21X41A0457	8	80	3	6	60	2	9	90	3	9	45	1	5	100	3	3	30	0	0	0	0	0	0	20	100	3	5	100	3	42	60	2		
57	21X41A0458	4	40	1	7	70	3	6	60	2	8	40	1	5	100	3	3	30	0	0	0	0	6	60	2	18	90	3	5	100	3	21	30	0	
58	21X41A0459	5	50	1	9	90	3	5	50	1	7	35	0	5	100	3	6	60	2	2	20	0	4	40	1	11	55	2	5	100	3	42	60	2	
59	21X41A0460	7	70	3	10	100	3	9	90	3	6	30	0	5	100	3	9	90	3	0	0	5	50	1	18	90	3	5	100	3	21	30	0		
60	21X41A0461	8	80	3	5	50	1	6	60	2	6	30	0	5	100	3	10	100	3	5	50	1	1	10	0	19	95	3	5	100	3	35	50	1	
61	21X41A0462	8	80	3	8	80	3	7	70	3	8	40	1	5	100	3	7	70	3	9	90	3	0	0	7	35	0	5	100	3	49	70	3		
62	21X41A0463	8	80	3	10	100	3	10	100	3	10	50	1	5	100	3	10	100	3	10	100	3	7	70	3	6	30	0	5	100	3	70	100	3	
63	21X41A0464	6	60	2	6	60	2	5	50	1	5	25	0	5	100	3	1	10	0	6	60	2	3	30	0	4	20	0	5	100	3	35	50	1	
64	22X45A0401	10	100	3	10	100	3	8	80	3	8	40	1	5	100	3	8	80	3	10	100	3	2	20	0	20	100	3	5	100	3	21	30	0	
65	22X45A0402	8	80	3	0	0	3	30	0	3	15	0	5	100	3	7	70	3	8	80	3	5	50	1	16	80	3	5	100	3	42	60	2		
66	22X45A0403	3	30	0	2	20	0	0	0	3	15	0	5	100	3	7	70	3	8	80	3	0	0	0	17	85	3	5	100	3	21	30	0		
67	22X45A0404	8	80	3	7	70	3	4	40	1	5	25	0	5	100	3	10	100	3	9	90	3	4	40	1	16	80	3	5	100	3	21	30	0	
68	22X45A0405	3	30	0	10	100	3	6	60	2	8	40	1	5	100	3	8	80	3	9	90	3	10	100	3	5	25	0	5	100	3	70	100	3	
69	22X45A0406	6	60	2	5	50	1	2	20	0	4	20	0	5	100	3	3	30	0	10	100	3	0	0	0	20	100	3	5	100	3	42	60	2	
70	22X45A0407	10	100	3	9	90	3	6	60	2	4	20	0	5	100	3	8	80	3	10	100	3	0	0	0	15	75	3	5	100	3	21	30	0	
71	21X41A0465	10	100	3	3	30	0	6	60	2	6	30	0	5	100	3	4	40	1	5	50	1	5	50	1	17	85	3	5	100	3	49	70	3	
72	21X41A0466	9	90	3	2	20	0	4	40	1	7	35	0	5	100	3	4	40	1	5	50	1	0	0	0	0	0	5	100	3	21	30	0		
73	21X41A0467	9	90	3	4	40	1	4	40	1	6	30	0	5	100	3	9	90	3	0	0	0	0	0	20	100	3	5	100	3	42	60	2		
74	21X41A0468	9	90	3	7	70	3	9	90	3	9	45	1	5	100	3	5	50	1	0	0	0	0	0	20	100	3	5	100	3	42	60	2		
75	21X41A0469	5	50	1	2	20	0	4	40	1	3	15	0	5	100	3	0	0	0	0	0	0	0	0	16	80	3	5	100	3	21	30	0		
76	21X41A0470	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	10	100	3	10	100	3	0	0	0	19	95	3	5	100	3	63	90	3	
77	21X41A0471	9	90	3	4	40	1	4	40	1	10	50	1	5	100	3	9	90	3	2	20	0	5	50	1	20	100	3	5	100	3	21	30	0	
78	21X41A0472	7	70	3	5	50	1	5	50	1	5	25	0	5	100	3	10	100	3	6	60	2	5	50	1	11	55	2	5	100	3	42	60	2	
79	21X41A0474	9	90	3	10	100	3	10	100	3	6	30	0	5	100	3	10	100	3	5	50	1	1	10	0	20	100	3	5	100	3	42	60	2	
80	21X41A0475	9	90	3	5	50	1	9	90	3	2	10	0	5	100	3	9	90	3	5	50	1	2	20	0	20	100	3	5	100	3	21	30	0	
81	21X41A0476	10	100	3	4	40	1	5	50	1	6	30	0	5	100	3	0	0	0	0	0	2	20	0	0	0	0	0	0	0	0	0	0	0	0
82	21X41A0477	9	90	3	10	100	3	10	100	3	10	50	1	5	100	3	4	40	1	9	90	3	0	0	0	0	0	0	0	0	0	0	0	0	0
83	21X41A0478	8	80	3	0	0	3	30	0	5	25	0	5	100	3	4	40	1	5	50	1	10	100	3	19	95	3	5	100	3	21	30	0		

SRK INSTITUTE OF TECHNOLOGY
 BIKANER, RAJASTHAN
 VIJAYAWADA-521 109

84	21X41A0479	8	80	3	2	20	0	5	50	1	9	45	1	5	100	3	10	100	3	0	0	0	0	0	20	100	3	5	100	3	21	30	0	
85	21X41A0480	9	90	3	3	30	0	5	50	1	6	30	0	5	100	3	10	100	3	5	50	1	3	30	0	20	100	3	5	100	3	42	60	2
86	21X41A0482	9	90	3	5	50	1	5	50	1	11	55	2	5	100	3	10	100	3	0	0	0	6	60	2	20	100	3	5	100	3	21	30	0
87	21X41A0483	8	80	3	7	70	3	8	80	3	5	25	0	5	100	3	10	100	3	4	40	1	1	10	0	18	90	3	5	100	3	42	60	2
88	21X41A0484	5	50	1	5	50	1	4	40	1	7	35	0	5	100	3	9	90	3	0	0	3	30	0	20	100	3	5	100	3	21	30	0	
89	21X41A0485	8	80	3	7	70	3	8	80	3	6	30	0	5	100	3	9	90	3	1	10	0	5	50	1	0	0	5	100	3	21	30	0	
90	21X41A0486	10	100	3	7	70	3	8	80	3	8	40	1	5	100	3	9	90	3	4	40	1	5	50	1	11	55	2	5	100	3	56	80	3
91	21X41A0487	8	80	3	10	100	3	9	90	3	6	30	0	5	100	3	10	100	3	0	0	4	40	1	15	75	3	5	100	3	42	60	2	
92	21X41A0488	6	60	2	5	50	1	0	0	0	7	35	0	5	100	3	8	80	3	5	50	1	7	70	3	0	0	5	100	3	21	30	0	
93	21X41A0489	9	90	3	5	50	1	5	50	1	7	35	0	5	100	3	5	50	1	5	50	1	0	0	0	5	25	0	5	100	3	21	30	0
94	21X41A0490	9	90	3	8	80	3	0	0	0	9	45	1	5	100	3	9	90	3	10	100	3	1	10	0	14	70	3	5	100	3	35	50	1
95	21X41A0491	4	40	1	3	30	0	0	0	0	8	40	1	5	100	3	5	50	1	0	0	0	0	0	15	75	3	5	100	3	21	30	0	
96	21X41A0492	10	100	3	10	100	3	7	70	3	9	45	1	5	100	3	10	100	3	4	40	1	0	0	20	100	3	5	100	3	42	60	2	
97	21X41A0493	5	50	1	1	10	0	0	0	0	9	45	1	5	100	3	10	100	3	4	40	1	5	50	1	14	70	3	5	100	3	21	30	0
98	21X41A0494	1	10	0	0	0	0	2	20	0	5	25	0	5	100	3	0	0	0	0	0	5	50	1	0	0	5	100	3	21	30	0		
99	21X41A0495	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	10	100	3	5	50	1	0	0	19	95	3	5	100	3	56	80	3	
100	21X41A0496	3	30	0	0	0	0	0	0	0	3	15	0	5	100	3	4	40	1	1	10	0	3	30	0	15	75	3	5	100	3	21	30	0
101	21X41A0497	8	80	3	7	70	3	10	100	3	7	35	0	5	100	3	10	100	3	5	50	1	6	60	2	19	95	3	5	100	3	49	70	3
102	21X41A0498	10	100	3	6	60	2	9	90	3	7	35	0	5	100	3	10	100	3	5	50	1	6	60	2	18	90	3	5	100	3	42	60	2
103	21X41A0499	10	100	3	5	50	1	6	60	2	9	45	1	5	100	3	10	100	3	4	40	1	5	50	1	19	95	3	5	100	3	21	30	0
104	21X41A04A0	6	60	2	5	50	1	0	0	0	6	30	0	5	100	3	5	50	1	4	40	1	5	50	1	16	80	3	5	100	3	0	0	0
105	21X41A04A1	0	0	0	0	0	0	0	0	0	11	55	2	5	100	3	10	100	3	4	40	1	0	0	19	95	3	5	100	3	21	30	0	
106	21X41A04A2	0	0	0	0	0	0	0	0	0	6	30	0	5	100	3	9	90	3	4	40	1	3	30	0	19	95	3	5	100	3	42	60	2
107	21X41A04A3	7	70	3	7	70	3	7	70	3	8	40	1	5	100	3	8	80	3	1	10	0	4	40	1	9	45	1	5	100	3	35	50	1
108	21X41A04A4	7	70	3	4	40	1	0	0	0	5	25	0	5	100	3	10	100	3	2	20	0	5	50	1	7	35	0	5	100	3	21	30	0
109	21X41A04A5	2	20	0	0	0	0	0	0	0	8	40	1	5	100	3	5	50	1	4	40	1	5	50	1	18	90	3	5	100	3	21	30	0
110	21X41A04A6	10	100	3	0	0	0	3	30	0	10	50	1	5	100	3	8	80	3	2	20	0	4	40	1	20	100	3	5	100	3	42	60	2
111	21X41A04A7	0	0	0	0	0	0	0	0	0	5	25	0	5	100	3	0	0	0	0	0	10	100	3	18	90	3	5	100	3	21	30	0	
112	21X41A04A8	0	0	0	0	0	0	0	0	0	8	40	1	5	100	3	8	80	3	4	40	1	0	0	20	100	3	5	100	3	21	30	0	
113	21X41A04B0	1	10	0	0	0	0	4	40	1	4	20	0	5	100	3	10	100	3	6	60	2	5	50	1	20	100	3	5	100	3	21	30	0

PRINCIPAL
 SRK INSTITUTE OF TECHNOLOGY
 ENNERADU, VILVAJAI, TAMIL NADU-521108


114	21X41A04B1		0	0	0	0	0	1	10	0	4	20	0	5	100	3	10	100	3	5	10	1	5	50	1	19	95	3	5	100	3	21	30	0
115	21X41A04B2	0	0	0		0	0	5	50	1	4	20	0	5	100	3	7	70	3	4	40	1	4	40	1	19	95	3	5	100	3	21	30	0
116	21X41A04B3	10	100	3	7	70	3	10	100	3	12	60	2	5	100	3	7	70	3	3	30	0	4	40	1	18	90	3	5	100	3	21	30	0
117	21X41A04B4	5	50	1	3	30	0	0	0	0	7	35	0	5	100	3	8	80	3	4	40	1	2	20	0	19	95	3	5	100	3	21	30	0
118	21X41A04B5	0	0	0		0	0		0	0	6	30	0	5	100	3	3	30	0	0	0	0	3	30	0	20	100	3	5	100	3	21	30	0
119	22X45A0408	3	30	0	0	0	0	0	0	0	4	20	0	5	100	3	8	80	3	9	90	3		0	0	6	30	0	5	100	3	21	30	0
120	22X45A0409	7	70	3	8	80	3	4	40	1	3	15	0	5	100	3	10	100	3	9	90	3	4	40	1	15	75	3	5	100	3	21	30	0
121	22X45A0410	9	90	3	9	90	3	9	90	3	6	30	0	5	100	3	9	90	3	9	90	3	4	40	1	17	85	3	5	100	3	35	50	1
122	22X45A0411	8	80	3	6	60	2	7	70	3	4	20	0	5	100	3	8	80	3	4	40	1		0	0	8	40	1	5	100	3	21	30	0
123	22X45A0412	3	30	0	2	20	0	0	0	0	7	35	0	5	100	3	9	90	3	4	40	1		0	0	8	40	1	5	100	3	21	30	0
124	22X45A0413	5	50	1	2	20	0	2	20	0	5	25	0	5	100	3	5	50	1		0	0	6	60	2	15	75	3	5	100	3	21	30	0
125	22X45A0414	9	90	3	5	50	1	9	90	3	5	25	0	5	100	3	10	100	3	2	20	0	0	0	0	12	60	2	5	100	3	21	30	0
126	22X45A0415	10	100	3	10	100	3	10	100	3	6	30	0	5	100	3	8	80	3	2	20	0	5	50	1	18	90	3	5	100	3	21	30	0
127	22X45A0416	1	10	0	5	50	1	2	20	0	3	15	0	5	100	3	10	100	3		0	0	5	50	1	18	90	3	5	100	3	42	60	2
128	22X45A0417	8	80	3	2	20	0	5	50	1	4	20	0	5	100	3		0	0		0	0	6	60	2		0	0	5	100	3	21	30	0
129	22X45A0418	4	40	1	5	50	1	2	20	0	6	30	0	5	100	3	9	90	3	0	0	0		0	0	12	60	2	5	100	3	21	30	0
130	22X45A0419	8	80	3	6	60	2	1	10	0	10	50	1	5	100	3	0	0	0		0	0	5	50	1	20	100	3	5	100	3	21	30	0
131	22X45A0420	7	70	3	10	100	3	6	60	2	5	25	0	5	100	3	0	0	0		0	0	5	50	1	7	35	0	5	100	3	0	0	0
132	22X45A0421	6	60	2	5	50	1		0	0	5	25	0	5	100	3	8	80	3	6	60	2	0	0	0	18	90	3	5	100	3	21	30	0
133	22X45A0422	6	60	2	7	70	3	0	0	0	8	40	1	5	100	3	10	100	3	3	30	0		0	0	6	30	0	5	100	3	21	30	0
134	22X45A0423	6	60	2	7	70	3	6	60	2	4	20	0	5	100	3	9	90	3	2	20	0	5	50	1	13	65	2	5	100	3	21	30	0
135	22X45A0424	7	70	3	6	60	2	2	20	0	6	30	0	5	100	3	10	100	3		0	0		0	0	20	100	3	5	100	3	35	50	1
136	22X45A0425	5	50	1	6	60	2	4	40	1	3	15	0	5	100	3	10	100	3	4	40	1	5	50	1	17	85	3	5	100	3	42	60	2
137	22X45A0426		0	0		0	0	0	0	0	6	30	0	5	100	3	10	100	3		0	0	5	50	1	20	100	3	5	100	3	21	30	0
138	22X45A0427	8	80	3	8	80	3	5	50	1	5	25	0	5	100	3	9	90	3	5	50	1	5	50	1	13	65	2	5	100	3	21	30	0
139	22X45A0428	10	100	3	9	90	3	8	80	3	4	20	0	5	100	3	8	80	3	6	60	2	0	0	0	20	100	3	5	100	3	21	30	0
140	22X45A0429	4	40	1	4	40	1	9	90	3	8	40	1	5	100	3	8	80	3	2	20	0	3	30	0	18	90	3	5	100	3	56	80	3
AVERAGE		6.49	64	2.1	5.6	51	1.47	5.14	46	1.34	6.56	32.8	0.4	5	100	3	8	76	2.4	5.1	38	1	1	35	0.9	16.1	76	2.1	5	100	3	44	0.9	
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			EXTERNAL (CO3-CO5)					
CO WISE SUM		2.06			1.47			1.34			0.42			3			2.39			1.04			0.86			2.38			3					

SRM INSTITUTE OF TECHNOLOGY
 ENKAYAMANGALAM, VIJAYAWADA
 521 108

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	2.06	0.42	3	0.91	1.14	98.15	2.94	1.5	65	50.00
CO2	1.47	0.42	3	0.91	1.05	97.54	2.93	1.43	65	47.67
CO3	1.865	1.4	3	0.91	1.21	98.77	2.96	1.56	65	52.00
CO4	1.04	2.38	3	0.91	1.18	97.85	2.94	1.53	65	51.00
CO5	0.86	2.38	3	0.91	1.15	98.15	2.94	1.51	65	50.33


SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	≥ 70

CO-PO correlation Matrix for the Subject RVSP

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1: Describe the concept of Random Variable, functions based on Random Variable like distribution and density functions.	2	3	1	1								2	2	2	
CO2: Determine the expected value, moments on one random variable and their transformations.	2	2	1	1								3	2	2	
CO3: Illustrate the concepts of joint distribution and density functions on multiple random variables and their transformations.	3	2	1	1								3	2	2	
CO4: Analyse the statistical characteristics of stochastic processes like auto correlation and cross correlation functions	2	3	1	1								2	3	2	
CO5: Derive the Power Density Spectrum and Cross Power Density Spectrum of signals	2	2	1	1								2	2	2	

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
16.62	18.09	7.53	7.53	0	0	0	0	0	0	0	18.05	16.59	15.06	0
1.51	1.51	1.51	1.51	0	0	0	0	0	0	0	1.5	1.51	1.51	0


 PRINCIPAL
 SRK INSTITUTE OF TECHNOLOGY
 ENIKERAPU, VIJAYAWADA-521 108-



SRK INSTITUTE OF TECHNOLOGY
 Enikepadu, Vijayawada 521108
 Autonomous, Approved by AICTE, Affiliated to JNTUK, Kakinada
 ISO 9001:2015 Certified Institution
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
 ACADEMIC YEAR: 2023-23

BRANCH: ECE		YEAR-SEM: II-I		NAME OF LAB: JAVA			FACULTY NAME: CH. SIYA RAJESHI			INTERNAL									EXTERNAL							
S.NO.	ROLL NO.	NAME OF THE STUDENT	Observation			Record			CO 1			CO 2			CO 3			CO 1			CO 2			CO 3		
			MARKS	%	LEVEL	MARKS	%	LEVEL	MARKS	%	LEVEL	MARKS	%	LEVEL	MARKS	%	LEVEL	MARKS	%	LEVEL	MARKS	%	LEVEL	MARKS	%	LEVEL
			Daywise Performance																							
1	21X41A0401	ANKAM MANIKANTA SWAMY	5	100	3	5	100	3	4	80.00	3		0.00		0.00		23	65.71	2		0.00		0.00			
2	21X41A0402	ANNEPU NANDA KRISHNA	5	100	3	5	100	3		0.00		3	100.00	3		0.00		26	74.29	3		0.00		0.00		
3	21X41A0403	NARTHU SUNDARRAO	4	80	3	4	80	3		0.00			0.00		5	100.00	3	23	65.71	2		0.00		0.00		
4	21X41A0404	BAJAGAM VINAY ROHINI	5	100	3	5	100	3	4	80.00	3		0.00		0.00			0.00		23	65.71	2		0.00		
5	21X41A0405	BOMMI SATHWIKA	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		23	65.71	2		0.00	
6	21X41A0406	BONTHU PRASANNA KUMAR	4	80	3	4	80	3		0.00			0.00		5	100.00	3		0.00		33	94.29	3		0.00	
7	21X41A0407	BUSAM POORNESH	5	100	3	5	100	3	5	100.00	3		0.00		0.00			0.00		23	65.71	2		0.00		
8	21X41A0408	DEBNSCULA VENKATA PRAVIRN	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00			0.00		28	80.00	3
9	21X41A0409	CHENTADA BALAJI	5	100	3	5	100	3		0.00			0.00		5	100.00	3		0.00			0.00		28	80.00	3
10	21X41A0410	CHETTI SAI KUMAR	5	100	3	5	100	3	5	100.00	3		0.00		0.00			0.00			0.00		34	97.14	3	
11	21X41A0411	CHUKKA BHAVANARAYANA	4	80	3	4	80	3		0.00		5	100.00	3		0.00		23	65.71	2		0.00		0.00		
12	21X41A0412	DAMARLA LEELA KARTHIK SRIRAM	5	100	3	5	100	3		0.00			0.00		5	100.00	3		0.00		28	80.00	3		0.00	
13	21X41A0413	DAMODARA BHASKAR RAO	5	100	3	5	100	3	4	80.00	3		0.00			0.00		33	94.29	3		0.00		0.00		
14	21X41A0414	DASA VENKATACIPI	4	80	3	4	80	3		0.00		5	100.00	3		0.00			0.00		33	94.29	3		0.00	
15	21X41A0415	DEEVIKA RAVI TEJA	5	100	3	5	100	3		0.00			0.00		5	100.00	3		0.00		34	97.14	3		0.00	
16	21X41A0416	ELJIGANI RAMYASRI	4	80	3	4	80	3	5	100.00	3		0.00			0.00			0.00			0.00		23	65.71	2
17	21X41A0417	GADDE NAGA POOJITHA	5	100	3	5	100	3		0.00		4	80.00	3		0.00			0.00			0.00		34	97.14	3
18	21X41A0418	GARIKIPATI KRISHNA VENI AKSHEETHA	5	100	3	5	100	3		0.00			0.00		5	100.00	3		0.00			0.00		34	97.14	3
19	21X41A0419	GARIPATI SRI MADHAVI	5	100	3	5	100	3	5	100.00	3		0.00			0.00		34	97.14	3		0.00		0.00		
20	21X41A0420	GELLA AJITH	4	80	3	4	80	3		0.00		4	80.00	3		0.00		33	94.29	3		0.00		0.00		
21	21X41A0421	GULLAPUDI N V S JANARDHANA SAI KRISHNA	4	80	3	4	80	3		0.00			0.00		4	80.00	3	34	97.14	3		0.00		0.00		
22	21X41A0422	GUNUPURU MANASA	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00		30	85.71	3		0.00	
23	21X41A0423	GURIVINDAPALLI VAMSI	0	0		0	0			0.00		0	0.00			0.00			0.00		A	0.00		0.00		
24	21X41A0424	JAMPANA BHARGAV	5	100	3	5	100	3		0.00			0.00		5	100.00	3		0.00		28	80.00	3		0.00	
25	21X41A0425	KALAPARTHI DEVENDRA SIVA KUMAR	4	80	3	4	80	3	5	100.00	3		0.00			0.00			0.00			0.00		0.00		

[Signature]
PRINCIPAL

26	21X41A0426	KANAPARTHI YUGANDHAR	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00			0.00		28	80.00	3	
27	21X41A0427	KANNA CHAKRA VARDEAN	5	100	3	5	100	3		0.00			0.00	5	100.00	3			0.00			0.00		28	80.00	3	
28	21X41A0428	KATIKALA NIKHILA SRI	5	100	3	5	100	3	5	100.00	3		0.00		0.00		23	65.71	2			0.00			0.00		
29	21X41A0429	KATTA SAI NIKHIL	0	0		0	0			0.00		0	0.00		0.00		A	0.00				0.00			0.00		
30	21X41A0430	KAVURI RAM MOHAN	5	100	3	5	100	3		0.00			0.00	5	100.00	3	28	80.00	3			0.00			0.00		
31	21X41A0431	KODURI KAVYA	5	100	3	5	100	3	5	100.00	3		0.00		0.00			0.00		34	97.14	3			0.00		
32	21X41A0432	KOLLU RAVI SANKAR	5	100	3	5	100	3		0.00		5	100.00	3		0.00		0.00		34	97.14	3			0.00		
33	21X41A0433	KOMMUGURI PAUL DAVID RAJU	5	100	3	5	100	3		0.00			0.00	5	100.00	3			0.00			0.00		34	97.14	3	
34	21X41A0434	LOTIA UJJA KUMARI	5	100	3	5	100	3	5	100.00	3		0.00		0.00			0.00			0.00		20	57.14	2		
35	21X41A0435	MALICHARLA CHIANTI	5	100	3	5	100	3		0.00		5	100.00	3		0.00	25	71.43	3			0.00			0.00		
36	21X41A0436	MARRI BANJAY	5	100	3	5	100	3		0.00			0.00	4	80.00	3	20	57.14	2			0.00			0.00		
37	21X41A0437	MODUKU MRUDHULA	5	100	3	5	100	3	5	100.00	3		0.00		0.00		33	94.29	3			0.00			0.00		
38	21X41A0438	MOHAMMAD ISMATULLA KHAN	4	80	3	4	80	3		0.00		4	80.00	3		0.00		23	65.71	2			0.00			0.00	
39	21X41A0439	MOHAMMAD REENA	5	100	3	5	100	3		0.00			0.00	5	100.00	3			0.00		20	57.14	2			0.00	
40	21X41A0440	MUDRABOYINA ANJALI	4	80	3	4	80	3	5	100.00	3		0.00		0.00			0.00		23	65.71	2			0.00		
41	21X41A0441	MULAGANI SUBBA REDDY	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		23	65.71	2			0.00	
42	21X41A0442	MURARI CHANDU HARINI	5	100	3	5	100	3		0.00			0.00	5	100.00	3	20	57.14	2			0.00			0.00		
43	21X41A0443	NABHIGIRI UDAY PAVAN	4	80	3	4	80	3	5	100.00	3		0.00		0.00		34	97.14	3			0.00			0.00		
44	21X41A0444	NARAVA UDAY SANKAR	0	0		0	0			0.00		0	0.00		0.00		0	0.00			0.00				0.00		
45	21X41A0445	NUNE TULASIRAO	4	80	3	4	80	3		0.00			0.00	5	100.00	3	33	94.29	3			0.00			0.00		
46	21X41A0446	PALLAPOTHU V N D SAI SIVARAM	5	100	3	5	100	3	5	100.00	3		0.00		0.00			0.00		23	65.71	2			0.00		
47	21X41A0447	PANCHAKARLA KISERTHANA	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		23	65.71	2			0.00	
48	21X41A0448	POLAKI GEETHARANI	5	100	3	5	100	3		0.00			0.00	5	100.00	3			0.00			0.00		34	97.14	3	
49	21X41A0449	PRABHALA VENKATA NAGA SAISRISHA	5	100	3	5	100	3	5	100.00	3		0.00		0.00			0.00			0.00		31	88.57	3		
50	21X41A0450	PRAGADA POOJITHA	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00			0.00		20	57.14	2	

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKERADU, VILAYATI ROAD-501 103,

51	21X41A0451	PRATHIPATI REVANTH VARMA	4	80	3	4	80	3		0.00			0.00		5	100.00	3		0.00			0.00		23	65.71	2
52	21X41A0452	PULLAGOCORA DURGA PRASAD	4	80	3	4	80	3	5	100.00	3		0.00			0.00			0.00			0.00		28	80.00	3
53	21X41A0453	PUPPALA VENKATA SWAMY	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00			0.00		25	71.43	3
54	21X41A0454	REMAILLI JOHN WESLEY	5	100	3	5	100	3		0.00			0.00		5	100.00	3		0.00			0.00		25	71.43	3
55	21X41A0455	SHAIK FAZULU	5	100	3	5	100	3	5	100.00	3		0.00			0.00		28	80.00	3		0.00			0.00	
56	21X41A0456	SHAIK NAJUL MEERA	4	80	3	4	80	3		0.00		5	100.00	3		0.00		23	65.71	2		0.00			0.00	
57	21X41A0457	SIMHAMBHATLA KRISHNAVAMSI	4	80	3	4	80	3		0.00			0.00		5	100.00	3	23	65.71	2		0.00			0.00	
58	21X41A0458	SYED BILAL	4	80	3	4	80	3	3	60.00	2		0.00			0.00		23	65.71	2		0.00			0.00	
59	21X41A0459	TUMMIGUNTA HARSHITHA	4	80	3	4	80	3		0.00		3	60.00	2		0.00		3	8.57			0.00			0.00	
60	21X41A0460	TAGORE VISWANATH SANNALA	5	100	3	5	100	3		0.00			0.00		5	100.00	3	25	71.43	3		0.00			0.00	
61	21X41A0461	VEEMULA DURGA BHAVANI	4	80	3	4	80	3	5	100.00	3		0.00			0.00		34	97.14	3		0.00			0.00	
62	21X41A0462	VISHNUNIMOLAKALA SADHIKA	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		34	97.14	3		0.00	
63	21X41A0463	YARAKARAJU VAGDEVI	5	100	3	5	100	3		0.00			0.00		4	80.00	3		0.00		34	97.14	3		0.00	
64	21X41A0464	YATRA BHARAVI	4	80	3	4	80	3	4	80.00	3		0.00			0.00			0.00		23	65.71	2		0.00	
65	21X41A0465	CHADARAM RUTHVIQ	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		25	71.43	3		0.00	
66	21X41A0466	BOTTU VAMSI	5	100	3	5	100	3		0.00			0.00		4	80.00	3		0.00			0.00		25	71.43	3
67	21X41A0467	CHEDURI KAMAL TEJ	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00			0.00		33	94.29	3
68	21X41A0468	CHENNU NAQENDRA BABU	5	100	3	5	100	3		0.00		4	80.00	3		0.00			0.00			0.00		25	71.43	3
69	21X41A0469	CHIRUKURU NIHARIKA	4	80	3	4	80	3		0.00			0.00		5	100.00	3		0.00			0.00		25	71.43	3
70	21X41A0470	CHINTHA NAGA PRASANNA	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00			0.00		34	97.14	3
71	21X41A0471	CHINTHAM VENU	5	100	3	5	100	3		0.00		4	80.00	3		0.00			0.00			0.00		34	97.14	3
72	21X41A0472	DASARI LAKSHMI PRASANNA	4	80	3	4	80	3		0.00			0.00		4	80.00	3		0.00		30	85.71	3		0.00	
73	21X41A0473	DINESH INDUPALLI	0	0		0	0		0	0.00			0.00			0.00			0.00		0	0.00			0.00	
74	21X41A0474	DUDLA RAJESH	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		34	97.14	3		0.00	
75	21X41A0475	GANDI RAGHUPATHI	5	100	3	5	100	3		0.00			0.00		5	100.00	3		0.00		30	85.71	3		0.00	



PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKERADU, VIJAYAWADA-521 108.

76	21X41A0476	GARIKINA LAKSHMAN KUMAR	4	80	3	4	80	3	5	100.00	3		0.00			0.00		20	57.14	2		0.00		0.00		
77	21X41A0477	GUDEVALLI AMULYA	4	80	3	4	80	3		0.00		5	100.00	3		0.00		34	97.14	3		0.00		0.00		
78	21X41A0478	GUNDALA KRANTHI KUMAR	5	100	3	5	100	3		0.00			0.00		5	100.00	3	30	85.71	3		0.00		0.00		
79	21X41A0479	KONKINENI TARAKA VENKATA CHALAPATHI RAO	5	100	3	5	100	3	5	100.00	3		0.00			0.00		33	94.29	3		0.00		0.00		
80	21X41A0480	M VENKATA CHAITANYA	5	100	3	5	100	3		0.00		5	100.00	3		0.00		34	97.14	3		0.00		0.00		
81	21X41A0481	KANCHARLA RANJITH	5	100	3	5	100	3		0.00			0.00		5	100.00	3	0	0.00			0.00		0.00		
82	21X41A0482	MADARI VINKATESH	5	100	3	5	100	3	5	100.00	3		0.00			0.00		34	97.14	3		0.00		0.00		
83	21X41A0483	MANTRI MODNIKA	4	80	3	4	80	3		0.00		5	100.00	3		0.00			0.00		25	71.43	3		0.00	
84	21X41A0484	MARAPAKALA MAHENDRA	4	80	3	4	80	3		0.00			0.00		5	100.00	3		0.00		33	94.29	3		0.00	
85	21X41A0485	MOLLETI YUVASRI SRINIVAS	4	80	3	4	80	3	5	100.00	3		0.00			0.00			0.00		32	91.43	3		0.00	
86	21X41A0486	MOTHUKURU SAHITHI	4	80	3	4	80	3		0.00		5	100.00	3		0.00			0.00		25	71.43	3		0.00	
87	21X41A0487	N JYOTHI BHAVANI	5	100	3	5	100	3		0.00			0.00		5	100.00	3		0.00		34	97.14	3		0.00	
88	21X41A0488	NANDETI PRSEESH	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00			0.00	23	65.71	2	
89	21X41A0489	PALAVALLA SAI SRIRAM	4	80	3	4	80	3		0.00		5	100.00	3		0.00			0.00			0.00	28	80.00	3	
90	21X41A0490	PAMARTHI JAENAVI	5	100	3	5	100	3		0.00			0.00		5	100.00	3		0.00			0.00	25	71.43	3	
91	21X41A0491	PONALI PRASANNA DHEEPIKA	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00			0.00	5	14.29		
92	21X41A0492	PRATHIPATI PRATHIBHA	5	100	3	5	100	3		0.00		5	100.00	3		0.00		30	85.71	3		0.00		0.00		
93	21X41A0493	RACHAMANTI VANI	5	100	3	5	100	3		0.00			0.00		3	100.00	3	25	71.43	3		0.00		0.00		
94	21X41A0494	RASAPUTRA KARTHIK SINGH	5	100	3	5	100	3	5	100.00	3		0.00			0.00		25	71.43	3		0.00		0.00		
95	21X41A0495	SAREPALI SAI DURGA	5	100	3	5	100	3		0.00		5	100.00	3		0.00		25	71.43	3		0.00		0.00		
96	21X41A0496	SHAIK JIKRIYA	4	80	3	4	80	3		0.00			0.00		5	100.00	3	20	57.14	2		0.00		0.00		
97	21X41A0497	SUNKARA NAGA RAJU	4	80	3	4	80	3	5	100.00	3		0.00			0.00			0.00		20	57.14	2		0.00	
98	21X41A0498	SURATHA RAMYA	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		33	94.29	3		0.00	
99	21X41A0499	SUSANNA MANDALAPUDI	5	100	3	5	100	3		0.00			0.00		5	100.00	3		0.00		25	71.43	3		0.00	
100	21X41A04A0	THOTA LHEELA DHAR	4	80	3	4	80	3	4	80.00	3		0.00			0.00			0.00		20	57.14	2		0.00	



PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKERAPU, VIJAYAWADA-521 108.

101	21X41A04A1	T SAI MADHU LATHA	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00			20	57.14	2	
102	21X41A04A2	VALLURI PAVAN KUMAR	4	80	3	4	80	3		0.00			4	80.00	3		0.00		0.00			20	57.14	2	
103	21X41A04A3	V LAKSHMI PRASANNA	4	80	3	4	80	3	4	80.00	3		0.00			0.00		0.00			20	57.14	2		
104	21X41A04A4	VONTERU MEGHAMAJA	4	80	3	4	80	3		0.00		5	100.00	3		0.00		20	57.14	2		0.00		0.00	
105	21X41A04A5	YANGALAJASU JEEVA MADHURI	5	100	3	5	100	3		0.00			5	100.00	3	20	57.14	2		0.00			0.00		
106	21X41A04A6	CHALAMAJASETTY MOHITHI	5	100	3	5	100	3	5	100.00	3		0.00			0.00		33	94.29	3			0.00		
107	21X41A04A7	BANDREDDY SAI BABU	4	80	3	4	80	3		0.00		4	80.00	3		0.00			0.00		25	71.43	3	0.00	
108	21X41A04A8	VASAM VINOSH	4	80	3	4	80	3		0.00			5	100.00	3		0.00		20	57.14	2		0.00		
109	21X41A04B0	N AKSHAY VENUGOPAL	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00		30	85.71	3	0.00	
110	21X41A04B1	K M VENKATA AKASHI	4	80	3	4	80	3		0.00		5	100.00	3		0.00			0.00		20	57.14	2	0.00	
111	21X41A04B2	GADDI VAMSIKRISHNA	5	100	3	5	100	3		0.00			5	100.00	3		0.00		0.00			25	71.43	3	
112	21X41A04B3	M CHANDRA KIRAN	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00			28	80.00	3	
113	21X41A04B4	L GNANESWARA RAO	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00		20	57.14	2		
114	21X41A04B5	M BHUVAN SASANK	4	80	3	4	80	3	4	80.00	3		0.00			0.00			0.00		20	57.14	2		
115	22X45A0401	MADIPILI JEANSI RANI	4	80	3	4	80	3	4	80.00	3		0.00			0.00			0.00		34	97.14	3		
116	22X45A0402	GOTTIPARTHI MOUNIKA	4	80	3	4	80	3	5	100.00	3		0.00			0.00			0.00		33	94.29	3		
117	22X45A0403	BODDU MANASA	4	80	3	4	80	3		0.00		5	100.00	3		0.00			0.00			25	71.43	3	
118	22X45A0404	MUPPIDI VIDHYA SRI	5	100	3	5	100	3		0.00		5	100.00	3		0.00		33	94.29	3			0.00		
119	22X45A0405	JOJO ANISHA	4	80	3	4	80	3		0.00		5	100.00	3		0.00		33	94.29				0.00		0.00
120	22X45A0406	REMINISETTY NAVEEN BABU	4	80	3	4	80	3		0.00		5	100.00	3		0.00		33	94.29				0.00		0.00
121	22X45A0407	VAKA MANASA	5	100	3	5	100	3		0.00		5	100.00	3		0.00		33	94.29				0.00		0.00
122	22X45A0408	Ch NITHIN	5	100	3	5	100	3		0.00		5	100.00	3		0.00		25	71.43				0.00		0.00
123	22X45A0409	MARADA DHARANIDA	5	100	3	5	100	3		0.00			5	100.00	3		0.00		25	71.43			0.00		0.00
124	22X45A0410	LAGUDU VENKATA NEELA LOHITHA	5	100	3	5	100	3		0.00			5	100.00	3		0.00		25	71.43			0.00		0.00
125	22X45A0411	PAGOLU JAINAVI	5	100	3	5	100	3		0.00			5	100.00	3		0.00		28	80.00	3			0.00	

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKERAPU, VIJAYAWADA-521 108;

126	22X45A0412	CHILAKA RAVI KANTH	4	80	3	4	80	3	5	100.00	3		0.00			0.00			0.00		25	71.43			0.00	
127	22X45A0413	MADUGULA VINAY KUMAR	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00		25	71.43			0.00	
128	22X45A0414	THUMU GEETHIKA	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00			0.00	25	71.43		
129	22X45A0415	KOPPANATI YAMINI	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00			0.00	33	94.29		
130	22X45A0416	J SIVA SANKAR	5	100	3	5	100	3		0.00		4	80.00	3		0.00			0.00			0.00	25	71.43		
131	22X45A0417	R.S RAGHUNANDHAN REDDY	5	100	3	5	100	3		0.00		4	80.00	3		0.00			0.00			0.00	31	88.57		
132	22X45A0418	KV SIVARAM AJAY	5	100	3	5	100	3		0.00		4	80.00	3		0.00			0.00			0.00	28	80.00		
133	22X45A0419	K HEMANTH	4	80	3	4	80	3	5	100.00	3		0.00			0.00			0.00			0.00	26	74.29		
134	22X45A0420	P DEVENDRA	5	100	3	5	100	3		0.00			0.00		5	100.00	3		0.00			0.00	26	74.29		
135	22X45A0421	V AJAY KUMAR	5	100	3	5	100	3		0.00			0.00		5	100.00	3		0.00			0.00	25	71.43		
136	22X45A0422	R PRAMBHA	5	100	3	5	100	3		0.00			0.00		5	100.00	3	33	94.29			0.00		0.00		
137	22X45A0423	A NIKHITHA	5	100	3	5	100	3		0.00			0.00		5	100.00	3	26	74.29			0.00		0.00		
138	22X45A0424	E PRAVALLIKA	4	80	3	4	80	3	5	100.00	3		0.00			0.00		26	74.29			0.00		0.00		
139	22X45A0425	A ASWINI	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		24	68.57	2		0.00	
140	22X45A0426	RAJULAPATI TARUN KUMAR	4	80	3	4	80	3		0.00		4	80.00	3		0.00			0.00		5	14.29			0.00	
141	22X45A0427	MANI-PALLI HEMA VARSHINI	4	80	3	4	80	3		0.00			0.00		5	100.00	3		0.00		25	71.43	3		0.00	
142	22X45A0428	GORRELA KRISHNA VENI	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00		26	74.29			0.00	
143	22X45A0429	JAMPANA BAABJI	5	100	3	5	100	3		0.00			0.00		4	80.00	3		0.00			0.00	26	74.29		
AVERAGE			4.5	90.3	3	4.5	90.3	3	4.6	31.3	3	4.4	29.8	3	4.8	31.2	3	26.1	25	2.6	26	23.9	2.6	26.6	25	2.7
CO			CO1-CO3			CO1-CO3			CO 1			CO 2			CO 3			CO 1			CO 2			CO 3		
CO WISE PERCENTAGE			3			3			3			3			3			2.6			2.6			2.7		

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

CO ATTAINMENT	DAYWISE PERFORMANCE		INTERNAL EXAM	INTERNAL MARKS LEVEL	EXTERNAL MARKS LEVEL	DIRECT ATTAINMENT	INDIRECT ATTAINMENT %	INDIRECT ATTAINMENT LEVEL	FINAL ATTAINMENT LEVELS	EXPECTED LEVEL of ATTAINMENTS %	ATTAINMENT %
CO1	3	3	3	3	2.6	2.72	97.5	2.93	2.76	70	92
CO2	3	3	3	3	2.6	2.72	95	2.85	2.75	70	91.67
CO3	3	3	3	3	2.7	2.79	99	2.97	2.83	70	94.33

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

*Upper boundary exclusive

CO-PO Matrix for the Subject : JAVA LAB

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	ATTAINMENT
CO1	3	1	2											2		2.76
CO2	3	1	2											2		2.75
CO3	3	1	2											2		2.83

FOR JAVA LAB SUBJECT

PO ATTAINMENTS

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
25.02	8.34	16.68	0	0	0	0	0	0	0	0	0	0	16.68	0
2.78	2.78	2.78	0	0	0	0	0	0	0	0	0	0	2.78	0

Similarly for all the subjects in a semester

Subject	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
EDC															
STLD															
SS															
M-III															
RVSP															
JAVA LAB	2.78	2.78	2.78	0	0	0	0	0	0	0	0	0	0	2.78	0
STLD LAB															
PYTHON LAB															
Average	2.78	2.78	2.78	0	0	0	0	0	0	0	0	0	0	2.78	0

FOR II YEAR FIRST SEMESTER



PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
 ENIKERAPU, VIJAYAWADA-521 108.

SRK INSTITUTE OF TECHNOLOGY, VIJAYAWADA
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR: 2022-23

BRANCH: ECE		YEAR-SEM: II - I		EDC lab		B. Ravi		INTERNAL									EXTERNAL												
S.NO.	ROLL NO.	NAME OF THE STUDENT	Observation						Record			CO 1			CO 2			CO 3			CO 1			CO 2			CO 3		
			Daywise Performance						M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L
			M	%	L	M	%	L																					
1	21X41A0401	A MANIKANTA SWAMY	5	100	3	4	80	3		0				0		3	60	2		0				31.5	90	3		0	
2	21X41A0402	ANNEPU NANDA KRISHNA	5	100	3	5	100	3	5	100	3		0			0			35	100	3		0			0			
3	21X41A0403	NARTHU SUNDARRAO	5	100	3	5	100	3	3	60	2		0			0			28	80	3		0			0			
4	21X41A0404	BALAGAM VINAY ROHIT	4	80	3	4	80	3		0			0		3	60	2		0				24.5	70	3		0		
5	21X41A0405	BOMMI SATHWIKA	5	100	3	5	100	3		0			0		4	80	3		0				31.5	90	3		0		
6	21X41A0406	BONTHU PRASANNA KUMAR	5	100	3	5	100	3		0			0		5	100	3		0				0		35	100	3		
7	21X41A0407	BUSAM POORNESH	5	100	3	5	100	3		0		4	80	3		0			35	100	3		0			0			
8	21X41A0408	D VENKATA PRAVEEN	5	100	3	5	100	3		0			0		5	100	3	35	100	3		0			0				
9	21X41A0409	CHINTADA BALAJI	4	80	3	4	80	3		0		3	60	2		0			25	70	3		0			0			
10	21X41A0410	CHITTI SAI KUMAR	5	100	3	5	100	3	3	60	2		0			0			0				0		35	100	3		
11	21X41A0411	CHUKKA BHAVANARAYANA	4	80	3	4	80	3		0		3	60	2		0			0				24.5	70	3		0		
12	21X41A0412	D LEELA KARTHIK SRIRAM	5	100	3	4	80	3	4	80	3		0			0			0				0		32	90	3		
13	21X41A0413	DAMODARA BHASKAR RAO	5	100	3	5	100	3	4	80	3		0			0			0				0		35	100	3		
14	21X41A0414	DASA VENKATAGOPI	4	80	3	4	80	3	5	100	3		0			0		35	100	3	35	100	3		0				
15	21X41A0415	DEEVELA RAVI TEJA	5	100	3	5	100	3		0			0		5	100	3		0				35	100	3		0		
16	21X41A0416	EJJIGANI RAMYASRI	4	80	3	4	80	3	4	80	3		0			0			0				31.5	90	3		0		
17	21X41A0417	GADDE NAGA POOJITHA	5	100	3	5	100	3		0			0		5	100	3	35	100	3		0			0				
18	21X41A0418	G KRISHNAVENI AKSHITHA	5	100	3	5	100	3		0			0		5	100	3	35	100	3		0			0				
19	21X41A0419	GARLAPATI SRI MADHAVI	5	100	3	5	100	3		0			0		5	100	3	35	100	3		0			0				
20	21X41A0420	GELLA AJITH	5	100	3	5	100	3	3	60	2		0			0			32	90	3		0			0			
21	21X41A0421	G N V S J SAI KRISHNA	5	100	3	5	100	3		0		4	80	3		0			32	90	3		0			0			
22	21X41A0422	GUNUPURU MANASA	5	100	3	5	100	3	5	100	3		0			0			32	90	3		0			0			
23	21X41A0423	GURIVINDAPALLI VAMSI	0	0		0	0		0	0			0			0			0				0			0			
24	21X41A0424	JAMPANA BHARGAV	5	100	3	5	100	3	3	60	2		0			0			0				0		28	80	3		
25	21X41A0425	K DEVENDRA SIVA KUMAR	4	80	3	4	80	3		0		4	80	3		0			0				0		0		32	90	3
26	21X41A0426	KANAPARTHI YUGANDHAR	5	100	3	5	100	3	3	60	2		0			0			0				0		28	80	3		
27	21X41A0427	KANNA CHAKRA VARDHAN	5	100	3	5	100	3	5	100	3		0			0			0				35	100	3		0		
28	21X41A0428	KATIKALA NIKHILA SRI	5	100	3	5	100	3	3	60	2		0			0			28	80	3		0			0			
29	21X41A0429	KATTA SAI NIKHIL	0	0		0	0		0	0			0			0			0				0			0			

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKERAPU, VIJAYAWADA-521 108.

30	21X41A0430	KAVURI RAM MOHAN	5	100	3	5	100	3		0		0		3	60	2		0		0		28	80	3		
31	21X41A0431	KODURI KAVYA	5	100	3	5	100	3		0		0		5	100	3		0		0		32	90	3		
32	21X41A0432	KOLLU RAVI SANKAR	5	100	3	5	100	3	4	80	3		0		0			0		28	80	3		0		
33	21X41A0433	K PAUL DAVID RAJU	5	100	3	5	100	3	5	100	3		0		0			0		35	100	3		0		
34	21X41A0434	LOTLA UHA KUMARI	5	100	3	5	100	3	3	60	2		0		0			0		24.5	70	3		0		
35	21X41A0435	MALICHARLA CHANTI	5	100	3	5	100	3	3	60	2		0		0		25	70	3		0			0		
36	21X41A0436	MARRI SANJAY	4	80	3	4	80	3	3	60	2		0		0		25	70	3		0			0		
37	21X41A0437	MODUGU MRUDHULA	5	100	3	5	100	3		0		5	100	3		0		35	100	3		0		0		
38	21X41A0438	MD ISMATULLA KHAN	5	100	3	5	100	3	3	60	2		0		0		25	70	3		0			0		
39	21X41A0439	MOHAMMAD REENA	5	100	3	5	100	3		0			0	4	80	3		0		0		35	100	3		
40	21X41A0440	MUDRABOYINA ANJALI	5	100	3	5	100	3		0			0	4	80	3		0		0		35	100	3		
41	21X41A0441	MULAGANI SUBBA REDDY	5	100	3	5	100	3	4	80	3		0		0		35	100	3		0			0		
42	21X41A0442	MURARI CHANDU HARINI	5	100	3	5	100	3		0		4	80	3		0		32	90	3		0		0		
43	21X41A0443	NABHIGIRI UDAY PAVAN	5	100	3	5	100	3		0		2	40	1		0		0		28	80	3		0		
44	21X41A0445	NUNE TULASIRAO	5	100	3	5	100	3		0		4	80	3		0		0		0		25	70	3		
45	21X41A0446	P V N D SAI SIVARAM	5	100	3	5	100	3	4	80	3		0		0		0		0		0		32	90	3	
46	21X41A0447	PANCHAKARLA KEERTHANA	5	100	3	5	100	3	5	100	3		0		0		0		0		0		28	80	3	
47	21X41A0448	POLAKI GBETHARANI	5	100	3	5	100	3	3	60	2		0		0		0		0		0		28	80	3	
48	21X41A0449	P V NAGA SAISIRISHA	5	100	3	5	100	3		0		5	100	3		0		0		0		35	100	3		
49	21X41A0450	PRAGADA POOJITHA	5	100	3	5	100	3		0		5	100	3		0		0		28	80	3		0		
50	21X41A0451	P REVANTH VARMA	4	80	3	4	80	3		0			0	3	60	2		0		21	60	2		0		
51	21X41A0452	P DURGA PRASAD	5	100	3	5	100	3	3	60	2		0		0		25	70	3		0			0		
52	21X41A0453	PUPPALA VENKATA SWAMY	5	100	3	5	100	3	3	60	2		0		0		32	90	3		0			0		
53	21X41A0454	REMALLI JOHN WESLEY	5	100	3	5	100	3		0		4	80	3		0		32	90	3		0		0		
54	21X41A0455	SHAIK FAZULU	5	100	3	5	100	3	5	100	3		0		0		35	100	3		0			0		
55	21X41A0456	SHAIK NAGUL MEERA	5	100	3	5	100	3		0		4	80	3		0		32	90	3		0		0		
56	21X41A0457	SKRISHNAVAMSI	5	100	3	5	100	3	4	80	3		0		0		0		28	80	3		0			
57	21X41A0458	SYED BILAL	5	100	3	5	100	3	4	80	3		0		0		0		0		0		32	90	3	
58	21X41A0459	TUMMIGUNTA HARSHITHA	5	100	3	5	100	3	5	100	3		0		0		0		0		0		35	100	3	
59	21X41A0460	TAGORE VISWANATH S	5	100	3	5	100	3		0		5	100	3		0		0		35	100	3		0		
60	21X41A0461	VEMULA DURGA BHAVANI	5	100	3	5	100	3	5	100	3		0		0		0		0		35	100	3		0	
61	21X41A0462	V SADHIKA	5	100	3	5	100	3		0		5	100	3		0		35	100	3		0			0	
62	21X41A0463	YARAKARAJU VAGDEVI	5	100	3	5	100	3		0		5	100	3		0		35	100	3		0			0	
63	21X41A0464	YATRA BHARGAVI	5	100	3	5	100	3		0			0	5	100	3		0		0		0		35	100	3

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
SRIKAPADU, VIJAYAWADA-521102

64	22X45A0401	MADIPILLI JHANSI RANI	5	100	3	5	100	3		0			0		4	80	3	32	90	3		0			0	
65	22X45A0402	GOTTIPARTHI MOUNIKA	5	100	3	5	100	3		0			0		5	100	3	35	100	3		0			0	
66	22X45A0403	BODDU MANASA	5	100	3	5	100	3		0			0		5	100	3	32	90	3		0			0	
67	22X45A0404	MUPPIDI VIDHYA SRI	5	100	3	5	100	3		0			0		5	100	3	35	100	3		0			0	
68	22X45A0405	JOJO ANISHA	5	100	3	5	100	3	4	80	3		0			0			0			0		35	100	3
69	22X45A0406	REMINISETTY NAVEEN BABU	5	100	3	5	100	3		0		3	60	2		0			0		28	80	3		0	
70	22X45A0407	VAKA MANASA	5	100	3	5	100	3	5	100	3		0			0			0			0		35	100	3
71	21X41A0465	CHADARAM RUTHWIQ	4	80	3	3	60	2		0		2	40	1		0		25	70	3		0			0	
72	21X41A0466	BOTTU VAMSI	3	60	2	3	60	2		0		2	40	1		0			0		21	60	2		0	
73	21X41A0467	CHEDURI KAMAL TEJ	3	60	2	4	80	3	2	40	1		0			0			0		28	80	3		0	
74	21X41A0468	CHENNU NAGENDRA BABU	4	80	3	4	80	3		0		2	40	1		0			0		31.5	90	3		0	
75	21X41A0469	CHERUKURU NIHARIKA	3	60	2	3	60	2		0			0		2	40	1	21	60	2		0			0	
76	21X41A0470	CHINTHA NAGA PRASANNA	5	100	3	5	100	3	5	100	3		0			0		35	100	3		0			0	
77	21X41A0471	CHINTHAM VENU	3	60	2	3	60	2		0		1	20			0		25	70	3		0			0	
78	21X41A0472	DASARI LAKSHMI PRASANNA	3	60	2	4	80	3	2	40	1		0			0			0			0		28	80	3
79	21X41A0474	DUDLA RAJESH	5	100	3	5	100	3	3	60	2		0			0			0			0		35	100	3
80	21X41A0475	GANDI RAGHUPATHI	4	80	3	3	60	2	2	40	1		0			0			0			0		28	80	3
81	21X41A0476	GLAKSHMAN KUMAR	4	80	3	4	80	3		0		0	0			0		21	60	2		0			0	
82	21X41A0477	GUDAVALLI AMULYA	5	100	3	5	100	3		0		5	100	3		0			0		35	100	3		0	
83	21X41A0478	GUNDALA KRANTHI KUMAR	4	80	3	4	80	3	2	40	1		0			0			0			0		25	70	3
84	21X41A0479	K T V CHALAPATHI RAO	5	100	3	5	100	3	3	60	2		0			0			0			0		32	90	3
85	21X41A0480	M VENKATA CHAITANYA	4	80	3	4	80	3	2	40	1		0			0		28	80	3		0			0	
86	21X41A0482	MADARI VENKATESH	4	80	3	5	100	3	2	40	1		0			0			0		35	100	3		0	
87	21X41A0483	MANTRI MOUNIKA	5	100	3	4	80	3		0		2	40	1		0			0			0		28	80	3
88	21X41A0484	MARAPAKALA MAHENDRA	4	80	3	4	80	3	2	40	1		0			0			0		28	80	3		0	
89	21X41A0485	MOLLETI YUVASRI SRINIVAS	4	80	3	3	60	2	2	40	1		0			0		32	90	3		0			0	
90	21X41A0486	MOTHUKURI SAHITHI	5	100	3	5	100	3	3	60	2		0			0			0		35	100	3		0	
91	21X41A0487	NAGIREDDY JYOTHI BHAVANI	4	80	3	4	80	3	3	60	2		0			0		32	90	3		0			0	
92	21X41A0488	NANDETI PRESESS	3	60	2	3	60	2		0			0		1	20		21	60	2		0			0	
93	21X41A0489	PALAVALASA SAI SRIRAM	3	60	2	3	60	2		0			0		2	40	1	25	70	3		0			0	
94	21X41A0490	PAMARTHI JAHNAVI	5	100	3	5	100	3		0			0		3	60	2	32	90	3		0			0	
95	21X41A0491	PONALI PRASANNA DEEPIKA	5	100	3	4	80	3	2	40	1		0			0			0		31.5	90	3		0	
96	21X41A0492	PRATHIPATI PRATHIBHA	4	80	3	4	80	3		0		3	60	2		0			0			0		35	100	3
97	21X41A0493	RACHAMANTI VANI	5	100	3	5	100	3		0		3	60	2		0			0			0		28	80	3

98	21X41A0494	RASAPUTRA KARTHIK SINGH	4	80	3	4	80	3	2	40	1		0		0		0		24.5	70	3		0		
99	21X41A0495	SAREPALLI SAI DURGA	5	100	3	5	100	3	3	60	2		0		0		35	100	3		0		0		
100	21X41A0496	SHAIK JKRIYA	4	80	3	4	80	3		0		3	60	2		0		25	70	3		0	0		
101	21X41A0497	SUNKARA NAGA RAJU	5	100	3	5	100	3	5	100	3		0		0		32	90	3		0		0		
102	21X41A0498	SURATHA RAMYA	5	100	3	5	100	3	3	60	2		0		0		35	100	3		0		0		
103	21X41A0499	SUSANNA MANDALAPUDI	5	100	3	5	100	3	3	60	2		0		0		0			0		35	100	3	
104	21X41A04A0	THOTA LEELADHAR	4	80	3	4	80	3	1	20			0		0		0			0			0		
105	21X41A04A1	THOTA SAI MADHU LATHA	4	80	3	4	80	3		0			0		2	40	1		0		24.5	70	3	0	
106	21X41A04A2	VALLURI PAVAN KUMAR	4	80	3	4	80	3		0			0		2	40	1		0		24.5	70	3	0	
107	21X41A04A3	V LAKSHMI PRASANNA	4	80	3	4	80	3	3	60	2		0		0		0			31.5	90	3	0		
108	21X41A04A4	VONTERU MEGHAMALA	4	80	3	4	80	3	2	40	1		0		0		21	60	2		0		0		
109	21X41A04A5	Y JEEVA MADHURI	4	80	3	3	60	2		0		3	60	2		0			0			0	21	60	2
110	21X41A04A6	CHALAMALASETTY MOHITH	5	100	3	5	100	3	3	60	2		0		0		0			0		28	80	3	
111	21X41A04A7	BANDREDDY SAI BABU	3	60	2	3	60	2		0		3	60	2		0			0			0	21	60	2
112	21X41A04A8	VASAM VINOSH	4	80	3	4	80	3	2	40	1		0		0		0			0		25	70	3	
113	21X41A04B0	N AKSHAY VENUGOPAL	4	80	3	4	80	3		0		3	60	2		0			0		21	60	2	0	
114	21X41A04B1	K MANOJ VENKATA AKASH	3	60	2	3	60	2	3	60	2		0		0		25	70	3		0		0		
115	21X41A04B2	GADDE VAMSIKRISHNA	3	60	2	3	60	2	3	60	2		0		0		0			21	60	2	0		
116	21X41A04B3	MUTHYALA CHANDRA KIRAN	4	80	3	4	80	3		0		3	60	2		0			0			0	35	100	3
117	21X41A04B4	LANDA GNANESWARA RAO	4	80	3	4	80	3	3	60	2		0		0		21	60	2		0		0		
118	21X41A04B5	M BHUVAN SASANK	3	60	2	3	60	2	3	60	2		0		0		21	60	2		0		25	70	3
119	22X45A0408	CH NITHIN	4	80	3	4	80	3		0			0		0		0			0		28	80	3	
120	22X45A0409	MARADA DHARANIIA	4	80	3	4	80	3	2	40	1		0		0		0			0		0	28	80	3
121	22X45A0410	LVENKATA NEELA LOHITHA	5	100	3	5	100	3	5	100	3		0		0		0		35	100	3		0		
122	22X45A0411	PAGOLU JAHNAVI	5	100	3	4	80	3	2	40	1		0		0		28	80	3		0		0		
123	22X45A0412	CHILAKA RAVI KANTH	5	100	3	5	100	3	2	40	1		0		0		32	90	3		0		0		
124	22X45A0413	MADUGULA VINAY KUMAR	4	80	3	4	80	3		0			0		1	20		25	70	3		0		0	
125	22X45A0414	THUMU GEETHIKA	4	80	3	3	60	2	5	100	3		0		0		28	80	3		0		0		
126	22X45A0415	KOPPANATI YAMINI	5	100	3	5	100	3	3	60	2		0		0		35	100	3		0		0		
127	22X45A0416	J SIVA SANKAR	4	80	3	4	80	3	1	20			0		0		25	70	3		0		0		
128	22X45A0417	R S RAGHUNANDHAN REDDY	5	100	3	5	100	3	2	40	1		0		0		25	70	3		0		0		
129	22X45A0418	KV SIVARAM AJAY	4	80	3	4	80	3		0		3	60	2		0			0		31.5	90	3	0	
130	22X45A0419	K HEMANTH	4	80	3	4	80	3		0			0		2	40	1		0			0	28	80	3
131	22X45A0420	P DEVENDRA	3	60	2	3	60	2		0		3	60	2		0		25	70	3		0		0	

PRINCIPAL
BRK INSTITUTE OF TECHNOLOGY
ENIKEPADI, VIJAYAWADA-521 10A

132	22X45A0421	V AJAY KUMAR	3	60	2	3	60	2	3	60	2		0		0		25	70	3		0		0			
133	22X45A0422	R PRAMELA	5	100	3	5	100	3	3	60	2		0		0		35	100	3		0		0			
134	22X45A0423	A NIKHITHA	4	80	3	4	80	3		0			0	3	60	2	32	90	3		0		0			
135	22X45A0424	E PRAVALLIKA	5	100	3	5	100	3	3	60	2		0		0			0		28	80	3		0		
136	22X45A0425	A ASWINI	4	80	3	5	100	3	3	60	2		0		0			0			0		35	100	3	
137	22X45A0426	RAJULAPATI TARUN KUMAR	3	60	2	3	60	2	3	60	2		0		0			0			0		28	80	3	
138	22X45A0427	MANEPALLI HEMA VARSHINI	5	100	3	5	100	3		0			0	4	80	3	32	90	3		0			0		
139	22X45A0428	GORRELA KRISHNA VENI	5	100	3	5	100	3	4	80	3		0		0			0		35	100			0		
140	22X45A0429	JAMPANA BAABJI	5	100	3	5	100	3	3	60	2		0		0			0		28	80			0		
AVERAGE			4.5	89.4	2.9	4.4	88.4	2.9	3.2	64	2.1	3.4	68	2.3	3.7	74	2.5	30	85	2.9	29.3	22.3	2.9	31	87	2.9
CO			CO1-CO3			CO1-CO3			CO 1			CO 2			CO 3			CO 1			CO 2			CO 3		
CO WISE PERCENTAGE			2.9			2.9			2.1			2.3			2.5			2.9			2.9			2.9		

21/7/23

31/1/23

(Signature)

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKERADU, VIJAYAWADA-521 108

CO ATTAINMENT			INTERNAL EXAM	INTERNAL MARKS LEVEL	EXTERNAL MARKS LEVEL	DIRECT ATTAINMENT	INDIRECT ATTAINMENT %	INDIRECT ATTAINMENT	FINAL ATTAINMENT LEVELS	EXPECTED LEVEL of ATTAINMENTS %	ATTAINMENT %
CO1	2.9	2.9	2.1	2.63	2.9	2.82	91.56	2.75	2.81	70	93.67
CO2	2.9	2.9	2.3	2.7	2.9	2.84	93.58	2.81	2.83	70	94.33
CO3	2.9	2.9	2.5	2.77	2.9	2.86	90.56	2.72	2.83	70	94.33



SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	≥70
*Upper boundary exclusive		

CO-PO Matrix for the Subject EDC lab

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	ATTAINMENT LEVELS
CO1	3	2	2		3		2	2	2			3	3	2	3	2.81
CO2	3	2	2		3		2	2	2			3	3	2	3	2.83
CO3	3	2	2		3		2	2	2			3	3	2	3	2.83

FOR EDC lab PO ATTAINMENTS

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
25.41	16.94	16.94	0	25.41	0	16.94	16.94	16.94	0	0	25.41	25.41	16.94	25.41
2.82	2.82	2.82		2.82		2.82	2.82	2.82			2.82	2.82	2.82	2.82



PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKERAPU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108
 Approved by AICTE, Affiliated to JNTUK, Kakinada
 Accredited with NAAC 'A' grade, ISO 9001:2015 Certified Institution
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR: 2022-23

FACULTY NAME:A.RAMYA

BRANCH: ECE		YEAR-SEM: II-I		NAME OF LAB: STLD			INTERNAL									EXTERNAL								
S.NO.	ROLL NO.	NAME OF THE STUDENT	Observation			Record			CO 1			CO 2			CO 3			CO 1			CO 2			
			Daywise Performance						M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M
			M	%	L	M	%	L																
1	21X41A0401	ANKAM MANIKANTA SWAMY	5	100	3	5	100	3	1	20.00									24.5	70.00	3			
2	21X41A0402	ANNEPU NANDA KRISHNA	5	100	3	5	100	3		0.00		3	60.00	2		0.00				0.00		28	80.00	3
3	21X41A0403	NARTHU SUNDARRAO	5	100	3	4	80	3		0.00			0.00	1	20.00					0.00		24.5	70.00	3
4	21X41A0404	BALAGAM VINAY ROHIT	5	100	3	5	100	3		0.00		0	0.00			0.00				0.00			0.00	24.5
5	21X41A0405	BOMMI SATHWIK	5	100	3	5	100	3	1	20.00			0.00			0.00				0.00		24.5	70.00	3
6	21X41A0406	BONTHU PRASANNA KUMAR	5	100	3	5	100	3		0.00		4	80.00	3		0.00			28	80.00	3		0.00	
7	21X41A0407	BUSAM POORNESH	5	100	3	5	100	3		0.00			0.00	0	0.00				24.5	70.00	3		0.00	
8	21X41A0408	DERSNGULA VENKATA PRAVEEN	5	100	3	5	100	3		0.00			0.00	4	80.00	3			28	80.00	3		0.00	
9	21X41A0409	CHINTADA BALAJI	5	100	3	5	100	3		0.00		1	20.00			0.00			24.5	70.00	3		0.00	
10	21X41A0410	CHITTI SAI KUMAR	5	100	3	5	100	3	5	100.00	3		0.00			0.00				0.00		31.5	90.00	3
11	21X41A0411	CHUKKA BHAVANARAYANA	5	100	3	5	100	3		0.00		1	20.00			0.00				0.00		24.5	70.00	3
12	21X41A0412	D LEELA KARTHIK SRIRAM	5	100	3	5	100	3		0.00			0.00	1	20.00				24.5	70.00	3		0.00	
13	21X41A0413	DAMODARA BHASKAR RAO	5	100	3	5	100	3		0.00			0.00	5	100.00	3				0.00			0.00	31.5
14	21X41A0414	DASA VENKATAGOPI	5	100	3	5	100	3		0.00		5	100.00	3		0.00				0.00			0.00	31.5
15	21X41A0415	DEEVELA RAVI TEJA	5	100	3	5	100	3	2	40.00	1		0.00			0.00				0.00			0.00	28
16	21X41A0416	EJIGANI RAMYASRI	5	100	3	5	100	3		0.00		4	80.00	3		0.00				0.00			0.00	28
17	21X41A0417	GADDE NAGA POOJITHA	5	100	3	5	100	3		0.00			0.00	1	20.00					0.00		24.5	70.00	3
18	21X41A0418	G KRISHNAVENI AKSHITHA	5	100	3	5	100	3		0.00		2	40.00	1		0.00				0.00		31.5	90.00	3
19	21X41A0419	GARLAPATI SRI MADHAVI	5	100	3	5	100	3		0.00			0.00	5	100.00	3				0.00		31.5	90.00	3
20	21X41A0420	GELLA AJITH	5	100	3	5	100	3	1	20.00			0.00			0.00				0.00		24.5	70.00	3
21	21X41A0421	G N V S J SAI KRISHNA	5	100	3	5	100	3		0.00		1	20.00			0.00				0.00		28	80.00	3
22	21X41A0422	GUNUPURU MANASA	5	100	3	5	100	3		0.00			0.00	1	20.00				24.5	70.00	3		0.00	
23	21X41A0423	GURIVINDAPALLI VAMSI	4	80	3	4	80	3		0.00			0.00	0	0.00				AB				0.00	
24	21X41A0424	JAMPANA BHARGAV	5	100	3	5	100	3		0.00		1	20.00			0.00				0.00			0.00	24.5
25	21X41A0425	KALAPARTHI DEVENDRA SIVA	5	100	3	5	100	3	1	20.00			0.00			0.00				0.00			0.00	24.5
26	21X41A0426	KANAPARTHI YUGANDHAR	5	100	3	5	100	3	3	60.00	2		0.00			0.00				0.00			0.00	28
27	21X41A0427	KANNA CHAKRA VARDHAN	5	100	3	5	100	3		0.00		3	60.00	2		0.00			31.5	90.00	3		0.00	
28	21X41A0428	KATIKALA NIKHILA SRI	5	100	3	5	100	3		0.00			0.00	2	40.00	1				0.00			0.00	28
29	21X41A0429	KATTA SAI NIKHIL	4	80	3	5	100	3		0.00			0.00	0	0.00				AB				0.00	
30	21X41A0430	KAVURI RAM MOHAN	5	100	3	4	80	3		0.00		4	80.00	3		0.00			28	80.00	3		0.00	
31	21X41A0431	KODURI KAVYA	5	100	3	5	100	3	1	20.00			0.00			0.00			31.5	90.00	3		0.00	
32	21X41A0432	KOLLU RAVI SANKAR	5	100	3	5	100	3	5	100.00	3		0.00			0.00			31.5	90.00	3		0.00	
33	21X41A0433	KOMMUGURI PAUL DAVID RAJU	5	100	3	5	100	3		0.00		5	100.00	3		0.00				0.00		31.5	90.00	3
34	21X41A0434	LOTLA UHA KUMARI	5	100	3	5	100	3		0.00			0.00	4	80.00	3				0.00			0.00	28
35	21X41A0435	MALICHARLA CHANTI	5	100	3	5	100	3		0.00		2	40.00	1		0.00				0.00		24.5	70.00	3
36	21X41A0436	MARRI SANJAY	5	100	3	4	80	3	0	0.00			0.00			0.00			21	60.00	2		0.00	
37	21X41A0437	MODUGU MRUDHULA	5	100	3	5	100	3		0.00		5	100.00	3		0.00				0.00		31.5	90.00	3
38	21X41A0438	MOHAMMAD ISMATULLA KHAN	5	100	3	5	100	3		0.00			0.00	2	40.00	1			24.5	70.00	3		0.00	
39	21X41A0439	MOHAMMAD REENA	5	100	3	5	100	3		0.00		1	20.00			0.00			24.5	70.00	3		0.00	
40	21X41A0440	MUDRABOYINA ANJALI	5	100	3	5	100	3		0.00			0.00	1	20.00				28	80.00	3		0.00	
41	21X41A0441	MULAGANI SUBBA REDDY	5	100	3	5	100	3	2	40.00	1		0.00			0.00				0.00			0.00	24.5
42	21X41A0442	MURARI CHANDU HARINI	5	100	3	5	100	3		0.00		5	100.00	3		0.00			31.5	90.00	3		0.00	
43	21X41A0443	NABHIGIRI UDAY PAVAN	5	100	3	5	100	3		0.00			0.00	1	20.00					0.00			0.00	
44	21X41A0444	NARAVA UDAY SANKAR	0	0		0	0			0.00		0	0.00			0.00				0.00		0	0.00	
45	21X41A0445	NUNE TULASIRAO	5	100	3	5	100	3	1	20.00			0.00			0.00				0.00		24.5	70.00	3

(Signature)
 23
 PRINCIPAL

46	21X41A0446	5	100	3	5	100	3		0.00		5	100.00	3		0.00		0.00		31.5	90.00	3		0.00		
47	21X41A0447	5	100	3	5	100	3		0.00			0.00		3	60.00	2		0.00			0.00		31.5	90.00	3
48	21X41A0448	5	100	3	5	100	3		0.00		4	80.00	3		0.00			0.00		28	80.00	3		0.00	3
49	21X41A0449	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00			0.00		31.5	90.00	3
50	21X41A0450	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00			0.00		31.5	90.00	3
51	21X41A0451	4	80	3	5	100	3		0.00			0.00		1	20.00		24.5	70.00	3		0.00			0.00	3
52	21X41A0452	4	80	3	3	60	2		0.00		1	20.00			0.00			0.00			0.00		24.5	70.00	3
53	21X41A0453	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00			0.00		31.5	90.00	3
54	21X41A0454	5	100	3	5	100	3		0.00		1	20.00			0.00			0.00		24.5	70.00	3		0.00	3
55	21X41A0455	5	100	3	5	100	3		0.00			0.00		3	60.00	2		0.00		28	80.00	3		0.00	3
56	21X41A0456	5	100	3	5	100	3		0.00			0.00		1	20.00			0.00			0.00		28	80.00	3
57	21X41A0457	5	100	3	5	100	3		0.00			0.00		1	20.00			0.00			0.00		24.5	70.00	3
58	21X41A0458	5	100	3	5	100	3		0.00		2	40.00	1		0.00			0.00			0.00		24.5	70.00	3
59	21X41A0459	5	100	3	5	100	3	3	60.00	2		0.00			0.00		28	80.00	3		0.00		24.5	70.00	3
60	21X41A0460	5	100	3	5	100	3		0.00		5	100.00	3		0.00		35	100.00	3		0.00			0.00	3
61	21X41A0461	5	100	3	5	100	3		0.00			0.00		5	100.00	3		0.00			0.00		35	100.00	3
62	21X41A0462	5	100	3	5	100	3		0.00			0.00		5	100.00	3		0.00		35	100.00	3		0.00	3
63	21X41A0463	5	100	3	5	100	3		0.00		4	80.00	3		0.00			0.00		35	100.00	3		0.00	3
64	21X41A0464	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		35	100.00	3		0.00	3
65	22X45A0401	5	100	3	5	100	3		0.00			0.00		5	100.00	3	35	100.00	3		0.00			0.00	3
66	22X45A0402	5	100	3	5	100	3		0.00		5	100.00	3		0.00		28	80.00	3		0.00			0.00	3
67	22X45A0403	5	100	3	5	100	3	5	100.00	3		0.00			0.00		31.5	90.00	3		0.00			0.00	3
68	22X45A0404	5	100	3	5	100	3		0.00		5	100.00	3		0.00		35	100.00	3		0.00			0.00	3
69	22X45A0405	5	100	3	5	100	3		0.00			0.00		5	100.00	3	31.5	90.00	3		0.00			0.00	3
70	22X45A0406	5	100	3	5	100	3		0.00			0.00		5	100.00	3		0.00		28	80.00	3		0.00	3
71	22X45A0407	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		35	100.00	3		0.00	3
72	21X41A0465	3	60	2	4	80	3	3	60.00	2		0.00			0.00			0.00			0.00		24.5	70.00	3
73	21X41A0466	4	80	3	3	60	2		0.00		3	60.00	2		0.00		24.5	70.00	3		0.00			0.00	3
74	21X41A0467	4	80	3	3	60	2		0.00			0.00		2	40.00	1		0.00			0.00		24.5	70.00	3
75	21X41A0468	5	100	3	4	80	3		0.00			0.00		2	40.00	1		0.00		28	80.00	3		0.00	3
76	21X41A0469	5	100	3	4	80	3		0.00		2	40.00	1		0.00			0.00		28	80.00	3		0.00	3
77	21X41A0470	5	100	3	5	100	3	5	100.00	3		0.00			0.00		31.5	90.00	3		0.00		28	80.00	3
78	21X41A0471	4	80	3	5	100	3		0.00		2	40.00	1		0.00			0.00		24.5	70.00	3		0.00	3
79	21X41A0472	4	80	3	4	80	3		0.00			0.00		2	40.00	1		0.00			0.00		24.5	70.00	3
80	21X41A0473	0	0		0	0			0.00		0	0.00			0.00		0	0.00			0.00			0.00	3
81	21X41A0474	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00			0.00		31.5	90.00	3
82	21X41A0475	5	100	3	4	80	3		0.00		2	40.00	1		0.00		24.5	70.00	3		0.00			0.00	3
83	21X41A0476	4	80	3	3	60	2		0.00			0.00		2	40.00	1	21	60.00	2		0.00			0.00	3
84	21X41A0477	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		31.5	90.00	3		0.00	3
85	21X41A0478	5	100	3	5	100	3	3	60.00	2		0.00			0.00		24.5	70.00	3		0.00			0.00	3
86	21X41A0479	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00		28	80.00	3		0.00	3
87	21X41A0480	5	100	3	5	100	3		0.00			0.00		5	100.00	3		0.00		28	80.00	3		0.00	3
88	21X41A0481	0	0		0	0			0.00			0.00		0	0.00			0.00		0	0.00			0.00	3
89	21X41A0482	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		28	80.00	3		0.00	3
90	21X41A0483	5	100	3	5	100	3		0.00			0.00		5	100.00	3		0.00		31.5	90.00	3		0.00	3
91	21X41A0484	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00		28	80.00	3		0.00	3
92	21X41A0485	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00			0.00		31.5	90.00	3
93	21X41A0486	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		28	80.00	3		0.00	3
94	21X41A0487	5	100	3	4	80	3		0.00			0.00		5	100.00	3	31.5	90.00	3		0.00			0.00	3
95	21X41A0488	5	100	3	4	80	3		0.00			0.00		2	40.00	1		0.00		24.5	70.00	3		0.00	3
96	21X41A0489	4	80	3	4	80	3		0.00		2	40.00	1		0.00			0.00		24.5	70.00	3		0.00	3
97	21X41A0490	5	100	3	5	100	3		0.00			0.00		5	100.00	3		0.00		35	100.00	3		0.00	3

CO ATTAINMENT	DAYWISE PERFORMANCE	INTERNAL EXAM	INTERNAL MARKS LEVEL	EXTERNAL MARKS LEVEL	DIRECT ATTAINMENT	INDIRECT ATTAINMENT %	INDIRECT ATTAINMENT LEVEL	FINAL ATTAINMENT LEVELS	EXPECTED LEVEL of ATTAINMENTS %	ATTAINMENT %
CO1	2.9	2.1	2.67	2.9	2.83	98.74	2.96	2.86	70	95.33
CO2	2.9	2.2	2.7	3	2.91	96.64	2.9	2.91	70	97
CO3	2.9	2.3	2.73	3	2.92	97.76	2.93	2.92	70	97.33

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70
*Upper boundary exclusive		

CO-PO Matrix for the Subject STLD

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	ATTAINMENT LEVELS
CO1	2							2					1		2	2.86
CO2			3					2					3		2	2.91
CO3	2	1	2					2					2		2	2.92

FOR STLD SUBJECT

PO ATTAINMENTS

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
11.56	2.92	14.57	0	0	0	0	17.38	0	0	0	0	17.43	0	17.38
2.89	2.92	2.91					2.9					2.91		2.9

8



PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
 ENIKERADU, VIJAYAWADA-521 108.




Approved by AICTE, Affiliated to JNTUK, Kakinada
Accredited with NAAC 'A' grade, ISO 9001:2015 Certified Institution
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR: 2022-23

BRANCH: ECE		YEAR-SEM: II-I	NAME OF LAB: PYTHON PROGRAMMING			FACULTY NAME: Dr.T.Vishnu Priya					
S.NO.	ROLL NO.	NAME OF THE STUDENT	EXTERNAL								
			CO1			CO2			CO3		
			MARKS	%	LEVEL	MARKS	%	LEVEL	MARKS	%	LEVEL
1	21X41A0401	ANKAM MANIKANTA SWAMY	40	80.00	3		0.00			0.00	
2	21X41A0402	ANNEPU NANDA KRISHNA		0.00		45	90.00	3		0.00	
3	21X41A0403	NARTHU SUNDARRAO		0.00		35	70.00	3		0.00	
4	21X41A0404	BALAGAM VINAY ROHIT		0.00			0.00		35	70.00	3
5	21X41A0405	BOMMI SATHWIK		0.00		45	90.00	3		0.00	
6	21X41A0406	BONTHU PRASANNA		0.00			0.00		45	90.00	3
7	21X41A0407	BUSAM POORNESH	45	90.00	3		0.00			0.00	
8	21X41A0408	DERSNGULA VENKATA PRAVEEN		0.00		45	90.00	3		0.00	
9	21X41A0409	CHINTADA BALAJI		0.00		35	70.00	3		0.00	
10	21X41A0410	CHITTI SAI KUMAR	45	90.00	3		0.00			0.00	
11	21X41A0411	CHUKKA		0.00			0.00		40	80.00	3
12	21X41A0412	DAMARLA LEELA KARTHIK SRIRAM		0.00		40	80.00	3		0.00	
13	21X41A0413	DAMODARA BHASKAR RAO	40	80.00	3		0.00			0.00	
14	21X41A0414	DASA VENKATAGOPI		0.00			0.00		45	90.00	3
15	21X41A0415	DEEVELA RAVI TEJA		0.00			0.00		45	90.00	3
16	21X41A0416	EJJIGANI RAMYASRI		0.00		45	90.00	3		0.00	
17	21X41A0417	GADDE NAGA POOJITHA		0.00			0.00		40	80.00	3
18	21X41A0418	GARIKIPATI KRISHNAVENI AKSHITHA		0.00			0.00		45	90.00	3
19	21X41A0419	GARLAPATI SRI MADHAVI	45	90.00	3		0.00		40	80.00	3
20	21X41A0420	GELLA AJITH		0.00			0.00			0.00	
21	21X41A0421	GULLAPUDI N V S JANARDHANA SAI		0.00		45	90.00	3		0.00	
22	21X41A0422	GUNUPURU MANASA	45	90.00	3		0.00			0.00	
23	21X41A0423	GURIVINDAPALLI VAMSI		0.00			0.00			0.00	
24	21X41A0424	JAMPANA BHARGAV		0.00		45	90.00	3		0.00	
25	21X41A0425	KALAPARTHI DEVENDRA SIVA KUMAR	45	90.00	3		0.00			0.00	
26	21X41A0426	KANAPARTHI YUGANDHAR		0.00			0.00			0.00	3
27	21X41A0427	KANNA CHAKRA		0.00			0.00			0.00	3

[Signature]
PRINCIPAL

28	21X41A0428	KATIKALA NIKHILA SRI		0.00		35	70.00	3		0.00	
29	21X41A0429	KATTA SAI NIKHIL		0.00			0.00			0.00	
30	21X41A0430	KAVURI RAM MOHAN		0.00		45	90.00	3		0.00	
31	21X41A0431	KODURI KAVYA		0.00			0.00			0.00	
32	21X41A0432	KOLLU RAVI SANKAR	45	90.00	3		0.00		40	80.00	3
33	21X41A0433	KOMMUGURI PAUL DAVID RAJU		0.00		45	90.00	3		0.00	
34	21X41A0434	LOTLA UHA KUMARI		0.00			0.00		45	90.00	3
35	21X41A0435	MALICHARLA CHANTI	45	90.00	3		0.00			0.00	
36	21X41A0436	MARRI SANJAY		0.00		35	70.00	3		0.00	
37	21X41A0437	MODUGU MRUDHULA		0.00			0.00		40	80.00	3
38	21X41A0438	MOHAMMAD ISMATULLA KHAN		0.00			0.00		45	90.00	3
39	21X41A0439	MOHAMMAD REENA		0.00		40	80.00	3		0.00	
40	21X41A0440	MUDRABOYINA ANJALI	45	90.00	3		0.00			0.00	
41	21X41A0441	MULAGANI SUBBA REDDY		0.00		45	90.00	3		0.00	
42	21X41A0442	MURARI CHANDU HARINI		0.00			0.00		40	80.00	3
43	21X41A0443	NABHIGIRI UDAY PAVAN	40	80.00	3		0.00			0.00	
44	21X41A0445	NUNE TULASIRAO		0.00			0.00		35	70.00	3
45	21X41A0446	PALLAPOTHU V N D SAI SIVARAM		0.00		35	70.00	3		0.00	
46	21X41A0447	PANCHAKARLA KEERTHANA		0.00			0.00		40	80.00	3
47	21X41A0448	POLAKI GEETHARANI		0.00		40	80.00	3		0.00	
48	21X41A0449	PRABHALA VENKATA NAGA SAISIRISHA		0.00			0.00		45	90.00	3
49	21X41A0450	PRAGADA POOJITHA		0.00		45	90.00	3		0.00	
50	21X41A0451	PRATHIPATI REVANTH VARMA		0.00		45	90.00	3		0.00	
51	21X41A0452	PULLAGOORA DURGA PRASAD	45	90.00	3		0.00			0.00	
52	21X41A0453	PUPPALA VENKATA SWAMY		0.00		45	90.00	3		0.00	
53	21X41A0454	REMAILI JOHN WESLEY		0.00			0.00		40	80.00	3
54	21X41A0455	SHAIK FAZULU	45	90.00	3		0.00			0.00	
55	21X41A0456	SHAIK NAGUL MEERA		0.00		40	80.00	3		0.00	
56	21X41A0457	SIMHAMBHATLA KRISHNAVAMSI		0.00		40	80.00	3		0.00	
57	21X41A0458	SYED BILAL		0.00		35	70.00	3		0.00	
58	21X41A0459	TUMMIGUNTA HARSHITHA		0.00			0.00		45	90.00	3
59	21X41A0460	TAGORE VISWANATH SANNALA	45	90.00	3		0.00			0.00	
60	21X41A0461	VEMULA DURGA BHAVANI		0.00		45	90.00	3		0.00	


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.


61	21X41A0462	VISHNUMOLAKALA SADHANA		0.00		45	90.00	3		0.00	
62	21X41A0463	YARAKARAJU VAGDEVI		0.00			0.00		45	90.00	3
63	21X41A0464	YATRA BHARGAVI		0.00			0.00		40	80.00	3
64	21X41A0465	CHADARAM RUTHWIQ	40	80.00	3		0.00			0.00	
65	21X41A0466	BOTTU VAMSI		0.00			0.00		40	80.00	3
66	21X41A0467	CHEDURI KAMAL TEJ	35	70.00	3		0.00			0.00	
67	21X41A0468	CHENNU NAGENDRA BABU		0.00		40	80.00	3		0.00	
68	21X41A0469	CHERUKURU NIHARIKA		0.00			0.00		40	80.00	3
69	21X41A0470	CHINTHA NAGA PRASANNA	50	100.00	3		0.00			0.00	
70	21X41A0471	CHINTHAM VENU		0.00			0.00		35	70.00	3
71	21X41A0472	DASARI LAKSHMI PRASANNA		0.00		45	90.00	3		0.00	
72	21X41A0474	DUDLA RAJESH		0.00			0.00		40	80.00	3
73	21X41A0475	GANDI RAGHUPATHI		0.00		35	70.00	3		0.00	
74	21X41A0476	GARIKINA LAKSHMAN		0.00		35	70.00	3		0.00	
75	21X41A0477	GUDAVALLI AMULYA		0.00			0.00		50	100.00	3
76	21X41A0478	GUNDALA KRANTHI KUMAR	45	90.00	3		0.00			0.00	
77	21X41A0479	KONIKINENI TARAKA VENKATA CHALAPATHI RAO		0.00			0.00		45	90.00	3
78	21X41A0480	M VENKATA CHAITANYA		0.00		45	90.00	3		0.00	
79	21X41A0482	MADARI VENKATESH		0.00		45	90.00	3		0.00	
80	21X41A0483	MANTRI MOUNIKA		0.00			0.00		40	80.00	3
81	21X41A0484	MARAPAKALA MAHENDRA		0.00			0.00		45	90.00	3
82	21X41A0485	MOLLETI YUVASRI SRINIVAS		0.00			0.00		40	80.00	3
83	21X41A0486	MOTHUKURI SAHITHI		0.00		40	80.00	3		0.00	
84	21X41A0487	N JYOTHI BHAVANI	40	80.00	3		0.00			0.00	
85	21X41A0488	NANDETI PRESESS		0.00		35	70.00	3		0.00	
86	21X41A0489	PALAVALASA SAI SRIRAM		0.00			0.00		35	70.00	3
87	21X41A0490	PAMARTHI JAHNAVI	50	100.00	3		0.00			0.00	
88	21X41A0491	PONALI PRASANNA DEEPIKA		0.00		35	70.00	3		0.00	
89	21X41A0492	PRATHIPATI PRATHIBHA		0.00		45	90.00	3		0.00	
90	21X41A0493	RACHAMANTI VANI		0.00			0.00		45	90.00	3
91	21X41A0494	RASAPUTRA KARTHIK SINGH		0.00			0.00		40	80.00	3
92	21X41A0495	SAREPALLI SAI DURGA	40	80.00	3		0.00			0.00	
93	21X41A0496	SHAIK JIKRIYA		0.00		35	70.00	3		0.00	
94	21X41A0497	SUNKARA NAGA RAJU		0.00			0.00		40	80.00	3
95	21X41A0498	SURATHA RAMYA		0.00		50	100.00	3		0.00	
96	21X41A0499	SUSANNA MANDALAPUDI		0.00			0.00		40	80.00	3
97	21X41A04A0	THOTA LEELADHAR		0.00			0.00			0.00	
98	21X41A04A1	T SAI MADHU LATHA		0.00		40	80.00	3		0.00	

99	21X41A04A2	VALLURI PAVAN KUMAR		0.00			0.00		35	70.00	3
100	21X41A04A3	V LAKSHMI PRASANNA		0.00			0.00		35	70.00	3
101	21X41A04A4	VONTERU MEGHAMALA		0.00		40	80.00	3		0.00	
102	21X41A04A5	YANGALADASU JEEVA MADHURI		0.00			0.00		30	60.00	2
103	21X41A04A6	CHALAMALASETTY MOHITH		0.00		45	90.00	3		0.00	
104	21X41A04A7	BANDREDDY SAI BABU	30	60.00	2		0.00			0.00	
105	21X41A04A8	VASAM VINOSH		0.00			0.00		40	80.00	3
106	21X41A04B0	N AKSHAY VENUGOPAL		0.00		45	90.00	3		0.00	
107	21X41A04B1	K M VENKATA AKASH		0.00		45	90.00	3		0.00	
108	21X41A04B2	GADDE VAMSIKRISHNA		0.00			0.00		40	80.00	3
109	21X41A04B3	M CHANDRA KIRAN		0.00		45	90.00	3		0.00	
110	21X41A04B4	L GNANESWARA RAO		0.00			0.00		45	90.00	3
111	21X41A04B5	M BHUVAN SASANK		0.00			0.00		40	80.00	3
112	22X45A0401	MADIPILLI JHANSI RANI		0.00		40	80.00	3		0.00	
113	22X45A0402	GOTTIPARTHI MOUNIKA	45	90.00	3		0.00			0.00	
114	22X45A0403	BODDU MANASA	40	80.00	3		0.00			0.00	
115	22X45A0404	MUPPIDI VIDHYA SRI		0.00		40	80.00	3		0.00	
116	22X45A0405	JOJO ANISHA		0.00			0.00		40	80.00	3
117	22X45A0406	REMINISETTY NAVEEN BABU		0.00			0.00		40	80.00	3
118	22X45A0407	VAKA MANASA		0.00			0.00		40	80.00	3
119	22X45A0408	Ch NITHIN		0.00		45	90.00	3		0.00	
120	22X45A0409	MARADA DHARANJA		0.00		40	80.00	3		0.00	
121	22X45A0410	LAGUDU NEELA LOHITHA	50	100.00	3		0.00			0.00	
122	22X45A0411	PAGOLU JAHNAVI		0.00		50	100.00	3		0.00	
123	22X45A0412	CHILAKA RAVI KANTH		0.00			0.00		40	80.00	3
124	22X45A0413	MADUGULA VINAY KUMAR	40	80.00	3		0.00			0.00	
125	22X45A0414	THUMU GEETHIKA		0.00			0.00		45	90.00	3
126	22X45A0415	KOPPANATI YAMINI		0.00		50	100.00	3		0.00	
127	22X45A0416	J SIVA SANKAR		0.00		45	90.00	3		0.00	
128	22X45A0417	R S RAGHUNANDHAN REDDY		0.00			0.00		40	80.00	3
129	22X45A0418	KV SIVARAM AJAY		0.00		40	80.00	3		0.00	
130	22X45A0419	K HEMANTH		0.00			0.00		45	90.00	3
131	22X45A0420	P DEVENDRA		0.00		35	70.00	3		0.00	
132	22X45A0421	V AJAY KUMAR	40	80.00	3		0.00			0.00	
133	22X45A0422	R PRAMELA		0.00		40	80.00	3		0.00	
134	22X45A0423	A NIKHITHA		0.00			0.00		45	90.00	3
135	22X45A0424	E PRAVALLIKA	45	90.00	3		0.00			0.00	
136	22X45A0425	A ASWINI		0.00		40	80.00	3		0.00	



PRINCIPAL
SRM INSTITUTE OF TECHNOLOGY
ENKEPADI, VIJAYAWADA-521 108.

137	22X45A0426	RAJULAPATI TARUN KUMAR		0.00			0.00		40	80.00	3
138	22X45A0427	MANEPALLI HEMA VARSHI...		0.00		40	80.00	3		0.00	
139	22X45A0428	GORRELA KRISHNA VENI		0.00		45	90.00	3		0.00	
140	22X45A0429	JAMPANA BAABJI		0.00			0.00		45	90.00	3
AVERAGE			43	86.00	3	41.7	83.40	3	41.1	82.20	3
CO			CO1			CO2			CO3		
CO WISE PERCENTAGE			3			3			3		


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

CO ATTAINMENT	EXTERNAL MARKS LEVEL	DIRECT ATTAINMENT	INDIRECT ATTAINMENT %	INDIRECT ATTAINMENT	FINAL ATTAINMENT	EXPECTED LEVEL of	ATTAINMENT %
CO1	3	3	97.69	2.93	2.99	70	99.67
CO2	3	3	98.31	2.95	2.99	70	99.67
CO3	3	3	98.77	2.96	2.99	70	99.67

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70
*Upper boundary exclusive		

CO-PO Matrix for Python Lab

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO12	PSO1	PSO2	PSO3	ATTAINMENT LEVEL
CO1	3	2	2					2				2		2.99
CO2	2	2	2					2				3		2.99
CO3	2	2	3					2				2		2.99

FOR PYTHON LAB PO ATTAINMENT

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
20.93	17.94	20.93	0	0	0	0	17.94	0	0	0	0	0	20.93	0
2.99	2.99	2.99	0	0	0	0	2.99	0	0	0	0	0	2.99	0

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKERADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Andhra Pradesh

Accredited with NAAC 'A' Grade

ISO 9001:2015 Certified Institution

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

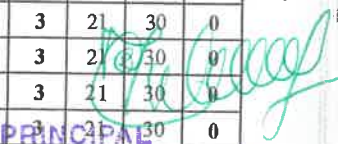
CALCULATION OF LEVEL OF ATTAINMENT FOR COs, POs and PSOs

YEAR-SEM: II-II		A.Y:2022-23									SUBJECT:LCS									FACULTY NAME: A.V.P.SARVARI												EXTERNAL MARKS		
S.NO.	ROLL NO.	Q1			Q2			Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE			ASSIGNMENT					
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L			
1	21X41A0401	4	40	1	3	30	0	3	30	0	19	95	3	5	100	3		0	0	2	20	0	9	90	3	13	65	2	5	100	3	42	60	2
2	21X41A0402	4	40	1	7	70	3	5	50	1	20	100	3	5	100	3	3	30	0	8	80	3	2	20	0	6	30	0	5	100	3	35	50	1
3	21X41A0403	4	40	1		0	0	5	50	1	19	95	3	5	100	3		0	0	3	30	0		0	0	11	55	2	5	100	3	21	30	0
4	21X41A0404	2	20	0		0	0		0	0	17	85	3	5	100	3		0	0		0	0	1	10	0	16	80	3	5	100	3	21	30	0
5	21X41A0405		0	0		0	0		0	0		0	0		0	0		0	0		0	0	1	10	0	16	80	3	5	100	3	21	30	0
6	21X41A0406	5	50	1	5	50	1	5	50	1	20	100	3	5	100	3	1	10	0	6	60	2	8	80	3	13	65	2	5	100	3	35	50	1
7	21X41A0407	5	50	1	1	10	0	8	80	3	19	95	3	5	100	3	3	30	0		0	0	9	90	3	11	55	2	5	100	3	35	50	1
8	21X41A0408	4	40	1	1	10	0	1	10	0	20	100	3	5	100	3	1	10	0		0	0	1	10	0	12	60	2	5	100	3	35	50	1
9	21X41A0409	2	20	0		0	0		0	0	19	95	3	5	100	3	3	30	0	2	20	0	4	40	1	5	100	3	5	100	3	35	50	1
10	21X41A0410	5	50	1	10	100	3	4	40	1	18	90	3	5	100	3		0	0	2	20	0	4	40	1	5	25	0	5	100	3	35	50	1
11	21X41A0411	5	50	1	5	50	1	5	50	1	20	100	3	5	100	3	1	10	0	2	20	0	8	80	3	14	70	3	5	100	3	42	60	2
12	21X41A0412	5	50	1		0	0	6	60	2	20	100	3	5	100	3	1	10	0	8	80	3	10	100	3	12	60	2	5	100	3	35	50	1
13	21X41A0413	5	50	1		0	0	7	70	3	19	95	3	5	100	3	1	10	0	8	80	3		0	0	12	60	2	5	100	3	21	30	0
14	21X41A0414	6	60	2	4	40	1	6	60	2	19	95	3	5	100	3		0	0	6	60	2	3	30	0	13	65	2	5	100	3	42	60	2
15	21X41A0415	10	100	3	10	100	3	7	70	3	17	85	3	5	100	3	6	60	2	2	20	0	10	100	3	12	60	2	5	100	3	42	60	2
16	21X41A0416	10	100	3		0	0	3	30	0	15	75	3	5	100	3		0	0	7	70	3	5	50	1	14	70	3	5	100	3	49	70	3
17	21X41A0417	5	50	1		0	0	1	10	0	19	95	3	5	100	3	1	10	0		0	0	6	60	2	10	50	1	5	100	3	35	50	1
18	21X41A0418	9	90	3	10	100	3	8	80	3	15	75	3	5	100	3	8	80	3	10	100	3	10	100	3	9	45	1	5	100	3	49	70	3
19	21X41A0419	10	100	3	10	100	3	9	90	3	20	100	3	5	100	3	7	70	3	8	80	3	10	100	3	7	35	0	5	100	3	56	80	3
20	21X41A0420	3	30	0		0	0	5	50	1	14	70	3	5	100	3		0	0	2	20	0	5	50	1	9	45	1	5	100	3	21	30	0
21	21X41A0421	4	40	1		0	0	2	20	0	20	100	3	5	100	3		0	0	2	20	0	2	20	0	10	50	1	5	100	3	35	50	1
22	21X41A0422	5	50	1	7	70	3	7	70	3	19	95	3	5	100	3	1	10	0	8	80	3	9	90	3	13	65	2	5	100	3	35	50	1
23	21X41A0423		0	0		0	0		0	0	19	95	3	5	100	3		0	0	1	10	0		0	0	10	50	1	5	100	3	21	30	0
24	21X41A0424	5	50	1	9	90	3	1	10	0	20	100	3	5	100	3		0	0		0	0	1	10	0	13	65	2	5	100	3	21	30	0
25	21X41A0425	3	30	0	1	10	0	3	30	0	20	100	3	5	100	3	1	10	0	7	70	3	5	50	1	13	65	2	5	100	3	21	30	0
26	21X41A0426	2	20	0	9	90	3	7	70	3	19	95	3	5	100	3	1	10	0	7	70	3	9	90	3	12	60	2	5	100	3	42	60	2
27	21X41A0427	4	40	1	7	70	3	8	80	3	19	95	3	5	100	3	3	30	0	9	90	3	6	60	2	10	50	1	5	100	3	42	60	2
28	21X41A0428	4	40	1	3	30	0	3	30	0	20	100	3	5	100	3	8	80	3	6	60	2	8	80	3	12	60	2	5	100	3	49	70	3
29	21X41A0430	5	50	1	2	20	0	2	20	0	18	90	3	5	100	3	5	50	1	8	80	3	8	80	3	13	65	2	5	100	3	21	30	0
30	21X41A0431	9	90	3	6	60	2	7	70	3	20	100	3	5	100	3	8	80	3	9	90	3	10	100	3	17	85	3	5	100	3	42	60	2
31	21X41A0432	3	30	0		0	0	6	60	2	19	95	3	5	100	3	1	10	0	7	70	3	9	90	3	8	40	1	5	100	3	42	60	2
32	21X41A0433	10	100	3	9	90	3	6	60	2	17	85	3	5	100	3		0	0	6	60	2	9	90	3	15	75	3	5	100	3	42	60	2

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA -521108

33	21X41A0434	7	70	3	4	40	1	6	60	2	17	85	3	5	100	3	0	0	5	50	1	9	90	3	6	30	0	5	100	3	42	60	2	
34	21X41A0435	4	40	1		0	0	7	70	3	20	100	3	5	100	3	2	20	0	5	50		9	90	3	6	30	0	5	100	3	42	60	2
35	21X41A0436	2	20	0		0	0	6	60	2	19	95	3	5	100	3		0	0	5	50	1		0	0	11	55	2	5	100	3	35	50	1
36	21X41A0437	7	70	3	10	100	3	8	80	3	19	95	3	5	100	3	1	10	0	6	60	2	5	50	1	11	55	2	5	100	3	35	50	1
37	21X41A0438	5	50	1	2	20	0	2	20	0	19	95	3	5	100	3		0	0	1	10	0		0	0	14	70	3	5	100	3	35	50	1
38	21X41A0439	2	20	0	3	30	0	1	10	0	10	50	1	5	100	3	2	20	0	1	10	0		0	0	9	45	1	5	100	3	21	30	0
39	21X41A0440	5	50	1		0	0	5	50	1	8	40	1	5	100	3		0	0		0	0		0	0	6	30	0	5	100	3	21	30	0
40	21X41A0441		0	0	6	60	2	2	20	0	19	95	3	5	100	3	2	20	0	1	10	0		0	0	13	65	2	5	100	3	21	30	0
41	21X41A0442	6	60	2	2	20	0	6	60	2	18	90	3	5	100	3	1	10	0	2	20	0	5	50	1	13	65	2	5	100	3	35	50	1
42	21X41A0443	5	50	1	4	40	1	1	10	0	20	100	3	5	100	3		0	0	5	50	1	10	100	3	12	60	2	5	100	3	35	50	1
43	21X41A0445	5	50	1	3	30	0	2	20	0	16	80	3	5	100	3	1	10	0	5	50	1	3	30	0	14	70	3	5	100	3	21	30	0
44	21X41A0446	4	40	1	6	60	2	5	50	1	14	70	3	5	100	3	5	50	1	10	100	3	8	80	3	9	45	1	5	100	3	35	50	1
45	21X41A0447	4	40	1	2	20	0	4	40	1	11	55	2	5	100	3		0	0	2	20	0	1	10	0	9	45	1	5	100	3	35	50	1
46	21X41A0448	10	100	3	10	100	3	3	30	0	14	70	3	5	100	3		0	0	2	20	0	1	10	0	9	45	1	5	100	3	35	50	1
47	21X41A0449	5	50	1	6	60	2	8	80	3	19	95	3	5	100	3		0	0	2	20	0	7	70	3	6	30	0	5	100	3	49	70	3
48	21X41A0450	4	40	1	3	30	0	2	20	0	19	95	3	5	100	3	6	60	2	8	80	3	10	100	3	14	70	3	5	100	3	56	80	3
49	21X41A0451		0	0		0	0	1	10	0	17	85	3	5	100	3	2	20	0	2	20	0		0	0	9	45	1	5	100	3	35	50	1
50	21X41A0453	5	50	1	2	20	0	6	60	2	20	100	3	5	100	3	1	10	0	6	60	2	1	10	0	18	90	3	5	100	3	42	60	2
51	21X41A0454	3	30	0		0	0	2	20	0	19	95	3	5	100	3		0	0	2	20	0		0	0	15	75	3	5	100	3	21	30	0
52	21X41A0455	8	80	3	5	50	1	8	80	3	15	75	3	5	100	3	3	30	0	9	90	3	8	80	3	6	30	0	5	100	3	21	30	0
53	21X41A0456	5	50	1	1	10	0	3	30	0	20	100	3	5	100	3		0	0	2	20	0	3	30	0	10	50	1	5	100	3	42	60	2
54	21X41A0457	5	50	1	3	30	0	6	60	2	19	95	3	5	100	3	6	60	2	8	80	3	9	90	3	15	75	3	5	100	3	42	60	2
55	21X41A0458	2	20	0		0	0	3	30	0	19	95	3	5	100	3		0	0	1	10	0	2	20	0	15	75	3	5	100	3	21	30	0
56	21X41A0459	5	50	1		0	0	8	80	3	12	60	2	5	100	3	2	20	0		0	0		0	0	8	40	1	5	100	3	21	30	0
57	21X41A0460	6	60	2	6	60	2	8	80	3	19	95	3	5	100	3	1	10	0		0	0		0	0	12	60	2	5	100	3	42	60	2
58	21X41A0461	6	60	2	2	20	0	7	70	3	20	100	3	5	100	3	7	70	3	2	20	0	8	80	3	10	50	1	5	100	3	49	70	3
59	21X41A0462	8	80	3	4	40	1	4	40	1	6	30	0	5	100	3		0	0	9	90	3	9	90	3	14	70	3	5	100	3	42	60	2
60	21X41A0463	10	100	3	5	50	1	8	80	3	12	60	2	5	100	3	9	90	3	10	100	3	8	80	3	15	75	3	5	100	3	49	70	3
61	21X41A0464	6	60	2	3	30	0	2	20	0	4	20	0	5	100	3	6	60	2	5	50	1	6	60	2	11	55	2	5	100	3	42	60	2
62	22X45A0401	10	100	3	5	50	1	8	80	3	19	95	3	5	100	3	9	90	3	6	60	2	10	100	3	9	45	1	5	100	3	42	60	2
63	22X45A0402	6	60	2	4	40	1	6	60	2	9	45	1	5	100	3	3	30	0	6	60	2	9	90	3	5	25	0	5	100	3	35	50	1
64	22X45A0403	5	50	1	3	30	0	3	30	0	9	45	1	5	100	3	4	40	1	7	70	3	2	20	0	11	55	2	5	100	3	35	50	1
65	22X45A0404	9	90	3	5	50	1	9	90	3	19	95	3	5	100	3	4	40	1	7	70	3	10	100	3	10	50	1	5	100	3	42	60	2
66	22X45A0405	5	50	1	3	30	0		0	0	15	75	3	5	100	3		0	0	2	20	0	10	100	3	7	35	0	5	100	3	35	50	1
67	22X45A0406	5	50	1		0	0		0	0	20	100	3	5	100	3		0	0	5	50	1	9	90	3	10	50	1	5	100	3	21	30	0
68	22X45A0407	9	90	3	7	70	3	6	60	2	14	70	3	5	100	3	9	90	3	8	80	3	10	100	3	8	40	1	5	100	3	49	70	3
69	21X41A0465	3	30	0		0	0	4	40	1	18	90	3	5	100	3	2	20	0	6	60	2	5	50	1	12	60	2	5	100	3	35	50	1
70	21X41A0466	4	40	1	3	30	0		0	0	19	95	3	5	100	3		0	0		0	0		0	0	0	0	0	5	100	3	21	30	0
71	21X41A0467	5	50	1		0	0		0	0	19	95	3	5	100	3		0	0		0	0	1	10	0	6	30	0	5	100	3	21	30	0
72	21X41A0468	4	40	1		0	0	3	30	0	20	100	3	5	100	3		0	0		0	0	1	10	0	7	35	0	5	100	3	35	50	1
73	21X41A0469	4	40	1	4	40	1	3	30	0	8	40	1	5	100	3	1	10	0	2	20	0	8	80	3	8	40	1	5	100	3	35	50	1

74	21X41A0470	9	90	3	9	90	3	7	70	3	11	55	2	5	100	3	10	100	3	8	80	3	10	100	3	4	20	0	5	100	3	49	70	3
75	21X41A0471	5	50	1	2	20	0	4	40	1	15	95	3	5	100	3	1	10	0	2	20	3	30	0	5	25	0	5	100	3	21	30	0	
76	21X41A0472	5	50	1	3	30	0	10	100	3	15	75	3	5	100	3		0	0	5	50	1	7	70	3	7	35	0	5	100	3	21	30	0
77	21X41A0474	10	100	3	5	50	1	6	60	2	20	100	3	5	100	3	1	10	0	4	40	1	10	100	3	7	35	0	5	100	3	42	60	2
78	21X41A0475	5	50	1	2	20	0	1	10	0	19	95	3	5	100	3		0	0	2	20	0	1	10	0	6	30	0	5	100	3	21	30	0
79	21X41A0476	3	30	0	4	40	1		0	0	14	70	3	5	100	3		0	0		0	0		0	0	2	10	0	5	100	3	21	30	0
80	21X41A0477	9	90	3	6	60	2	5	50	1	2	10	0	5	100	3	6	60	2	5	50	1	5	50	1	4	20	0	5	100	3	35	50	1
81	21X41A0478	3	30	0	3	30	0		0	0	17	85	3	5	100	3		0	0	2	20	0	5	50	1	6	30	0	5	100	3	21	30	0
82	21X41A0479	4	40	1	3	30	0		0	0	18	90	3	5	100	3		0	0	2	20	0	5	50	1	8	40	1	5	100	3	35	50	1
83	21X41A0480	7	70	3	6	60	2	6	60	2	17	85	3	5	100	3		0	0	4	40	1	7	70	3	13	65	2	5	100	3	35	50	1
84	21X41A0482	3	30	0	5	50	1		0	0	19	95	3	5	100	3		0	0	5	50	1	9	90	3	7	35	0	5	100	3	21	30	0
85	21X41A0483	6	60	2	6	60	2	7	70	3	18	90	3	5	100	3	1	10	0	6	60	2	2	20	0	6	30	0	5	100	3	35	50	1
86	21X41A0484	2	20	0		0	0	1	10	0	20	100	3	5	100	3	2	20	0	4	40	1	9	90	3	3	15	0	5	100	3	35	50	1
87	21X41A0485		0	0		0	0		0	0	19	95	3	5	100	3	2	20	0	3	30	0	3	30	0	7	35	0	5	100	3	21	30	0
88	21X41A0486	10	100	3		0	0	7	70	3	6	30	0	5	100	3	7	70	3	8	80	3	3	30	0	5	25	0	5	100	3	35	50	1
89	21X41A0487	8	80	3	10	100	3	4	40	1	18	90	3	5	100	3	6	60	2	8	80	3	2	20	0	4	20	0	5	100	3	42	60	2
90	21X41A0488		0	0		0	0		0	0		0	0	5	100	3		0	0	2	20	0	3	30	0	6	30	0	5	100	3	21	30	0
91	21X41A0489	3	30	0	4	40	1	1	10	0	19	95	3	5	100	3		0	0	1	10	0	6	60	2	7	35	0	5	100	3	21	30	0
92	21X41A0490	5	50	1		0	0	8	80	3	10	50	1	5	100	3		0	0	3	30	0	7	70	3	3	15	0	5	100	3	35	50	1
93	21X41A0491	4	40	1		0	0		0	0	19	95	3	5	100	3	1	10	0		0	0	7	70	3	10	50	1	5	100	3	21	30	0
94	21X41A0492	4	40	1	7	70	3	8	80	3	20	100	3	5	100	3	2	20	0	6	60	2	10	100	3	12	60	2	5	100	3	42	60	2
95	21X41A0493	1	10	0	4	40	1	3	30	0	20	100	3	5	100	3	4	40	1	2	20	0	8	80	3	11	55	2	5	100	3	21	30	0
96	21X41A0494	3	30	0		0	0		0	0	8	40	1	5	100	3	6	60	2		0	0	3	30	0	6	30	0	5	100	3	35	50	1
97	21X41A0495	6	60	2		0	0	7	70	3	19	95	3	5	100	3		0	0	8	80	3	10	100	3	10	50	1	5	100	3	42	60	2
98	21X41A0496	4	40	1		0	0	2	20	0	17	85	3	5	100	3	1	10	0	3	30	0	3	30	0	6	30	0	5	100	3	21	30	0
99	21X41A0497	5	50	1		0	0	6	60	2	19	95	3	5	100	3	8	80	3	5	50	1	3	30	0	10	50	1	5	100	3	21	30	0
100	21X41A0498	3	30	0	4	40	1		0	0	19	95	3	5	100	3		0	0		0	0		0	0		0	0	5	100	3	21	30	0
101	21X41A0499	4	40	1	2	20	0	3	30	0	8	40	1	5	100	3	4	40	1	7	70	3	2	20	0	9	45	1	5	100	3	35	50	1
102	21X41A04A0	3	30	0	1	10	0		0	0	4	20	0	5	100	3	2	20	0	2	20	0		0	0	8	40	1	5	100	3	21	30	0
103	21X41A04A1	3	30	0		0	0		0	0	19	95	3	5	100	3		0	0	2	20	0	7	70	3	4	20	0	5	100	3	21	30	0
104	21X41A04A2	3	30	0		0	0		0	0	20	100	3	5	100	3		0	0		0	0	3	30	0	9	45	1	5	100	3	21	30	0
105	21X41A04A3	3	30	0	3	30	0	3	30	0	20	100	3	5	100	3	2	20	0	2	20	0	7	70	3	11	55	2	5	100	3	35	50	1
106	21X41A04A4	3	30	0		0	0		0	0	6	30	0	5	100	3		0	0	2	20	0	2	20	0	2	10	0	5	100	3	21	30	0
107	21X41A04A5	4	40	1		0	0		0	0	15	75	3	5	100	3		0	0	2	20	0	1	10	0	4	20	0	5	100	3	21	30	0
108	21X41A04A6	4	40	1	6	60	2		0	0	14	70	3	5	100	3		0	0	2	20	0	7	70	3	4	20	0	5	100	3	21	30	0
109	21X41A04A7	3	30	0		0	0		0	0	18	90	3	5	100	3		0	0		0	0		0	0	6	30	0	5	100	3	21	30	0
110	21X41A04A8	5	50	1		0	0		0	0	20	100	3	5	100	3		0	0	3	30	0	6	60	2	8	40	1	5	100	3	21	30	0
111	21X41A04B0	5	50	1		0	0	6	60	2	19	95	3	5	100	3	1	10	0	2	20	0	10	100	3	14	70	3	5	100	3	21	30	0
112	21X41A04B1		0	0		0	0		0	0	6	30	0	5	100	3		0	0	2	20	0	5	50	1	13	65	2	5	100	3	21	30	0
113	21X41A04B2	3	30	0		0	0		0	0	17	85	3	5	100	3		0	0	2	20	0		0	0	9	45	1	5	100	3	21	30	0
114	21X41A04B3	7	70	3		0	0	8	80	3	20	100	3	5	100	3	5	50	1	3	30	0	10	100	3	13	65							


PRINCIPAL
BK INSTITUTE OF TECHNOLOGY
ENTIKAPADU, VIJAYAWADA-521 108.

115	21X41A04B4	4	40	1	2	20	0	7	70	3	19	95	3	5	100	3	4	40	1	0	0	3	30	0	8	40	1	5	100	3	35	50	1	
116	22X45A0408	3	30	0		0	0		0	0	1	85	3	5	100	3	1	10	0		0		0	0	4	20	0	5	100	3	35	50	1	
117	22X45A0409	10	100	3		0	0	5	50	1	20	100	3	5	100	3		0	0	8	80	3	5	50	1	7	35	0	5	100	3	21	30	0
118	22X45A0410	9	90	3	4	40	1	6	60	2	20	100	3	5	100	3	4	40	1	5	50	1	7	70	3	11	55	2	5	100	3	42	60	2
119	22X45A0411	6	60	2	7	70	3	5	50	1	12	60	2	5	100	3	1	10	0	5	50	1	3	30	0	8	40	1	5	100	3	35	50	1
120	22X45A0412	6	60	2	7	70	3	4	40	1	19	95	3	5	100	3		0	0	3	30	0	8	80	3	5	25	0	5	100	3	35	50	1
121	22X45A0413		0	0		0	0		0	0	12	60	2	5	100	3		0	0	1	10	0		0	0	5	25	0	5	100	3	21	30	0
122	22X45A0414	6	60	2	7	70	3	4	40	1	17	85	3	5	100	3	3	30	0		0	0		0	0	8	40	1	5	100	3	21	30	0
123	22X45A0415	7	70	3	8	80	3	5	50	1	14	70	3	5	100	3	1	10	0	5	50	1	5	50	1	6	30	0	5	100	3	42	60	2
124	22X45A0416	4	40	1	7	70	3		0	0	19	95	3	5	100	3	1	10	0		0	0	1	10	0	7	35	0	5	100	3	21	30	0
125	22X45A0417	8	80	3	8	80	3	3	30	0	19	95	3	5	100	3		0	0	1	10	0	2	20	0	6	30	0	5	100	3	21	30	0
126	22X45A0418	2	20	0	7	70	3	6	60	2	20	100	3	5	100	3	1	10	0	2	20	0	4	40	1	7	35	0	5	100	3	21	30	0
127	22X45A0419	2	20	0		0	0		0	0	19	95	3	5	100	3		0	0		0	0		0	0	9	45	1	5	100	3	35	50	1
128	22X45A0421	7	70	3	4	40	1		0	0	16	80	3	5	100	3		0	0	2	20	0	9	90	3	3	15	0	5	100	3	35	50	1
129	22X45A0422	5	50	1	2	20	0	5	50	1	15	75	3	5	100	3	1	10	0	2	20	0	10	100	3	6	30	0	5	100	3	35	50	1
130	22X45A0423	8	80	3	9	90	3		0	0	20	100	3	5	100	3		0	0	1	10	0	2	20	0	8	40	1	5	100	3	21	30	0
131	22X45A0424	9	90	3	7	70	3		0	0	19	95	3	5	100	3		0	0	6	60	2	4	40	1	7	35	0	5	100	3	42	60	2
132	22X45A0425	9	90	3	6	60	2	3	30	0	19	95	3	5	100	3		0	0	3	30	0	4	40	1	5	25	0	5	100	3	42	60	2
133	22X45A0426	3	30	0	6	60	2	3	30	0	17	85	3	5	100	3		0	0		0	0	1	10	0	9	45	1	5	100	3	42	60	2
134	22X45A0427	9	90	3	7	70	3	5	50	1	19	95	3	5	100	3	2	20	0	2	20	0	5	50	1	9	45	1	5	100	3	21	30	0
135	22X45A0428	10	100	3	10	100	3	7	70	3	18	90	3	5	100	3	6	60	2	2	20	0	9	90	3	13	65	2	5	100	3	49	70	3
136	22X45A0429	8	80	3	9	90	3	6	60	2	20	100	3	5	100	3	5	50	1	2	20	0	2	20	0	7	35	0	5	100	3	49	70	3
137	20X41A0426	9	90	3	7	70	3	8	80	3	19	95	3	5	100	3	1	10	0	9	90	3	10	100	3	18	90	3	5	100	3	49	70	3
AVERAGE		5.36	50.44	1.3	5.16	33.87	0.94	4.96	37.3	1.07	16.81	82.81	2.64	5	100	3	3.38	19.49	0.45	4.47	37.23	0.96	6.01	50.44	1.45	9.24	45.84	1.13	5	100	3	32.5	46.42	1.02
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)		
CO WISE SUM		1.3			0.94			1.07			2.64			3			0.76			0.96			1.45			1.13			3			1.02		


 PRINCIPAL
 SRM INSTITUTE OF TECHNOLOGY
 SRM KADAPATI, VIJAYAWADA-521 108

CO	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL of ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	1.3	2.64	3	1.02	1.32	93.23	2.8	1.62	65	54
CO2	0.94	2.64	3	1.02	1.27	94.33	2.83	1.58	65	52.67
CO3	0.76	1.89	3	1.02	1.17	92.44	2.77	1.49	65	49.67
CO4	0.96	1.13	3	1.02	1.12	93.07	2.79	1.45	65	48.33
CO5	1.45	1.13	3	1.02	1.19	91.81	2.75	1.5	65	50

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70
*Upper boundary exclusive		

CO-PO Matrix for the Subject LCS

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	ATTAINMENT LEVELS
CO1	3	3	2											1		1.62
CO2	2	3	2											2		1.58
CO3	2	3	2	1										2		1.49
CO4	2	3	2	3										2		1.45
CO5	2	3	2											1		1.5

PO ATTAINMENTS

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
16.9	22.92	15.28	5.84	0	0	0	0	0	0	0	0	0	12.16	0
1.54	1.53	1.53	1.46										1.52	

Signature of the Faculty

Signature of the HoD

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108
 Approved by AICTE, Affiliated to JNTUK, Kakinada
 ISO 9001:2015 Certified Institution
 Accredited with NAAC 'A' grade
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSO

YEAR-SEM: II-II		A.Y:2022-23						SUBJECT: ECA									FACULTY NAME : K.NAGA LAVANYA												EXTERNAL MARKS					
S.NO.	ROLL NO.	MID EXAM - I									MID EXAM - II																							
		Q1			Q2			Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE			ASSIGNMENT					
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L
1	21X41A0401	4	40	1	0	0	0	10	100	3	7	35	0	5	100	3	0	0	0	2	20	0	2	20	0	18	90	3	5	100	3	21	30	0
2	21X41A0402	6	60	2	1	10	0	10	100	3	9	45	1	5	100	3	0	0	0	6	60	2	5	50	1	20	100	3	5	100	3	49	70	3
3	21X41A0403	2	20	0	0	0	0	8	80	3	5	25	0	5	100	3	0	0	0	6	60	2	2	20	0	20	100	3	5	100	3	21	30	0
4	21X41A0404	1	10	0	1	10	0	0	0	0	8	40	1	5	100	3		0	0		0	0		0	0		0	0	5	100	3	21	30	0
5	21X41A0405	8	80	3	1	10	0	6	60	2	5	25	0	5	100	3	2	20	0	5	50	1	2	20	0	20	100	3	5	100	3	35	50	1
6	21X41A0406	9	90	3	1	10	0	10	100	3	10	50	1	5	100	3	1	10	0	2	20	0	2	20	0	20	100	3	5	100	3	35	50	1
7	21X41A0407	5	50	1	1	10	0	8	80	3	9	45	1	5	100	3	1	10	0	0	0	0	2	20	0	20	100	3	5	100	3	21	30	0
8	21X41A0408	4	40	1	2	20	0	10	100	3	11	55	2	5	100	3	5	50	1	5	50	1	3	30	0	20	100	3	5	100	3	42	60	2
9	21X41A0409	4	40	1	0	0	0	10	100	3	5	25	0	5	100	3	5	50	1	5	50	1	4	40	1	16	80	3	5	100	3	21	30	0
10	21X41A0410	8	80	3	10	100	3	10	100	3	5	25	0	5	100	3	3	30	0	5	50	1	5	50	1	18	90	3	5	100	3	42	60	2
11	21X41A0411	8	80	3	1	10	0	10	100	3	2	10	0	5	100	3	5	50	1	5	50	1	0	0	0	20	100	3	5	100	3	35	50	1
12	21X41A0412	10	100	3	0	0	0	7	70	3	8	40	1	5	100	3	5	50	1	5	50	1	0	0	0	20	100	3	5	100	3	35	50	1
13	21X41A0413	5	50	1	1	10	0	10	100	3	7	35	0	5	100	3	5	50	1	3	30	0	3	30	0	18	90	3	5	100	3	35	50	1
14	21X41A0414	8	80	3	1	10	0	10	100	3	7	35	0	5	100	3	6	60	2	0	0	0	8	80	3	18	90	3	5	100	3	42	60	2
15	21X41A0415	10	100	3	2	20	0	10	100	3	10	50	1	5	100	3	6	60	2	10	100	3	8	80	3	20	100	3	5	100	3	49	70	3
16	21X41A0416	10	100	3	1	10	0	10	100	3	9	45	1	5	100	3	6	60	2	8	80	3	0	0	0	20	100	3	5	100	3	35	50	1
17	21X41A0417	2	20	0	0	0	0	6	60	2	3	15	0	5	100	3	1	10	0	4	40	1	1	10	0	20	100	3	5	100	3	21	30	0
18	21X41A0418	10	100	3	7	70	3	10	100	3	7	35	0	5	100	3	5	50	1	10	100	3	9	90	3	18	90	3	5	100	3	56	80	3
19	21X41A0419	10	100	3	8	80	3	9	90	3	12	60	2	5	100	3	7	70	3	6	60	2	9	90	3	20	100	3	5	100	3	49	70	3
20	21X41A0420	1	10	0	1	10	0	10	100	3	8	40	1	5	100	3	0	0	0	0	0	0	2	20	0	18	90	3	5	100	3	21	30	0
21	21X41A0421	6	60	2	1	10	0	10	100	3	8	40	1	5	100	3	3	30	0	2	20	0	2	20	0	20	100	3	5	100	3	21	30	0
22	21X41A0422	10	100	3	3	30	0	10	100	3	4	20	0	5	100	3	6	60	2	2	20	0	3	30	0	20	100	3	5	100	3	35	50	1
23	21X41A0423	0	0	0	0	0	0	0	0	0	6	30	0	5	100	3	0	0	0	0	0	0	0	0	0	20	100	3	5	100	3	21	30	0

24	21X41A0424	10	100	3	3	30	0	10	100	3	11	55	2	5	100	3	0	0	0	1	10	0	1	10	0	20	100	3	5	100	3	21	30	0
25	21X41A0425	9	90	3	1	10	0	10	100	3	11	55	2	5	100	3	1	10	0	3	30	0	6	60	2	20	100	3	5	100	3	42	60	2
26	21X41A0426	5	50	1	0	0	0	7	70	3	5	25	0	5	100	3	3	30	0	10	100	3	5	50	1	18	90	3	5	100	3	56	80	3
27	21X41A0427	6	60	2	1	10	0	6	60	2	9	45	1	5	100	3	6	60	2	8	80	3	4	40	1	20	100	3	5	100	3	42	60	2
28	21X41A0428	8	80	3	10	100	3	4	40	1	8	40	1	5	100	3	5	50	1	6	60	2	6	60	2	18	90	3	5	100	3	42	60	2
29	21X41A0430	7	70	3	1	10	0	8	80	3	8	40	1	5	100	3	2	20	0	8	80	3	3	30	0	20	100	3	5	100	3	35	50	1
30	21X41A0431	10	100	3	7	70	3	10	100	3	8	40	1	5	100	3	5	50	1	8	80	3	9	90	3	20	100	3	5	100	3	70	100	3
31	21X41A0432	10	100	3	0	0	0	9	90	3	9	45	1	5	100	3	2	20	0	0	0	0	0	0	0	20	100	3	5	100	3	35	50	1
32	21X41A0433	10	100	3	5	50	1	9	90	3	6	30	0	5	100	3	8	80	3	10	100	3	5	50	1	18	90	3	5	100	3	49	70	3
33	21X41A0434	10	100	3	7	70	3	9	90	3	8	40	1	5	100	3	6	60	2	2	20	0	0	0	0	18	90	3	5	100	3	42	60	2
34	21X41A0435	8	80	3	0	0	0	8	80	3	4	20	0	5	100	3	6	60	2	2	20	0	1	10	0	18	90	3	5	100	3	21	30	0
35	21X41A0436	7	70	3	1	10	0	10	100	3	4	20	0	5	100	3	0	0	0	0	0	0	2	20	0	20	100	3	5	100	3	35	50	1
36	21X41A0437	6	60	2	3	30	0	10	100	3	13	65	2	5	100	3	5	50	1	2	20	0	4	40	1	20	100	3	5	100	3	21	30	0
37	21X41A0438	4	40	1	1	10	0	1	10	0	5	25	0	5	100	3	1	10	0	0	0	0	0	0	0	20	100	3	5	100	3	21	30	0
38	21X41A0439	6	60	2	1	10	0	8	80	3	7	35	0	5	100	3	1	10	0	0	0	0	1	10	0	18	90	3	5	100	3	21	30	0
39	21X41A0440	7	70	3	0	0	0	10	100	3	10	50	1	5	100	3	6	60	2	2	20	0	0	0	0	20	100	3	5	100	3	21	30	0
40	21X41A0441	10	100	3	1	10	0	6	60	2	12	60	2	5	100	3	0	0	0	0	0	0	0	0	0	20	100	3	5	100	3	21	30	0
41	21X41A0442	3	30	0	3	30	0	10	100	3	9	45	1	5	100	3	2	20	0	2	20	0	2	20	0	18	90	3	5	100	3	21	30	0
42	21X41A0443	10	100	3	0	0	0	7	70	3	11	55	2	5	100	3	6	60	2	0	0	0	0	0	0	20	100	3	5	100	3	21	30	0
43	21X41A0445	3	30	0	1	10	0	7	70	3	6	30	0	5	100	3	2	20	0	6	60	2	0	0	0	20	100	3	5	100	3	21	30	0
44	21X41A0446	10	100	3	1	10	0	10	100	3	10	50	1	5	100	3	6	60	2	6	60	2	2	20	0	20	100	3	5	100	3	21	30	0
45	21X41A0447	10	100	3	1	10	0	5	50	1	8	40	1	5	100	3	2	20	0	2	20	0	1	10	0	20	100	3	5	100	3	21	30	0
46	21X41A0448	10	100	3	4	40	1	10	100	3	6	30	0	5	100	3	8	80	3	5	50	1	0	0	0	18	90	3	5	100	3	42	60	2
47	21X41A0449	5	50	1	0	0	0	10	100	3	10	50	1	5	100	3	6	60	2	6	60	2	4	40	1	20	100	3	5	100	3	49	70	3
48	21X41A0450	10	100	3	1	10	0	10	100	3	4	20	0	5	100	3	0	0	0	2	20	0	0	0	0	20	100	3	5	100	3	35	50	1
49	21X41A0451	1	10	0	1	10	0	5	50	1	8	40	1	5	100	3	0	0	0	0	0	0	0	0	0	18	90	3	5	100	3	21	30	0
50	21X41A0453	10	100	3	2	20	0	6	60	2	9	45	1	5	100	3	3	30	0	2	20	0	0	0	0	18	90	3	5	100	3	35	50	1
51	21X41A0454	4	40	1	0	0	0	10	100	3	4	20	0	5	100	3	3	30	0	6	60	2	0	0	0	16	80	3	5	100	3	21	30	0
52	21X41A0455	7	70	3	2	20	0	10	100	3	8	40	1	5	100	3	2	20	0	5	50	1	7	70	3	6	30	0	5	100	3	21	30	0
53	21X41A0456	6	60	2	1	10	0	10	100	3	9	45	1	5	100	3	0	0	0	0	0	0	0	0	0	20	100	3	5	100	3	21	30	0

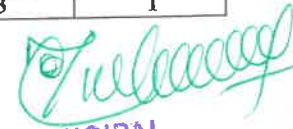
PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENRIKADU, VIJAYAWADA-521 108.

54	21X41A0457	5	50	1	1	10	0	6	60	2	5	25	0	5	100	3	6	60	2	9	90	3	5	50	1	20	100	3	5	100	3	63	90	3
55	21X41A0458	1	10	0	1	10	0	2	20	0	6	30	0	5	100	3	0	0	0	0	0	0	0	0	0	20	100	3	5	100	3	21	30	0
56	21X41A0459	6	60	2	1	10	0	10	100	3	8	40	1	5	100	3	2	20	0	1	10	0	0	0	16	80	3	5	100	3	21	30	0	
57	21X41A0460	2	20	0	7	70	3	8	80	3	12	60	2	5	100	3	3	30	0	3	30	0	2	20	0	20	100	3	5	100	3	21	30	0
58	21X41A0461	6	60	2	1	10	0	10	100	3	13	65	2	5	100	3	2	20	0	4	40	1	0	0	20	100	3	5	100	3	42	60	2	
59	21X41A0462	10	100	3	3	30	0	10	100	3	7	35	0	5	100	3	6	60	2	5	50	1	6	60	2	14	70	3	5	100	3	42	60	2
60	21X41A0463	8	80	3	4	40	1	10	100	3	10	50	1	5	100	3	6	60	2	9	90	3	6	60	2	16	80	3	5	100	3	49	70	3
61	21X41A0464	10	100	3	5	50	1	10	100	3	3	15	0	5	100	3	6	60	2	3	30	0	6	60	2	20	100	3	5	100	3	42	60	2
62	22X45A0401	10	100	3	1	10	0	4	40	1	6	30	0	5	100	3	1	10	0	2	20	0	3	30	0	20	100	3	5	100	3	63	90	3
63	22X45A0402	6	60	2	1	10	0	0	0	0	5	25	0	5	100	3	0	0	0	8	80	3	4	40	1	20	100	3	5	100	3	49	70	3
64	22X45A0403	0	0	0	1	10	0	10	100	3	9	45	1	5	100	3	2	20	0	8	80	3	2	20	0	20	100	3	5	100	3	42	60	2
65	22X45A0404	1	10	0	1	10	0	10	100	3	9	45	1	5	100	3	3	30	0	3	30	0	5	50	1	20	100	3	5	100	3	42	60	2
66	22X45A0405	10	100	3	1	10	0	7	70	3	3	15	0	5	100	3	3	30	0	2	20	0	4	40	1	16	80	3	5	100	3	42	60	2
67	22X45A0406	10	100	3	7	70	3	10	100	3	6	30	0	5	100	3	10	100	3	10	100	3	5	50	1	10	50	1	5	100	3	21	30	0
68	22X45A0407	2	20	0	0	0	0	10	100	3	5	25	0	5	100	3	0	0	0	0	0	0	3	30	0	20	100	3	5	100	3	49	70	3
69	21X41A0465	10	100	3	5	50	1	1	10	0	3	15	0	5	100	3	0	0	0	0	0	0	1	10	0	6	30	0	5	100	3	35	50	1
70	21X41A0466	8	80	3	3	30	0	10	100	3	6	30	0	5	100	3	4	40	1	6	60	2	6	60	2	20	100	3	5	100	3	21	30	0
71	21X41A0467	1	10	0	0	0	0	9	90	3	4	20	0	5	100	3	0	0	0	6	60	2	5	50	1	20	100	3	5	100	3	21	30	0
72	21X41A0468	3	30	0	0	0	0	0	0	0	5	25	0	5	100	3	0	0	0	4	40	1	6	60	2	6	30	0	5	100	3	35	50	1
73	21X41A0469	10	100	3	1	10	0	10	100	3	8	40	1	5	100	3	0	0	0	2	20	0	0	0	12	60	2	5	100	3	35	50	1	
74	21X41A0470	5	50	1	0	0	0	2	20	0	8	40	1	5	100	3	0	0	0	2	20	0	4	40	1	20	100	3	5	100	3	49	70	3
75	21X41A0471	9	90	3	0	0	0	5	50	1	4	20	0	5	100	3	0	0	0	3	30	0	6	60	2	20	100	3	5	100	3	21	30	0
76	21X41A0472	10	100	3	0	0	0	9	90	3	3	15	0	5	100	3	0	0	0	5	50	1	6	60	2	20	100	3	5	100	3	21	30	0
77	21X41A0474	5	50	1	0	0	0	10	100	3	9	45	1	5	100	3	0	0	0	10	100	3	5	50	1	18	90	3	5	100	3	49	70	3
78	21X41A0475	10	100	3	1	10	0	6	60	2	9	45	1	5	100	3	3	30	0	1	10	0	1	10	0	20	100	3	5	100	3	21	30	0
79	21X41A0476	5	50	1	0	0	0	7	70	3	7	35	0	5	100	3	5	50	1	0	0	0	4	40	1	20	100	3	5	100	3	0	0	0
80	21X41A0477	3	30	0	0	0	0	8	80	3	7	35	0	5	100	3	6	60	2	0	0	0	5	50	1	18	90	3	5	100	3	42	60	2
81	21X41A0478	10	100	3	1	10	0	10	100	3	7	35	0	5	100	3	3	30	0	6	60	2	2	20	0	8	40	1	5	100	3	21	30	0
82	21X41A0479	10	100	3	0	0	0	10	100	3	7	35	0	5	100	3	2	20	0	6	60	2	7	70	3	18	90	3	5	100	3	21	30	0
83	21X41A0480	1	10	0	0	0	0	6	60	2	7	35	0	5	100	3	0	0	0	0	0	0	4	40	1	10	50	1	5	100	3	21	30	0

84	21X41A0482	10	100	3	1	10	0	0	0	0	10	50	1	5	100	3	0	0	0	6	60	2	0	0	0	20	100	3	5	100	3	21	30	0
85	21X41A0483	7	70	3	1	10	0	10	100	3	9	45	1	5	100	3	0	0	0	0	0	0	0	0	0	12	60	2	5	100	3	35	50	1
86	21X41A0484	8	80	3	0	0	0	5	50	1	9	45	1	5	100	3		0	0		0	0		0	0		0	0	5	100	3	35	50	1
87	21X41A0485	9	90	3	1	10	0	8	80	3	6	30	0	5	100	3	0	0	0	10	100	3	5	50	1	18	90	3	5	100	3	21	30	0
88	21X41A0486	8	80	3	0	0	0	10	100	3	6	30	0	5	100	3	0	0	0	6	60	2	4	40	1	16	80	3	5	100	3	42	60	2
89	21X41A0487	5	50	1	1	10	0	3	30	0	10	50	1	5	100	3	0	0	0	6	60	2	7	70	3	16	80	3	5	100	3	42	60	2
90	21X41A0488	10	100	3	1	10	0	10	100	3	6	30	0	5	100	3	0	0	0	6	60	2	6	60	2	20	100	3	5	100	3	21	30	0
91	21X41A0489	6	60	2	3	30	0	0	0	0	5	25	0	5	100	3	2	20	0	0	0	0	0	0	8	40	1	5	100	3	21	30	0	
92	21X41A0490	10	100	3	7	70	3	10	100	3	5	25	0	5	100	3	4	40	1	4	40	1	7	70	3	20	100	3	5	100	3	21	30	0
93	21X41A0491	8	80	3	1	10	0	10	100	3	9	45	1	5	100	3	0	0	0	10	100	3	1	10	0	20	100	3	5	100	3	21	30	0
94	21X41A0492	5	50	1	1	10	0	10	100	3	10	50	1	5	100	3	0	0	0	2	20	0	5	50	1	20	100	3	5	100	3	42	60	2
95	21X41A0493	0	0	0	0	0	0	0	0	0	7	35	0	5	100	3	0	0	0	0	0	0	1	10	0	14	70	3	5	100	3	21	30	0
96	21X41A0494	10	100	3	0	0	0	5	50	1	9	45	1	5	100	3	2	20	0	3	30	0	1	10	0	18	90	3	5	100	3	21	30	0
97	21X41A0495	2	20	0	0	0	0	8	80	3	5	25	0	5	100	3	3	30	0	0	0	0	0	0	20	100	3	5	100	3	56	80	3	
98	21X41A0496	7	70	3	1	10	0	8	80	3	7	35	0	5	100	3	8	80	3	1	10	0	2	20	0	18	90	3	5	100	3	21	30	0
99	21X41A0497	0	0	0	1	10	0	1	10	0	6	30	0	5	100	3	0	0	0	0	0	0	2	20	0	16	80	3	5	100	3	49	70	3
100	21X41A0498	1	10	0	0	0	0	10	100	3	6	30	0	5	100	3	0	0	0	0	0	0	1	10	0	18	90	3	5	100	3	35	50	1
101	21X41A0499	10	100	3	0	0	0	10	100	3	5	25	0	5	100	3	6	60	2	0	0	0	2	20	0	6	30	0	5	100	3	35	50	1
102	21X41A04A0	1	10	0	0	0	0	3	30	0	6	30	0	5	100	3		0	0		0	0		0			0	0	5	100	3	21	30	0
103	21X41A04A1	1	10	0	1	10	0	7	70	3	6	30	0	5	100	3	2	20	0	2	20	0	0	0	0	16	80	3	5	100	3	42	60	2
104	21X41A04A2	6	60	2	1	10	0	10	100	3	5	25	0	5	100	3	6	60	2	1	10	0	0	0	0	20	100	3	5	100	3	21	30	0
105	21X41A04A3	1	10	0	1	10	0	3	30	0	4	20	0	5	100	3	0	0	0	1	10	0	2	20	0	20	100	3	5	100	3	42	60	2
106	21X41A04A4	7	70	3	0	0	0	9	90	3	10	50	1	5	100	3	5	50	1	0	0	0	1	10	0	18	90	3	5	100	3	21	30	0
107	21X41A04A5	8	80	3	2	20	0	8	80	3	8	40	1	5	100	3	3	30	0	0	0	0	4	40	1	20	100	3	5	100	3	35	50	1
108	21X41A04A6	7	70	3	0	0	0	8	80	3	7	35	0	5	100	3	2	20	0	2	20	0	0	0	0	16	80	3	5	100	3	21	30	0
109	21X41A04A7	1	10	0	1	10	0	0	0	0	11	55	2	5	100	3		0	0		0	0		0			0	0	5	100	3	21	30	0
110	21X41A04A8	9	90	3	3	30	0	9	90	3	7	35	0	5	100	3	6	60	2	9	90	3	6	60	2	18	90	3	5	100	3	21	30	0
111	21X41A04B0	9	90	3	1	10	0	8	80	3	7	35	0	5	100	3	6	60	2	3	30	0	2	20	0	16	80	3	5	100	3	21	30	0
112	21X41A04B1	9	90	3	1	10	0	10	100	3	8	40	1	5	100	3	5	50	1	8	80	3	6	60	2	18	90	3	5	100	3	21	30	0
113	21X41A04B2	10	100	3	8	80	3	10	100	3	11	55	2	5	100	3	5	50	1	10	100	3	10	100	3	20	100	3	5	100	3	21	30	0


 PRINCIPAL

114	21X41A04B3	10	100	3	1	10	0	10	100	3	10	50	1	5	100	3	4	40	1	10	100	3	8	80	3	8	40	1	5	100	3	21	30	0
115	21X41A04B4	0	0	0	0	0	0	7	70	3	8	40	1	5	100	3	0	0	0	8	80	3	6	60	2	20	100	3	5	100	3	35	50	1
116	22X45A0408	1	10	0	0	0	0	3	30	0	5	25	0	5	100	3	0	0	0	0	0	0	0	0	0	18	90	3	5	100	3	21	30	0
117	22X45A0409	6	60	2	0	0	0	10	100	3	4	20	0	5	100	3	6	60	2	10	100	3	2	20	0	20	100	3	5	100	3	56	80	3
118	22X45A0410	10	100	3	2	20	0	10	100	3	10	50	1	5	100	3	8	80	3	9	90	3	6	60	2	20	100	3	5	100	3	49	70	3
119	22X45A0411	5	50	1	0	0	0	6	60	2	9	45	1	5	100	3	5	50	1	6	60	2	0	0	0	6	30	0	5	100	3	35	50	1
120	22X45A0412	6	60	2	1	10	0	8	80	3	5	25	0	5	100	3	5	50	1	2	20	0	0	0	0	20	100	3	5	100	3	21	30	0
121	22X45A0413	1	10	0	1	10	0	3	30	0	3	15	0	5	100	3		0	0		0	0		0	0	0	0	0	5	100	3	21	30	0
122	22X45A0414	2	20	0	0	0	0	5	50	1	4	20	0	5	100	3	1	10	0	1	10	0	0	0	0	14	70	3	5	100	3	21	30	0
123	22X45A0415	9	90	3	2	20	0	10	100	3	9	45	1	5	100	3	3	30	0	10	100	3	8	80	3	12	60	2	5	100	3	42	60	2
124	22X45A0416	0	0	0	2	20	0	3	30	0	6	30	0	5	100	3	0	0	0	0	0	0	0	0	0	16	80	3	5	100	3	21	30	0
125	22X45A0417	5	50	1	1	10	0	10	100	3	9	45	1	5	100	3	1	10	0	0	0	0	4	40	1	8	40	1	5	100	3	21	30	0
126	22X45A0418	5	50	1	2	20	0	10	100	3	3	15	0	5	100	3	0	0	0	8	80	3	2	20	0	18	90	3	5	100	3	35	50	1
127	22X45A0419	1	10	0	2	20	0	8	80	3	5	25	0	5	100	3	6	60	2	1	10	0	4	40	1	20	100	3	5	100	3	21	30	0
128	22X45A0421	3	30	0	0	0	0	10	100	3	6	30	0	5	100	3	6	60	2	6	60	2	0	0	0	20	100	3	5	100	3	35	50	1
129	22X45A0422	5	50	1	1	10	0	10	100	3	7	35	0	5	100	3	2	20	0	2	20	0	3	30	0	16	80	3	5	100	3	35	50	1
130	22X45A0423	5	50	1	8	80	3	10	100	3	9	45	1	5	100	3	0	0	0	1	10	0	2	20	0	18	90	3	5	100	3	42	60	2
131	22X45A0424	0	0	0	7	70	3	10	100	3	7	35	0	5	100	3	4	40	1	1	10	0	4	40	1	18	90	3	5	100	3	35	50	1
132	22X45A0425	6	60	2	1	10	0	10	100	3	6	30	0	5	100	3	6	60	2	0	0	0	3	30	0	18	90	3	5	100	3	42	60	2
133	22X45A0426	0	0	0	0	0	0	5	50	1	6	30	0	5	100	3	0	0	0	0	0	0	0	0	0	20	100	3	5	100	3	21	30	0
134	22X45A0427	9	90	3	1	10	0	10	100	3	6	30	0	5	100	3	6	60	2	2	20	0	5	50	1	14	70	3	5	100	3	42	60	2
135	22X45A0428	10	100	3	3	30	0	10	100	3	11	55	2	5	100	3	6	60	2	9	90	3	3	30	0	18	90	3	5	100	3	56	80	3
136	22X45A0429	5	50	1	0	0	0	10	100	3	6	30	0	5	100	3	0	0	0	0	0	0	0	0	0	20	100	3	5	100	3	35	50	1
137	20X41A0426	10	100	3	7	70	3	10	100	3	14	70	3	5	100	3	6	60	2	0	0	0	0	0	0	20	100	3	5	100	3	56	80	3
AVERAGE		6.17	62	1.8	1.63	16	0.3	7.72	77	2.38	7.21	36	0.5	5	100	3	2.9	28	0.7	3.7	36	0.9	1	28	0.7	17.7	85	2.7	5	100	3	32.4	46	1
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)		
CO WISE SUM		1.84			0.30			2.38			0.54			3			0.65			0.94			0.67			2.67			3			1		


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
#NIKEPADU, VIJAYAWADA-521 108

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS	ATTAINMENT PERCENTAGE
CO1	1.84	0.54	3	1	1.18	98.39	2.95	1.53	65	51.00
CO2	0.30	0.54	3	1	0.95	97.66	2.93	1.35	65	45.00
CO3	1.52	1.65	3	1	1.24	99.12	2.97	1.59	65	53.00
CO4	0.94	2.67	3	1	1.26	97.08	2.91	1.59	65	53.00
CO5	0.67	2.67	3	1	1.22	99.42	2.98	1.57	65	52.33


SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70


CO-PO correlation Matrix for the Subject ECA

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1: Analyze small signal high frequency transistor amplifier using BJT and FET	3	2	2	1	3								2	1		1.5
CO2: Analyze multi stage amplifiers and Differential amplifier using BJT	3	2	2	1	3								2	1		1.43
CO3: Classify different types of the feedback amplifiers using BJT and compare their analysis with performance.	3	2	2	1	3								2	1		1.56
CO4: Derive the expressions for frequency of oscillation and condition for oscillation of RC and LC oscillators	3	2	2	1	3								2	1		1.53
CO5: Classify different types of the power amplifiers and tuned amplifiers and compare their analysis with performance.	2	2	2	1	3								2	1		1.51

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
21.08	15.06	15.1	7.53	22.59	0	0	0	0	0	0	0	15.06	7.53	0
1.51	1.51	1.51	1.51	1.51								1.51	1.51	


Signature of The Faculty


Signature of The HOD


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKERAPU, VIJAYAWADA-521 108.

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTENSIONAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS	ATTAINMENT PERCENTAGE
CO1	1.84	0.54	3	1	1.18	98.39	2.95	1.53	65	51.00
CO2	0.30	0.54	3	1	0.95	97.66	2.93	1.35	65	45.00
CO3	1.52	1.65	3	1	1.24	99.12	2.97	1.59	65	53.00
CO4	0.94	2.67	3	1	1.26	97.08	2.91	1.59	65	53.00
CO5	0.67	2.67	3	1	1.22	99.42	2.98	1.57	65	52.33


SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject ECA

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1: Analyze small signal high frequency transistor amplifier using BJT and FET	3	2	2	1	3								2	1		1.5
CO2: Analyze multi stage amplifiers and Differential amplifier using BJT	3	2	2	1	3								2	1		1.43
CO3: Classify different types of the feedback amplifiers using BJT and compare their analysis with performance.	3	2	2	1	3								2	1		1.56
CO4: Derive the expressions for frequency of oscillation and condition for oscillation of RC and LC oscillators	3	2	2	1	3								2	1		1.53
CO5: Classify different types of the power amplifiers and tuned amplifiers and compare their analysis with performance.	2	2	2	1	3								2	1		1.51

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
21.08	15.06	15.1	7.53	22.59	0	0	0	0	0	0	0	15.06	7.53	0
1.51	1.51	1.51	1.51	1.51								1.51	1.51	

S. Sri Gauri


PRINCIPAL

SAK INSTITUTE OF TECHNOLOGY
 ENKAPERADU, VIJAYAWADA-521 108.



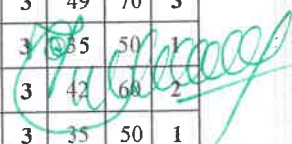
SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108
 Approved by AICTE, Affiliated to JNTUK, Kakinada
 ISO 9001:2015 Certified Institution
 Accredited with NAAC 'A' grade
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

YEAR-SEM: II-II		A.Y:2022-23						SUBJECT: DICD									FACULTY NAME : P.KOTESWARA RAO												EXTERNAL MARKS					
S.NO	ROLL NO.	MID EXAM - I																		MID EXAM - II														
		Q1			Q2			Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE						ASSIGNMENT		
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L
1	21X41A0401	1	10	0		0	0	6	60	2	7	35	0	5	100	3	7	70	3	8	80	3	8	80	3	8	40	1	5	100	3	35	50	1
2	21X41A0402	10	100	3	7	70	3	8	80	3	7	35	0	5	100	3	8	80	3	7	70	3	8	80	3	7	35	0	5	100	3	49	70	3
3	21X41A0403	2	20	0	3	30	0	8	80	3	6	30	0	5	100	3	8	80	3	0	0	0		0	0	6	30	0	5	100	3	21	30	0
4	21X41A0404		0	0		0	0	3	30	0	6	30	0	5	100	3	0	0	0		0	0		0	0	8	40	1	5	100	3	21	30	0
5	21X41A0405	4	40	1	3	30	0	6	60	2	4	20	0	5	100	3	6	60	2	7	70	3	9	90	3	7	35	0	5	100	3	35	50	1
6	21X41A0406	6	60	2	5	50	1	7	70	3	7	35	0	5	100	3	7	70	3	7	70	3	6	60	2	11	55	2	5	100	3	42	60	2
7	21X41A0407	7	70	3		0	0	8	80	3	5	25	0	5	100	3	8	80	3	7	70	3	1	10	0	12	60	2	5	100	3	35	50	1
8	21X41A0408	5	50	1	8	80	3	7	70	3	5	25	0	5	100	3	8	80	3	3	30	0	4	40	1	6	30	0	5	100	3	35	50	1
9	21X41A0409	3	30	0	1	10	0	3	30	0	7	35	0	5	100	3	9	90	3	7	70	3	2	20	0	5	25	0	5	100	3	35	50	1
10	21X41A0410	7	70	3	6	60	2	9	90	3	6	30	0	5	100	3	9	90	3	9	90	3	8	80	3	11	55	2	5	100	3	21	30	0
11	21X41A0411	6	60	2	6	60	2	4	40	1	4	20	0	5	100	3	8	80	3	7	70	3	4	40	1	14	70	3	5	100	3	42	60	2
12	21X41A0412	8	80	3	8	80	3	8	80	3	7	35	0	5	100	3	9	90	3	7	70	3		0	0	9	45	1	5	100	3	35	50	1
13	21X41A0413	9	90	3		0	0	8	80	3	6	30	0	5	100	3	10	100	3	9	90	3		0	0	12	60	2	5	100	3	21	30	0
14	21X41A0414	9	90	3	8	80	3	7	70	3	6	30	0	5	100	3	8	80	3	7	70	3	9	90	3	8	40	1	5	100	3	49	70	3
15	21X41A0415	10	100	3	9	90	3	8	80	3	5	25	0	5	100	3	10	100	3	10	100	3	9	90	3	8	40	1	5	100	3	42	60	2
16	21X41A0416	8	80	3	0	0	0	7	70	3	8	40	1	5	100	3	8	80	3	7	70	3	3	30	0	8	40	1	5	100	3	42	60	2
17	21X41A0417	5	50	1	0	0	0	4	40	1	6	30	0	5	100	3	6	60	2	4	40	1	2	20	0	10	50	1	5	100	3	35	50	1
18	21X41A0418	10	100	3	8	80	3	9	90	3	7	35	0	5	100	3	9	90	3	8	80	3	9	90	3	8	40	1	5	100	3	56	80	3
19	21X41A0419	10	100	3	10	100	3	9	90	3	5	25	0	5	100	3	10	100	3	10	100	3	9	90	3	8	40	1	5	100	3	56	80	3
20	21X41A0420	3	30	0		0	0	5	50	1	13	65	2	5	100	3	7	70	3	8	80	3		0	0	4	20	0	5	100	3	21	30	0
21	21X41A0421	8	80	3	7	70	3	7	70	3	6	30	0	5	100	3	8	80	3	7	70	3		0	0	7	35	0	5	100	3	21	30	0
22	21X41A0422	9	90	3	5	50	1	6	60	2	8	40	1	5	100	3	8	80	3	7	70	3	5	50	1	9	45	1	5	100	3	35	50	1
23	21X41A0423	0	0	0		0	0		0	0	4	20	0	5	100	3		0	0	1	10	0		0	0	10	50	1	5	100	3	21	30	0

SRK INSTITUTE OF TECHNOLOGY
 ENIKEPADU, VIJAYAWADA-521 108.

24	21X41A0424	6	60	2	1	10	0	5	50	1	7	35	0	5	100	3	8	80	3	6	60	2	5	50	1	8	40	1	5	100	3	35	50	1
25	21X41A0425	7	70	3	1	10	0	7	70	3	5	25	0	5	100	3	8	80	3	8	80	3	5	50	1	8	40	1	5	100	3	42	60	2
26	21X41A0426	9	90	3		0	0	4	40	1	9	45	1	5	100	3	8	80	3	9	90	3		0	0	11	55	2	5	100	3	42	60	2
27	21X41A0427	9	90	3	7	70	3	9	90	3	6	30	0	5	100	3	10	100	3	9	90	3	5	50	1	8	40	1	5	100	3	49	70	3
28	21X41A0428	5	50	1	3	30	0	9	90	3	6	30	0	5	100	3	7	70	3	8	80	3	6	60	2	10	50	1	5	100	3	42	60	2
29	21X41A0430	4	40	1	7	70	3	8	80	3	6	30	0	5	100	3	8	80	3	8	80	3	6	60	2	5	25	0	5	100	3	21	30	0
30	21X41A0431	9	90	3	8	80	3	9	90	3	6	30	0	5	100	3	9	90	3	8	80	3	7	70	3	9	45	1	5	100	3	56	80	3
31	21X41A0432	9	90	3	7	70	3	5	50	1	7	35	0	5	100	3	8	80	3	7	70	3	1	10	0	6	30	0	5	100	3	35	50	1
32	21X41A0433	8	80	3	7	70	3	9	90	3	10	50	1	5	100	3	9	90	3	8	80	3	9	90	3	11	55	2	5	100	3	42	60	2
33	21X41A0434	8	80	3	5	50	1	9	90	3	1	5	0	5	100	3		0	0	8	80	3	6	60	2	12	60	2	5	100	3	21	30	0
34	21X41A0435	6	60	2	5	50	1	7	70	3	9	45	1	5	100	3	8	80	3	8	80	3	8	80	3	10	50	1	5	100	3	42	60	2
35	21X41A0436	5	50	1	7	70	3	8	80	3	5	25	0	5	100	3	8	80	3	8	80	3		0	0	5	25	0	5	100	3	21	30	0
36	21X41A0437	10	100	3	8	80	3	8	80	3	5	25	0	5	100	3	8	80	3	7	70	3	3	30	0	9	45	1	5	100	3	35	50	1
37	21X41A0438	10	100	3	0	0	0	7	70	3	7	35	0	5	100	3	8	80	3	2	20	0		0	0	9	45	1	5	100	3	21	30	0
38	21X41A0439	10	100	3	3	30	0	6	60	2	5	25	0	5	100	3	1	10	0		0	0	1	10	0	5	25	0	5	100	3	21	30	0
39	21X41A0440	8	80	3		0	0	9	90	3	7	35	0	5	100	3	3	30	0		0	0		0	0	12	60	2	5	100	3	35	50	1
40	21X41A0441	2	20	0	9	90	3	8	80	3	6	30	0	5	100	3	8	80	3	0	0	0		0	0	11	55	2	5	100	3	21	30	0
41	21X41A0442	5	50	1	1	10	0	7	70	3	6	30	0	5	100	3	8	80	3	9	90	3	3	30	0	8	40	1	5	100	3	35	50	1
42	21X41A0443	5	50	1	7	70	3	1	10	0	6	30	0	5	100	3	8	80	3	8	80	3		0	0	7	35	0	5	100	3	21	30	0
43	21X41A0445	4	40	1	7	70	3	9	90	3	3	15	0	5	100	3	7	70	3	8	80	3	5	50	1	7	35	0	5	100	3	21	30	0
44	21X41A0446	9	90	3	9	90	3	7	70	3	5	25	0	5	100	3	8	80	3	8	80	3	7	70	3	12	60	2	5	100	3	42	60	2
45	21X41A0447	9	90	3	8	80	3	6	60	2	4	20	0	5	100	3	7	70	3	7	70	3	3	30	0	4	20	0	5	100	3	21	30	0
46	21X41A0448	10	100	3	6	60	2	9	90	3	7	35	0	5	100	3	9	90	3	9	90	3	2	20	0	5	25	0	5	100	3	42	60	2
47	21X41A0449	10	100	3	8	80	3	8	80	3	11	55	2	5	100	3	10	100	3	10	100	3	6	60	2	12	60	2	5	100	3	56	80	3
48	21X41A0450	10	100	3	8	80	3	5	50	1	6	30	0	5	100	3	9	90	3	9	90	3	9	90	3	2	10	0	5	100	3	49	70	3
49	21X41A0451	0	0	0	1	10	0	3	30	0	2	10	0	5	100	3	1	10	0	0	0	0		0	0	3	15	0	5	100	3	21	30	0
50	21X41A0453	4	40	1	6	60	2	8	80	3	8	40	1	5	100	3	8	80	3	8	80	3	4	40	1	11	55	2	5	100	3	49	70	3
51	21X41A0454	4	40	1		0	0	8	80	3	7	35	0	5	100	3	7	70	3	7	70	3	1	10	0	5	25	0	5	100	3	42	60	2
52	21X41A0455	9	90	3	8	80	3	9	90	3	6	30	0	5	100	3	8	80	3	8	80	3	5	50	1	4	20	0	5	100	3	42	60	2
53	21X41A0456	4	40	1	6	60	2	4	40	1	3	15	0	5	100	3	7	70	3	4	40	1	2	20	0	9	45	1	5	100	3	35	50	1


 PRINCIPAL
 SRK INSTITUTE OF TECHNOLOGY
 ENKEPADU, VIJAYAWADA-521 108.

54	21X41A0457	5	50	1	7	70	3	6	60	2	9	45	1	5	100	3	9	90	3	5	50	1	4	40	1	6	30	0	5	100	3	49	70	3
55	21X41A0458	6	60	2	5	50	1	5	50	1	6	30	0	5	100	3	6	60	2	7	70	3	2	20	0	8	40	1	5	100	3	21	30	0
56	21X41A0459	7	70	3	6	60	2	7	70	3	6	30	0	5	100	3	10	100	3	8	80	3	1	10	0	7	35	0	5	100	3	35	50	1
57	21X41A0460	7	70	3	9	90	3	9	90	3	6	30	0	5	100	3	7	70	3	6	60	2	5	50	1	9	45	1	5	100	3	42	60	2
58	21X41A0461	10	100	3	7	70	3	9	90	3	8	40	1	5	100	3	8	80	3	9	90	3	6	60	2	11	55	2	5	100	3	49	70	3
59	21X41A0462	10	100	3	9	90	3	8	80	3	5	25	0	5	100	3	10	100	3	9	90	3	10	100	3	2	10	0	5	100	3	42	60	2
60	21X41A0463	10	100	3	1	10	0	9	90	3	6	30	0	5	100	3	9	90	3	7	70	3	7	70	3	10	50	1	5	100	3	56	80	3
61	21X41A0464	6	60	2	6	60	2	8	80	3	6	30	0	5	100	3	8	80	3	6	60	2	6	60	2	4	20	0	5	100	3	35	50	1
62	22X45A0401	8	80	3	9	90	3	10	100	3	10	50	1	5	100	3	9	90	3	8	80	3	9	90	3	12	60	2	5	100	3	42	60	2
63	22X45A0402	7	70	3	4	40	1	9	90	3	5	25	0	5	100	3	8	80	3	7	70	3	4	40	1	7	35	0	5	100	3	35	50	1
64	22X45A0403	9	90	3	4	40	1	6	60	2	7	35	0	5	100	3	9	90	3	5	50	1	5	50	1	11	55	2	5	100	3	42	60	2
65	22X45A0404	10	100	3	9	90	3	10	100	3	6	30	0	5	100	3	9	90	3	10	100	3	10	100	3	6	30	0	5	100	3	49	70	3
66	22X45A0405	9	90	3	9	90	3	10	100	3	6	30	0	5	100	3	9	90	3	5	50	1	4	40	1	9	45	1	5	100	3	35	50	1
67	22X45A0406	7	70	3	4	40	1	7	70	3	11	55	2	5	100	3	8	80	3	2	20	0	0	0	7	35	0	5	100	3	35	50	1	
68	22X45A0407	10	100	3	6	60	2	8	80	3	6	30	0	5	100	3	9	90	3	8	80	3	8	80	3	9	45	1	5	100	3	49	70	3
69	21X41A0465	4	40	1	0	0	0	3	30	0	6	30	0	5	100	3	10	100	3	8	80	3	7	70	3	14	70	3	5	100	3	21	30	0
70	21X41A0466	0	0	0	0	0	0	2	20	0	4	20	0	5	100	3	0	0	0	0	0	0	0	0	4	20	0	5	100	3	21	30	0	
71	21X41A0467	4	40	1	1	10	0	3	30	0	8	40	1	5	100	3	9	90	3	0	0	0	0	7	35	0	5	100	3	21	30	0		
72	21X41A0468	4	40	1	7	70	3	7	70	3	10	50	1	5	100	3	10	100	3	4	40	1	3	30	0	6	30	0	5	100	3	21	30	0
73	21X41A0469	3	30	0	3	30	0	4	40	1	6	30	0	5	100	3	7	70	3	3	30	0	7	70	3	3	15	0	5	100	3	35	50	1
74	21X41A0470	7	70	3	10	100	3	9	90	3	7	35	0	5	100	3	10	100	3	10	100	3	10	100	3	7	35	0	5	100	3	56	80	3
75	21X41A0471	2	20	0	10	100	3	7	70	3	3	15	0	5	100	3	9	90	3	4	40	1	8	80	3	5	25	0	5	100	3	21	30	0
76	21X41A0472	7	70	3	4	40	1	6	60	2	1	5	0	5	100	3	10	100	3	9	90	3	0	0	2	10	0	5	100	3	35	50	1	
77	21X41A0474	9	90	3	7	70	3	7	70	3	3	15	0	5	100	3	10	100	3	7	70	3	4	40	1	5	25	0	5	100	3	49	70	3
78	21X41A0475	8	80	3	0	0	0	8	80	3	3	15	0	5	100	3	10	100	3	9	90	3	0	0	4	20	0	5	100	3	21	30	0	
79	21X41A0476	0	0	0	0	0	0	2	20	0	9	45	1	5	100	3	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	21	30	0
80	21X41A0477	9	90	3	7	70	3	8	80	3	6	30	0	5	100	3	10	100	3	9	90	3	10	100	3	5	25	0	5	100	3	42	60	2
81	21X41A0478	3	30	0	0	0	0	3	30	0	6	30	0	5	100	3	3	30	0	4	40	1	0	0	4	20	0	5	100	3	21	30	0	
82	21X41A0479	2	20	0	3	30	0	9	90	3	6	30	0	5	100	3	10	100	3	5	50	1	0	0	5	25	0	5	100	3	35	50	1	
83	21X41A0480	7	70	3	0	0	0	7	70	3	7	35	0	5	100	3	10	100	3	5	50	1	8	80	3	9	45	1	5	100	3	42	60	2

PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY
 ENIKEPADU, VIJAYAWADA-521 108.

84	21X41A0482	8	80	3		0	0	7	70	3	5	25	0	5	100	3	10	100	3	8	80	3	9	90	3	3	15	0	5	100	3	21	30	0	
85	21X41A0483	9	90	3	10	100	3	7	70	3	7	35	0	5	100	3	10	100	3	10	100	3	9	90	3	5	25	0	5	100	3	49	70	3	
86	21X41A0484	2	20	0		0	0	9	90	3	10	50	1	5	100	3	9	90	3		0	0	10	100	3	4	20	0	5	100	3	35	50	1	
87	21X41A0485	3	30	0		0	0	3	30	0	9	45	1	5	100	3	8	80	3		0	0	9	90	3	5	25	0	5	100	3	21	30	0	
88	21X41A0486		0	0		0	0		0	0	7	35	0	5	100	3	9	90	3	7	70	3	3	30	0	6	30	0	5	100	3	35	50	1	
89	21X41A0487	9	90	3		0	0	6	60	2	4	20	0	5	100	3	9	90	3	6	60	2	8	80	3	5	25	0	5	100	3	42	60	2	
90	21X41A0488		0	0		0	0	5	50	1	4	20	0	5	100	3		0	0		0	0	3	30	0	8	40	1	5	100	3	21	30	0	
91	21X41A0489	0	0	0		0	0		0	0	5	25	0	5	100	3		0	0		0	0	4	40	1	7	35	0	5	100	3	21	30	0	
92	21X41A0490	7	70	3	6	60	2	6	60	2	4	20	0	5	100	3	0	0	0	0	0	0	0	0	0	9	45	1	5	100	3	21	30	0	
93	21X41A0491		0	0		0	0	3	30	0	4	20	0	5	100	3	0	0	0	1	10	0	0	0	0	10	50	1	5	100	3	21	30	0	
94	21X41A0492	9	90	3	8	80	3	8	80	3	4	20	0	5	100	3	9	90	3	7	70	3	9	90	3	3	15	0	5	100	3	56	80	3	
95	21X41A0493	3	30	0		0	0	9	90	3	9	45	1	5	100	3	10	100	3	6	60	2	9	90	3	7	35	0	5	100	3	21	30	0	
96	21X41A0494	1	10	0	2	20	0	8	80	3	2	10	0	5	100	3	7	70	3	1	10	0	5	50	1	8	40	1	5	100	3	35	50	1	
97	21X41A0495	9	90	3	9	90	3	7	70	3	9	45	1	5	100	3	10	100	3	7	70	3	8	80	3	8	40	1	5	100	3	56	80	3	
98	21X41A0496	2	20	0	2	20	0	4	40	1	5	25	0	5	100	3	7	70	3	1	10	0	1	10	0	8	40	1	5	100	3	21	30	0	
99	21X41A0497	9	90	3	1	10	0	8	80	3	7	35	0	5	100	3	10	100	3	8	80	3	5	50	1	6	30	0	5	100	3	42	60	2	
100	21X41A0498	8	80	3		0	0	10	100	3	5	25	0	5	100	3	10	100	3	8	80	3	9	90	3	5	25	0	5	100	3	21	30	0	
101	21X41A0499	8	80	3		0	0	8	80	3	5	25	0	5	100	3	9	90	3	7	70	3	9	90	3	10	50	1	5	100	3	42	60	2	
102	21X41A04A0	3	30	0		0	0	5	50	1	5	25	0	5	100	3	5	50	1	6	60	2		0	0	10	50	1	5	100	3	21	30	0	
103	21X41A04A1	4	40	1	1	10	0	6	60	2	1	5	0	5	100	3	9	90	3	2	20	0	2	20	0	8	40	1	5	100	3	42	60	2	
104	21X41A04A2		0	0	6	60	2	7	70	3	7	35	0	5	100	3	7	70	3		0	0	9	90	3	6	30	0	5	100	3	35	50	1	
105	21X41A04A3	4	40	1	2	20	0	5	50	1	6	30	0	5	100	3	9	90	3	7	70	3	9	90	3	10	50	1	5	100	3	42	60	2	
106	21X41A04A4		0	0		0	0	3	30	0	5	25	0	5	100	3	9	90	3	8	80	3	0	0	0	6	30	0	5	100	3	35	50	1	
107	21X41A04A5		0	0		0	0	6	60	2	1	5	0	5	100	3	10	100	3	9	90	3	0	0	0	4	20	0	5	100	3	21	30	0	
108	21X41A04A6	9	90	3		0	0	8	80	3	9	45	1	5	100	3	7	70	3	4	40	1	0	0	0	8	40	1	5	100	3	21	30	0	
109	21X41A04A7		0	0	1	10	0		0	0	9	45	1	5	100	3	0	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	21	30	0
110	21X41A04A8		0	0	2	20	0	7	70	3	8	40	1	5	100	3	7	70	3	5	50	1	9	90	3	5	25	0	5	100	3	42	60	2	
111	21X41A04B0	3	30	0	1	10	0	6	60	2	3	15	0	5	100	3	9	90	3	9	90	3	1	10	0	8	40	1	5	100	3	35	50	1	
112	21X41A04B1		0	0		0	0	4	40	1	5	25	0	5	100	3	5	50	1		0	0		0	0	5	25	0	5	100	3	21	30	0	
113	21X41A04B2	6	60	2	5	50	1	5	50	1	6	30	0	5	100	3	5	50	1	5	50	1	1	10	0	6	30	0	5	100	3	35	50	1	

SRK INSTITUTE OF TECHNOLOGY
 ENKERAOU, VIJAYAWADA-521 104
 PRINCIPAL
 21 30 0
 35 50 1

114	21X41A04B3	4	40	1	4	40	1	6	60	2	8	40	1	5	100	3	10	100	3	10	100	3	1	10	0	9	45	1	5	100	3	42	60	2
115	21X41A04B4	3	30	0	7	70	3	7	70	3	5	25	0	5	100	3	7	70	3	8	80	3	8	80	3	10	50	1	5	100	3	21	30	0
116	22X45A0408		0	0		0	0	7	70	3	4	20	0	5	100	3	0	0	0		0	0		0	0	4	20	0	5	100	3	21	30	0
117	22X45A0409	8	80	3	7	70	3	8	80	3	7	35	0	5	100	3	10	100	3	8	80	3	9	90	3	7	35	0	5	100	3	42	60	2
118	22X45A0410	10	100	3	9	90	3	8	80	3	6	30	0	5	100	3	9	90	3	8	80	3	8	80	3	7	35	0	5	100	3	49	70	3
119	22X45A0411	8	80	3	7	70	3	8	80	3	7	35	0	5	100	3	9	90	3	8	80	3	8	80	3	7	35	0	5	100	3	42	60	2
120	22X45A0412	6	60	2	6	60	2	6	60	2	6	30	0	5	100	3	9	90	3	7	70	3	9	90	3	4	20	0	5	100	3	35	50	1
121	22X45A0413	2	20	0		0	0	4	40	1	3	15	0	5	100	3	7	70	3		0	0		0	0	8	40	1	5	100	3	21	30	0
122	22X45A0414	6	60	2	1	10	0	9	90	3	4	20	0	5	100	3	9	90	3	2	20	0	2	20	0	7	35	0	5	100	3	21	30	0
123	22X45A0415	10	100	3	6	60	2	7	70	3	9	45	1	5	100	3	9	90	3	8	80	3	9	90	3	7	35	0	5	100	3	49	70	3
124	22X45A0416	2	20	0	1	10	0	5	50	1	5	25	0	5	100	3	4	40	1	4	40	1	7	70	3	8	40	1	5	100	3	21	30	0
125	22X45A0417	4	40	1	3	30	0	6	60	2	4	20	0	5	100	3	8	80	3	8	80	3	1	10	0	5	25	0	5	100	3	35	50	1
126	22X45A0418	6	60	2		0	0	5	50	1	6	30	0	5	100	3	8	80	3	9	90	3	2	20	0	10	50	1	5	100	3	21	30	0
127	22X45A0419	3	30	0		0	0	8	80	3	3	15	0	5	100	3	10	100	3		0	0	5	50	1	9	45	1	5	100	3	35	50	1
128	22X45A0421	8	80	3	6	60	2	4	40	1	5	25	0	5	100	3	9	90	3	5	50	1	7	70	3	7	35	0	5	100	3	35	50	1
129	22X45A0422	2	20	0	7	70	3	7	70	3	7	35	0	5	100	3	10	100	3	5	50	1	6	60	2	8	40	1	5	100	3	35	50	1
130	22X45A0423	8	80	3	7	70	3	6	60	2	6	30	0	5	100	3	9	90	3	7	70	3	7	70	3	8	40	1	5	100	3	42	60	2
131	22X45A0424	6	60	2	7	70	3	7	70	3	8	40	1	5	100	3	9	90	3	4	40	1	4	40	1	4	20	0	5	100	3	42	60	2
132	22X45A0425	6	60	2	7	70	3	8	80	3	5	25	0	5	100	3	9	90	3	7	70	3	7	70	3	4	20	0	5	100	3	35	50	1
133	22X45A0426	3	30	0	2	20	0	6	60	2	4	20	0	5	100	3	0	0	0	4	40	1	1	10	0	5	25	0	5	100	3	21	30	0
134	22X45A0427	8	80	3	7	70	3	7	70	3	5	25	0	5	100	3	10	100	3	7	70	3	6	60	2	7	35	0	5	100	3	42	60	2
135	22X45A0428	9	90	3	9	90	3	8	80	3	6	30	0	5	100	3	10	100	3	9	90	3	10	100	3	5	25	0	5	100	3	56	80	3
136	22X45A0429	9	90	3	9	90	3	8	80	3	2	10	0	5	100	3	10	100	3	7	70	3	2	20	0	8	40	1	5	100	3	35	50	1
137	20X41A0426	10	100	3	9	90	3	8	80	3	8	40	1	5	100	3	9	90	3	7	70	3	9	90	3	7	35	0	5	100	3	49	70	3
AVERAGE		6.41	58	1.8	5.6	42	1.36	6.74	65	2.23	5.96	29.8	0.2	5	100	3	7.85	76	2.6	6.5	58	2	5.5	45	1.4	7.23	36	0.6	5	100	3	34.5	49	1.2
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)		
CO WISE SUM		1.79			1.36			2.23			0.21			3			2.57			2.04			1.35			0.61			3			1.21		

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKERAPU, VIJAYAWADA-521 108.

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS	ATTAINMENT PERCENTAGE
CO1	1.79	0.21	3	1.21	1.29	98.77	2.96	1.62	65	54.00
CO2	1.36	0.21	3	1.21	1.22	97.54	2.93	1.56	65	52.00
CO3	2.4	0.41	3	1.21	1.4	98	2.94	1.71	65	57.00
CO4	2.04	0.61	3	1.21	1.36	97.69	2.93	1.67	65	55.67
CO5	1.35	0.61	3	1.21	1.26	98.62	2.96	1.6	65	53.33

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject DICD

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1: Develop digital systems at various levels of abstractions using Hardware Description Languages (VHDL and Verilog).	3	2		2	2						2				3	1.62
CO2: Design various combinational logic circuits through HDL models.	3	2		3	3						2				3	1.56
CO3: Develop various sequential logic circuits through HDL models.	2	3		3	2						2				3	1.71
CO4: Construct and verify the functionality of various combinational MOS logic circuits.	3	3		3	3						2				3	1.67
CO5: Implement and verify the functionality of various sequential MOS logic circuits.	2	3		3	3						2				3	1.6

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
21.17	21.3	0	22.86	21.15	0	0	0	0	0	16.32	0	0	0	24.48
1.63	1.64	0	1.63	1.63	0	0	0	0	0	1.63	0	0	0	1.63

SRK INSTITUTE OF TECHNOLOGY
ENIKERAPU, VJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108
 Approved by AICTE, Affiliated to JNTUK, Kakinada
 ISO 9001:2015 Certified Institution
 Accredited with NAAC 'A' grade

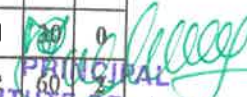
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSO

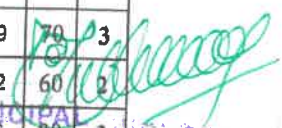
YEAR-SEM: II-II		A.Y:2022-23									SUBJECT: AC									FACULTY NAME : N. KALAVATHI									EXTERNAL MARKS					
S.NO.	ROLL NO.	MID EXAM - I									MID EXAM - II																							
		Q1			Q2			Q3			ONLINE			ASSIGNMEN			Q1			Q2			Q3			ONLINE						ASSIGNMENT		
Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Mark	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L					
1	21X41A0401	3	30	0	6	60	2	7	70	3	10	50	1	5	100	3	8	80	3	0	0	0	0	0	0	17	85	3	5	100	3	35	50	1
2	21X41A0402	9	90	3	5	50	1	8	80	3	12	60	2	5	100	3	5	50	1	8	80	3	3	30	0	20	100	3	5	100	3	21	30	0
3	21X41A0403	5	50	1	6	60	2	8	80	3	10	50	1	5	100	3	3	30	0	0	0	0	0	0	19	95	3	5	100	3	21	30	0	
4	21X41A0404	0	0	0	0	0	0	0	0	0	11	55	2	5	100	3	0	0	0	0	0	0	0	0	20	100	3	5	100	3	21	30	0	
5	21X41A0405	7	70	3	2	20	0	9	90	3	16	80	3	5	100	3	2	20	0	0	0	0	9	90	3	19	95	3	5	100	3	21	30	0
6	21X41A0406	9	90	3	7	70	3	9	90	3	12	60	2	5	100	3	4	40	1	0	0	0	9	90	3	19	95	3	5	100	3	35	50	1
7	21X41A0407	6	60	2	5	50	1	2	20	0	8	40	1	5	100	3	6	60	2	6	60	2	0	0	0	19	95	3	5	100	3	35	50	1
8	21X41A0408	6	60	2	5	50	1	8	80	3	11	55	2	5	100	3	7	70	3	4	40	1	2	20	0	20	100	3	5	100	3	21	30	0
9	21X41A0409	4	40	1	4	40	1	3	30	0	11	55	2	5	100	3	0	0	0	0	0	0	0	0	20	100	3	5	100	3	42	60	2	
10	21X41A0410	5	50	1	10	100	3	0	0	0	9	45	1	5	100	3	10	100	3	5	50	1	10	100	3	18	90	3	5	100	3	35	50	1
11	21X41A0411	8	80	3	6	60	2	9	90	3	9	45	1	5	100	3	8	80	3	0	0	0	3	30	0	19	95	3	5	100	3	21	30	0
12	21X41A0412	8	80	3	5	50	1	9	90	3	9	45	1	5	100	3	7	70	3	0	0	0	0	0	0	20	100	3	5	100	3	35	50	1
13	21X41A0413	5	50	1	6	60	2	9	90	3	16	80	3	5	100	3	7	70	3	0	0	0	0	0	0	19	95	3	5	100	3	35	50	1
14	21X41A0414	7	70	3	6	60	2	9	90	3	6	30	0	5	100	3	8	80	3	9	90	3	8	80	3	18	90	3	5	100	3	49	70	3
15	21X41A0415	9	90	3	10	100	3	9	90	3	4	20	0	5	100	3	8	80	3	9	90	3	9	90	3	19	95	3	5	100	3	49	70	3
16	21X41A0416	8	80	3	10	100	3	7	70	3	12	60	2	5	100	3	5	50	1	7	70	3	9	90	3	20	100	3	5	100	3	42	60	2
17	21X41A0417										12	60	2	5	100	3	6	60	2	6	60	2	0	0	0	20	100	3	5	100	3	35	50	1
18	21X41A0418	10	100	3	10	100	3	9	90	3	10	50	1	5	100	3	9	90	3	9	90	3	9	90	3	18	90	3	5	100	3	56	80	3
19	21X41A0419	10	100	3	10	100	3	9	90	3	10	50	1	5	100	3	9	90	3	9	90	3	10	100	3	20	100	3	5	100	3	56	80	3
20	21X41A0420	3	30	0	6	60	2	5	50	1	15	75	3	5	100	3	3	30	0	1	10	0	0	0	0	20	100	3	5	100	3	35	50	1
21	21X41A0421	6	60	2	6	60	2	8	80	3	8	40	1	5	100	3	2	20	0	0	0	0	1	10	0	20	100	3	5	100	3	21	30	0
22	21X41A0422	9	90	3	6	60	2	7	70	3	12	60	2	5	100	3	9	90	3	7	70	3	10	100	3	19	95	3	5	100	3	42	60	2
23	21X41A0423	0	0	0	0	0	0	0	0	0	11	55	2	5	100	3	0	0	0	0	0	0	0	0	0	20	100	3	5	100	3	21	30	0

PRINCIPAL
 SRK INSTITUTE OF TECHNOLOGY
 ENIKEPADU, VIJAYAWADA - 521108

54	21X41A0457	4	40	1	8	80	3	6	60	2	5	75	3	5	100	3	8	80	3	10	100	3	8	80	3	20	100	3	5	100	3	49	70	3
55	21X41A0458	1	10	0	1	10	0	1	10	0	11	55	2	5	100	3	8	80	3	8	80	3	0	0	0	18	90	3	5	100	3	21	30	0
56	21X41A0459	9	90	3	3	30	0	6	60	2	7	35	0	5	100	3	8	80	3	8	80	3	0	0	0	20	100	3	5	100	3	35	50	1
57	21X41A0460	10	100	3	10	100	3	7	70	3	9	45	1	5	100	3	10	100	3	5	50	1	9	90	3	20	100	3	5	100	3	42	60	2
58	21X41A0461	9	90	3	3	30	0	7	70	3	8	40	1	5	100	3	4	40	1	5	50	1	2	20	0	20	100	3	5	100	3	42	60	2
59	21X41A0462	10	100	3	10	100	3	7	70	3	5	25	0	5	100	3	10	100	3	10	100	3	3	30	0	17	85	3	5	100	3	42	60	2
60	21X41A0463	10	100	3	9	90	3	6	60	2	10	50	1	5	100	3	10	100	3	9	90	3	10	100	3	20	100	3	5	100	3	56	80	3
61	21X41A0464	9	90	3	6	60	2	9	90	3	3	15	0	5	100	3	10	100	3	8	80	3	4	40	1	19	95	3	5	100	3	42	60	2
62	21X41A0465	8	80	3	1	10	0	6	60	2	12	60	2	5	100	3	5	50	1	3	30	0	2	20	0	19	95	3	5	100	3	21	30	0
63	21X41A0466	4	40	1	0	0	0	4	40	1	11	55	2	5	100	3		0	0		0	0		0	0	0	0	0	5	100	3	21	30	0
64	21X41A0467	0	0	0	6	60	2	2	20	0	8	40	1	5	100	3	2	20	0	0	0	0	0	0	0	19	95	3	5	100	3	21	30	0
65	21X41A0468	0	0	0	4	40	1	7	70	3	9	45	1	5	100	3	5	50	1	3	30	0	0	0	0	19	95	3	5	100	3	21	30	0
66	21X41A0469	3	30	0	3	30	0	6	60	2	6	30	0	5	100	3	4	40	1	2	20	0	2	20	0	20	100	3	5	100	3	35	50	1
67	21X41A0470	10	100	3	10	100	3	9	90	3	7	35	0	5	100	3	7	70	3	4	40	1	10	100	3	11	55	2	5	100	3	49	70	3
68	21X41A0471	0	0	0	4	40	1	4	40	1	8	40	1	5	100	3	5	50	1	0	0	0	10	100	3	19	95	3	5	100	3	35	50	1
69	21X41A0472	6	60	2	9	90	3	8	80	3	7	35	0	5	100	3	5	50	1	2	20	0	0	0	0	5	25	0	5	100	3	35	50	1
70	21X41A0474	10	100	3	10	100	3	6	60	2	8	40	1	5	100	3	6	60	2	4	40	1	0	0	0	19	95	3	5	100	3	35	50	1
71	21X41A0475	4	40	1	2	20	0	7	70	3	13	65	2	5	100	3	3	30	0	2	20	0	0	0	0	20	100	3	5	100	3	21	30	0
72	21X41A0476	2	20	0	0	0	0	5	50	1	3	15	0	5	100	3		0	0		0	0		0	0	0	0	5	100	3	21	30	0	
73	21X41A0477	10	100	3	8	80	3	6	60	2	5	25	0	5	100	3	9	90	3	2	20	0	2	20	0	8	40	1	5	100	3	42	60	2
74	21X41A0478	4	40	1	2	20	0	2	20	0	10	50	1	5	100	3	8	80	3	0	0	0	0	0	0	20	100	3	5	100	3	21	30	0
75	21X41A0479	8	80	3	7	70	3	4	40	1	7	35	0	5	100	3	9	90	3	9	90	3	6	60	2	18	90	3	5	100	3	35	50	1
76	21X41A0480	10	100	3	5	50	1	7	70	3	8	40	1	5	100	3	7	70	3	0	0	0	9	90	3	19	95	3	5	100	3	21	30	0
77	21X41A0482	9	90	3	5	50	1	8	80	3	10	50	1	5	100	3	3	30	0	5	50	1	3	30	0	19	95	3	5	100	3	21	30	0
78	21X41A0483	6	60	2	8	80	3	7	70	3	13	65	2	5	100	3	9	90	3	3	30	0	0	0	0	19	95	3	5	100	3	21	30	0
79	21X41A0484	10	100	3	0	0	0	8	80	3	9	45	1	5	100	3	4	40	1	4	40	1	0	0	0	19	95	3	5	100	3	21	30	0
80	21X41A0485	7	70	3	0	0	0	8	80	3	8	40	1	5	100	3	0	0	0	0	0	0	7	70	3	19	95	3	5	100	3	21	30	0
81	21X41A0486	10	100	3	8	80	3	7	70	3	9	45	1	5	100	3	10	100	3	2	20	0	6	60	2	7	35	0	5	100	3	42	60	2
82	21X41A0487	10	100	3	7	70	3	8	80	3	9	45	1	5	100	3	10	100	3	5	50	1	10	100	3	19	95	3	5	100	3	49	70	3
83	21X41A0488	0	0	0	0	0	0	6	60	2	10	50	1	5	100	3	6	60	2	0	0	0	0	0	0	18	90	3	5	100	3	21	30	0


 PRINCIPAL
 SRK INSTITUTE OF TECHNOLOGY
 SRK CAMPUS, VIJAYAWADA-521 101

84	21X41A0489	0	0	0	2	20	0	0	0	0	45	1	5	100	3	0	0	0	4	40	1	0	0	0	17	85	3	5	100	3	21	30	0	
85	21X41A0490	10	100	3	8	80	3	8	80	3	4	20	0	5	100	3	8	80	3	4	40	1	5	50	1	5	25	0	5	100	3	35	50	1
86	21X41A0491	4	40	1	2	20	0	8	80	3	1	5	0	5	100	3	8	80	3	5	50	1	1	10	0	20	100	3	5	100	3	0	0	0
87	21X41A0492	10	100	3	10	100	3	7	70	3	17	85	3	5	100	3	8	80	3	4	40	1	10	100	3	19	95	3	5	100	3	42	60	2
88	21X41A0493	8	80	3	2	20	0	7	70	3	15	75	3	5	100	3	2	20	0	1	10	0	0	0	0	18	90	3	5	100	3	21	30	0
89	21X41A0494	7	70	3	5	50	1	2	20	0	11	55	2	5	100	3	6	60	2	0	0	0	1	10	0	19	95	3	5	100	3	21	30	0
90	21X41A0495	10	100	3	10	100	3	9	90	3	9	45	1	5	100	3	10	100	3	2	20	0	2	20	0	20	100	3	5	100	3	49	70	3
91	21X41A0496	5	50	1	3	30	0	4	40	1	5	25	0	5	100	3	10	100	3	4	40	1	3	30	0	13	65	2	5	100	3	21	30	0
92	21X41A0497	10	100	3	10	100	3	8	80	3	15	75	3	5	100	3	10	100	3	8	80	3	0	0	0	17	85	3	5	100	3	49	70	3
93	21X41A0498	9	90	3	9	90	3	8	80	3	13	65	2	5	100	3	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	35	50	1
94	21X41A0499	10	100	3	5	50	1	8	80	3	13	65	2	5	100	3	9	90	3	5	50	1	0	0	0	20	100	3	5	100	3	21	30	0
95	21X41A04A0	8	80	3	3	30	0	7	70	3	8	40	1	5	100	3	6	60	2	2	20	0	0	0	0	18	90	3	5	100	3	21	30	0
96	21X41A04A1	8	80	3	9	90	3	8	80	3	7	35	0	5	100	3	10	100	3	8	80	3	2	20	0	18	90	3	5	100	3	42	60	2
97	21X41A04A2	6	60	2	7	70	3	6	60	2	9	45	1	5	100	3	6	60	2	5	50	1	0	0	0	18	90	3	5	100	3	21	30	0
98	21X41A04A3	7	70	3	7	70	3	7	70	3	7	35	0	5	100	3	6	60	2	4	40	1	0	0	0	18	90	3	5	100	3	35	50	1
99	21X41A04A4	8	80	3	2	20	0	7	70	3	3	15	0	5	100	3	0	0	0	0	0	0	0	0	0	19	95	3	5	100	3	21	30	0
100	21X41A04A5	8	80	3	1	10	0	7	70	3	9	45	1	5	100	3	2	20	0	0	0	0	0	0	0	20	100	3	5	100	3	21	30	0
101	21X41A04A6	10	100	3	5	50	1	7	70	3	11	55	2	5	100	3	9	90	3	0	0	0	0	0	0	18	90	3	5	100	3	21	30	0
102	21X41A04A7	5	50	1	5	50	1	6	60	2	5	25	0	5	100	3	0	0	0	0	0	0	0	0	0	17	85	3	5	100	3	21	30	0
103	21X41A04A8	5	50	1	4	40	1	6	60	2	6	30	0	5	100	3	4	40	1	2	20	0	0	0	0	20	100	3	5	100	3	21	30	0
104	21X41A04B0	10	100	3	7	70	3	7	70	3	8	40	1	5	100	3	2	20	0	4	40	1	0	0	0	20	100	3	5	100	3	21	30	0
105	21X41A04B1	4	40	1	5	50	1	5	50	1	9	45	1	5	100	3	2	20	0	0	0	0	0	0	17	85	3	5	100	3	21	30	0	
106	21X41A04B2	7	70	3	8	80	3	5	50	1	7	35	0	5	100	3	4	40	1	3	30	0	0	0	0	16	80	3	5	100	3	21	30	0
107	21X41A04B3	9	90	3	10	100	3	8	80	3	13	65	2	5	100	3	9	90	3	0	0	0	0	0	0	20	100	3	5	100	3	35	50	1
108	21X41A04B4	9	90	3	5	50	1	8	80	3	10	50	1	5	100	3	2	20	0	4	40	1	7	70	3	20	100	3	5	100	3	42	60	2
109	22X45A0401	9	90	3	10	100	3	9	90	3	7	35	0	5	100	3	10	100	3	10	100	3	10	100	3	18	90	3	5	100	3	49	70	3
110	22X45A0402	8	80	3	8	80	3	8	80	3	9	45	1	5	100	3	10	100	3	10	100	3	5	50	1	15	75	3	5	100	3	49	70	3
111	22X45A0403	9	90	3	10	100	3	8	80	3	3	15	0	5	100	3	10	100	3	10	100	3	0	0	0	19	95	3	5	100	3	42	60	2
112	22X45A0404	10	100	3	10	100	3	9	90	3	7	35	0	5	100	3	10	100	3	10	100	3	10	100	3	20	100	3	5	100	3	55	80	3
113	22X45A0405	9	90	3	9	90	3	7	70	3	11	55	2	5	100	3	10	100	3	10	100	3	0	0	0	6	30	0	5	100	3	56	80	3


 DR. J. S. SHARMA
 PRINCIPAL
 BRAHMA INSTITUTE OF TECHNOLOGY
 PUNJAB
 KANKEI, D.A. VIJAYAWADA-521 108.

114	22X45A0406	0	0	0	9	90	3	4	40	1	45	1	5	100	3	0	0	0	0	0	0	2	20	0	20	100	3	5	100	3	21	30	0	
115	22X45A0407	10	100	3	10	100	3	7	70	3	5	25	0	5	100	3	8	80	3	8	80	3	10	100	3	18	90	3	5	100	3	56	80	3
116	22X45A0408	10	100	3	10	100	3	7	70	3	10	50	1	5	100	3	0	0	0	0	0	0	0	0	19	95	3	5	100	3	35	50	1	
117	22X45A0408	6	60	2	4	40	1	0	0	0	17	85	3	5	100	3	0	0	0	0	0	0	0	0	18	90	3	5	100	3	21	30	0	
118	22X45A0409	10	100	3	4	40	1	8	80	3	5	25	0	5	100	3	0	0	0	5	50	1	7	70	3	20	100	3	5	100	3	42	60	2
119	22X45A0410	9	90	3	10	100	3	7	70	3	7	35	0	5	100	3	10	100	3	10	100	3	10	100	3	19	95	3	5	100	3	49	70	3
120	22X45A0411	9	90	3	6	60	2	7	70	3	10	50	1	5	100	3	9	90	3	9	90	3	0	0	0	17	85	3	5	100	3	42	60	2
121	22X45A0412	7	70	3	4	40	1	7	70	3	11	55	2	5	100	3	4	40	1	0	0	0	7	70	3	20	100	3	5	100	3	21	30	0
122	22X45A0413	2	20	0	0	0	0	4	40	1	7	35	0	5	100	3	0	0	0	0	0	0	0	0	17	85	3	5	100	3	21	30	0	
123	22X45A0414	10	100	3	2	20	0	8	80	3	8	40	1	5	100	3	3	30	0	0	0	0	0	0	18	90	3	5	100	3	35	50	1	
124	22X45A0415	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	10	100	3	10	100	3	5	50	1	17	85	3	5	100	3	56	80	3
125	22X45A0416	4	40	1	3	30	0	7	70	3	9	45	1	5	100	3	2	20	0	1	10	0	0	0	20	100	3	5	100	3	21	30	0	
126	22X45A0417	4	40	1	3	30	0	7	70	3	10	50	1	5	100	3	6	60	2	5	50	1	0	0	0	6	30	0	5	100	3	21	30	0
127	22X45A0418	5	50	1	3	30	0	0	0	0	9	45	1	5	100	3	9	90	3	8	80	3	0	0	0	18	90	3	5	100	3	35	50	1
128	22X45A0419	4	40	1	1	10	0	6	60	2	11	55	2	5	100	3	4	40	1	1	10	0	0	0	20	100	3	5	100	3	35	50	1	
129	22X45A0421	10	100	3	0	0	0	9	90	3	11	55	2	5	100	3	10	100	3	5	50	1	0	0	0	18	90	3	5	100	3	21	30	0
130	22X45A0422	9	90	3	4	40	1	6	60	2	9	45	1	5	100	3	10	100	3	10	100	3	0	0	0	17	85	3	5	100	3	42	60	2
131	22X45A0423	10	100	3	4	40	1	7	70	3	6	30	0	5	100	3	2	20	0	6	60	2	0	0	0	19	95	3	5	100	3	21	30	0
132	22X45A0424	9	90	3	5	50	1	8	80	3	13	65	2	5	100	3	6	60	2	9	90	3	0	0	0	20	100	3	5	100	3	42	60	2
133	22X45A0425	3	30	0	3	30	0	6	60	2	3	15	0	5	100	3	9	90	3	9	90	3	0	0	0	18	90	3	5	100	3	21	30	0
134	22X45A0426	1	10	0	2	20	0	6	60	2	6	30	0	5	100	3	4	40	1	2	20	0	0	0	20	100	3	5	100	3	21	30	0	
135	22X45A0427	10	100	3	6	60	2	8	80	3	11	55	2	5	100	3	5	50	1	9	90	3	9	90	3	17	85	3	5	100	3	49	70	3
136	22X45A0428	10	100	3	10	100	3	9	90	3	10	50	1	5	100	3	1	10	0	9	90	3	10	100	3	20	100	3	5	100	3	56	80	3
137	22X45A0429	10	100	3	3	30	0	5	50	1	8	40	1	5	100	3	2	20	0	1	10	0	0	0	19	95	3	5	100	3	21	30	0	
AVERAGE		7.01	70	2.2	5.56	56	2	6.37	64	2.3	9.39	46.9	1	5	100	3	6	58.3	1.8	4.5	44	1	1	32	0.9	17.8	89	2.8	5	100	3	33.1	47	1.1
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)		
CO WISE SUM		2.18			1.57			2.25			1.17			3			1.78			1.28			0.92			2.78			3			1.1		

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENKEPADA, VIJAYAWADA-521 106

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF	ATTAINMENT PERCENTAGE
CO1	2.18	1.17	3	1.1	1.36	99.2701	2.98	1.68	65	56.00
CO2	1.57	1.17	3	1.1	1.27	98.3942	2.95	1.61	65	53.67
CO3	2.02	1.97	3	1.1	1.42	97.3723	2.92	1.72	65	57.33
CO4	1.28	2.78	3	1.1	1.39	96.7883	2.9	1.69	65	56.33
CO5	0.92	2.78	3	1.1	1.34	99.708	2.99	1.67	65	55.67

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70


CO-PO Matrix for the Subject DC

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1: Differentiate various analog modulation and demodulation schemes and their spectral characteristics.	2	3					1			2			1			1.68
CO2: Design simple analog communication systems for DSB-SC & SSB-SC modulation techniques.	3	3		2									2			1.61
CO3: Design simple analog systems for various frequency modulation and demodulation techniques.	3	3		2									2			1.72
CO4: Classify the various radio transmitters and receivers and explain their functional blocks in detail	3		2										3			1.69
CO5: Analyze effect of noise on performance of various analog receivers.	3		2										3			1.67

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
23.43	15.03	6.72	6.66	0	0	1.68	0	0	3.36	0	0	18.4	0	0
1.67	1.67	1.68	1.67	0	0	1.68	0	0	1.68	0	0	1.67	0	0


signature of faculty


Signature of HoD


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
KRIKAPADU, VIJAYAWADA-521 102

SRK INSTITUTE OF TECHNOLOGY, VIJAYAWADA
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR: 2022-23

BRANCH: ECE **YEAR-SEM: II-II** **SUBJECT: MOB** **FACULTY NAME: T.SOWJANYA**

MID EXAM - I

S.NO.	ROLL NO.	Q1			Q2			Q3			ONLINE			ASSIGNMENT		
		Marks	%	Level	Marks	%	Level	Marks	%	Level	Marks	%	Level	Marks	%	Level
1	21X41A0401		0	0		0	0		0	0		0	0	5	100	3
2	21X41A0402	10	100	3	5	50	1	7	70	3	4	20	0	5	100	3
3	21X41A0403	10	100	3	10	100	3	8	80	3	5	25	0	5	100	3
4	21X41A0404	2	20	0	2	20	0	0	0	0	8	40	1	5	100	3
5	21X41A0405	10	100	3	4	40	1	6	60	2	11	55	2	5	100	3
6	21X41A0406	10	100	3	10	100	3	10	100	3	5	25	0	5	100	3
7	21X41A0407	2	20	0	0	0	0	5	50	1	10	50	1	5	100	3
8	21X41A0408	8	80	3	0	0	0	0	0	0	4	20	0	5	100	3
9	21X41A0409	5	50	1	2	20	0	2	20	0	8	40	1	5	100	3
10	21X41A0410	10	100	3	10	100	3	10	100	3	6	30	0	5	100	3
11	21X41A0411	0	0	0	10	100	3	7	70	3	8	40	1	5	100	3
12	21X41A0412	10	100	3	5	50	1	3	30	0	4	20	0	5	100	3
13	21X41A0413	10	100	3	0	0	0	8	80	3	6	30	0	5	100	3
14	21X41A0414	10	100	3	10	100	3	2	20	0	6	30	0	5	100	3
15	21X41A0415	10	100	3	10	100	3	10	100	3	6	30	0	5	100	3
16	21X41A0416	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3
17	21X41A0417	7	70	3	2	20	0	1	10	0	3	15	0	5	100	3
18	21X41A0418	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3
19	21X41A0419	10	100	3	10	100	3	8	80	3	9	45	1	5	100	3
20	21X41A0420	5	50	1	10	100	3	10	100	3	5	25	0	5	100	3
21	21X41A0421	4	40	1	4	40	1	2	20	0	5	25	0	5	100	3
22	21X41A0422	10	100	3	8	80	3	8	80	3	6	30	0	5	100	3
23	21X41A0423	0	0	0	0	0	0	0	0	0	1	5	0	5	100	3
24	21X41A0424	10	100	3	5	50	1	10	100	3	9	45	1	5	100	3
25	21X41A0425	10	100	3	4	40	1	2	20	0	7	35	0	5	100	3
26	21X41A0426	6	60	2	6	60	2	1	10	0	10	50	1	5	100	3
27	21X41A0427	10	100	3	6	60	2	9	90	3	5	25	0	5	100	3
28	21X41A0428	10	100	3	5	50	1	9	90	3	7	35	0	5	100	3
29	21X41A0430	10	100	3	8	80	3	8	80	3	9	45	1	5	100	3
30	21X41A0431		0	0		0	0		0	0		0	0	5	100	3
31	21X41A0432	10	100	3	10	100	3	7	70	3	3	15	0	5	100	3
32	21X41A0433	10	100	3	8	80	3	8	80	3	7	35	0	5	100	3
33	21X41A0434	10	100	3	8	80	3	6	60	2	8	40	1	5	100	3
34	21X41A0435	10	100	3	8	80	3	5	50	1	4	20	0	5	100	3
35	21X41A0436	10	100	3	2	20	0	0	0	0	4	20	0	5	100	3
36	21X41A0437	10	100	3	10	100	3	7	70	3	8	40	1	5	100	3

(Handwritten Signature)

SRK INSTITUTE OF TECHNOLOGY
ENGINEERING COLLEGE
VIJAYAWADA

37	21X41A0438	6	60	2	0	0	0	0	0	0	7	35	0	5	100	3
38	21X41A0439	2	20	0	2	20	0	0	0	0	5	25	0	5	100	3
39	21X41A0440	10	100	3	10	100	3	7	70	3	9	45	1	5	100	3
40	21X41A0441	5	50	1	4	40	1	5	50	1	11	55	2	5	100	3
41	21X41A0442	6	60	2	8	80	3	6	60	2	2	10	0	5	100	3
42	21X41A0443	10	100	3	6	60	2	10	100	3	7	35	0	5	100	3
43	21X41A0445	10	100	3	6	60	2	5	50	1	2	10	0	5	100	3
44	21X41A0446	10	100	3	8	80	3	5	50	1	7	35	0	5	100	3
45	21X41A0447	8	80	3	6	60	2	8	80	3	7	35	0	5	100	3
46	21X41A0448	10	100	3	10	100	3	10	100	3	6	30	0	5	100	3
47	21X41A0449	6	60	2	10	100	3	6	60	2	4	20	0	5	100	3
48	21X41A0450	10	100	3	10	100	3	7	70	3	7	35	0	5	100	3
49	21X41A0451	2	20	0	2	20	0	2	20	0	6	30	0	5	100	3
50	21X41A0453	5	50	1	5	50	1	10	100	3	6	30	0	5	100	3
51	21X41A0454	6	60	2	2	20	0	5	50	1	4	20	0	5	100	3
52	21X41A0455	10	100	3	8	80	3	6	60	2	5	25	0	5	100	3
53	21X41A0456	2	20	0	0	0	0	0	0	0	4	20	0	5	100	3
54	21X41A0457	10	100	3	4	40	1	2	20	0	2	10	0	5	100	3
55	21X41A0458	2	20	0	2	20	0	2	20	0	4	20	0	5	100	3
56	21X41A0459	10	100	3	10	100	3	8	80	3	4	20	0	5	100	3
57	21X41A0460	10	100	3	8	80	3	10	100	3	4	20	0	5	100	3
58	21X41A0461	8	80	3	10	100	3	4	40	1	4	20	0	5	100	3
59	21X41A0462	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3
60	21X41A0463	8	80	3	6	60	2	10	100	3	10	50	1	5	100	3
61	21X41A0464	10	100	3	6	60	2	10	100	3	3	15	0	5	100	3
62	22X45A0401	10	100	3	10	100	3	8	80	3	8	40	1	5	100	3
63	22X45A0402	10	100	3	5	50	1	6	60	2	5	25	0	5	100	3
64	22X45A0403	10	100	3	2	20	0	7	70	3	8	40	1	5	100	3
65	22X45A0404	10	100	3	8	80	3	9	90	3	8	40	1	5	100	3
66	22X45A0405	10	100	3	10	100	3	7	70	3	6	30	0	5	100	3
67	22X45A0406	8	80	3	10	100	3	4	40	1	5	25	0	5	100	3
68	22X45A0407	10	100	3	10	100	3	4	40	1	9	45	1	5	100	3
69	21X41A0465	6	60	2	3	30	0	1	10	0	7	35	0	5	100	3
70	21X41A0466		0	0		0	0		0	0	7	35	0	5	100	3
71	21X41A0467	6	60	2	4	40	1	0	0	0	6	30	0	5	100	3
72	21X41A0468	6	60	2	5	50	1	2	20	0	6	30	0	5	100	3
73	21X41A0469	10	100	3	10	100	3	3	30	0	7	35	0	5	100	3
74	21X41A0470	10	100	3	10	100	3	7	70	3	6	30	0	5	100	3
75	21X41A0471	6	60	2	10	100	3	10	100	3	11	55	2	5	100	3
76	21X41A0472	6	60	2	3	30	0	5	50	1	8	40	1	5	100	3
77	21X41A0474	10	100	3	4	40	1	7	70	3	4	20	0	5	100	3

78	21X41A0475	10	100	3	0	0	0	7	70	3	5	25	0	5	100	3
79	21X41A0476		0	0		0	0		0	0	4	20	0	5	100	3
80	21X41A0477	6	60	2	7	70	3	6	60	2	8	40	1	5	100	3
81	21X41A0478	6	60	2	3	30	0	5	50	1	5	25	0	5	100	3
82	21X41A0479	10	100	3	6	60	2	10	100	3	5	25	0	5	100	3
83	21X41A0480	6	60	2	2	20	0	10	100	3	4	20	0	5	100	3
84	21X41A0482	2	20	0	6	60	2	7	70	3	8	40	1	5	100	3
85	21X41A0483	10	100	3	2	20	0	7	70	3	8	40	1	5	100	3
86	21X41A0484	6	60	2	4	40	1	2	20	0	4	20	0	5	100	3
87	21X41A0485	7	70	3	0	0	0	1	10	0	4	20	0	5	100	3
88	21X41A0486	10	100	3	4	40	1	7	70	3	8	40	1	5	100	3
89	21X41A0487	10	100	3	10	100	3	7	70	3	9	45	1	5	100	3
90	21X41A0488	2	20	0	0	0	0	0	0	0		0	0	5	100	3
91	21X41A0489	10	100	3	0	0	0	10	100	3	7	35	0	5	100	3
92	21X41A0490	6	60	2	8	80	3	4	40	1	7	35	0	5	100	3
93	21X41A0491	10	100	3	0	0	0	7	70	3	6	30	0	5	100	3
94	21X41A0492	10	100	3	8	80	3	10	100	3	7	35	0	5	100	3
95	21X41A0493	10	100	3	10	100	3	0	0	0	7	35	0	5	100	3
96	21X41A0494	0	0	0	0	0	0	0	0	0	6	30	0	5	100	3
97	21X41A0495	10	100	3	1	10	0	10	100	3	6	30	0	5	100	3
98	21X41A0496	8	80	3	0	0	0	0	0	0	6	30	0	5	100	3
99	21X41A0497	8	80	3	1	10	0	6	60	2	12	60	2	5	100	3
100	21X41A0498	10	100	3	4	40	1	5	50	1	8	40	1	5	100	3
101	21X41A0499	10	100	3	0	0	0	10	100	3	4	20	0	5	100	3
102	21X41A04A0	2	20	0	0	0	0	0	0	0	5	25	0	5	100	3
103	21X41A04A1	10	100	3	5	50	1	0	0	0	4	20	0	5	100	3
104	21X41A04A2	0	0	0	3	30	0	3	30	0	8	40	1	5	100	3
105	21X41A04A3	10	100	3	0	0	0	0	0	0	7	35	0	5	100	3
106	21X41A04A4	6	60	2	10	100	3	2	20	0	5	25	0	5	100	3
107	21X41A04A5	6	60	2	10	100	3	0	0	0	4	20	0	5	100	3
108	21X41A04A6	10	100	3	1	10	0	10	100	3	8	40	1	5	100	3
109	21X41A04A7	6	60	2	0	0	0	0	0	0	5	25	0	5	100	3
110	21X41A04A8	6	60	2	0	0	0	0	0	0	3	15	0	5	100	3
111	21X41A04B0	10	100	3	10	100	3	0	0	0	7	35	0	5	100	3
112	21X41A04B1		0	0		0	0		0	0		0	0	5	100	3
113	21X41A04B2	4	40	1	2	20	0	7	70	3	5	25	0	5	100	3
114	21X41A04B3	10	100	3	2	20	0	10	100	3	6	30	0	5	100	3
115	21X41A04B4	4	40	1	2	20	0	4	40	1	8	40	1	5	100	3
116	22X45A0408		0	0		0	0		0	0	3	15	0	5	100	3
117	22X45A0409	10	100	3	4	40	1	5	50	1	4	20	0	5	100	3
118	22X45A0410	10	100	3	10	100	3	6	60	2	8	40	1	5	100	3
119	22X45A0411	10	100	3	10	100	3	4	40	1	4	20	0	5	100	3

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
SAKREBADI, MAYAWADA-524 108;

120	22X45A0412	6	60	2	10	100	3	0	0	0	6	30	0	5	100	3
121	22X45A0413	0	0	0	0	0	0	0	0	0	5	25	0	5	100	3
122	22X45A0414	10	100	3	0	0	0	0	0	0	4	20	0	5	100	3
123	22X45A0415	10	100	3	10	100	3	9	90	3	5	25	0	5	100	3
124	22X45A0416	0	0	0	0	0	0	0	0	0	5	25	0	5	100	3
125	22X45A0417	4	40	1	5	50	1	0	0	0	8	40	1	5	100	3
126	22X45A0418	8	80	3	4	40	1	0	0	0	5	25	0	5	100	3
127	22X45A0419	0	0	0	0	0	0	0	0	0	7	35	0	5	100	3
128	22X45A0421	10	100	3	2	20	0	0	0	0	2	10	0	5	100	3
129	22X45A0422	10	100	3	10	100	3	10	100	3	4	20	0	5	100	3
130	22X45A0423	6	60	2	4	40	1	0	0	0	6	30	0	5	100	3
131	22X45A0424	10	100	3	6	60	2	7	70	3	8	40	1	5	100	3
132	22X45A0425	8	80	3	5	50	1	1	10	0	6	30	0	5	100	3
133	22X45A0426	2	20	0	0	0	0	0	0	0	6	30	0	5	100	3
134	22X45A0427	10	100	3	10	100	3	0	0	0	5	25	0	5	100	3
135	22X45A0428	10	100	3	10	100	3	8	80	3	5	25	0	5	100	3
136	22X45A0429	2	20	0	3	30	0	0	0	0	1	5	0	5	100	3
137	20X41A0426	10	100	3	8	80	3	7	70	3	9	45	1	5	100	3
AVERAGE		7.63	72.99	2.2	5.35	51.17	1.45	4.97	47.52	1.5	6.08	29.49	0.3	5	100	3
COURSE OUTCOME		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)		
CO WISE SUM		2.2			1.45			1.3			0.3			3		

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENKEPADU, VIJAYAWADA-521 108.

MID EXAM - II															EXTERNAL MARKS		
Q1			Q2			Q3			ONLINE			ASSIGNMENT			Marks	%	Level
Marks	%	Level	Marks	%	Level	Marks	%	Level	Marks	%	Level	Marks	%	Level			
0	0	0	5	50	1	10	100	3	15	75	3	5	100	3	49	70	3
4	40	1	5	50	1	7	70	3	4	20	0	5	100	3	42	60	2
3	30	0	5	50	1	6	60	2	5	25	0	5	100	3	42	60	2
4	40	1	0	0	0	4	40	1	17	85	3	5	100	3	21	30	0
8	80	3	3	30	0	4	40	1	15	75	3	5	100	3	35	50	1
8	80	3	1	10	0	3	30	0	14	70	3	5	100	3	42	60	2
10	100	3	2	20	0	2	20	0	11	55	2	5	100	3	35	50	1
4	40	1	4	40	1	10	100	3	16	80	3	5	100	3	42	60	2
2	20	0	2	20	0	2	20	0	13	65	2	5	100	3	35	50	1
0	0	0	0	0	0	4	40	1	16	80	3	5	100	3	49	70	3
10	100	3	2	20	0	8	80	3	13	65	2	5	100	3	42	60	2
10	100	3	4	40	1	8	80	3	14	70	3	5	100	3	42	60	2
0	0	0	4	40	1	10	100	3	16	80	3	5	100	3	35	50	1
10	100	3	6	60	2	8	80	3	13	65	2	5	100	3	49	70	3
5	50	1	10	100	3	6	60	2	10	50	1	5	100	3	42	60	2
0	0	0	5	50	1	7	70	3	13	65	2	5	100	3	49	70	3
8	80	3	2	20	0	5	50	1	16	80	3	5	100	3	42	60	2
10	100	3	10	100	3	8	80	3	18	90	3	5	100	3	56	80	3
8	80	3	5	50	1	10	100	3	10	50	1	5	100	3	49	70	3
2	20	0	8	80	3	6	60	2	14	70	3	5	100	3	42	60	2
0	0	0	2	20	0	2	20	0	12	60	2	5	100	3	21	30	0
10	100	3	5	50	1	8	80	3	19	95	3	5	100	3	49	70	3
4	40	1	0	0	0	0	0	0	16	80	3	5	100	3	21	30	0
4	40	1	4	40	1	4	40	1	14	70	3	5	100	3	42	60	2
10	100	3	4	40	1	6	60	2	15	75	3	5	100	3	49	70	3
6	60	2	5	50	1	6	60	2	6	30	0	5	100	3	42	60	2
10	100	3	6	60	2	8	80	3	13	65	2	5	100	3	49	70	3
8	80	3	6	60	2	6	60	2	10	50	1	5	100	3	42	60	2
10	100	3	10	100	3	8	80	3	14	70	3	5	100	3	49	70	3
10	100	3	10	100	3	10	100	3	17	85	3	5	100	3	56	80	3
0	0	0	0	0	0	10	100	3	8	40	1	5	100	3	42	60	2
10	100	3	5	50	1	8	80	3	16	80	3	5	100	3	49	70	3
0	0	0	4	40	1	6	60	2	14	70	3	5	100	3	42	60	2
10	100	3	2	20	0	9	90	3	18	90	3	5	100	3	49	70	3
5	50	1	0	0	0	8	80	3	12	60	2	5	100	3	42	60	2

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
NIKEPADI, VIJAYAWADA 521 108.

0	0	0	5	50	1	8	80	3	14	70	3	5	100	3	42	60	2
2	20	0	2	20	0	2	20	0	15	75	3	5	100	3	21	30	0
0	0	0	4	40	1	6	60	2	14	70	3	5	100	3	35	50	1
5	50	1	5	50	1	0	0	0	12	60	2	5	100	3	42	60	2
2	20	0	1	10	0	3	30	0	17	85	3	5	100	3	42	60	2
8	80	3	8	80	3	2	20	0	17	85	3	5	100	3	49	70	3
3	30	0	6	60	2	7	70	3	16	80	3	5	100	3	49	70	3
10	100	3	0	0	0	6	60	2	9	45	1	5	100	3	35	50	1
8	80	3	2	20	0	9	90	3	14	70	3	5	100	3	42	60	2
2	20	0	6	60	2	10	100	3	10	50	1	5	100	3	42	60	2
5	50	1	0	0	0	8	80	3	7	35	0	5	100	3	49	70	3
5	50	1	10	100	3	9	90	3	20	100	3	5	100	3	49	70	3
6	60	2	3	30	0	7	70	3	16	80	3	5	100	3	42	60	2
4	40	1	3	30	0	1	10	0	17	85	3	5	100	3	35	50	1
8	80	3	4	40	1	8	80	3	18	90	3	5	100	3	49	70	3
0	0	0	0	0	0	8	80	3	17	85	3	5	100	3	35	50	1
6	60	2	6	60	2	8	80	3	3	15	0	5	100	3	42	60	2
8	80	3	4	40	1	6	60	2	15	75	3	5	100	3	42	60	2
10	100	3	8	80	3	10	100	3	18	90	3	5	100	3	56	80	3
2	20	0	4	40	1	4	40	1	18	90	3	5	100	3	42	60	2
2	20	0	5	50	1	8	80	3	12	60	2	5	100	3	35	50	1
2	20	0	0	0	0	0	0	0	18	90	3	5	100	3	42	60	2
8	80	3	8	80	3	9	90	3	16	80	3	5	100	3	56	80	3
8	80	3	2	20	0	8	80	3	15	75	3	5	100	3	42	60	2
8	80	3	4	40	1	6	60	2	12	60	2	5	100	3	42	60	2
4	40	1	4	40	1	6	60	2	5	25	0	5	100	3	56	80	3
10	100	3	8	80	3	10	100	3	15	75	3	5	100	3		0	0
10	100	3	6	60	2	10	100	3	9	45	1	5	100	3	49	70	3
4	40	1	8	80	3	10	100	3	13	65	2	5	100	3	49	70	3
10	100	3	8	80	3	10	100	3	16	80	3	5	100	3	42	60	2
10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	49	70	3
10	100	3	8	80	3	2	20	0	15	75	3	5	100	3	42	60	2
10	100	3	8	80	3	10	100	3	9	45	1	5	100	3	42	60	2
0	0	0	0	0	0	3	30	0	14	70	3	5	100	3	35	50	1
0	0	0	0	0	0	2	20	0	6	30	0	5	100	3	35	50	1
4	40	1	0	0	0	0	0	0	5	25	0	5	100	3	35	50	1
0	0	0	1	10	0	1	10	0	6	30	0	5	100	3	35	50	1
4	40	1	4	40	1	10	100	3	5	25	0	5	100	3	42	60	2
4	40	1	8	80	3	10	100	3	5	25	0	5	100	3	42	60	2

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENKEPADU, VIJAYAWADA-521 108.

0	0	0	0	0	0	6	60	2	18	90	3	5	100	3	42	60	2
3	30	0	1	10	0	4	40	1	5	25	0	5	100	3	35	50	1
6	60	2	0	0	0	6	60	2	6	30	0	5	100	3	35	50	1
0	0	0	0	0	0	4	40	1	7	35	0	5	100	3	35	50	1
	0	0		0	0		0	0		0	0	5	100	3	ABS		0
2	20	0	0	0	0	7	70	3	7	35	0	5	100	3	42	60	2
0	0	0	2	20	0	8	80	3	8	40	1	5	100	3	42	60	2
0	0	0	0	0	0	2	20	0	4	20	0	5	100	3	42	60	2
6	60	2	0	0	0	6	60	2	7	35	0	5	100	3	35	50	1
0	0	0	0	0	0	0	0	0	6	30	0	5	100	3	21	30	0
2	20	0	2	20	0	6	60	2	8	40	1	5	100	3	42	60	2
10	100	3	0	0	0	8	80	3	4	20	0	5	100	3	35	50	1
2	20	0	0	0	0	8	80	3	14	70	3	5	100	3	35	50	1
0	0	0	4	40	1	10	100	3	5	25	0	5	100	3	35	50	1
0	0	0	6	60	2	9	90	3	3	15	0	5	100	3	49	70	3
0	0	0	0	0	0	4	40	1	10	50	1	5	100	3	21	30	0
6	60	2	0	0	0	2	20	0	4	20	0	5	100	3	42	60	2
2	20	0	2	20	0	8	80	3	5	25	0	5	100	3	35	50	1
	0	0		0	0		0	0		0	0	5	100	3	35	50	1
0	0	0	2	20	0	10	100	3	16	80	3	5	100	3	42	60	2
0	0	0	0	0	0	10	100	3	15	75	3	5	100	3	42	60	2
0	0	0	4	40	1	6	60	2	5	25	0	5	100	3	35	50	1
8	80	3	2	20	0	8	80	3	17	85	3	5	100	3	56	80	3
4	40	1	6	60	2	6	60	2	3	15	0	5	100	3	35	50	1
0	0	0	4	40	1	8	80	3	9	45	1	5	100	3	42	60	2
	0	0		0	0		0	0		0	0	5	100	3	42	60	2
4	40	1	0	0	0	8	80	3	7	35	0	5	100	3	42	60	2
4	40	1	0	0	0	8	80	3	6	30	0	5	100	3	35	50	1
0	0	0	6	60	2	6	60	2	10	50	1	5	100	3	35	50	1
0	0	0	0	0	0	4	40	1	11	55	2	5	100	3	35	50	1
10	100	3	7	70	3	7	70	3	7	35	0	5	100	3	42	60	2
0	0	0	3	30	0	10	100	3	2	10	0	5	100	3	35	50	1
3	30	0	5	50	1	6	60	2	2	10	0	5	100	3	35	50	1
0	0	0	6	60	2	8	80	3	3	15	0	5	100	3	35	50	1
0	0	0	7	70	3	3	30	0	4	20	0	5	100	3	35	50	1
0	0	0	8	80	3	10	100	3	13	65	2	5	100	3	49	70	3
0	0	0	6	60	2	10	100	3	17	85	3	5	100	3	35	50	1
0	0	0	6	60	2	6	60	2	11	55	2	5	100	3	21	30	0
0	0	0	6	60	2	2	20	0	15	75	3	5	100	3	42	60	2

2	20	0	6	60	2	8	80	3	16	80	3	5	100	3	42	60	2
0	0	0	4	40	1	6	60	2	6	30	0	5	100	3	35	50	1
0	0	0	0	0	0	2	20	0	5	25	0	5	100	3	21	30	0
0	0	0	6	60	2	8	80	3	7	35	0	5	100	3	42	60	2
0	0	0	2	20	0	8	80	3	9	45	1	5	100	3	49	70	3
0	0	0	10	100	3	10	100	3	4	20	0	5	100	3	42	60	2
0	0	0	8	80	3	10	100	3	6	30	0	5	100	3	35	50	1
0	0	0	2	20	0	0	0	0	7	35	0	5	100	3	21	30	0
0	0	0	8	80	3	8	80	3	4	20	0	5	100	3	42	60	2
8	80	3	8	80	3	10	100	3	6	30	0	5	100	3	42	60	2
0	0	0	0	0	0	4	40	1	5	25	0	5	100	3	35	50	1
4	40	1	4	40	1	4	40	1	6	30	0	5	100	3	42	60	2
2	20	0	0	0	0	6	60	2	7	35	0	5	100	3	42	60	2
0	0	0	4	40	1	6	60	2	2	10	0	5	100	3	35	50	1
0	0	0	6	60	2	10	100	3	8	40	1	5	100	3	35	50	1
10	100	3	2	20	0	9	90	3	8	40	1	5	100	3	49	70	3
4	40	1	2	20	0	8	80	3	13	65	2	5	100	3	35	50	1
10	100	3	2	20	0	8	80	3	7	35	0	5	100	3	42	60	2
3	30	0	8	80	3	10	100	3	6	30	0	5	100	3	42	60	2
0	0	0	6	60	2	8	80	3	5	25	0	5	100	3	21	30	0
8	80	3	4	40	1	10	100	3	6	30	0	5	100	3	42	60	2
0	0	0	10	100	3	10	100	3	7	35	0	5	100	3	42	60	2
0	0	0	6	60	2	4	40	1	6	30	0	5	100	3	35	50	1
0	0	0	6	60	2	8	80	3	20	100	3	5	100	3	49	70	3
3.94	38.54	1.09	3.94	38.54	1.07	6.59	64.45	2.07	10.68	52.23	1.48	5	100	3	40.29	57.13	1.76
CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)		
#REF!			1.07			2.07			1.48			3			1.76		

(Handwritten signature)

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENKEPADO, VIJAYAWADA-521 103

CO	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL of ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	2.2	0.3	3	1.76	1.74	91.93	2.76	1.94	65	65
CO2	1.45	0.3	3	1.76	1.63	93.76	2.81	1.87	65	62.33
CO3	1.3	0.89	3	1.76	1.67	89.72	2.69	1.87	65	62.33
CO4	1.07	1.48	3	1.76	1.69	91.01	2.73	1.9	65	63.33
CO5	2.07	1.48	3	1.76	1.84	91.38	2.74	2.02	65	67

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	≥70
*Upper boundary exclusive		

CO-PO Matrix for the Subject DIP

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	ATTAINMENT LEVELS
CO1	2															1.94
CO2	2	1														1.87
CO3	1															1.87
CO4	1	2	1									2				1.9
CO5	1		2						2							2.02

PO ATTAINMENTS

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
13.41	5.67	5.94	0	0	0	0	0	4.04	0	0	3.8	0	0	0
1.92	1.89	1.98	#DIV/0!										#DIV/0!	

M. Sornjanya
Signature of the Faculty


Signature of the HoD



PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 106.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

An Autonomous Institution, Accredited with NAAC 'A' grade

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs, POs and PSO_s

BRANCH: ECE		YEAR-SEM: II-II	NAME OF LAB: SOFT SKILLS			FACULTY: Mr.P.FARZEENA KHANUM/Mr.V YELLAMANDA						
S.NO.	ROLL NO.	NAME OF THE STUDENT	EXTERNAL									
			CO1			CO2			CO3			
			MARKS	%	LEVEL	MARKS	%	LEVEL	MARKS	%	LEVEL	
1	21X41A0401	ANKAM MANIKANTA SWAMY	50	100.00	3		0.00				0.00	
2	21X41A0402	ANNEPU NANDA KRISHNA		0.00		50	100.00	3			0.00	
3	21X41A0403	NARTHU SUNDARRAO		0.00			0.00		45	90.00	3	
4	21X41A0404	BALAGAM VINAY ROHIT	40	80.00	3		0.00			0.00		
5	21X41A0405	BOMMI SATHWIKA		0.00		45	90.00	3		0.00		
6	21X41A0406	BONTHU PRASANNA KUMAR		0.00			0.00		50	100.00	3	
7	21X41A0407	BUSAM POORNESH	50	100.00	3		0.00			0.00		
8	21X41A0408	DERSNGULA VENKATA PRAVEEN		0.00		50	100.00	3		0.00		
9	21X41A0409	CHINTADA BALAJI		0.00			0.00		45	90.00	3	
10	21X41A0410	CHITTI SAI KUMAR	50	100.00	3		0.00			0.00		
11	21X41A0411	CHUKKA BHAVANARAYANA		0.00		50	100.00	3		0.00		
12	21X41A0412	DAMARLA LEELA KARTHIK SRIRAM		0.00			0.00		50	100.00	3	
13	21X41A0413	DAMODARA BHASKAR RAO	50	100.00	3		0.00			0.00		
14	21X41A0414	DASA VENKATAGOPI		0.00		50	100.00	3		0.00		
15	21X41A0415	DREVELA RAVI TEJA		0.00			0.00		50	100.00	3	
16	21X41A0416	BIJIGANI RAMYASRI	50	100.00	3		0.00			0.00		
17	21X41A0417	GADDE NAGA POOJITHA		0.00		50	100.00	3		0.00		
18	21X41A0418	GARIKIPATI KRISHNAVENI AKSHITHA		0.00			0.00		50	100.00	3	
19	21X41A0419	GARLAPATI SRI MADHAVI	50	100.00	3		0.00			0.00		
20	21X41A0420	GELLA AJITH		0.00		45	90.00	3		0.00		
21	21X41A0421	GULLAPUDI N V S JANARDHANA SAI KRISHNA		0.00			0.00		45	90.00	3	
22	21X41A0422	GUNUPURU MANASA	50	100.00	3		0.00			0.00		
23	21X41A0423	GURIVINDAPALLI VAMSI		0.00		45	90.00	3		0.00		
24	21X41A0424	JAMPANA BHARGAV		0.00			0.00		45	90.00	3	
25	21X41A0425	KALAPARTHI DEVENDRA SIVA KUMAR	45	90.00	3		0.00			0.00		
26	21X41A0426	KANAPARTHI YUGANDHAR		0.00		50	100.00	3		0.00		
27	21X41A0427	KANNA CHAKRA VARDHAN		0.00			0.00		50	100.00	3	

(Handwritten Signature)

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

(Handwritten Signature)

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

28	21X41A0428	KATIKALA NIKHILA SRI	50	100.00	3		0.00			0.00	
29	21X41A0429	KATTA SAI NIKHIL		0.00		50	100.00	3		0.00	
30	21X41A0430	KAVURI RAM MOHAN	0	0.00			0.00			0.00	
31	21X41A0431	KODURI KAVYA		0.00		50	100.00	3		0.00	
32	21X41A0432	KOLLU RAVI SANKAR		0.00			0.00		50	100.00	3
33	21X41A0433	KOMMUGURI PAUL DAVID RAJU	50	100.00	3		0.00			0.00	
34	21X41A0434	LOTLA UHA KUMARI		0.00		50	100.00	3		0.00	
35	21X41A0435	MALICHARLA CHANTI		0.00			0.00		50	100.00	3
36	21X41A0436	MARRI SANJAY	45	90.00	3		0.00			0.00	
37	21X41A0437	MODUGU MRUDHULA		0.00		50	100.00	3		0.00	
38	21X41A0438	MOHAMMAD ISMATULLA KHAN		0.00			0.00		45	90.00	3
39	21X41A0439	MOHAMMAD REENA	50	100.00	3		0.00			0.00	
40	21X41A0440	MUDRABOYINA ANJALI		0.00		50	100.00	3		0.00	
41	21X41A0441	MULAGANI SUBBA REDDY		0.00			0.00		45	90.00	3
42	21X41A0442	MURARI CHANDU HARINI	50	100.00	3		0.00			0.00	
43	21X41A0443	NABHIGIRI UDAY PAVAN		0.00		50	100.00	3		0.00	
44	21X41A0444	NUNE TULASIRAO		0.00			0.00		45	90.00	3
45	21X41A0446	PALLAPOTHU V N D SAI SIVARAM	50	100.00	3		0.00			0.00	
46	21X41A0447	PANCHAKARLA KEERTHANA		0.00		50	100.00	3		0.00	
47	21X41A0448	POLAKI GEETHARANI		0.00			0.00		50	100.00	3
48	21X41A0449	PRABHALA VENKATA NAGA SAISIRISHA	50	100.00	3		0.00			0.00	
49	21X41A0450	PRAGADA POOJITHA		0.00		50	100.00	3		0.00	
50	21X41A0451	PRATHIPATI REVANTH VARMA		0.00			0.00		50	100.00	3
51	21X41A0453	PUPPALA VENKATA SWAMY	50	100.00	3		0.00			0.00	
52	21X41A0454	REMALLI JOHN WESLEY		0.00		50	100.00	3		0.00	
53	21X41A0455	SHAIK FAZULU		0.00			0.00		50	100.00	3
54	21X41A0456	SHAIK NAGUL MEERA	50	100.00	3		0.00			0.00	
55	21X41A0457	SIMHAMBHATLA KRISHNAVAMSI		0.00		50	100.00	3		0.00	
56	21X41A0458	SYED BILAL		0.00			0.00		50	100.00	3
57	21X41A0459	TUMMIGUNTA HARSHITHA	50	100.00	3		0.00			0.00	
58	21X41A0460	TAGORE VISWANATH SANNALA		0.00		50	100.00	3		0.00	
59	21X41A0461	VEMULA DURGA BHAVANI		0.00			0.00		50	100.00	3
60	21X41A0462	VISHNUMOLAKALA SADHIKA	50	100.00	3		0.00			0.00	
61	21X41A0463	YARAKARAJU VAGDEVI		0.00		50	100.00	3		0.00	
62	21X41A0464	YATRA BHARGAVI		0.00			0.00		50	100.00	3
63	21X41A0465	CHADARAM RUTHWIQ	50	100.00	3		0.00			0.00	

[Handwritten Signature]

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

[Handwritten Signature]

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

64	21X41A0466	BOTTU VAMSI		0.00		45	90.00	3		0.00	
65	21X41A0467	CHEDURI KAMAL TEJ		0.00			0.00		45	90.00	3
66	21X41A0468	CHENNU NAGENDRA BABU	45	90.00	3		0.00			0.00	
67	21X41A0469	CHERUKURU NIHARIKA		0.00		50	100.00	3		0.00	
68	21X41A0470	CHINTHA NAGA PRASANNA		0.00			0.00		50	100.00	3
69	21X41A0471	CHINTHAM VENU	50	100.00	3		0.00			0.00	
70	21X41A0472	DASARI LAKSHMI PRASANNA		0.00		50	100.00	3		0.00	
71	21X41A0474	DUDLA RAJESH		0.00			0.00		50	100.00	3
72	21X41A0475	GANDI RAGHUPATHI	50	100.00	3		0.00			0.00	
73	21X41A0476	GARIKINA LAKSHMAN KUMAR		0.00		45	90.00	3		0.00	
74	21X41A0477	GUDAVALLI AMULYA		0.00			0.00		50	100.00	3
75	21X41A0478	GUNDALA KRANTHI KUMAR	50	100.00	3		0.00			0.00	
76	21X41A0479	KONIKINENI TARAKA VENKATA CHALAPATHI RAO		0.00		50	100.00	3		0.00	
77	21X41A0480	M VENKATA CHAITANYA		0.00			0.00		50	100.00	3
78	21X41A0482	MADARI VENKATESH	50	100.00	3		0.00			0.00	
79	21X41A0483	MANTRI MOUNIKA		0.00		50	100.00	3		0.00	
80	21X41A0484	MARAPAKALA MAHENDRA		0.00			0.00		50	100.00	3
81	21X41A0485	MOLLETI YUVASRI SRINIVAS	50	100.00	3		0.00			0.00	
82	21X41A0486	MOTHUKURI SAHITHI		0.00		50	100.00	3		0.00	
83	21X41A0487	N JYOTHI BHAVANI		0.00			0.00		50	100.00	3
84	21X41A0488	NANDETI PRESESS	50	100.00	3		0.00			0.00	
85	21X41A0489	PALAVALASA SAI SRIRAM		0.00		50	100.00	3		0.00	
86	21X41A0490	PAMARTHI JAHNAVI		0.00			0.00		50	100.00	3
87	21X41A0491	PONALI PRASANNA DEEPIKA	50	100.00	3		0.00			0.00	
88	21X41A0492	PRATHIPATI PRATHIBHA		0.00		50	100.00	3		0.00	
89	21X41A0493	RACHAMANTI VANI		0.00			0.00		45	90.00	3
90	21X41A0494	RASAPUTRA KARTHIK SINGH	50	100.00	3		0.00			0.00	
91	21X41A0495	SAREPALLI SAI DURGA		0.00		50	100.00	3		0.00	
92	21X41A0496	SHAIK JIKRIYA		0.00			0.00		45	90.00	3
93	21X41A0497	SUNKARA NAGA RAJU	50	100.00	3		0.00			0.00	
94	21X41A0498	SURATHA RAMYA		0.00		50	100.00	3		0.00	
95	21X41A0499	SUSANNA MANDALAPUDI		0.00			0.00		50	100.00	3
96	21X41A04A0	THOTA LEELADHAR	45	90.00	3		0.00			0.00	
97	21X41A04A1	T SAI MADHU LATHA		0.00		50	100.00	3		0.00	
98	21X41A04A2	VALLURI PAVAN KUMAR		0.00			0.00		50	100.00	3
99	21X41A04A3	V LAKSHMI PRASANNA	50	100.00	3		0.00			0.00	
100	21X41A04A4	VONTERU MEGHAMALA		0.00		50	100.00	3		0.00	

(Handwritten signature)

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

(Handwritten signature)

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

101	21X41A04A5	YANGALADASU JEEVA MADHURI		0.00			0.00		50	100.00	3
102	21X41A04A6	CHALAMALASETTY MOHITH	50	100.00	3		0.00			0.00	
103	21X41A04A7	BANDREDDY SAI BABU		0.00		45	90.00	3		0.00	
104	21X41A04A8	VASAM VINOSH		0.00			0.00		50	100.00	3
105	21X41A04B0	N AKSHAY VENUGOPAL	45	90.00	3		0.00			0.00	
106	21X41A04B1	K M VENKATA AKASH		0.00		50	100.00	3		0.00	
107	21X41A04B2	GADDE VAMSIKRISHNA		0.00			0.00		45	90.00	3
108	21X41A04B3	M CHANDRA KIRAN	45	90.00	3		0.00			0.00	
109	21X41A04B4	L GNANESWARA RAO		0.00		45	90.00	3		0.00	
110	22X45A0401	MADIPILLI JHANSI RANI		0.00			0.00		50	100.00	3
111	22X45A0402	GOTTIPARTHI MOUNIKA	50	100.00	3		0.00			0.00	
112	22X45A0403	BODDU MANASA		0.00		50	100.00	3		0.00	
113	22X45A0404	MUPPIDI VIDHYA SRI		0.00			0.00		50	100.00	3
114	22X45A0405	JOJO ANISHA	50	100.00	3		0.00			0.00	
115	22X45A0406	REMINISETTY NAVBEN BABU		0.00		50	100.00	3		0.00	
116	22X45A0407	VAKA MANASA		0.00			0.00		50	100.00	3
117	22X45A0408	Ch NITHIN	45	90.00	3		0.00			0.00	
118	22X45A0409	MARADA DHARANIIJA		0.00		50	100.00	3		0.00	
119	22X45A0410	LAGUDU VENKATA NEELA LOHITHA		0.00			0.00		50	100.00	3
120	22X45A0411	PAGOLU JAHNAVI	50	100.00	3		0.00			0.00	
121	22X45A0412	CHILAKA RAVI KANTH		0.00		50	100.00	3		0.00	
122	22X45A0413	MADUGULA VINAY KUMAR		0.00			0.00		45	90.00	3
123	22X45A0414	THUMU GEETHIKA	50	100.00	3		0.00			0.00	
124	22X45A0415	KOPPANATI YAMINI		0.00		50	100.00	3		0.00	
125	22X45A0416	J SIVA SANKAR		0.00			0.00		45	90.00	3
126	22X45A0417	R S RAGHUNANDHAN REDDY	50	100.00	3		0.00			0.00	
127	22X45A0418	KV SIVARAM AJAY		0.00		45	90.00	3		0.00	
128	22X45A0419	K HEMANTH		0.00			0.00		45	90.00	3
129	22X45A0421	V AJAY KUMAR	50	100.00	3		0.00			0.00	
130	22X45A0422	R PRAMELA		0.00		50	100.00	3		0.00	
131	22X45A0423	A NIKHITHA		0.00			0.00		50	100.00	3
132	22X45A0424	B PRAVALLIKA	50	100.00	3		0.00			0.00	
133	22X45A0425	A ASWINI		0.00		50	100.00	3		0.00	
134	22X45A0426	RAJULAPATI TARUN KUMAR		0.00			0.00		50	100.00	3
135	22X45A0427	MANEPALLI HEMA VARSHINI	50	100.00	3		0.00			0.00	
136	22X45A0428	GORRELA KRISHNA VENI		0.00		50	100.00	3		0.00	
137	22X45A0429	JAMPANA BAABJI		0.00			0.00		45	90.00	3
AVERAGE			47.9	95.80	3	49.1	98.20	3	48.3	96.60	3
CO			CO1			CO2			CO3		
CO WISE PERCENTAGE			3			3			3		

Praveen
PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY
-NIKEPADU, VIJAYAWADA-521 108

Praveen
PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY
-NIKEPADU, VIJAYAWADA-521 108.

CO ATTAINMENT	EXTERNAL MARKS LEVEL	DIRECT ATTAINMENT	INDIRECT ATTAINMENT %	INDIRECT ATTAINMENT LEVEL	FINAL ATTAINMENT LEVELS	EXPECTED LEVEL of ATTAINMENTS %	ATTAINMENT %
CO1	3	3	97.69	2.93	2.99	70	99.67
CO2	3	3	98.31	2.95	2.99	70	99.67
CO3	3	3	98.77	2.96	2.99	70	99.67

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

*Upper boundary exclusive

CO-PO Matrix for Soft Skills

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	ATTAINMENT LEVEL
CO1													5
CO2										3			2.99
CO3					2					3			2.99

FOR SOFT SKILLS SUBJECT PO ATTAINMENTS

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2
				5.98					17.94		
				2.99					2.99		

8
HELE

[Handwritten Signature]

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 101

[Handwritten Signature]

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 101



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108
 Approved by AICTE, Affiliated to JNTUK, Kakinada
 ISO 9001:2015 Certified Institution
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

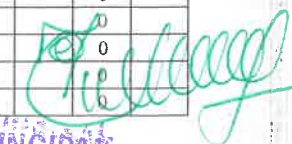
CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSO

BRANCH: ECE	YEAR-SEM: II-II	NAME OF LAB: AC	FACULTY NAME: N. KALAVATHI
-------------	-----------------	-----------------	----------------------------

S.NO.	ROLL NO.	INTERNAL																								EXTERNAL											
		OBSERVATION RECORD						CO 1			CO 2			CO 3			CO 4			CO 1			CO 2			CO 3			CO 4								
		Daywise Performance						M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L						
1	21X41A0401	4	80	3	4	80	3	2	40	1	3	60	2		0			0			28	80	3		0			35	100	3		0					
2	21X41A0402	5	100	3	4	80	3		0			0		1	20			0				0			28	80	3		0			0					
3	21X41A0403	4	80	3	3	60	2		0			0			0			3	60	2		0			24.5	70	3		0			0					
4	21X41A0404	5	100	3	4	80	3		0			0		2	40	1		0				0				0			0			28	80	3			
5	21X41A0405	5	100	3	5	100	3	4	80	3	2	40	1		0				0			0			35	100	3		0			0					
6	21X41A0406	5	100	3	5	100	3		0			0		2	40	1					31.5	90	3		0			31.5	90	3		0					
7	21X41A0407	5	100	3	5	100	3		0			0			0		5	100	3	35	100	3		0			35	100	3		0						
8	21X41A0408	5	100	3	5	100	3		0			0			0		2	40	1	28	80	3		0			28	80	3		0						
9	21X41A0409	5	100	3	5	100	3		0			0		3	60	2					31.5	90	3		0			31.5	90	3		0					
10	21X41A0410	5	100	3	4	80	3	1	20		1	20			0						0			28	80	3		0			0						
11	21X41A0411	5	100	3	5	100	3		0			0		3	60	2					0			35	100	3		0			0						
12	21X41A0412	5	100	3	4	80	3		0			0			0		2	40	1	31.5	90	3		0			31.5	90	3		0						
13	21X41A0413	5	100	3	4	80	3		0			0			0		2	40	1		0			0				0			AB		AB				
14	21X41A0414	4	80	3	3	60	2		0			0		2	40	1					0			0				0			24.5	70	3				
15	21X41A0415	5	100	3	5	100	3	3	60	2	3	60	2		0						0			0				0			31.5	90	3				
16	21X41A0416	5	100	3	5	100	3		0			0		4	80	3					0			0				0			35	100	3				
17	21X41A0417	5	100	3	5	100	3		0			0			0		3	60	2		0			35	100	3		0			0						
18	21X41A0418	5	100	3	5	100	3		0			0		3	60	2					0			35	100	3		0			0						
19	21X41A0419	5	100	3	5	100	3		0			0			0		4	80	3		0			35	100	3		0			0						
20	21X41A0420	5	100	3	5	100	3	5	100	3	5	100	3		0						0			35	100	3		0			0						
21	21X41A0421	5	100	3	4	80	3		0			0		2	40	1					0			31.5	90	3		0			0						
22	21X41A0422	5	100	3	4	80	3		0			0			0		2	40	1	31.5	90	3		0			31.5	90	3		0						
23	21X41A0423	4	80	3	4	80	3		0			0			0		2	40	1	28	80	3		0			28	80	3		0						
24	21X41A0424	5	100	3	5	100	3		0			0		5	100	3					0			0				0			35	100	3				
25	21X41A0425	5	100	3	3	60	2	2	40	1	2	40	1		0						0			0				0			24.5	70	3				
26	21X41A0426	3	60	2	3	60	2	2	40	1	2	40	1		0						0			0				0			24.5	70	3				
27	21X41A0427	5	100	3	5	100	3		0			0		5	100	3					35	100	3		0			35	100	3		0					
28	21X41A0428	5	100	3	3	60	2		0			0			0		2	40	1		0			0				0			24.5	70	3				
29	21X41A0429	4	80	3	4	80	3		0			0			0		2	40	1	28	80	3		0			28	80	3		0						
30	21X41A0430	5	100	3	4	80	3		0			0		1	20						28	80	3		0			28	80	3		0					
31	21X41A0431	5	100	3	4	80	3	1	20		1	20			0						24.5	70	3		0			24.5	70	3		0					
32	21X41A0432	5	100	3	5	100	3	3	60	2	3	60	2		0						31.5	90	3		0			31.5	90	3		0					
33	21X41A0433	5	100	3	3	60	2		0			0		2	40	1					0			28	80	3		0			0						
34	21X41A0434	4	80	3	5	100	3		0			0			0		2	40	1		0			0				0			28	80	3				
35	21X41A0435	4	80	3	4	80	3		0			0		1	20						0			24.5	70	3		0			0						
36	21X41A0436	5	100	3	5	100	3	3	60	2	3	60	2		0						35	100	3		0			35	100	3		0					
37	21X41A0437	5	100	3	5	100	3		0			0		5	100	3					0			35	100	3		0			0						
38	21X41A0438	5	100	3	5	100	3		0			0			0		5	100	3	35	100	3		0			35	100	3		0						

PRINCIPAL
 SRK INSTITUTE OF TECHNOLOGY
 ENIKEPADU, VIJAYAWADA-521 100

39	21X41A0439	4	80	3	4	80	3		0			0		2	40	1		0		31.5	90	3		0		31.5	90	3		0			
40	21X41A0440	5	100	3	5	100	3		0			0			0			8	160		35	100	3		0		35	100	3		0		
41	21X41A0441	4	80	3	4	80	3	3	60	2	3	60	2		0				0			0			0			0		24.5	70	3	
42	21X41A0442	A		A		0			0			0		3	60	2				35	100	3		0		35	100	3		0			
43	21X41A0443	5	100	3	5	100	3		0			0			0		3	60	2		0			0			0		35	100	3		
44	21X41A0444	5	100	3	5	100	3		0			0		3	60	2					0		35	100	3		0			0			
45	21X41A0445	3	60	2	3	60	2	2	40	1	2	40	1		0						0		24.5	70	3		0			0			
46	21X41A0446	5	100	3	4	80	3		0			0		3	60	2					0		31.5	90	3		0			0			
47	21X41A0447	4	80	3	3	60	2		0			0			0		3	60	2			0		28	80	3		0		35	100	3	
48	21X41A0448	5	100	3	5	100	3		0			0		5	100	3					0		31.5	90	3		0			0			
49	21X41A0449	5	100	3	3	60	2	2	40	1	2	40	1		0						0			0			0		31.5	90	3		
50	21X41A0450	5	100	3	5	100	3		0			0		3	60	2					0			0			0		31.5	90	3		
51	21X41A0451	5	100	3	4	80	3		0			0			0		8	160			35	100	3		0		35	100	3		0		
52	21X41A0452	5	100	3	5	100	3		0			0		5	100	3						0			0			0		28	80	3	
53	21X41A0453	5	100	3	3	60	2	3	60	0	3	60	0		0						0			0			0		28	80	3		
54	21X41A0454	5	100	3	4	80	3		0			0		2	40	1					0		28	80	3		0			0			
55	21X41A0455	5	100	3	5	100	3		0			0			0		5	100	3			0			0			0			0		
56	21X41A0456	5	80	3	5	100	3		0			0			0		5	100	3			0			0			0		35	100	3	
57	21X41A0457	5	100	3	5	100	3		0			0			0		5	100	3			0			0			0		31.5	90	3	
58	21X41A0458	5	100	3	5	100	3		0			0		4	80	3					0		0			0			0		35	100	3
59	21X41A0459	5	100	3	5	100	3	5	100	3	5	100	3		0						28	80	3		0		28	80	3		0		
60	21X41A0460	5	100	3	5	100	3		0			0		5	100	3					35	100	3		0		35	100	3		0		
61	21X41A0461	5	100	3	5	100	3		0			0			0		4	80	3			0			0			0		31.5	90	3	
62	21X41A0462	5	100	3	5	100	3		0			0			0		3	60	2			0		31.5	90	3		0			0		
63	21X41A0463	5	100	3	5	100	3		0			0		2	40	1						0		31.5	90	3		0			0		
64	21X41A0464	5	100	3	5	100	3		0			0		2	40	1						0			0			0		28	80	3	
65	22X45A0401	5	100	3	5	100	3		0			0			0		4	80	3		31.5	90	3		0		31.5	90	3		0		
66	22X45A0402	5	100	3	5	100	3		0			0		4	80	3					35	100	3		0		35	100	3		0		
67	22X45A0403	5	100	3	5	100	3	4	80	3	4	80	3		0						31.5	90	3		0		31.5	90	3		0		
68	22X45A0404	4	80	3	3	60	2		0			0		4	80	3						0		28	80	3		0		28	80	3	
69	22X45A0405	4	80	3	5	100	3		0			0			0		4	80	3		31.5	90	3		0		31.5	90	3		0		
70	22X45A0406	5	100	3	5	100	3		0			0			0		4	80	3			0		28	80	3		0			0		
71	22X45A0407	5	100	3	5	100	3		0			0		3	60	2						0		35	100	3		0			0		
72	21X41A0465	5	100	3	5	100	3	3	60	2	3	60	2		0							0			0			0		31.5	90	3	
73	21X41A0466	4	80	3	5	100	3		0			0		5	100	3					28	80	3		0		28	80	3		0		
74	21X41A0467	5	100	3	5	100	3		0			0			0		4	80	3			0			0			0		35	100	3	
75	21X41A0468	5	100	3	5	100	3		0			0			0		3	60	2			0		35	100	3		0			0		
76	21X41A0469	4	80	3	5	100	3		0			0		3	60	2						0			0			0		31.5	90	3	
77	21X41A0470	2	40	1	4	80	3	3	60	2	3	60	2		0						24.5	70	3		0		24.5	70	3		0		
78	21X41A0471	4	80	3	4	80	3		0			0		5	100	3						0		28	80	3		0			0		
79	21X41A0472	5	100	3	5	100	3		0			0			0		4	80	3			0			0			0		35	100	3	
80	21X41A0473	5	100	3	5	100	3		0			0		3	60	2					28	80	3		0		28	80	3		0		
81	21X41A0474	4	80	3	4	80	3	4	80	3	4	80	3		0							0			0			0		28	80	3	
82	21X41A0475	5	100	3	5	100	3		0			0		3	60	2					28	80	3		0		28	80	3		0		
83	21X41A0476	5	100	3	5	100	3		0			0			0		3	60	2		35	100	3		0		35	100	3		0		
84	21X41A0477	4	80	3	5	100	3		0			0		3	60	2						0		28	80	3		0			0		
85	21X41A0478	4	80	3	2	40	1	4	80	3	4	80	3		0						24.5	70	3		0		24.5	70	3		0		
86	21X41A0479	5	100	3	5	100	3		0			0		5	100	3						0		31.5	90	3		0			0		
87	21X41A0480	5	100	3	5	100	3		0			0			0		5	100	3			0		35	100	3		0			0		


 PRINCIPAL
 SRK INSTITUTE OF TECHNOLOGY
 ENIKEPADU, VIJAYAWADA-521 10R

88	21X41A0481	5	100	3	5	100	3		0		0		0		5	100	3		0		35	100	3		0		0		
89	21X41A0482	5	100	3	5	100	3		0		0		5	100	3		0		0		31.5	90	3		0		0		
90	21X41A0483	5	100	3	5	100	3		0		0			0	4	80	3		0		31.5	90	3		0		0		
91	21X41A0484	3	60	2	4	80	3		0		0		5	100	3		0		0		28	80	3		0		0		
92	21X41A0485	5	100	3	5	100	3	5	100	3	5	100	3		0		0		0		0		0		35	100	3		
93	21X41A0486	5	100	3	5	100	3		0		0		3	60	2		0		0		35	100	3		0		0		
94	21X41A0487	4	80	3	4	80	3		0		0			0	4	80	3	28	80	3		0		28	80	3		0	
95	21X41A0488	5	100	3	5	100	3		0		0			0	5	100	3		0		31.5	90	3		0		0		
96	21X41A0489	5	100	3	5	100	3		0		0		5	100	3		0		0		35	100	3		0		0		
97	21X41A0490	5	100	3	5	100	3		0		0			0	5	100	3		0		35	100	3		0		0		
98	21X41A0491	5	100	3	5	100	3	5	100	3	5	100	3		0		0		0		0		0		35	100	3		
99	21X41A0492	5	100	3	5	100	3		0		0		5	100	3		0		0		35	100	3		0		0		
100	21X41A0493	5	100	3	5	100	3		0		0			0	4	80	3		0		31.5	90	3		0		0		
101	21X41A0494	4	80	3	5	100	3		0		0		4	80	3		0		0		0		0		31.5	90	3		
102	21X41A0495	5	100	3	4	80	3		0		0			0	5	100	3		0		0		0		28	80	3		
103	21X41A0496	5	100	3	5	100	3		0		0		5	100	3		0	35	100	3		0	35	100	3		0		
104	21X41A0497	5	100	3	5	100	3	4	80	3	4	80	3		0		0	35	100	3		0	35	100	3		0		
105	21X41A0498	4	80	3	4	80	3		0		0		3	60	2		0		0		31.5	90	3		0		0		
106	21X41A0499	5	100	3	5	100	3		0		0			0	4	80	3		0		35	100	3		0		0		
107	21X41A04A0	5	100	3	4	80	3		0		0		3	60	2		0	31.5	90	3		0	31.5	90	3		0		
108	21X41A04A1	5	100	3	4	80	3	4	80	3	4	80	3		0		0		0		31.5	90	3		0		0		
109	21X41A04A2	5	100	3	4	80	3		0		0		3	60	2		0		0		0		0		28	80	3		
110	21X41A04A3	4	80	3	5	100	3		0		0			0	4	80	3		0		35	100	3		0		0		
111	21X41A04A4	3	60	2	3	60	2		0		0		5	100	3		0	28	80	3		0	28	80	3		0		
112	21X41A04A5	4	80	3	4	80	3		0		0			0	0	0		0		0		0		0		24.5	70	3	
113	21X41A04A6	5	100	3	5	100	3	5	100	3	5	100	3		0		35	100	3		0	35	100	3		0		0	
114	21X41A04A7	4	80	3	4	80	3		0		0		4	80	3		0		0		0		0		31.5	90	3		
115	21X41A04A8	5	100	3	5	100	3		0		0			0	3	60	2		0		31.5	90	3		0		0		
116	21X41A04B0	5	100	3	5	100	3		0		0		3	60	2		0	31.5	90	3		0	31.5	90	3		0		
117	21X41A04B1	5	100	3	5	100	3	5	100	3	5	100	3		0		0		0		35	100	3		0		0		
118	21X41A04B2	5	100	3	5	100	3		0		0		4	80	3		0		0		0		0		31.5	90	3		
119	21X41A04B3	3	60	2	5	100	3		0		0			0	4	80	3	31.5	90	3		0	31.5	90	3		0		
120	21X41A04B4	5	100	3	5	100	3		0		0		4	80	3		0		0		0		0		35	100	3		
121	21X41A04B5	5	100	3	5	100	3		0		0			0		0		0		35	100			0		0		0	
122	22X45A0408	2	40	1	4	80	3	5	100		5	100			0		31.5	90			0	31.5	90			0		0	
123	22X45A0409	5	100	3	5	100	3		0		0		4	80			0		0		35	100			0		0		
124	22X45A0410	5	100	3	5	100	3		0		0			0	4	80		0		0		0		0		35	100		
125	22X45A0411	5	100	3	5	100	3		0		0			0	4	80		35	100			0	35	100			0		
126	22X45A0412	4	80	3	5	100	3	4	80		4	80			0		0		35	100			0		0		0		
127	22X45A0413	4	80	3	4	80	3	2	40	1	2	40	1		0		28	80	3	28	80	3	28	80	3	28	80	3	
128	22X45A0414	5	100	3	4	80	3		0		0		1	20			0		0		0		0		0		0		
129	22X45A0415	4	80	3	3	60	2		0		0			0	3	60	2		0		0		0		0		0		
130	22X45A0416	5	100	3	4	80	3		0		0		2	40	1		0		0		0		0		0		0		
131	22X45A0417	5	100	3	5	100	3	4	80	3	4	80	3		0		0		0		0		0		0		0		
132	22X45A0418	5	100	3	5	100	3		0		0		2	40	1		31.5	90	3	31.5	90	3	31.5	90	3	31.5	90	3	
133	22X45A0419	5	100	3	5	100	3		0		0			0	5	100	3	35	100	3	35	100	3	35	100	3	35	100	3
134	22X45A0420	5	100	3	5	100	3		0		0			0	2	40	1	28	80	3	28	80	3	28	80	3	28	80	3
135	22X45A0421	5	100	3	5	100	3		0		0		3	60	2		0	31.5	90	3	31.5	90	3	31.5	90	3	31.5	90	3
136	22X45A0422	5	100	3	4	80	3	1	20		1	20			0		0		0		0		0		0		0		0

PRINCIPAL

CO ATTAINMENT	DAYWISE PERFORMANCE		INTERNAL EXAM	INTERNAL MARKS LEVEL	EXTERNAL MARKS LEVEL	DIRECT ATTAINMENT	INDIRECT ATTAINMENT %	INDIRECT ATTAINMENT	FINAL ATTAINMENT LEVELS	EXPECTED LEVEL of ATTAINMENTS %	ATTAINMENT %
CO1	2.9	2.9	2.9	2.2	3	2.76	98.58	2.96	2.8	70.00	93.33
CO2	2.9	2.9	2.9	2.2	3	2.76	96.54	2.9	2.79	70.00	93
CO3	2.9	2.9	2.9	2.2	3	2.76	97.64	2.93	2.79	70.00	93
CO4	2.9	2.9	2.9	2.3	3	2.79	97.64	2.93	2.82	70.00	94

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject AC LAB

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	ATTAINMENT LEVEL
CO1	3		1				1			1			2			2.21
CO2	3	1								3			2			2.23
CO3	2	3	1	1						2	1		2			2.26
CO4	3	3	1								1					2.22

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
17.84	9.01	4.47	2.26			2.21			13.42	2.26		13.4		
2.23	2.25	2.24	2.26			2.21			2.24	2.26		2.23		

8


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

YEAR-SEM: II-II		A.Y: 2022-23		NAME OF LAB: DIGITAL IC DESIGN LAB				FACULTY NAME:P KOTESWARA RAO/ CH J GAYATHRI									EXTERNAL											
S.NO.	ROLL NO.	Observation						INTERNAL									EXTERNAL											
		Daywise Performance						CO 1			CO 2			CO 3			CO 1			CO 2			CO 3					
		M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L			
1	21X41A0401	5	100	3	5	100	3		0.00		2	40.00	1		0.00		27	77.14	3		0.00			0.00				
2	21X41A0402	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00		33	94.29	3			0.00			
3	21X41A0403	3	60	2	4	80	3		0.00		3	60.00	2		0.00		26	74.29	3		0.00				0.00			
4	21X41A0404	4	80	3	4	80	3		0.00			0.00			0.00			0.00			0.00					0.00		
5	21X41A0405	5	100	3	5	100	3	3	60.00	2		0.00			0.00		30	85.71	3		0.00					0.00		
6	21X41A0406	5	100	3	5	100	3		0.00			0.00		4	80.00	3		0.00		30	85.71	3					0.00	
7	21X41A0407	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00			0.00			32	91.43	3		
8	21X41A0408	5	100	3	5	100	3		0.00		3	60.00	2		0.00		26	74.29	3		0.00						0.00	
9	21X41A0409	5	100	3	5	100	3	2	40.00	1		0.00			0.00		27	77.14	3		0.00						0.00	
10	21X41A0410	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00			0.00			34	97.14	3		
11	21X41A0411	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00			0.00			26	74.29	3		
12	21X41A0412	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00		30	85.71	3					0.00	
13	21X41A0413	5	100	3	5	100	3		0.00		5	100.00	3		0.00		33	94.29	3		0.00						0.00	
14	21X41A0414	5	100	3	5	100	3	2	40.00	1		0.00			0.00			0.00		28	80.00	3					0.00	
15	21X41A0415	5	100	3	5	100	3	5	100.00	3		0.00			0.00		34	97.14	3		0.00						0.00	
16	21X41A0416	5	100	3	5	100	3		0.00		3	60.00	2		0.00		33	94.29	3		0.00						0.00	
17	21X41A0417	5	100	3	5	100	3		0.00		2	40.00	1		0.00			0.00			0.00			30	85.71	3		
18	21X41A0418	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		34	97.14	3					0.00	
19	21X41A0419	5	100	3	5	100	3	3	60.00	2		0.00			0.00			0.00		35	100.00	3					0.00	
20	21X41A0420	5	100	3	5	100	3	2	40.00	1		0.00			0.00			0.00			0.00			25	71.43	3		
21	21X41A0421	5	100	3	5	100	3		0.00			0.00		3	60.00	2		0.00			0.00			26	74.29	3		
22	21X41A0422	5	100	3	5	100	3		0.00		4	80.00	3		0.00		32	91.43	3		0.00						0.00	
24	21X41A0424	4	80	3	4	80	3		0.00			0.00		3	60.00	2	26	74.29	3		0.00						0.00	
25	21X41A0425	5	100	3	5	100	3		0.00		3	60.00	2		0.00		29	82.86	3		0.00						0.00	
26	21X41A0426	5	100	3	5	100	3	2	40.00	1		0.00			0.00			0.00		31	88.57	3					0.00	
27	21X41A0427	5	100	3	5	100	3	3	60.00	2		0.00			0.00			0.00			0.00			32	91.43	3		
28	21X41A0428	5	100	3	5	100	3		0.00		2	40.00	1		0.00			0.00		26	74.29	3					0.00	
29	21X41A0430	5	100	3	5	100	3		0.00		4	80.00	3		0.00			0.00			0.00						0.00	
30	21X41A0431	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00		31	88.57	3					0.00	
31	21X41A0432	5	100	3	5	100	3		0.00		2	40.00	1		0.00			0.00			0.00			30	85.71	3		
32	21X41A0433	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00			0.00			32	91.43	3		
33	21X41A0434	5	100	3	5	100	3		0.00		2	40.00	1		0.00			0.00		28	80.00	3					0.00	
34	21X41A0435	5	100	3	5	100	3	2	40.00	1		0.00			0.00		26	74.29	3		0.00						0.00	
35	21X41A0436	5	100	3	5	100	3	2	40.00	1		0.00			0.00		28	80.00	3		0.00						0.00	
36	21X41A0437	5	100	3	5	100	3		0.00		4	80.00	3		0.00			0.00		31	88.57	3					0.00	
37	21X41A0438	5	100	3	5	100	3	2	40.00	1		0.00			0.00			0.00		23	65.71	2					0.00	
38	21X41A0439	5	100	3	5	100	3	2	40.00	1		0.00			0.00			0.00			0.00			27	77.14	3		
39	21X41A0440	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00		31	88.57	3					0.00	

[Handwritten Signature]

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
 ENIKEPADU, VIJAYAWADA-521108

40	21X41A0441	5	100	3	5	100	3	3	60.00	2		0.00			0.00		30	85.71	3		0.00			0.00	
41	21X41A0442	5	100	3	5	100	3	4	80.00	3		0.00			0.00		29	82.86	3		0.00			0.00	
42	21X41A0443	5	100	3	5	100	3	4	80.00	3		0.00			0.00		28	80.00	3		0.00			0.00	
43	21X41A0445	5	100	3	5	100	3		0.00			0.00		2	40.00	1	30	85.71	3		0.00			0.00	
44	21X41A0446	5	100	3	5	100	3		0.00		3	60.00	2		0.00		32	91.43	3		0.00			0.00	
45	21X41A0447	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00		27	77.14	3		0.00	
46	21X41A0448	5	100	3	5	100	3	5	100.00	3		0.00			0.00		32	91.43	3		0.00			0.00	
47	21X41A0449	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00		33	94.29	3		0.00	
48	21X41A0450	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00		31	88.57	3		0.00	
49	21X41A0451		0			0			0.00			0.00			0.00			0.00			0.00			0.00	
50	21X41A0453	5	100	3	4	80	3	4	80.00	3		0.00			0.00		32	91.43	3		0.00			0.00	
51	21X41A0454	5	100	3	5	100	3		0.00		2	40.00	1		0.00		26	74.29	3		0.00			0.00	
52	21X41A0455	4	80	3	4	80	3		0.00		3	60.00	2		0.00		28	80.00	3		0.00			0.00	
53	21X41A0456	5	100	3	5	100	3		0.00			0.00		2	40.00	1		0.00			0.00		25	71.43	3
54	21X41A0457	5	100	3	5	100	3	2	40.00	1		0.00			0.00		28	80.00	3		0.00			0.00	
55	21X41A0458	5	100	3	5	100	3	2	40.00	1		0.00			0.00			0.00		24	68.57	2		0.00	
56	21X41A0459	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00			0.00		30	85.71	3
57	21X41A0460	5	100	3	5	100	3	3	60.00	2		0.00			0.00		28	80.00	3		0.00			0.00	
58	21X41A0461	5	100	3	5	100	3	5	100.00	3		0.00			0.00		32	91.43	3		0.00			0.00	
59	21X41A0462	5	100	3	5	100	3		0.00		5	100.00	3		0.00		33	94.29	3		0.00			0.00	
60	21X41A0463	5	100	3	5	100	3		0.00			0.00		4	80.00	3	34	97.14	3		0.00			0.00	
61	21X41A0464	5	100	3	5	100	3		0.00		4	80.00	3		0.00			0.00			0.00		32	91.43	3
62	21X41A0465	5	100	3	5	100	3	3	60.00	2		0.00			0.00		26	74.29	3		0.00			0.00	
63	21X41A0466	3	60	2	3	60	2	3	60.00	2		0.00			0.00		24	68.57	2		0.00			0.00	
64	21X41A0467	4	80	3	3	60	2		0.00		3	60.00	2		0.00			0.00		28	80.00	3		0.00	
65	21X41A0468	5	100	3	5	100	3		0.00		4	80.00	3		0.00		32	91.43	3		0.00			0.00	
66	21X41A0469	5	100	3	5	100	3		0.00		1	20.00			0.00			0.00		27	77.14	3		0.00	
67	21X41A0470	5	100	3	5	100	3		0.00		5	100.00	3		0.00		35	100.00	3		0.00			0.00	
68	21X41A0471	5	100	3	5	100	3		0.00			0.00		2	40.00	1	25	71.43	3		0.00			0.00	
69	21X41A0472	5	100	3	5	100	3	2	40.00	1		0.00			0.00			0.00			0.00		30	85.71	3
70	21X41A0474	5	100	3	5	100	3		0.00			0.00		4	80.00	3	32	91.43	3		0.00			0.00	
71	21X41A0475	5	100	3	5	100	3	3	60.00	2		0.00			0.00		27	77.14	3		0.00			0.00	
72	21X41A0476	3	60	2	5	100	3		0.00		2	40.00	1		0.00			0.00			0.00		24	68.57	2
73	21X41A0477	5	100	3	4	80	3	4	80.00	3		0.00			0.00		33	94.29	3		0.00			0.00	
74	21X41A0478	5	100	3	5	100	3	3	60.00	2		0.00			0.00			0.00		27	77.14	3		0.00	
75	21X41A0479	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00		34	97.14	3		0.00	
76	21X41A0480	5	100	3	5	100	3	3	60.00	2		0.00			0.00			0.00			0.00		31	88.57	3
77	21X41A0482	5	100	3	5	100	3		0.00		4	80.00	3		0.00		30	85.71	3		0.00			0.00	
78	21X41A0483	5	100	3	5	100	3		0.00			0.00		3	60.00	2		0.00		27	77.14	3		0.00	
79	21X41A0484	5	100	3	5	100	3		0.00		2	40.00	1		0.00			0.00		25	71.43	3		0.00	
80	21X41A0485	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00			0.00		26	74.29	3
81	21X41A0486	5	100	3	5	100	3	4	80.00	3		0.00			0.00		30	85.71	3		0.00			0.00	
82	21X41A0487	5	100	3	5	100	3	2	40.00	1		0.00			0.00		33	94.29	3		0.00			0.00	
83	21X41A0488	5	100	3	5	100	3		0.00		1	20.00			0.00			0.00		25	71.43	3		0.00	
84	21X41A0489	4	80	3	3	60	2		0.00		3	60.00	2		0.00		24	68.57	2		0.00			0.00	
85	21X41A0490	5	100	3	5	100	3		0.00			0.00		4	80.00	3		0.00		29	82.86	3		0.00	
86	21X41A0491	5	100	3	5	100	3		0.00		2	40.00	1		0.00			0.00		20	57.14	2		0.00	
87	21X41A0492	5	100	3	5	100	3	3	60.00	2		0.00			0.00			0.00			0.00		31	88.57	3
88	21X41A0493	5	100	3	5	100	3	2	40.00	1		0.00			0.00		26	74.29	3		0.00			0.00	
89	21X41A0494	5	100	3	5	100	3		0.00		2	40.00	1		0.00		24	68.57	2		0.00			0.00	
90	21X41A0495	5	100	3	5	100	3		0.00		5	100.00	3		0.00		32	91.43	3		0.00			0.00	
91	21X41A0496	5	100	3	5	100	3	3	60.00	2		0.00			0.00			0.00		24	68.57	2		0.00	

The Principal

PRINCIPAL
SRI INSTITUTE OF TECHNOLOGY
EPIKEPADU, VIJAYAWADA-521 108.

92	21X41A0497	5	100	3	5	100	3	4	80.00	3		0.00			0.00		29	82.86	3		0.00			0.00	
93	21X41A0498	5	100	3	5	100	3	3	60.00	2		0.00			0.00		33	94.29	3		0.00			0.00	
94	21X41A0499	5	100	3	5	100	3		0.00			0.00		3	60.00	2		0.00			0.00		31	88.57	3
95	21X41A04A0	4	80	3	4	80	3		0.00			0.00			0.00		22	62.86	2		0.00			0.00	
96	21X41A04A1	5	100	3	5	100	3	2	40.00	1		0.00			0.00			0.00		30	85.71	3		0.00	
97	21X41A04A2	5	100	3	5	100	3	3	60.00	2		0.00			0.00			0.00			0.00		24	68.57	2
98	21X41A04A3	5	100	3	5	100	3	2	40.00	1		0.00			0.00			0.00			0.00		25	71.43	3
99	21X41A04A4	5	100	3	5	100	3		0.00		2	40.00	1		0.00		24	68.57	2		0.00			0.00	
100	21X41A04A5	5	100	3	5	100	3		0.00		3	60.00	2		0.00		28	80.00	3		0.00			0.00	
101	21X41A04A6	5	100	3	5	100	3		0.00		4	80.00	3		0.00			0.00			0.00		30	85.71	3
102	21X41A04A7	5	100	3	5	100	3	2	40.00	1		0.00			0.00			0.00		10	28.57			0.00	
103	21X41A04A8	5	100	3	5	100	3	2	40.00	1		0.00			0.00			0.00		30	85.71	3		0.00	
104	21X41A04B0	5	100	3	5	100	3		0.00		2	40.00	1		0.00			0.00			0.00		28	80.00	3
105	21X41A04B1	5	100	3	5	100	3		0.00		2	40.00	1		0.00			0.00			0.00		25	71.43	3
106	21X41A04B2	5	100	3	5	100	3	3	60.00	2		0.00			0.00		25	71.43	3		0.00			0.00	
107	21X41A04B3	5	100	3	5	100	3	5	100.00	3		0.00			0.00		32	91.43	3		0.00			0.00	
108	21X41A04B4	5	100	3	5	100	3	3	60.00	2		0.00			0.00		26	74.29	3		0.00			0.00	
109	22X45A0401	5	100	3	5	100	3		0.00		4	80.00	3		0.00		32	91.43	3		0.00			0.00	
110	22X45A0402	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00		30	85.71	3		0.00	
111	22X45A0403	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00		28	80.00	3		0.00	
112	22X45A0404	5	100	3	5	100	3		0.00		5	100.00	3		0.00		35	100.00	3		0.00			0.00	
113	22X45A0405	5	100	3	5	100	3	4	80.00	3		0.00			0.00		33	94.29	3		0.00			0.00	
114	22X45A0406	5	100	3	5	100	3		0.00		2	40.00	1		0.00			0.00		27	77.14	3		0.00	
115	22X45A0407	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00			0.00		34	97.14	3
116	22X45A0408	5	100	3	5	100	3		0.00		2	40.00	1		0.00		25	71.43	3		0.00			0.00	
117	22X45A0409	5	100	3	5	100	3		0.00		3	60.00	2		0.00		30	85.71	3		0.00			0.00	
118	22X45A0410	5	100	3	5	100	3		0.00		4	80.00	3		0.00		30	85.71	3		0.00			0.00	
119	22X45A0411	5	100	3	5	100	3	3	60.00	2		0.00			0.00			0.00		26	74.29	3		0.00	
120	22X45A0412	5	100	3	5	100	3	3	60.00	2		0.00			0.00		25	71.43	3		0.00			0.00	
121	22X45A0413	4	80	3	4	80	3		0.00		2	40.00	1		0.00		27	77.14	3		0.00			0.00	
122	22X45A0414	5	100	3	5	100	3		0.00			0.00		3	60.00	2		0.00		29	82.86	3		0.00	
123	22X45A0415	5	100	3	5	100	3	5	100.00	3		0.00			0.00		34	97.14	3		0.00			0.00	
124	22X45A0416	5	100	3	5	100	3		0.00			0.00		2	40.00	1		0.00		26	74.29	3		0.00	
125	22X45A0417	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00			0.00		26	74.29	3
126	22X45A0418	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00			0.00		26	74.29	3
127	22X45A0419	5	100	3	5	100	3		0.00		2	40.00	1		0.00		27	77.14	3		0.00			0.00	
128	22X45A0421	5	100	3	5	100	3	5	100.00	3		0.00			0.00		32	91.43	3		0.00			0.00	
129	22X45A0422	5	100	3	5	100	3		0.00		5	100.00	3		0.00		31	88.57	3		0.00			0.00	
130	22X45A0423	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00		30	85.71	3		0.00	
131	22X45A0424	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00		31	88.57	3		0.00	
132	22X45A0425	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00			0.00		28	80.00	3
133	22X45A0426	5	100	3	5	100	3		0.00			0.00		2	40.00	1	27	77.14	3		0.00			0.00	
134	22X45A0427	5	100	3	5	100	3		0.00		4	80.00	3		0.00		29	82.86	3		0.00			0.00	
135	22X45A0428	5	100	3	5	100	3		0.00			0.00			0.00			0.00		30	85.71	3		0.00	
136	22X45A0429	5	100	3	5	100	3		0.00		2	40.00	1		0.00		31	88.57	3		0.00			0.00	
137	20X41A0426	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00			0.00			0.00	
AVERAGE		4.9	97.4	3	4.9	98	3	3.3	30.3	2.2	3.1	25.3	2	2.9	6	1.9	29.2	39.9	2.9	28.2	23.1	2.9	28.6	16.8	
		CO1-CO3			CO1-CO3			CO 1			CO 2			CO 3			CO 1			CO 2			CO 3		
		3			3			2.2			2			1.9			2.9			2.9			2.9		

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
 ENKEPADI, D. M. V. ROAD, 691 108.

[Handwritten Signature]

CO ATTAINMENT	DAYWISE PERFORMANCE		INTERNAL EXAM	INTERNAL MARKS LEVEL	EXTERNAL MARKS LEVEL	DIRECT ATTAINMENT	INDIRECT ATTAINMENT %	INDIRECT ATTAINMENT LEVEL	FINAL ATTAINMENT LEVELS	EXPECTED LEVEL of ATTAINMENTS %	ATTAINMENT %
CO1	3	3	2.2	2.73	2.9	2.85	97.45	2.92	2.86	70	95.33
CO2	3	3	2	2.67	2.9	2.83	96.91	2.91	2.85	70	95
CO3	3	3	1.9	2.63	2.9	2.82	98.55	2.96	2.85	70	95

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70
*Upper boundary exclusive		


CO-PO Matrix for the Subject DICD LAB

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	ATTAINMENT LEVELS
CO1			3					2							3	2.86
CO2			3					2							3	2.85
CO3			3	2				2							3	2.85

FOR DICD LAB SUBJECT PO ATTAINMENTS

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
		25.68	5.7				17.12							25.68
		2.85	2.85				2.85							2.85

S. Sri Gowri
Signature Hold

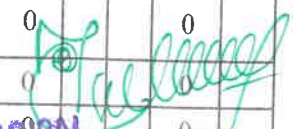

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKERADU, VIJAYAWADA-521 108




SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108
 Approved by AICTE, Affiliated to JNTUK, Kakinada
 ISO 9001:2015 Certified Institution
 Accredited with NAAC 'A' grade
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR: 2022-23

BRANCH: ECE		YEAR-SEM: II - II		NAME OF LAB: ECA													Faculty: B. Ravi																
S.No	ROLL NO.	NAME OF THE STUDENT	Observation									Record				INTERNAL									EXTERNAL								
			Daywise Performance									CO 1			CO 2			CO 3			CO 1			CO 2			CO 3						
			M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L				
1	21X41A0401	ANKAM MANIKANTA	4	80	3	4	80	3	2	40	1		0			0			21	60	2		0			0							
2	21X41A0402	ANNEPU NANDA	5	100	3	5	100	3		0			0		3	60	2		35	100	3		0			0							
3	21X41A0403	NARTHU SUNDARRAO	3	60	2	3	60	2	3	60	2		0			0			17.5	50	1		0			0							
4	21X41A0404	BALAGAM VINAY ROHIT	3	60	2	3	60	2	2	40	1		0			0			21	60	2		0			0							
5	21X41A0405	BOMMI SATHWIK	3	60	2	4	80	3	3	60	2		0			0				0		21	60	2		0							
6	21X41A0406	BONTHU PRASANNA	5	100	3	5	100	3	3	60	2		0			0				0		21	60	2		0							
7	21X41A0407	BUSAM POORNESH	3	60	2	3	60	2	3	60	2		0			0			24.5	70	3		0			0							
8	21X41A0408	DERSNGULA VENKATA	3	60	2	4	80	3		0		3	60	2		0			21	60	2		0			0							
9	21X41A0409	CHINTADA BALAJI	4	80	3	3	60	2	2	40	1		0			0			21	60	2		0			0							
10	21X41A0410	CHITTI SAI KUMAR	4	80	3	4	80	3	3	60	2		0			0				0		32	90	3		0							
11	21X41A0411	CHUKKA	4	80	3	4	80	3	3	60	2		0			0			24.5	70	3		0			0							
12	21X41A0412	DAMARLA LEELA	4	80	3	5	100	3	3	60	2		0			0			24.5	70	3		0			0							
13	21X41A0413	DAMODARA BHASKAR	3	60	2	3	60	2	3	60	2		0			0			21	60	2		0			0							
14	21X41A0414	DASA VENKATAGOPI	4	80	3	4	80	3	3	60	2		0			0				0		0		25	70	3		0					
15	21X41A0415	DEEVELA RAVI TEJA	4	80	3	4	80	3	2	40	1		0			0			31.5	90	3		0			0							
16	21X41A0416	EJJIGANI RAMYASRI	4	80	3	4	80	3	3	60	2		0			0			24.5	70	3		0			0							
17	21X41A0417	GADDE NAGA POOJITHA	4	80	3	3	60	2		0			0		3	60	2		21	60	2		0			0							
18	21X41A0418	GARIKIPATI	5	100	3	5	100	3		0		4	80	3		0			35	100	3		0			0							
19	21X41A0419	GARLAPATI SRI	5	100	3	5	100	3		0		4	80	3		0			31.5	90	3		0			0							
20	21X41A0420	GELLA AJITH	3	60	2	3	60	2	3	60	2		0			0			21	60	2		0			0							
21	21X41A0421	G N V S JANARDHANA SAI KRISHNA	3	60	2	3	60	2		0		3	60	2		0			21	60	2		0			0							
22	21X41A0422	GUNUPURU MANASA	5	100	3	5	100	3	4	80	3		0			0			28	80	3		0			0							
23	21X41A0424	JAMPANA BHARGAV	3	60	2	3	60	2	3	60	2		0			0			10.5	30			0			0							
24	21X41A0425	KALAPARTHI DEVENDRA	4	80	3	4	80	3	4	80	3		0			0			24.5	70			0			0							
25	21X41A0426	KANAPARTHI	3	60	2	3	60	2	3	60	2		0			0				0		21	60	2		0							


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA - 521108

26	21X41A0427	KANNA CHAKRA	3	60	2	4	80	3		0		3	60	2		0		21	60	2		0		0		
27	21X41A0428	KATIKALA NIKHILA SRI	5	100	3	5	100	3		0		4	80	3		0		21	60	2		0		0		
28	21X41A0430	KA VURI RAM MOHAN	4	80	3	4	80	3		0		4	80	3		0		31.5	90	3		0		0		
29	21X41A0431	KODURI KAVYA	5	100	3	5	100	3	4	80	3		0			0		24.5	70	3		0		0		
30	21X41A0432	KOLLU RAVI SANKAR	4	80	3	4	80	3		0		3	60	2		0		31.5	90	3		0		0		
31	21X41A0433	KOMMUGURI PAUL DAVID	4	80	3	4	80	3		0		3	60	2		0		21	60	2		0		0		
32	21X41A0434	LOTLA UHA KUMARI	5	100	3	5	100	3	4	80	3		0			0		31.5	90	3		0		0		
33	21X41A0435	MALICHARLA CHANTI	5	100	3	4	80	3	3	60	2		0			0		28	80	3		0		0		
34	21X41A0436	MARRI SANJAY	4	80	3	4	80	3	3	60	2		0			0		24.5	70	3		0		0		
35	21X41A0437	MODUGU MRUDHULA	5	100	3	5	100	3	4	80	3		0			0		28	80	3		0		0		
36	21X41A0438	MOHAMMAD ISMATULLA	4	80	3	4	80	3		0		3	60	2		0			0		32	90	3		0	
37	21X41A0439	MOHAMMAD REENA	5	100	3	4	80	3	3	60	2		0			0		21	60	2		0		0		
38	21X41A0440	MUDRABOYINA ANJALI	4	80	3	3	60	2		0		3	60	2		0		21	60	2		0		0		
39	21X41A0441	MULAGANI SUBBA	4	80	3	5	100	3	3	60	2		0			0		21	60	2		0		0		
40	21X41A0442	MURARI CHANDU HARINI	4	80	3	5	100	3		0		3	60	2		0		21	60	2		0		0		
41	21X41A0443	NABHIGIRI UDAY PAVAN	4	80	3	5	100	3	3	60	2		0			0		28	80	3		0		0		
42	21X41A0445	NUNE TULASIRAO	4	80	3	3	60	2	3	60	2		0			0		28	80	3		0		0		
43	21X41A0446	PALLAPOTHU V N D SAI	5	100	3	5	100	3	3	60	2		0			0		21	60	2		0		0		
44	21X41A0447	PANCHAKARLA	5	100	3	4	80	3	2	40	1		0			0		35	100	3		0		0		
45	21X41A0448	POLAKI GEETHARANI	5	100	3	4	80	3		0		4	80	3		0			0			0	28	80	3	
46	21X41A0449	PRABHALA VENKATA	5	100	3	4	80	3	4	80	3		0			0		35	100	3		0		0		
47	21X41A0450	PRAGADA POOJITHA	5	100	3	5	100	3	4	80	3		0			0		35	100	3		0		0		
48	21X41A0451	PRATHIPATI REVANTH	3	60	2	3	60	2		0		2	40	1		0			0		32	90	3		0	
49	21X41A0453	PUPPALA VENKATA	5	100	3	5	100	3	4	80	3		0			0		21	60	2		0		0		
50	21X41A0454	REMALLI JOHN WESLEY	4	80	3	4	80	3	3	60	2		0			0		28	80	3		0		0		
51	21X41A0455	SHAIK FAZULU	5	100	3	5	100	3	4	80	3		0			0		21	60	2		0		0		
52	21X41A0456	SHAIK NAGUL MEERA	4	80	3	5	100	3		0		4	80	3		0		31.5	90	3		0		0		
53	21X41A0457	SIMHAMBHATLA	4	80	3	3	60	2	4	80	3		0			0		21	60	2		0		0		
54	21X41A0458	SYED BILAL	4	80	3	5	100	3		0			0		3	60	2	21	60	2		0		0		
55	21X41A0459	TUMMIGUNTA	5	100	3	5	100	3	4	80	3		0			0		21	60	2		0		0		
56	21X41A0460	TAGORE VISWANATH	5	100	3	3	60	2	4	80	3		0			0		28	80	3		0		0		
57	21X41A0461	VEMULA DURGA	5	100	3	3	60	2	3	60	2		0			0			0							


 PRINCIPAL
 SPK INSTITUTE OF TECHNOLOGY
 NIKERAPADU, VIJAYAWADA-521 104.

58	21X41A0462	VISHNUMOLAKALA	5	100	3	5	100	3	4	80	3	0	0	28	80	3	0	0	0	
59	21X41A0463	YARAKARAJU VAGDEVI	5	100	3	5	100	3	0	0	4	80	3	0	35	100	3	0	0	
60	21X41A0464	YATRA BHARGAVI	4	80	3	5	100	3	4	80	3	0	0	35	100	3	0	0	0	
61	22X45A0401	MADIPILLI JHANSI RANI	4	80	3	4	80	3	3	60	2	0	0	31.5	90	3	0	0	0	
62	22X45A0402	GOTTIPARTHI MOUNIKA	5	100	3	3	60	2	0	0	0	2	40	1	21	60	2	0	0	
63	22X45A0403	BODDU MANASA	4	80	3	3	60	2	0	0	3	60	2	21	60	2	0	0	0	
64	22X45A0404	MUPPIDI VIDHYA SRI	5	100	3	5	100	3	4	80	3	0	0	21	60	2	0	0	0	
65	22X45A0405	JOJO ANISHA	4	80	3	4	80	3	0	0	3	60	2	0	28	80	3	0	0	
66	22X45A0406	REMINISETTY NAVEEN	4	80	3	4	80	3	3	60	2	0	0	0	0	25	70	3	0	
67	22X45A0407	VAKA MANASA	5	100	3	5	100	3	3	60	2	0	0	35	100	3	0	0	0	
68	21X41A0465	CHADARAM RUTHWIQ	4	80	3	3	60	2	2	40	1	0	0	24.5	70	3	0	0	0	
69	21X41A0466	BOTTU VAMSI	4	80	3	3	60	2	0	0	3	60	2	0	0	0	0	25	70	3
70	21X41A0467	CHEDURI KAMAL TEJ	3	60	2	3	60	2	3	60	2	0	0	35	100	3	0	0	0	
71	21X41A0468	CHENNU NAGENDRA BABU	5	100	3	4	80	3	4	80	3	0	0	21	60	2	0	0	0	
72	21X41A0469	CHERUKURU NIHARIKA	5	100	3	3	60	2	5	100	3	0	0	24.5	70	3	0	0	0	
73	21X41A0470	CHINTHA NAGA	5	100	3	5	100	3	5	100	3	0	0	35	100	3	0	0	0	
74	21X41A0471	CHINTHAM VENU	5	100	3	4	80	3	4	80	3	0	0	24.5	70	3	0	0	0	
75	21X41A0472	DASARI LAKSHMI	5	100	3	4	80	3	3	60	2	0	0	35	100	3	0	0	0	
76	21X41A0474	DUDLA RAJESH	5	100	3	5	100	3	4	80	3	0	0	35	100	3	0	0	0	
77	21X41A0475	GANDI RAGHUPATHI	4	80	3	3	60	2	2	40	1	0	0	28	80	3	0	0	0	
78	21X41A0476	GARIKINA LAKSHMAN	5	100	3	4	80	3	4	80	3	0	0	24.5	70	3	0	0	0	
79	21X41A0477	GUDAVALLI AMULYA	5	100	3	5	100	3	5	100	3	0	0	24.5	70	3	0	0	0	
80	21X41A0478	GUNDALA KRANTHI	5	100	3	4	80	3	3	60	2	0	0	21	60	2	0	0	0	
81	21X41A0479	KONIKINENI TARAKA	4	80	3	5	100	3	3	60	2	0	0	31.5	90	3	0	0	0	
82	21X41A0480	MUDRABOINA V CHAITAN	5	100	3	5	100	3	4	80	3	0	0	24.5	70	3	0	0	0	
83	21X41A0482	MADARI VENKATESH	5	100	3	4	80	3	4	80	3	0	0	21	60	2	0	0	0	
84	21X41A0483	MANTRI MOUNIKA	5	100	3	4	80	3	4	80	3	0	0	0	0	0	21	60	2	
85	21X41A0484	MARAPAKALA	5	100	3	3	60	2	5	100	3	0	0	24.5	70	3	0	0	0	
86	21X41A0485	MOLLETI YUVASRI	4	80	3	3	60	2	0	0	0	4	80	3	28	80	3	0	0	
87	21X41A0486	MOTHUKURI SAHITHI	5	100	3	5	100	3	0	0	4	80	3	0	35	100	3	0	0	

PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 104.

88	21X41A0487	NAGIREDDY JYOTHI BHAV	100	3	5	100	3	4	80	3	0	0	31.5	90	3	0	0	0	
89	21X41A0488	NANDETI PRESESS	4	80	3	3	60	2	3	60	2	0	0	28	80	3	0	0	
90	21X41A0489	PALAVALASA SAI SRIRAM	3	60	2	4	80	3	4	80	3	0	0	31.5	90	3	0	0	
91	21X41A0490	PAMARTHI JAHNAVI	5	100	3	3	60	2	5	100	3	0	0	21	60	2	0	0	
92	21X41A0491	PONALI PRASANNA	4	80	3	3	60	2	4	80	3	0	0	24.5	70	3	0	0	
93	21X41A0492	PRATHIPATI PRATHIBHA	5	100	3	4	80	3	0	5	100	3	0	0	0	32	90	3	0
94	21X41A0493	RACHAMANTI VANI	5	100	3	4	80	3	4	80	3	0	0	28	80	3	0	0	
95	21X41A0494	RASAPUTRA KARTHIK SING	4	80	3	4	80	3	0	4	80	3	0	17.5	50	1	0	0	
96	21X41A0495	SAREPALLI SAI DURGA	5	100	3	4	80	3	0	5	100	3	0	21	60	2	0	0	
97	21X41A0496	SHAIK JIKRIYA	4	80	3	3	60	2	0	0	4	80	3	21	60	2	0	0	
98	21X41A0497	SUNKARA NAGA RAJU	5	100	3	3	60	2	4	80	3	0	0	24.5	70	3	0	0	
99	21X41A0498	SURATHA RAMYA	4	80	3	5	100	3	0	4	80	3	0	24.5	70	3	0	0	
100	21X41A0499	SUSANNA MANDALAPUDI	5	100	3	4	80	3	5	100	3	0	0	24.5	70	3	0	0	
101	21X41A04A	THOTA LEELADHAR	3	60	2	3	60	2	0	2	40	1	0	0	0	28	80	3	0
102	21X41A04A	THOTA SAI MADHU LATHA	5	100	3	4	80	3	3	60	2	0	0	21	60	2	0	0	
103	21X41A04A	VALLURI PAVAN KUMAR	5	100	3	3	60	2	4	80	3	0	0	21	60	2	0	0	
104	21X41A04A	VENNAPUSA LAKSHMI PRA	5	100	3	3	60	2	0	0	4	80	3	24.5	70	3	0	0	
105	21X41A04A	VONTERU MEGHAMALA	4	80	3	4	80	3	4	80	3	0	0	21	60	2	0	0	
106	21X41A04A	YANGALADASU JEEVA	4	80	3	3	60	2	4	80	3	0	0	21	60	2	0	0	
107	21X41A04A 6	CHALAMALASETTY MOHITH	5	100	3	4	80	3	0	4	80	3	0	35	100	3	0	0	
108	21X41A04A	BANDREDDY SAI BABU	5	100	3	4	80	3	3	60	2	0	0	31.5	90	3	0	0	
109	21X41A04A	VASAM VINOSH	5	100	3	3	60	2	3	60	2	0	0	31.5	90	3	0	0	
110	21X41A04B	NAGULWAR AKSHAY VENI	5	100	3	4	80	3	0	3	60	2	0	0	0	32	90	3	0
111	21X41A04B	KUNAPAREDDY M V AKAS	4	80	3	4	80	3	3	60	2	0	0	31.5	90	3	0	0	
112	21X41A04B	GADDE VAMSIKRISHNA	4	80	3	3	60	2	0	0	3	60	2	35	100	3	0	0	
113	21X41A04B 3	MUTHYALA CHANDRA KIRAN	5	100	3	5	100	3	0	4	80	3	0	31.5	90	3	0	0	
114	21X41A04B 4	LANDA GNANESWARA RAO	5	100	3	4	80	3	4	80	3	0	0	0	0	21	60	2	0
115	22X45A0408	Ch NITHIN	4	80	3	3	60	2	3	60	2	0	0	35	100	3	0	0	
116	22X45A0409	MARADA DHARANJA	5	100	3	5	100	3	4	80	3	0	0	21	60	2	0	0	

117	22X45A0410	LAGUDU VENKATA	100	3	3	60	2	4	80	3	0	0	28	80	3	0	0	0	0							
118	22X45A0411	PAGOLU JAHNAVI	5	100	3	4	80	3	0	4	80	3	0	31.5	90	3	0	0	0							
119	22X45A0412	CHILAKA RAVI KANTH	5	100	3	4	80	3	4	80	3	0	0	28	80	3	0	0	0							
120	22X45A0413	MADUGULA VINAY	5	100	3	2	40	1	0	0	0	4	80	3	31.5	90	3	0	0							
121	22X45A0414	THUMU GEETHIKA	5	100	3	4	80	3	4	80	3	0	0	0	0	0	0	28	80	3						
122	22X45A0415	KOPPANATI YAMINI	5	100	3	5	100	3	4	80	3	0	0	31.5	90	3	0	0	0	0						
123	22X45A0416	J SIVA SANKAR	5	100	3	3	60	2	3	60	2	0	0	35	100	3	0	0	0	0						
124	22X45A0417	R S RAGHUNANDHAN REDDY	5	100	3	3	60	2	0	4	80	3	0	28	80	3	0	0	0	0						
125	22X45A0418	KV SIVARAM AJAY	4	80	3	3	60	2	4	80	3	0	0	31.5	90	3	0	0	0	0						
126	22X45A0419	K HEMANTH	4	80	3	2	40	1	4	80	3	0	0	28	80	3	0	0	0	0						
127	22X45A0420	P DEVENDRA	4	80	3	3	60	2	3	60	2	0	0	24.5	70	3	0	0	0	0						
128	22X45A0421	V AJAY KUMAR	5	100	3	4	80	3	0	5	100	3	0	28	80	3	0	0	0	0						
129	22X45A0422	R PRAMELA	5	100	3	4	80	3	0	0	4	80	3	31.5	90	3	0	0	0	0						
130	22X45A0423	A NIKHITHA	5	100	3	4	80	3	3	60	2	0	0	28	80	3	0	0	0	0						
131	22X45A0424	E PRAVALLIKA	5	100	3	4	80	3	4	80	3	0	0	31.5	90	3	0	0	0	0						
132	22X45A0425	A ASWINI	5	100	3	4	80	3	5	100	3	0	0	28	80	3	0	0	0	0						
133	22X45A0426	RAJULAPATI TARUN KUMAR	4	80	3	3	60	2	0	0	2	40	1	0	25	70	3	0	0	0						
134	22X45A0427	MANEPALLI HEMA VARSHINI	5	100	3	4	80	3	4	80	3	0	0	31.5	90	3	0	0	0	0						
135	22X45A0428	GORRELA KRISHNA VENI	5	100	3	4	80	3	0	4	80	3	0	31.5	90	3	0	0	0	0						
136	22X45A0429	JAMPANA BAABJI	4	80	3	3	60	2	4	80	3	0	0	21	60	2	0	0	0	0						
AVERAGE			4.4	88	2.9	4	80	2.7	4	47.9	2.4	4	17	2.5	3	5	2	26.1	65	2.6	27	7.1	3	25	2.4	2.8
CO			CO1-CO3			CO1-CO3			CO 1			CO 2			CO 3			CO 1			CO 2			CO 3		
CO WISE PERCENTAGE			2.9			2.7			2.4			2.5			2.2			2.6			2.6			2.8		

P1

8
Theology

SRK INSTITUTE OF TECHNOLOGY
PRINCIPAL
ENIREPADITI, VIJAYAWADA-521 109

CO ATTAINMENT	DAYWISE PERFORMANCE		INTERNAL EXAM	INTERNAL MARKS LEVEL	EXTERNAL MARKS LEVEL	DIRECT ATTAINMENT	INDIRECT ATTAINMENT %	INDIRECT ATTAINMENT LEVEL	FINAL ATTAINMENT LEVELS	EXPECTED LEVEL of ATTAINMENTS %	ATTAINMENT %
CO1	2.9	2.7	2.4	2.67	2.6	2.62	97.1019	2.91	2.68	70	89.33
CO2	2.9	2.7	2.5	2.7	2.6	2.63	96.8906	2.91	2.69	70	89.67
CO3	2.9	2.7	2.2	2.6	2.8	2.74	93.4151	2.8	2.75	70	91.67


SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70
*Upper boundary exclusive		

CO - PO Matrix for ECA lab Subject

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	ATTAINMENT LEVELS
CO1	3	2				3			2				3		2	2.68
CO2	3	3				3			2				3		2	2.69
CO3	3	3				3			2				3		2	2.75

PO Attainment for ECA Lab Subject

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
24.36	21.68	0	0	0	24.36	0	0	16.24	0	0	0	24.36	0	16.24
2.71	2.71				2.71			2.71				2.71		2.71


 PRINCIPAL
 BRK INSTITUTE OF TECHNOLOGY
 BHIRPADO, VIJAYAWADA

CO-PO Matrix for all Subjects III-I

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
AICA	1.95	1.95	1.92	1.97									1.95		1.92
EMTL	1.69	1.69	1.69										1.69	1.69	
DC	2.11	2.11	2.15	2.1			2.17			2.17			2.11	2.12	
COA	1.65	1.64											1.64	1.66	
EMI	1.97	1.97	1.97	2.02										1.98	
AICA	2.84	2.84	2.84										2.84	2.84	
DC LAB	2.23	2.21	2.25		2.25								2.23		
DS using	2.74	2.74	2.74	2.74	2.74				2.74					2.74	
AVERA	2.15	2.14	2.22	2.21	2.5					2.17			2.08	2.17	1.92

2020-24 Admitted Batch Semester Wise Average Attainments

Semester	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
I-I	2.18	2.3	2.2	2.23	2.34	2.39	2.39	2.89	2.89	2.82		2.14	2.01	2.06	2.01
I-II	2.02	2.02	1.92	2.03	2.15	2.53	2.53	2.94	2.94		2.94	1.34	2.17	1.79	
II-I	2.15	2.12	2.41	1.7	1.72	1.72		2.82		1.55		2.2	1.95	1.93	2.74
II-II	1.88	1.88	1.91	1.86	2.46	2.69	1.68	2.89	2.83	2.09	1.94	1.69	1.9	1.61	2.3
III-I	2.15	2.14	2.22	2.21	2.5					2.17			2.08	2.17	1.92
AVERAGE	2.08	2.09	2.13	2.01	2.23	2.33	2.2	2.89	2.89	2.16	2.44	1.84	2.02	1.91	2.24

S. Sri Gowri

Dr. S. SRI GOWRI, M.Tech., Ph.D.,
Professor & Head of E.C.E. Dept.
S.R.K. Institute of Technology

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108,



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kaldinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' Grade

DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs, POs and PSO

A.Y:2022-23

SUBJECT: AICA

FACULTY NAME: V. Srilakshmi

MID EXAM - II

S.NO.	ROLL NO.	Q1			Q2			MID-I Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE			ASSIGNMENT			EXTERNAL MARKS		
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L			
		1	20X41A0401	10	100	3	7	70	3	2	20	0	10	50	1	5	100	3	3	30	0	10	100	3	10	100	3	8	40	1	5	100	3	35
2	20X41A0402	7	70	3	9	90	3	6	60	2	7	35	0	5	100	3	4	40	1	10	100	3	8	80	3	10	50	1	5	100	3	42	60.00	2
3	20X41A0403		0	0	8	80	3	1	10	0	6	30	0	5	100	3	4	40	1	10	100	3	8	80	3	10	50	1	5	100	3	35	50.00	1
4	20X41A0404	2	20	0	10	100	3	1	10	0	8	40	1	5	100	3	4	40	1	8	80	3	3	30	0	6	30	0	5	100	3	35	50.00	1
5	20X41A0405	9	90	3	10	100	3	8	80	3	11	55	2	5	100	3		0	0	7	70	3	5	25	0	5	100	3	35	50.00	1			
6	20X41A0406	10	100	3	2	20	0	6	60	2	7	35	0	5	100	3		0	0		0	0		0	0		0	0	5	100	3	49	70.00	3
7	20X41A0407	10	100	3	8	80	3	10	100	3	11	55	2	5	100	3	6	60	2	9	90	3	10	100	3	9	45	1	5	100	3	42	60.00	2
8	20X41A0408	8	80	3	10	100	3	9	90	3	9	45	1	5	100	3	9	90	3	10	100	3	10	100	3	8	40	1	5	100	3	49	70.00	3
9	20X41A0409	9	90	3	10	100	3	9	90	3	5	25	0	5	100	3	6	60	2	10	100	3	9	90	3	10	50	1	5	100	3	49	70.00	3
10	20X41A0410	6	60	2	8	80	3	1	10	0	4	20	0	5	100	3	8	80	3	10	100	3	10	100	3	7	35	0	5	100	3	42	60.00	2
11	20X41A0412	4	40	1	4	40	1	5	50	1	5	25	0	5	100	3		0	0	9	90	3	8	80	3	6	30	0	5	100	3	42	60.00	2
12	20X41A0413	3	30	0	10	100	3	4	40	1	5	25	0	5	100	3	5	50	1	8	80	3	8	80	3	17	85	3	5	100	3	49	70.00	3
13	20X41A0414	1	10	0	9	90	3	7	70	3	8	40	1	5	100	3	6	60	2	10	100	3	10	100	3	12	60	2	5	100	3	42	60.00	2
14	20X41A0415	5	50	1	8	80	3	2	20	0	5	25	0	5	100	3		0	0		0	0		0	0		0	0	5	100	3	0.00	0	
15	20X41A0416	9	90	3	10	100	3	8	80	3	8	40	1	5	100	3	8	80	3	10	100	3	10	100	3	10	100	3	10	100	3	42	60.00	2
16	20X41A0417	10	100	3	10	100	3	6	60	2	12	60	2	5	100	3	6	60	2	10	100	3	10	100	3	10	50	1	5	100	3	49	70.00	3
17	20X41A0418	7	70	3	10	100	3	6	60	2	11	55	2	5	100	3	2	20	0	10	100	3	10	100	3	12	60	2	5	100	3	49	70.00	3
18	20X41A0419	8	80	3	10	100	3	7	70	3	14	70	3	5	100	3	8	80	3	10	100	3	10	100	3	8	40	1	5	100	3	42	60.00	2
19	20X41A0420	8	80	3	10	100	3	5	50	1	9	45	1	5	100	3	8	80	3	10	100	3	10	100	3	10	50	1	5	100	3	56	80.00	3
20	20X41A0421	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	8	80	3	9	90	3	10	100	3	6	30	0	5	100	3	42	60.00	2
21	20X41A0422	7	70	3	7	70	3	10	100	3	4	20	0	5	100	3	9	90	3	10	100	3	10	100	3	9	45	1	5	100	3	56	80.00	3
22	20X41A0423	7	70	3	10	100	3	6	60	2	8	40	1	5	100	3	6	60	2	10	100	3	6	60	2	12	60	2	5	100	3	42	60.00	2
23	20X41A0424	7	70	3	7	70	3	3	30	0	14	70	3	5	100	3		0	0	10	100	3	5	50	1	7	35	0	5	100	3	42	60.00	2
24	20X41A0425	4	40	1	10	100	3	5	50	1	5	25	0	5	100	3		0	0	10	100	3	10	100	3	7	35	0	5	100	3	42	60.00	2
25	20X41A0427	1	10	0	6	60	2	2	20	0	4	20	0	5	100	3	8	80	3	8	80	3	10	100	3	4	20	0	5	100	3	42	60.00	2
26	20X41A0428		0	0	5	50	1	2	20	0	9	45	1	5	100	3	2	20	0	6	60	2	5	50	1	10	50	1	5	100	3	35	50.00	1
27	20X41A0429	10	100	3	10	100	3	10	100	3	7	35	0	5	100	3	4	40	1	7	70	3	8	80	3	7	35	0	5	100	3	42	60.00	2
28	20X41A0431		0	0	7	70	3	5	50	1	4	20	0	5	100	3	8	80	3	9	90	3	10	100	3	4	20	0	5	100	3	56	80.00	3
29	20X41A0432	7	70	3	6	60	2	5	50	1		0	0	5	100	3	2	20	0		0	0	0	0	0	8	40	1	5	100	3	35	50.00	1
30	20X41A0433	8	80	3	10	100	3	7	70	3	8	40	1	5	100	3	5	50	1	10	100	3	10	100	3	9	45	1	5	100	3	42	60.00	2
31	20X41A0434	5	50	1	5	50	1	2	20	0	15	75	3	5	100	3	4	40	1	8	80	3	7	70	3	4	20	0	5	100	3	42	60.00	2
32	20X41A0435	9	90	3	10	100	3	6	60	2	5	25	0	5	100	3		0	0	7	70	3	2	20	0	5	25	0	5	100	3	49	70.00	3
33	20X41A0437	4	40	1	8	80	3	3	30	0	5	25	0	5	100	3	6	60	2	10	100	3	7	70	3	5	25	0	5	100	3	35	50.00	1

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VJAYAWADA -521108

35	20X41A0439	2	20	0	6	60	2	3	30	0	0	0	5	100	3	0	0	8	8	3	0	0	7	35	0	5	100	3	35	50.00	1						
36	20X41A0440	9	90	3	6	60	2	4	40	1	65	2	5	100	3	7	70	3	10	100	3	10	100	3	10	50	1	5	100	3	49	70.00	3				
37	20X41A0442	7	70	3	0	0	4	40	1	9	45	1	5	100	3	8	80	3	10	100	3	10	100	3	7	35	0	5	100	3	42	60.00	2				
38	20X41A0443	9	90	3	10	100	3	9	90	3	9	45	1	5	100	3	7	70	3	10	100	3	9	90	3	12	60	2	5	100	3	56	80.00	3			
39	20X41A0444	8	80	3	4	40	1	5	50	1	12	60	2	5	100	3	7	70	3	10	100	3	9	90	3	12	60	2	5	100	3	42	60.00	2			
40	20X41A0446	7	70	3	8	80	3	4	40	1	16	80	3	5	100	3	7	70	3	10	100	3	10	100	3	10	100	3	12	60	2	5	100	3	56	80.00	3
41	20X41A0447	3	30	0	7	70	3	2	20	0	10	50	1	5	100	3	10	100	3	10	100	3	10	100	3	15	75	3	5	100	3	42	60.00	2			
42	20X41A0449	8	80	3	4	40	1	7	70	3	7	35	0	5	100	3	0	0	10	100	3	8	80	3	12	60	2	5	100	3	56	80.00	3				
43	20X41A0450	7	70	3	7	70	3	5	50	1	11	55	2	5	100	3	8	80	3	10	100	3	10	100	3	10	100	3	13	65	2	5	100	3	49	70.00	3
44	20X41A0451	6	60	2	6	60	2	1	10	0	5	25	0	5	100	3	8	80	3	10	100	3	10	100	3	10	100	3	5	25	0	5	100	3	49	70.00	3
45	20X41A0452	8	80	3	0	0	6	60	2	2	10	0	5	100	3	3	30	0	7	70	3	5	50	1	5	25	0	5	100	3	35	50.00	1				
46	20X41A0453	2	20	0	10	100	3	7	70	3	10	50	1	5	100	3	1	10	0	7	70	3	7	70	3	5	25	0	5	100	3	35	50.00	1			
47	20X41A0454	10	100	3	10	100	3	9	90	3	13	65	2	5	100	3	3	30	0	10	100	3	10	100	3	13	65	2	5	100	3	49	70.00	3			
48	20X41A0455	0	0	6	60	2	4	40	1	6	30	0	5	100	3	10	100	3	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	56	80.00	3	
49	20X41A0456	7	70	3	10	100	3	2	20	0	7	35	0	5	100	3	3	30	0	10	100	3	10	100	3	10	50	1	5	100	3	42	60.00	2			
50	20X41A0457	2	20	0	2	20	0	2	20	0	8	40	1	5	100	3	3	30	0	8	80	3	0	0	8	40	1	5	100	3	42	60.00	2				
51	20X41A0458	10	100	3	10	100	3	7	70	3	7	35	0	5	100	3	7	70	3	10	100	3	7	70	3	5	25	0	5	100	3	35	50.00	1			
52	20X41A0459	0	0	10	100	3	1	10	0	7	35	0	5	100	3	5	50	1	10	100	3	8	80	3	10	50	1	5	100	3	42	60.00	2				
53	20X41A0460	0	0	10	100	3	1	10	0	9	45	1	5	100	3	7	70	3	9	90	3	10	100	3	8	40	1	5	100	3	35	50.00	1				
54	21X45A0401	8	80	3	9	90	3	8	80	3	12	60	2	5	100	3	6	60	2	8	80	3	10	100	3	7	35	0	5	100	3	35	50.00	1			
55	21X45A0402	4	40	1	2	20	0	3	30	0	0	0	5	100	3	7	70	3	10	100	3	8	80	3	13	65	2	5	100	3	56	80.00	3				
56	21X45A0403	6	60	2	7	70	3	6	60	2	9	45	1	5	100	3	6	60	2	7	70	3	6	60	2	15	75	3	5	100	3	42	60.00	2			
57	21X45A0404	8	80	3	5	50	1	4	40	1	6	30	0	5	100	3	7	70	3	10	100	3	7	70	3	17	85	3	5	100	3	49	70.00	3			
58	21X45A0405	7	70	3	8	80	3	4	40	1	8	40	1	5	100	3	4	40	1	10	100	3	3	30	0	11	55	2	5	100	3	35	50.00	1			
59	21X45A0406	3	30	0	10	100	3	2	20	0	9	45	1	5	100	3	5	50	1	10	100	3	8	80	3	12	60	2	5	100	3	49	70.00	3			
60	21X45A0407	6	60	2	4	40	1	5	50	1	9	45	1	5	100	3	0	0	9	90	3	6	60	2	16	80	3	5	100	3	21	30.00	0				
61	21X45A0408	8	80	3	2	20	0	4	40	1	6	30	0	5	100	3	5	50	1	7	70	3	6	60	2	17	85	3	5	100	3	35	50.00	1			
62	21X45A0409	1	10	0	7	70	3	5	50	1	8	40	1	5	100	3	0	0	0	0	0	0	0	9	45	1	5	100	3	21	30.00	0					
63	20X41A0462	6	60	2	10	100	3	1	10	0	4	20	0	5	100	3	0	0	9	90	3	0	0	12	60	2	5	100	3	35	50.00	1					
64	20X41A0463	0	0	7	70	3	10	100	3	10	50	1	5	100	3	5	50	1	8	80	3	7	70	3	3	15	0	5	100	3	35	50.00	1				
65	20X41A0464	10	100	3	10	100	3	10	100	3	6	30	0	5	100	3	4	40	1	10	100	3	9	90	3	10	50	1	5	100	3	42	60.00	2			
66	20X41A0465	5	50	1	8	80	3	3	30	0	8	40	1	5	100	3	4	40	1	10	100	3	10	100	3	5	25	0	5	100	3	42	60.00	2			
67	20X41A0466	10	100	3	8	80	3	4	40	1	8	40	1	5	100	3	5	50	1	10	100	3	4	40	1	6	30	0	5	100	3	35	50.00	1			
68	20X41A0467	10	100	3	10	100	3	7	70	3	11	55	2	5	100	3	6	60	2	10	100	3	10	100	3	13	65	2	5	100	3	49	70.00	3			
69	20X41A0468	9	90	3	10	100	3	4	40	1	8	40	1	5	100	3	2	20	0	10	100	3	5	50	1	12	60	2	5	100	3	42	60.00	2			
70	20X41A0469	0	0	2	20	0	0	0	0	5	25	0	5	100	3	7	70	3	10	100	3	10	100	3	6	30	0	5	100	3	49	70.00	3				
71	20X41A0470	6	60	2	7	70	3	2	20	0	12	60	2	5	100	3	0	0	0	0	2	20	0	7	35	0	5	100	3	21	30.00	0					
72	20X41A0471	5	50	1	5	50	1	4	40	1	7	35	0	5	100	3	0	0	4	40	1	6	60	2	7	35	0	5	100	3	35	50.00	1				
73	20X41A0472	10	100	3	10	100	3	9	90	3	5	25	0	5	100	3	2	20	0	7	70	3	4	40	1	9	45	1	5	100	3	21	30.00	0			
74	20X41A0473	10	100	3	10	100	3	7	70	3	4	20	0	5	100	3	9	90	3	8	80	3	10	100	3	6	30	0	5	100	3	42	60.00	2			
75	20X41A0474	0	0	3	30	0	4	40	1	12	60	2	5	100	3	5	50	1	8	80	3	3	30	0	8	40	1	5	100	3	21	30.00	0				
76	20X41A0475	0	0	9	90	3	5	50	1	9	45	1	5	100	3	2	20	0	7	70	3	6	60	2	5	25	0	5	100	3	35	50.00	1				

SRK INSTITUTE OF TECHNOLOGY
 KANAKPETA, VIJAYAWADA-521 108.

78	20X41A0476	9	90	3	10	100	3	0	0	8	40	1	5	100	3	6	60	2	10	1	3	3	30	0	4	20	0	5	100	3	35	50.00	1	
78	20X41A0477	10	100	3	10	100	3	7	70	3	75	3	5	100	3	9	90	3	10	100	3	8	80	3	9	45	1	5	100	3	56	80.00	3	
79	20X41A0478	8	80	3	9	90	3	2	20	0	4	20	0	5	100	3	0	0	8	80	3	3	30	0	8	40	1	5	100	3	35	50.00	1	
80	20X41A0479		0	0	9	90	3	2	20	0	7	35	0	5	100	3	0	0	9	90	3	2	20	0	13	65	2	5	100	3	21	30.00	0	
81	20X41A0480	10	100	3	8	80	3	7	70	3	12	60	2	5	100	3	10	100	3	10	100	3	8	80	3	11	55	2	5	100	3	56	80.00	3
82	20X41A0481	10	100	3	10	100	3	2	20	0	5	25	0	5	100	3	4	40	1	10	100	3	9	90	3	11	55	2	5	100	3	42	60.00	2
83	20X41A0482	5	50	1	7	70	3	4	40	1	9	45	1	5	100	3	5	50	1	10	100	3	7	70	3	8	40	1	5	100	3	42	60.00	2
84	20X41A0483	5	50	1	9	90	3	1	10	0	12	60	2	5	100	3	6	60	2	10	100	3	4	40	1	9	45	1	5	100	3	42	60.00	2
85	20X41A0484	9	90	3	8	80	3	6	60	2	6	30	0	5	100	3	0	0	9	90	3	8	80	3	11	55	2	5	100	3	35	50.00	1	
86	20X41A0485	3	30	0	8	80	3	2	20	0	11	55	2	5	100	3	7	70	3	8	80	3	6	60	2	9	45	1	5	100	3	42	60.00	2
87	20X41A0486	8	80	3	8	80	3	2	20	0	11	55	2	5	100	3	2	20	0	10	100	3	5	50	1	5	25	0	5	100	3	42	60.00	2
88	20X41A0487	7	70	3	9	90	3	2	20	0	6	30	0	5	100	3	0	0	10	100	3	3	30	0	6	30	0	5	100	3	35	50.00	1	
89	20X41A0488	7	70	3	5	50	1	1	10	0	13	65	2	5	100	3	2	20	0	5	50	1	4	40	1	8	40	1	5	100	3	21	30.00	0
90	20X41A0489	10	100	3	8	80	3	0	0	9	45	1	5	100	3	7	70	3	10	100	3	8	80	3	10	50	1	5	100	3	35	50.00	1	
91	20X41A0490	9	90	3	10	100	3	1	10	0	8	40	1	5	100	3	0	0	7	70	3	0	0	2	10	0	5	100	3	35	50.00	1		
92	20X41A0491	1	10	0	4	40	1	1	10	0	6	30	0	5	100	3	3	30	0	9	90	3	5	50	1	9	45	1	5	100	3	42	60.00	2
93	20X41A0492	4	40	1	10	100	3	3	30	0	12	60	2	5	100	3	5	50	1	7	70	3	10	100	3	9	45	1	5	100	3	42	60.00	2
94	20X41A0493	8	80	3	10	100	3	7	70	3	8	40	1	5	100	3	4	40	1	8	80	3	5	50	1	8	40	1	5	100	3	35	50.00	1
95	20X41A0495	8	80	3	10	100	3	5	50	1	9	45	1	5	100	3	7	70	3	10	100	3	10	100	3	9	45	1	5	100	3	42	60.00	2
96	20X41A0496	10	100	3	3	30	0	0	0	0	0	0	0	5	100	3	4	40	1	8	80	3	7	70	3	10	50	1	5	100	3	42	60.00	2
97	20X41A0497	10	100	3	7	70	3	0	0	6	30	0	5	100	3	0	0	8	80	3	1	10	0	5	25	0	5	100	3	35	50.00	1		
98	20X41A0498		0	0	10	100	3	6	60	2	8	40	1	5	100	3	0	0	9	90	3	8	80	3	9	45	1	5	100	3	21	30.00	0	
99	20X41A04A0	10	100	3	10	100	3	9	90	3	13	65	2	5	100	3	6	60	2	10	100	3	9	90	3	12	60	2	5	100	3	63	90.00	3
100	20X41A04A1	10	100	3	9	90	3	4	40	1	10	50	1	5	100	3	5	50	1	10	100	3	6	60	2	5	25	0	5	100	3	42	60.00	2
101	20X41A04A2	6	60	2		0	0	0	0	5	25	0	5	100	3	6	60	2		0	0	5	50	1	7	35	0	5	100	3	21	30.00	0	
102	20X41A04A3	8	80	3	7	70	3	3	30	0	10	50	1	5	100	3	7	70	3	8	80	3	10	100	3	11	55	2	5	100	3	42	60.00	2
103	20X41A04A4	10	100	3	8	80	3	4	40	1	10	50	1	5	100	3	6	60	2	9	90	3	8	80	3	16	80	3	5	100	3	49	70.00	3
104	20X41A04A5	8	80	3	4	40	1	7	70	3	11	55	2	5	100	3	10	100	3	10	100	3	8	80	3	15	75	3	5	100	3	49	70.00	3
105	20X41A04A6	8	80	3	4	40	1	5	50	1	7	35	0	5	100	3	2	20	0	9	90	3	10	100	3	12	60	2	5	100	3	42	60.00	2
106	20X41A04A7	7	70	3	9	90	3	3	30	0	7	35	0	5	100	3	8	80	3	10	100	3	10	100	3	12	60	2	5	100	3	56	80.00	3
107	20X41A04A8	1	10	0		0	0	0	0	7	35	0	5	100	3	4	40	1	9	90	3		0	0	9	45	1	5	100	3	35	50.00	1	
108	20X41A04A9	2	20	0	8	80	3	2	20	0	10	50	1	5	100	3	2	20	0	10	100	3	1	10	0	5	25	0	5	100	3	42	60.00	2
109	20X41A04B1	8	80	3	6	60	2	3	30	0	7	35	0	5	100	3	0	0	7	70	3		0	0	6	30	0	5	100	3	35	50.00	1	
110	20X41A04B2	7	70	3	10	100	3	7	70	3	11	55	2	5	100	3	5	50	1	9	90	3	9	90	3	10	50	1	5	100	3	49	70.00	3
111	21X45A0410	7	70	3	5	50	1	3	30	0	12	60	2	5	100	3	3	30	0	8	80	3	8	80	3	10	50	1	5	100	3	42	60.00	2
112	21X45A0411	5	50	1	5	50	1	4	40	1	7	35	0	5	100	3	6	60	2	10	100	3	7	70	3	11	55	2	5	100	3	49	70.00	3
113	21X45A0412		0	0	3	30	0	2	20	0	8	40	1	5	100	3	2	20	0	10	100	3		0	0	11	55	2	5	100	3	21	30.00	0
114	21X45A0413	2	20	0	10	100	3	5	50	1	8	40	1	5	100	3	3	30	0	9	90	3	7	70	3	7	35	0	5	100	3	42	60.00	2
115	21X45A0414	3	30	0	10	100	3	6	60	2	9	45	1	5	100	3	3	30	0	10	100	3	10	100	3	5	25	0	5	100	3	42	60.00	2
116	21X45A0415		0	0	10	100	3	5	50	1	8	40	1	5	100	3	6	60	2	5	50	1	6	60	2	12	60	2	5	100	3	35	50.00	1
117	21X45A0416	2	20	0	9	90	3	5	50	1	5	25	0	5	100	3	6	60	2	8	80	3	7	70	3	7	35	0	5	100	3	35	50.00	1
118	21X45A0417		0	0	7	70	3	2	20	0	7	35	0	5	100	3	6	60	2	8	80	3	3	30	0	5	25	0	5	100	3	35	50.00	1

SRK INSTITUTE OF TECHNOLOGY
 ENKEPADO, VIJAYAWADA-521108.

119	21X45A0418	8	80	3	9	90	3	0	0	8	45	1	5	100	3	0	0	10	1	3	1	10	0	14	70	3	5	100	3	42	60.00	2		
120	21X45A0419		0	0		0	0	4	40	1	40	1	5	100	3																			
121	21X45A0420	9	90	3	9	90	3	7	70	3	7	35	0	5	100	3	3	30	0	5	50	1	5	50	1	15	75	3	5	100	3	35	50.00	1
122	21X45A0421	6	60	2	8	80	3	7	70	3	6	30	0	5	100	3	8	80	3	10	100	3	10	100	3	8	40	1	5	100	3	42	60.00	2
123	21X45A0422	8	80	3	8	80	3	5	50	1	12	60	2	5	100	3	6	60	2	10	100	3	9	90	3	13	65	2	5	100	3	42	60.00	2
124	21X45A0423		0	0	3	30	0	2	20	0	12	60	2	5	100	3	5	50	1	10	100	3	7	70	3	15		0	5	100	3	42	60.00	2
125	21X45A0424		0	0		0	0		0	0	5	25	0	5	100	3																		
AVERAGE		6.86	58.7	1.9	7.73	73.6	2.34	4.65	43.1	1.16	8.27	40.4	0.85	5	100	3	5.41	43.3	1.27	8.96	84.6	2.75	7.3	67.1	2.1	9.07	44.4	1.02	5	100	3	40.7	58	1.78
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)		
CO WISE SUM		1.9			2.34			1.22			0.85			3			1.22			2.75			2.1			1.02			3			1.78		

(Handwritten Signature)

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	1.9	0.85	3	1.78	1.77	90.36	2.71	1.96	65	65.33
CO2	2.34	0.85	3	1.78	1.83	90.36	2.71	2.01	65	67.00
CO3	0.935	0.94	3	1.78	1.63	88.36	2.65	1.83	65	61.00
CO4	1.02	2.75	3	1.78	1.82	87.09	2.61	1.98	65	66.00
CO5	1.02	2.1	3	1.78	1.76	90.36	2.71	1.95	65	65.00

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject AICA

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	3	3											2		1	1.96
CO2	3	3											2			2.01
CO3	3	3	2										2		1	1.83
CO4	3	3	2	1									2		1	1.98
CO5	3	3	2	1									2			1.95

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
29.19	29.19	11.52	3.93									19.46		5.77
1.95	1.95	1.92	1.97									1.95		1.92

CO-PO Matrix for all Subjects III-I

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
AICA	1.95	1.95	1.92	1.97									1.95		1.92
EMTL	1.69	1.69	1.69										1.69	1.69	
DC	2.11	2.11	2.15	2.1			2.17			2.17			2.11	2.12	
COA	1.65	1.64											1.64	1.66	
EMI	1.97	1.97	1.97	2.02										1.98	
AICA	2.84	2.84	2.84										2.84	2.84	
DC LAB	2.23	2.21	2.25		2.25								2.23		
DS using	2.74	2.74	2.74	2.74	2.74				2.74						2.74
AVERAG	2.15	2.14	2.22	2.21	2.5					2.17			2.08	2.17	1.92

2020-24 Admitted Batch Semester Wise Average Attainments

Semester	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
I-I	2.18	2.3	2.2	2.23	2.34	2.39	2.39	2.89	2.89	2.82		2.14	2.01	2.06	2.01
I-II	2.02	2.02	1.92	2.03	2.15	2.53	2.53	2.94	2.94		2.94	1.34	2.17	1.79	
II-I	2.15	2.12	2.41	1.7	1.72	1.72		2.82		1.55		2.2	1.95	1.93	2.74
II-II	1.88	1.88	1.91	1.86	2.46	2.69	1.68	2.89	2.83	2.09	1.94	1.69	1.9	1.61	2.3
III-I	2.15	2.14	2.22	2.21	2.5								2.08	2.17	1.92
AVERAGE	2.08	2.09	2.13	2.01	2.23	2.33	2.2	2.89	2.89	2.16	2.44	1.84	2.02	1.91	2.24



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

YEAR-SEM: III-I		A.Y:2022-23									SUBJECT: EMTL									FACULTY NAME : K.NAGA LAVANYA									EXTERNAL MARKS											
S.NO.	ROLL NO.	MID EXAM - I																		MID EXAM - II																				
		Q1			Q2			Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE						ASSIGNMENT								
Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L								
1	20X41A0401	6	60	2	4	40	1	0	0	0	9	45	1	4	80	3	10	100	3	0	0	0	7	70	3	4	20	0	5	100	3	35	50	1						
2	20X41A0402	2	20	0	7	70	3	2	20	0	5	25	0	5	100	3	7	70	3	5	50	1	5	50	1	13	65	2	5	100	3	21	30	0						
3	20X41A0403	0	0	0	0	0	0	1	10	0	9	45	1	3	60	2	5	50	1	4	40	1	6	60	2	9	45	1	5	100	3	21	30	0						
4	20X41A0404	0	0	0	0	0	0	1	10	0	14	70	3	5	100	3	5	50	1	0	0	0	5	50	1	14	70	3	5	100	3	21	30	0						
5	20X41A0405	10	100	3	10	100	3	4	40	1	11	55	2	5	100	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	60	2	63	90	3					
6	20X41A0406	0	0	0	5	50	1	2	20	0	13	65	2	5	100	3	5	50	1	5	50	1	2	20	0	17	85	3	5	100	3	42	60	2						
7	20X41A0407	9	90	3	10	100	3	10	100	3	8	40	1	5	100	3	3	30	0	6	60	2	9	90	3	8	40	1	5	100	3	42	60	2						
8	20X41A0408	9	90	3	10	100	3	10	100	3	16	80	3	5	100	3	7	70	3	6	60	2	6	60	2	15	75	3	5	100	3	42	60	2						
9	20X41A0409	4	40	1	6	60	2	4	40	1	9	45	1	5	100	3	7	70	3	6	60	2	9	90	3	13	65	2	5	100	3	49	70	3						
10	20X41A0410	5	50	1	0	0	0	4	40	1	16	80	3	5	100	3	4	40	1	7	70	3	3	30	0	13	65	2	5	100	3	21	30	0						
11	20X41A0412	0	0	0	4	40	1	1	10	0	12	60	2	5	100	3	1	10	0	7	70	3	6	60	2	14	70	3	5	100	3	42	60	2						
12	20X41A0413	0	0	0	5	50	1	10	100	3	14	70	3	5	100	3	2	20	0	2	20	0	8	80	3	11	55	2	5	100	3	35	50	1						
13	20X41A0414	5	50	1	10	100	3	0	0	0	16	80	3	4	80	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	60	2	0	0	0					
14	20X41A0415	0	0	0	0	0	0	0	0	0	17	85	3	5	100	3	7	70	3	0	0	0	0	0	0	14	70	3	5	100	3	35	50	1						
15	20X41A0416	4	40	1	5	50	1	8	80	3	11	55	2	5	100	3	7	70	3	7	70	3	9	90	3	13	65	2	5	100	3	49	70	3						
16	20X41A0417	6	60	2	4	40	1	6	60	2	13	65	2	5	100	3	7	70	3	7	70	3	9	90	3	16	80	3	5	100	3	35	50	1						
17	20X41A0418	0.5	5	0	0.5	5	0	5	50	1	13	65	2	5	100	3	5	50	1	2	20	0	2	20	0	18	90	3	5	100	3	49	70	3						
18	20X41A0419	10	100	3	9	90	3	1	10	0	14	70	3	5	100	3	7	70	3	7	70	3	9	90	3	11	55	2	5	100	3	42	60	2						
19	20X41A0420	5	50	1	4	40	1	10	100	3	9	45	1	5	100	3	7	70	3	10	100	3	10	100	3	12	60	2	5	100	3	56	80	3						
20	20X41A0421	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	7	70	3	10	100	3	10	100	3	10	50	1	5	100	3	42	60	2						
21	20X41A0422	0	0	0	7	70	3	8	80	3	13	65	2	5	100	3	5	50	1	6	60	2	7	70	3	13	65	2	5	100	3	40	50	1						
22	20X41A0423	0	0	0	5	50	1	10	100	3	13	65	2	5	100	3	0	0	0	0	0	0	7	70	3	2	10	0	5	100	3	35	50	1						

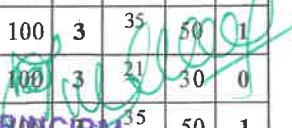
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521108.

23	20X41A0424	0	0	0	5	50	1	10	100	3	13	65	2	5	100	3	3	30	0	0	0	0	7	70	3	11	55	2	5	100	3	42	60	2
24	20X41A0425	1	10	0	5	50	1	6	60	2	11	55	2	5	100	3	3	30	0	6	60	2	5	50	1	15	75	3	5	100	3	21	30	0
25	20X41A0427	0	0	0	5	50	1	1	10	0	12	60	2	5	100	3	5	50	1	5	50	1	2	20	0	10	50	1	5	100	3	35	50	1
26	20X41A0428	1	10	0	1	10	0	1	10	0	15	75	3	5	100	3	5	50	1	0	0	0	5	50	1	12	60	2	5	100	3	21	30	0
27	20X41A0429	9	90	3	10	100	3	10	100	3	9	45	1	5	100	3	10	100	3	10	100	3	10	100	3	5	25	0	5	100	3	56	80	3
28	20X41A0431	9	90	3	0	0	0	0	0	0	8	40	1	5	100	3	4	40	1	0	0	0	0	0	0	17	85	3	5	100	3	21	30	0
29	20X41A0432	5	50	1	8	80	3	6	60	2	0	0	4	80	3	7	70	3	7	70	3	3	30	0	11	55	2	5	100	3	42	60	2	
30	20X41A0433	0	0	0	4	40	1	6	60	2	7	35	0	5	100	3	8	80	3	10	100	3	5	50	1	15	75	3	5	100	3	21	30	0
31	20X41A0434	2	20	0	0	0	0	5	50	1	13	65	2	5	100	3	3	30	0	3	30	0	0	0	0	14	70	3	5	100	3	42	60	2
32	20X41A0435	8	80	3	9	90	3	9	90	3	2	10	0	5	100	3	7	70	3	7	70	3	9	90	3	6	30	0	5	100	3	35	50	1
33	20X41A0437	1	10	0	0	0	0	2	20	0	14	70	3	4	80	3	7	70	3	0	0	0	10	100	3	10	50	1	5	100	3	35	50	1
34	20X41A0438	0	0	0	1	10	0	1	10	0	14	70	3	5	100	3	2	20	0	2	20	0	9	90	3	11	55	2	5	100	3	21	30	0
35	20X41A0439	0	0	0	0	0	0	0	0	0	7	35	0	3	60	2	2	20	0	0	0	0	0	0	8	40	1	3	60	2	21	30	0	
36	20X41A0440	9	90	3	10	100	3	7	70	3	6	30	0	5	100	3	10	100	3	10	100	3	10	100	3	4	20	0	5	100	3	35	50	1
37	20X41A0442	7	70	3	1	10	0	8	80	3	6	30	0	5	100	3	8	80	3	8	80	3	3	30	0	9	45	1	5	100	3	42	60	2
38	20X41A0443	10	100	3	10	100	3	10	100	3	16	80	3	5	100	3	10	100	3	7	70	3	9	90	3	16	80	3	5	100	3	42	60	2
39	20X41A0444	0	0	0	10	100	3	6	60	2	12	60	2	5	100	3	1	10	0	0	0	0	9	90	3	15	75	3	5	100	3	21	30	0
40	20X41A0446	10	100	3	10	100	3	9	90	3	18	90	3	5	100	3	7	70	3	10	100	3	9	90	3	15	75	3	5	100	3	42	60	2
41	20X41A0447	0	0	0	10	100	3	3	30	0	0	0	5	100	3	4	40	1	10	100	3	0	0	0	16	80	3	5	100	3	35	50	1	
42	20X41A0448		0	0		0	0		0	0		0	0	5	100	3		0	0		0	0		0	0		0	0	5	100	3		0	0
43	20X41A0449	9	90	3	8	80	3	4	40	1	11	55	2	5	100	3	10	100	3	10	100	3	10	100	3	6	30	0	5	100	3	42	60	2
44	20X41A0450	9	90	3	10	100	3	10	100	3	4	20	0	5	100	3	7	70	3	10	100	3	9	90	3	4	20	0	5	100	3	49	70	3
45	20X41A0451	0	0	0	0	0	0	2	20	0	14	70	3	4	80	3	5	50	1	5	50	1	0	0	0	13	65	2	5	100	3	21	30	0
46	20X41A0452	3	30	0	0	0	0	4	40	1	9	45	1	5	100	3	4	40	1	10	100	3	9	90	3	5	25	0	5	100	3	35	50	1
47	20X41A0453	7	70	3	0	0	0	5	50	1	16	80	3	3	60	2	3	30	0	1	10	0	2	20	0	18	90	3	5	100	3	21	30	0
48	20X41A0454	10	100	3	10	100	3	10	100	3	14	70	3	5	100	3	8	80	3	7	70	3	9	90	3	6	30	0	5	100	3	70	100	3
49	20X41A0455	0	0	0	3	30	0	10	100	3	12	60	2	5	100	3	2	20	0	0	0	0	9	90	3	18	90	3	5	100	3	21	30	0
50	20X41A0456	4	40	1	5	50	1	7	70	3	9	45	1	3	60	2	8	80	3	1	10	0	0	0	4	20	0	5	100	3	35	50	1	
51	20X41A0457	3	30	0	7	70	3	8	80	3	7	35	0	5	100	3	7	70	3	9	90	3	8	80	3	13	65	2	5	100	3	21	30	0
52	20X41A0458	5	50	1	7	70	3	10	100	3	18	90	3	5	100	3	7	70	3	10	100	3	9	90	3	19	95	3	5	100	3	49	70	3


53	20X41A0459	5	50	1	0	0	0	3	30	0	4	20	0	5	100	3	1	10	0	10	100	3	10	100	3	17	85	3	5	100	3	21	30	0	
54	20X41A0460	3	30	0	0	0	0	10	100	3	18	90	3	5	100	3	8	80	3	0	0	0	1	10	0	6	30	0	3	60	2	42	60	2	
55	20X41A0461		0	0		0	0		0	0		0	0	0	0	0		0	0		0	0		0	0		0	0	5	100	3		0	0	
56	20X41A0462	5	50	1	0	0	0	0	0	0	4	20	0	5	100	3	7	70	3	5	50	1	5	50	1	6	30	0	5	100	3	21	30	0	
57	20X41A0463	0	0	0	0	0	0	1	10	0	9	45	1	5	100	3	7	70	3	2	20	0	9	90	3	7	35	0	5	100	3	49	70	3	
58	20X41A0464	10	100	3	1	10	0	10	100	3	11	55	2	5	100	3	7	70	3	2	20	0	0	0	0	13	65	2	5	100	3	42	60	2	
59	20X41A0465	9	90	3	5	50	1	10	100	3	18	90	3	5	100	3	3	30	0	5	50	1	5	50	1	13	65	2	5	100	3	35	50	1	
60	20X41A0466	10	100	3	0	0	0	10	100	3	19	95	3	5	100	3	1	10	0	2	20	0	9	90	3	17	85	3	5	100	3	35	50	1	
61	20X41A0467	10	100	3	6	60	2	10	100	3	12	60	2	4	80	3	0	0	0	0	0	0	0	0	0	9	45	1	3	60	2	42	60	2	
62	20X41A0468	10	100	3	5	50	1	0	0	0	14	70	3	5	100	3	7	70	3	0	0	0	9	90	3	10	50	1	5	100	3	35	50	1	
63	20X41A0469	1	10	0	0	0	0	0	0	0	11	55	2	5	100	3	1	10	0	10	100	3	5	50	1	7	35	0	5	100	3	21	30	0	
64	20X41A0470	3	30	0	0	0	0	0	0	0	12	60	2	5	100	3	4	40	1	3	30	0	7	70	3	7	35	0	5	100	3	21	30	0	
65	20X41A0471	1	10	0	4	40	1	6	60	2	11	55	2	5	100	3	5	50	1	0	0	0	8	80	3	12	60	2	5	100	3	21	30	0	
66	20X41A0472	10	100	3	10	100	3	10	100	3	8	40	1	5	100	3	7	70	3	7	70	3	9	90	3	12	60	2	5	100	3	42	60	2	
67	20X41A0473	10	100	3	0	0	0	10	100	3	10	50	1	5	100	3	4	40	1	0	0	0	6	60	2	10	50	1	3	60	2	35	50	1	
68	20X41A0474	0	0	0	6	60	2	4	40	1	10	50	1	5	100	3	3	30	0	2	20	0	6	60	2	16	80	3	5	100	3	35	50	1	
69	20X41A0475	0	0	0	0	0	0	1	10	0	8	40	1	5	100	3	0	0	0	8	80	3	7	70	3	10	50	1	5	100	3	42	60	2	
70	20X41A0476	8	80	3	5	50	1	10	100	3	5	25	0	5	100	3	7	70	3	0	0	0	10	100	3	6	30	0	5	100	3	21	30	0	
71	20X41A0477	10	100	3	8	80	3	10	100	3	8	40	1	5	100	3	8	80	3	10	100	3	9	90	3	9	45	1	5	100	3	49	70	3	
72	20X41A0478	10	100	3	0	0	0	10	100	3	8	40	1	5	100	3	0	0	0	6	60	2	8	80	3	13	65	2	5	100	3	21	30	0	
73	20X41A0479	10	100	3	0	0	0	0	0	0	14	70	3	5	100	3	3	30	0	6	60	2	6	60	2	17	85	3	5	100	3	35	50	1	
74	20X41A0480	10	100	3	7	70	3	5	50	1	14	70	3	5	100	3	7	70	3	7	70	3	9	90	3	14	70	3	5	100	3	56	80	3	
75	20X41A0481	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	0	0	0	7	70	3	8	80	3	16	80	3	5	100	3	49	70	3	
76	20X41A0482	5	50	1	7	70	3	2	20	0	7	35	0	5	100	3	7	70	3	7	70	3	8	80	3	12	60	2	5	100	3	35	50	1	
77	20X41A0483	8	80	3	0	0	0	0	0	0	12	60	2	3	60	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	21	30	0
78	20X41A0484	2	20	0	6	60	2	6	60	2	4	20	0	5	100	3	8	80	3	0	0	0	1	10	0	15	75	3	5	100	3	21	30	0	
79	20X41A0485	9	90	3	1	10	0	4	40	1	8	40	1	5	100	3	6	60	2	5	50	1	0	0	0	7	35	0	5	100	3	35	50	1	
80	20X41A0486	8	80	3	0	0	0	10	100	3	16	80	3	5	100	3	3	30	0	5	50	1	3	30	0	12	60	2	5	100	3	21	30	0	
81	20X41A0487	7	70	3	0	0	0	10	100	3	5	25	0	5	100	3	3	30	0	6	60	2	0	0	0	17	85	3	5	100	3	30	0	0	
82	20X41A0488	4	40	1	0	0	0	0	0	0	15	75	3	5	100	3	0	0	0	6	60	2	8	80	3	15	75	3	5	100	3	21	30	0	

SRK INSTITUTE OF TECHNOLOGY
 ENIKEPADU, VIJAYAWADA-521108.

83	20X41A0489	3	30	0	8	80	3	0	0	0	18	90	3	5	100	3	7	70	3	4	40	1	3	30	0	18	90	3	5	100	3	42	60	2
84	20X41A0490	1	10	0	3	30	0	1	10	0	17	85	3	5	100	3	3	30	0	1	10	0	2	20	0	11	55	2	5	100	3	21	30	0
85	20X41A0491	2	20	0	0	0	0	0	0	0	9	45	1	5	100	3	3	30	0	0	0	0	9	90	3	13	65	2	5	100	3	35	50	1
86	20X41A0492	8	80	3	5	50	1	2	20	0	13	65	2	5	100	3	0	0	0	5	50	1	5	50	1	16	80	3	5	100	3	35	50	1
87	20X41A0493	9	90	3	2	20	0	9	90	3	11	55	2	5	100	3	7	70	3	0	0	0	0	0	0	17	85	3	5	100	3	21	30	0
88	20X41A0495	9	90	3	1	10	0	10	100	3	13	65	2	5	100	3	7	70	3	7	70	3	0	0	0	13	65	2	5	100	3	42	60	2
89	20X41A0496	5	50	1	5	50	1	0	0	0	16	80	3	5	100	3	0	0	0	5	50	1	7	70	3	16	80	3	5	100	3	42	60	2
90	20X41A0497	8	80	3	3	30	0	10	100	3	17	85	3	5	100	3	0	0	0	0	0	0	0	0	0	17	85	3	5	100	3	21	30	0
91	20X41A0498	0	0	0	0	0	0	0	0	0	11	55	2	5	100	3	5	50	1	5	50	1	2	20	0	14	70	3	5	100	3	21	30	0
92	20X41A04A0	10	100	3	10	100	3	10	100	3	12	60	2	5	100	3	7	70	3	10	100	3	10	100	3	11	55	2	5	100	3	49	70	3
93	20X41A04A1	7	70	3	5	50	1	0	0	0	17	85	3	5	100	3	5	50	1	7	70	3	4	40	1	18	90	3	5	100	3	42	60	2
94	20X41A04A2	0	0	0	0	0	0	0	0	0	7	35	0	5	100	3	3	30	0	3	30	0	9	90	3	11	55	2	5	100	3	21	30	0
95	20X41A04A3	8	80	3	8	80	3	10	100	3	9	45	1	5	100	3	5	50	1	7	70	3	8	80	3	15	75	3	5	100	3	42	60	2
96	20X41A04A4	9	90	3	10	100	3	10	100	3	6	30	0	5	100	3	6	60	2	6	60	2	10	100	3	3	15	0	5	100	3	42	60	2
97	20X41A04A5	10	100	3	10	100	3	1	10	0	16	80	3	5	100	3	7	70	3	10	100	3	10	100	3	16	80	3	5	100	3	63	90	3
98	20X41A04A6	9	90	3	10	100	3	5	50	1	8	40	1	5	100	3	3	30	0	8	80	3	4	40	1	9	45	1	5	100	3	21	30	0
99	20X41A04A7	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	3	30	0	5	50	1	9	90	3	13	65	2	5	100	3	49	70	3
100	20X41A04A8	4	40	1	0	0	0	1	10	0	10	50	1	5	100	3	2	20	0	1	10	0	5	50	1	14	70	3	5	100	3	21	30	0
101	20X41A04A9	10	100	3	2	20	0	10	100	3	5	25	0	5	100	3	5	50	1	8	80	3	2	20	0	8	40	1	5	100	3	21	30	0
102	20X41A04B1	7	70	3	2	20	0	8	80	3	17	85	3	5	100	3	5	50	1	5	50	1	1	10	0	13	65	2	5	100	3	21	30	0
103	20X41A04B2	10	100	3	10	100	3	10	100	3	16	80	3	5	100	3	7	70	3	10	100	3	9	90	3	15	75	3	5	100	3	56	80	3
104	21X45A0401	10	100	3	7	70	3	10	100	3	10	50	1	5	100	3	8	80	3	7	70	3	10	100	3	13	65	2	5	100	3	35	50	1
105	21X45A0402	5	50	1	2	20	0	1	10	0	5	25	0	4	80	3	8	80	3	5	50	1	5	50	1	7	35	0	5	100	3	35	50	1
106	21X45A0403	5	50	1	4	40	1	6	60	2	8	40	1	5	100	3	5	50	1	3	30	0	3	30	0	20	100	3	5	100	3	35	50	1
107	21X45A0404	7	70	3	5	50	1	4	40	1	12	60	2	5	100	3	4	40	1	7	70	3	5	50	1	13	65	2	5	100	3	42	60	2
108	21X45A0405	2	20	0	10	100	3	1	10	0	14	70	3	5	100	3	4	40	1	2	20	0	0	0	0	18	90	3	5	100	3	35	50	1
109	21X45A0406	1	10	0	5	50	1	2	20	0	16	80	3	5	100	3	7	70	3	10	100	3	0	0	0	16	80	3	5	100	3	35	50	1
110	21X45A0407	1	10	0	1	10	0	9	90	3	17	85	3	5	100	3	4	40	1	7	70	3	3	30	0	18	90	3	5	100	3	21	30	0
111	21X45A0408	3	30	0	0	0	0	10	100	3	16	80	3	3	60	2	8	80	3	0	0	0	2	20	0	20	100	3	5	100	3	35	50	1
112	21X45A0409	8	80	3	0	0	0	0	0	0	18	90	3	4	80	3	6	60	2	0	0	0	0	0	0	17	85	3	5	100	3	21	30	0


SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

113	21X45A0410	10	100	3	10	100	3	10	100	3	14	70	3	5	100	3	7	70	3	1	10	0	7	70	3	15	75	3	5	100	3	42	60	2
114	21X45A0411	0	0	0	10	100	3	9	90	3	11	55	2	4	80	3	2	20	0	2	20	0	6	60	2	10	50	1	5	100	3	35	50	1
115	21X45A0412	0	0	0	10	100	3	5	50	1	13	65	2	3	60	2	2	20	0	0	0	0	6	60	2	15	75	3	3	60	2	21	30	0
116	21X45A0413	7	70	3	6	60	2	0	0	0	15	75	3	5	100	3	7	70	3	6	60	2	0	0	0	16	80	3	5	100	3	35	50	1
117	21X45A0414	0	0	0	5	50	1	9	90	3	15	75	3	5	100	3	4	40	1	1	10	0	0	0	0	14	70	3	5	100	3	49	70	3
118	21X45A0415	0	0	0	0	0	0	0	0	0	14	70	3	5	100	3	1	10	0	7	70	3	8	80	3	16	80	3	5	100	3	21	30	0
119	21X45A0416	0	0	0	5	50	1	0	0	0	11	55	2	5	100	3	5	50	1	7	70	3	8	80	3	20	100	3	5	100	3	35	50	1
120	21X45A0417	8	80	3	5	50	1	5	50	1	7	35	0	5	100	3	7	70	3	7	70	3	2	20	0	11	55	2	5	100	3	21	30	0
121	21X45A0418	8	80	3	5	50	1	10	100	3	5	25	0	5	100	3	7	70	3	6	60	2	1	10	0	16	80	3	5	100	3	21	30	0
122	21X45A0419	1	10	0	0	0	0	1	10	0	17	85	3	5	100	3	7	70	3	1	10	0	7	70	3	18	90	3	5	100	3	21	30	0
123	21X45A0420	8	80	3	5	50	1	7	70	3	13	65	2	5	100	3	7	70	3	6	60	2	9	90	3	16	80	3	5	100	3	49	70	3
124	21X45A0421	10	100	3	5	50	1	5	50	1	11	55	2	5	100	3	7	70	3	5	50	1	6	60	2	16	80	3	5	100	3	42	60	2
125	21X45A0422	7	70	3	8	80	3	8	80	3	9	45	1	5	100	3	7	70	3	5	50	1	5	50	1	13	65	2	5	100	3	42	60	2
126	21X45A0423	0	0	0	3	30	0	0	0	0	19	95	3	4	80	3	4	40	1	1	10	0	2	20	0	14	70	3	5	100	3	21	30	0
127	21X45A0424	0	0	0	0	0	0	0	0	0	7	35	0	3	60	2	0	0	0	6	60	2	6	60	2	13	65	2	5	100	3	21	30	0
AVERAGE		5.08	50	1.5	4.48	44	1.25	5.26	52	1.5	11.56	56	1.7	4.76	95	3	4.9	48	1.5	4.7	46	1.4	1	53	1.6	12.3	61	1.9	4.9	98	2.9	34.2	48	1.2
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)		
CO WISE SUM		1.5			1.25			1.50			1.73			2.91			1.54			1.43			1.62			1.94			2.94			1.17		


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS	ATTAINMENT PERCENTAGE
CO1	1.5	1.73	2.91	1.17	1.36	98.27	2.95	1.68	65	56.00
CO2	1.25	1.73	2.91	1.17	1.33	99.06	2.97	1.66	65	55.33
CO3	1.52	1.84	2.9	1.17	1.38	99.53	2.99	1.7	65	56.67
CO4	1.43	1.94	2.94	1.17	1.37	98.58	2.96	1.69	65	56.33
CO5	1.62	1.94	2.94	1.17	1.4	99.37	2.98	1.72	65	57.33

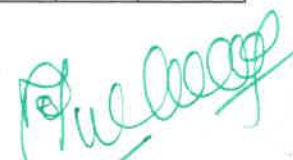
SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject EMTL

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1: Demonstrate and compute various parameters for transmission lines using either a smith chart or classical theory.	3	2	1										2	1		1.68
CO2: Differentiate matching networks for loaded transmission lines for OC and SC.	3	2	1										2	1		1.66
CO3: Determine E using various laws and applications of electro static fields.	2	2	1										2	1		1.7
CO4: Determine H using various laws and applications of magneto static fields & Derive Maxwell Equations in Time Varying Fields.	2	2	1										2	1		1.69
CO5: Demonstrate the reflection and refraction of waves at boundaries & interpret the effects of lossy and low loss dielectrics and conductors upon the propagation of electromagnetic waves, and predict this process in specific applications.	2	2	1										2	1		1.72

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
20.24	16.9	8.45										16.9	8.45	
1.69	1.69	1.69										1.69	1.69	


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSO's

YEAR-SEM: III-I		A.Y:2022-23						SUBJECT: DC									FACULTY NAME : N. KALAVATHI															EXTERNAL MARKS		
S.NO.	ROLL NO.	MID EXAM - I																		MID EXAM - II														
		Q1			Q2			Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE			ASSIGNMENT					
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L
1	20X41A0401	7	70	3	1	10	0	9	90	3	9	45	1	5	100	3	0	0	0	10	100	3	5	50	1	5	25	0	5	100	3	35	50	1
2	20X41A0402	9	90	3	2	20	0	6	60	2	4	20	0	5	100	3	8	80	3	5	50	1	2	20	0	8	40	1	5	100	3	49	70	3
3	20X41A0403	8	80	3	3	30	0	4	40	1	4	20	0	5	100	3	7	70	3	4	40	1	0	0	0	8	40	1	5	100	3	35	50	1
4	20X41A0404	7	70	3	4	40	1	9	90	3	13	65	2	5	100	3	8	80	3	10	100	3	0	0	0	10	50	1	5	100	3	35	50	1
5	20X41A0405	9	90	3	9	90	3	7	70	3	8	40	1	5	100	3	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	42	60	2
6	20X41A0406	6	60	2	7	70	3	8	80	3	11	55	2	5	100	3	5	50	1	6	60	2	9	90	3	7	35	0	5	100	3	42	60	2
7	20X41A0407	7	70	3	6	60	2	7	70	3	8	40	1	5	100	3	7	70	3	10	100	3	10	100	3	11	55	2	5	100	3	63	90	3
8	20X41A0408	6	60	2	5	50	1	6	60	2	9	45	1	5	100	3	10	100	3	10	100	3	10	100	3	6	30	0	5	100	3	56	80	3
9	20X41A0409	7	70	3	6	60	2	7	70	3	8	40	1	5	100	3	8	80	3	10	100	3	10	100	3	9	45	1	5	100	3	49	70	3
10	20X41A0410	2	20	0	5	50	1	6	60	2	7	35	0	5	100	3	7	70	3	10	100	3	0	0	0	9	45	1	5	100	3	42	60	2
11	20X41A0412	4	40	1	4	40	1	5	50	1	8	40	1	5	100	3	9	90	3	10	100	3	9	90	3	7	35	0	5	100	3	49	70	3
12	20X41A0413	2	20	0	3	30	0	4	40	1	14	70	3	5	100	3	5	50	1	4	40	1	8	80	3	9	45	1	5	100	3	42	60	2
13	20X41A0414	5	50	1	2	20	0	5	50	1	14	70	3	5	100	3	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	0	0	0
14	20X41A0415	2	20	0	3	30	0	4	40	1	7	35	0	5	100	3	8	80	3	10	100	3	10	100	3	6	30	0	5	100	3	49	70	3
15	20X41A0416	7	70	3	6	60	2	4	40	1	6	30	0	5	100	3	7	70	3	10	100	3	8	80	3	7	35	0	5	100	3	56	80	3
16	20X41A0417	9	90	3	8	80	3	7	70	3	14	70	3	5	100	3	10	100	3	10	100	3	9	90	3	7	35	0	5	100	3	49	70	3
17	20X41A0418	7	70	3	1	10	0	2	20	0	9	45	1	5	100	3	8	80	3	7	70	3	2	20	0	9	45	1	5	100	3	35	50	1
18	20X41A0419	8	80	3	5	50	1	6	60	2	12	60	2	5	100	3	9	90	3	10	100	3	10	100	3	11	55	2	5	100	3	56	80	3
19	20X41A0420	7	70	3	4	40	1	6	60	2	4	20	0	5	100	3	10	100	3	10	100	3	10	100	3	13	65	2	5	100	3	56	80	3
20	20X41A0421	10	100	3	7	70	3	9	90	3	7	35	0	5	100	3	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	63	90	3
21	20X41A0422	6	60	2	4	40	1	4	40	1	6	30	0	5	100	3	10	100	3	10	100	3	9	90	3	9	45	1	5	100	3	35	50	1
22	20X41A0423	3	30	0	4	40	1	4	40	1	2	10	0	5	100	3	10	100	3	10	100	3	5	50	1	4	20	0	5	100	3	15	50	2

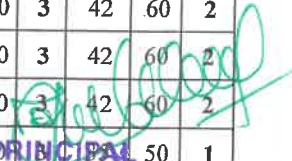
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108

23	20X41A0424	5	50	1	0	0	0	2	20	0	3	15	0	5	100	3	5	50	1	8	3	2	20	0	7	35	0	5	100	3	49	70	3	
24	20X41A0425	5	50	1	1	10	0	0	0	0	6	30	0	5	100	3	5	50	1	10	100	3	8	80	3	7	35	0	5	100	3	42	60	2
25	20X41A0427	2	20	0	2	20	0	2	20	0	8	40	1	5	100	3	0	0	0	6	60	2	1	10	0	11	55	2	5	100	3	21	30	0
26	20X41A0428	4	40	1	2	20	0	1	10	0	11	55	2	5	100	3	9	90	3	10	100	3	4	40	1	10	50	1	5	100	3	42	60	2
27	20X41A0429	8	80	3	8	80	3	10	100	3	8	40	1	5	100	3	9	90	3	10	100	3	10	100	3	10	50	1	5	100	3	63	90	3
28	20X41A0431	9	90	3	9	90	3	6	60	2	12	60	2	5	100	3	3	30	0	0	0	0	1	10	0	7	35	0	5	100	3	49	70	3
29	20X41A0432	2	20	0	4	40	1	4	40	1	7	35	0	5	100	3	8	80	3	10	100	3	7	70	3	3	15	0	5	100	3	35	50	1
30	20X41A0433	7	70	3	6	60	2	6	60	2	6	30	0	5	100	3	5	50	1	10	100	3	0	0	0	9	45	1	5	100	3	49	70	3
31	20X41A0434	3	30	0	0	0	0	1	10	0	3	15	0	5	100	3	2	20	0	9	90	3	8	80	3	8	40	1	5	100	3	42	60	2
32	20X41A0435	6	60	2	6	60	2	6	60	2	8	40	1	5	100	3	7	70	3	8	80	3	10	100	3	5	25	0	5	100	3	49	70	3
33	20X41A0437	5	50	1	2	20	0	0	0	0	6	30	0	5	100	3	8	80	3	5	50	1	2	20	0	7	35	0	5	100	3	21	30	0
34	20X41A0438	7	70	3	2	20	0	4	40	1	4	20	0	5	100	3	8	80	3	4	40	1	5	50	1	8	40	1	5	100	3	42	60	2
35	20X41A0439	6	60	2	0	0	0	0	0	0	2	10	0	5	100	3	4	40	1	10	100	3	4	40	1	10	50	1	5	100	3	21	30	0
36	20X41A0440	8	80	3	7	70	3	8	80	3	7	35	0	5	100	3	6	60	2	8	80	3	4	40	1	10	50	1	5	100	3	63	90	3
37	20X41A0442	7	70	3	8	80	3	3	30	0	6	30	0	5	100	3	6	60	2	8	80	3	8	80	3	10	50	1	5	100	3	49	70	3
38	20X41A0443	9	90	3	7	70	3	7	70	3	10	50	1	5	100	3	10	100	3	8	80	3	0	0	0	12	60	2	5	100	3	56	80	3
39	20X41A0444	8	80	3	4	40	1	6	60	2	12	60	2	5	100	3	8	80	3	5	50	1	6	60	2	10	50	1	5	100	3	49	70	3
40	20X41A0446	8	80	3	9	90	3	8	80	3	11	55	2	5	100	3	10	100	3	10	100	3	10	100	3	13	65	2	5	100	3	63	90	3
41	20X41A0447	3	30	0	2	20	0	2	20	0	12	60	2	5	100	3	0	0	0	7	70	3	5	50	1	10	50	1	5	100	3	21	30	0
42	20X41A0448	0	0	0	0	0	0	0	0	0	6	30	0	5	100	3	5	50	1	10	100	3	9	90	3	0	0	0	5	100	3	0	0	0
43	20X41A0449	9	90	3	7	70	3	6	60	2	6	30	0	5	100	3	5	50	1	10	100	3	9	90	3	10	50	1	5	100	3	49	70	3
44	20X41A0450	8	80	3	4	40	1	4	40	1	7	35	0	5	100	3	10	100	3	10	100	3	7	70	3	9	45	1	5	100	3	63	90	3
45	20X41A0451	3	30	0	0	0	0	0	0	0	10	50	1	5	100	3	3	30	0	2	20	0	2	20	0	5	25	0	5	100	3	35	50	1
46	20X41A0452	3	30	0	3	30	0	5	50	1	3	15	0	5	100	3	4	40	1	10	100	3	2	20	0	7	35	0	5	100	3	35	50	1
47	20X41A0453	5	50	1	2	20	0	0	0	0	11	55	2	5	100	3	7	70	3	6	60	2	4	40	1	9	45	1	5	100	3	42	60	2
48	20X41A0454	10	100	3	10	100	3	9	90	3	16	80	3	5	100	3	10	100	3	10	100	3	10	100	3	15	75	3	5	100	3	70	100	3
49	20X41A0455	6	60	2	0	0	0	1	10	0	10	50	1	5	100	3	2	20	0	10	100	3	10	100	3	8	40	1	5	100	3	42	60	2
50	20X41A0456	6	60	2	2	20	0	8	80	3	11	55	2	5	100	3	10	100	3	3	30	0	0	0	0	9	45	1	5	100	3	49	70	3
51	20X41A0457	6	60	2	5	50	1	6	60	2	8	40	1	5	100	3	8	80	3	8	80	3	6	60	2	7	35	0	5	100	3	49	70	3
52	20X41A0458	7	70	3	8	80	3	8	80	3	16	80	3	5	100	3	6	60	2	7	70	3	8	80	3	10	50	1	5	100	3	63	90	3

PRINCIPAL


53	20X41A0459	6	60	2	0	0	0	2	20	0	7	35	0	5	100	3	1	10	0	10	0	3	5	50	1	4	20	0	5	100	3	21	30	0
54	20X41A0460	9	90	3	5	50	1	0	0	0	15	75	3	5	100	3	8	80	3	1	10	0	7	70	3	8	40	1	5	100	3	35	50	1
55	20X41A0461	0	0	0	0	0	0	0	0	0	5	25	0	5	100	3	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	0	0	0
56	20X41A0462	2	20	0	1	10	0	2	20	0	7	35	0	5	100	3	10	100	3	4	40	1	10	100	3	11	55	2	5	100	3	49	70	3
57	20X41A0463	5	50	1	0	0	0	7	70	3	12	60	2	5	100	3	0	0	0	7	70	3	9	90	3	19	95	3	5	100	3	49	70	3
58	20X41A0464	8	80	3	0	0	0	6	60	2	8	40	1	5	100	3	0	0	0	10	100	3	8	80	3	6	30	0	5	100	3	42	60	2
59	20X41A0465	0	0	0	0	0	0	6	60	2	15	75	3	5	100	3	0	0	0	2	20	0	9	90	3	19	95	3	5	100	3	35	50	1
60	20X41A0466	7	70	3	7	70	3	7	70	3	8	40	1	5	100	3	7	70	3	10	100	3	10	100	3	14	70	3	5	100	3	49	70	3
61	20X41A0467	5	50	1	3	30	0	0	0	0	8	40	1	5	100	3	8	80	3	10	100	3	5	50	1	11	55	2	5	100	3	49	70	3
62	20X41A0468	9	90	3	1	10	0	2	20	0	10	50	1	5	100	3	10	100	3	10	100	3	5	50	1	9	45	1	5	100	3	49	70	3
63	20X41A0469	5	50	1	0	0	0	0	0	0	6	30	0	5	100	3	0	0	0	4	40	1	0	0	0	6	30	0	5	100	3	21	30	0
64	20X41A0470	4	40	1	1	10	0	1	10	0	3	15	0	5	100	3	5	50	1	8	80	3	6	60	2	11	55	2	5	100	3	49	70	3
65	20X41A0471	2	20	0	0	0	0	1	10	0	6	30	0	5	100	3	2	20	0	2	20	0	5	50	1	8	40	1	5	100	3	42	60	2
66	20X41A0472	7	70	3	7	70	3	3	30	0	6	30	0	5	100	3	10	100	3	10	100	3	9	90	3	7	35	0	5	100	3	56	80	3
67	20X41A0473	8	80	3	5	50	1	7	70	3	14	70	3	5	100	3	9	90	3	10	100	3	0	0	0	7	35	0	5	100	3	42	60	2
68	20X41A0474	8	80	3	0	0	0	6	60	2	15	75	3	5	100	3	10	100	3	5	50	1	1	10	0	9	45	1	5	100	3	42	60	2
69	20X41A0475	9	90	3	6	60	2	2	20	0	6	30	0	5	100	3	9	90	3	7	70	3	0	0	0	9	45	1	5	100	3	42	60	2
70	20X41A0476	7	70	3	2	20	0	2	20	0	0	0	0	5	100	3	6	60	2	0	0	0	5	50	1	10	50	1	5	100	3	35	50	1
71	20X41A0477	8	80	3	8	80	3	9	90	3	6	30	0	5	100	3	10	100	3	10	100	3	7	70	3	8	40	1	5	100	3	49	70	3
72	20X41A0478	6	60	2	0	0	0	2	20	0	7	35	0	5	100	3	2	20	0	0	0	0	8	80	3	7	35	0	5	100	3	35	50	1
73	20X41A0479	2	20	0	0	0	0	2	20	0	0	0	0	5	100	3	5	50	1	0	0	0	5	50	1	6	30	0	5	100	3	21	30	0
74	20X41A0480	5	50	1	8	80	3	8	80	3	7	35	0	5	100	3	10	100	3	10	100	3	9	90	3	14	70	3	5	100	3	70	100	3
75	20X41A0481	0	0	0	0	0	0	0	0	0	7	35	0	5	100	3	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	42	60	2
76	20X41A0482	7	70	3	3	30	0	6	60	2	10	50	1	5	100	3	7	70	3	10	100	3	7	70	3	13	65	2	5	100	3	56	80	3
77	20X41A0483	9	90	3	0	0	0	3	30	0	12	60	2	5	100	3	0	0	0	8	80	3	2	20	0	9	45	1	5	100	3	42	60	2
78	20X41A0484	9	90	3	0	0	0	0	0	0	4	20	0	5	100	3	3	30	0	7	70	3	4	40	1	7	35	0	5	100	3	35	50	1
79	20X41A0485	8	80	3	5	50	1	6	60	2	0	0	0	5	100	3	10	100	3	7	70	3	7	70	3	6	30	0	5	100	3	42	60	2
80	20X41A0486	4	40	1	3	30	0	3	30	0	4	20	0	5	100	3	5	50	1	8	80	3	3	30	0	7	35	0	5	100	3	35	50	1
81	20X41A0487	4	40	1	0	0	0	3	30	0	12	60	2	5	100	3	10	100	3	9	90	3	0	0	0	9	45	1	5	100	3	42	60	2
82	20X41A0488	5	50	1	0	0	0	6	60	2	12	60	2	5	100	3	0	0	0	8	80	3	0	0	0	10	50	1	5	100	3	42	60	2

83	20X41A0489	8	80	3	3	30	0	5	50	1	7	35	0	5	100	3	9	90	3	10	90	3	10	100	3	9	45	1	5	100	3	42	60	2
84	20X41A0490	3	30	0	0	0	0	7	70	3	10	50	1	5	100	3	0	0	0	8	80	3	2	20	0	10	50	1	5	100	3	35	50	1
85	20X41A0491	8	80	3	0	0	0	3	30	0	5	25	0	5	100	3	0	0	0	5	50	1	0	0	0	7	35	0	5	100	3	42	60	2
86	20X41A0492	2	20	0	1	10	0	2	20	0	11	55	2	5	100	3	10	100	3	10	100	3	5	50	1	13	65	2	5	100	3	42	60	2
87	20X41A0493	7	70	3	6	60	2	2	20	0	10	50	1	5	100	3	7	70	3	9	90	3	9	90	3	12	60	2	5	100	3	35	50	1
88	20X41A0495	8	80	3	6	60	2	9	90	3	11	55	2	5	100	3	7	70	3	10	100	3	9	90	3	9	45	1	5	100	3	49	70	3
89	20X41A0496	5	50	1	0	0	0	0	0	0	6	30	0	5	100	3	7	70	3	10	100	3	10	100	3	14	70	3	5	100	3	49	70	3
90	20X41A0497	3	30	0	0	0	0	1	10	0	18	90	3	5	100	3	9	90	3	10	100	3	0	0	0	9	45	1	5	100	3	56	80	3
91	20X41A0498	7	70	3	3	30	0	7	70	3	6	30	0	5	100	3	1	10	0	2	20	0	0	0	0	5	25	0	5	100	3	21	30	0
92	20X41A04A0	9	90	3	9	90	3	8	80	3	10	50	1	5	100	3	9	90	3	10	100	3	9	90	3	11	55	2	5	100	3	49	70	3
93	20X41A04A1	9	90	3	7	70	3	8	80	3	15	75	3	5	100	3	2	20	0	5	50	1	7	70	3	10	50	1	5	100	3	42	60	2
94	20X41A04A2	7	70	3	0	0	0	8	80	3		0	0	5	100	3	0	0	0	10	100	3	0	0	0	11	55	2	5	100	3	21	30	0
95	20X41A04A3	9	90	3	8	80	3	8	80	3	11	55	2	5	100	3	10	100	3	9	90	3	9	90	3	11	55	2	5	100	3	42	60	2
96	20X41A04A4	10	100	3	8	80	3	9	90	3	7	35	0	5	100	3	6	60	2	8	80	3	8	80	3	10	50	1	5	100	3	49	70	3
97	20X41A04A5	9	90	3	7	70	3	9	90	3	10	50	1	5	100	3	10	100	3	10	100	3	9	90	3	16	80	3	5	100	3	70	100	3
98	20X41A04A6	9	90	3	6	60	2	7	70	3	11	55	2	5	100	3	3	30	0	4	40	1	8	80	3	8	40	1	5	100	3	49	70	3
99	20X41A04A7	9	90	3	8	80	3	9	90	3	11	55	2	5	100	3	10	100	3	10	100	3	9	90	3	7	35	0	5	100	3	49	70	3
100	20X41A04A8	8	80	3	4	40	1	3	30	0	6	30	0	5	100	3	0	0	0	7	70	3	3	30	0	6	30	0	5	100	3	35	50	1
101	20X41A04A9	7	70	3	1	10	0	3	30	0	4	20	0	5	100	3	4	40	1	10	100	3	1	10	0	5	25	0	5	100	3	42	60	2
102	20X41A04B1	4	40	1	8	80	3	7	70	3	10	50	1	5	100	3	2	20	0	9	90	3	1	10	0	13	65	2	5	100	3	42	60	2
103	20X41A04B2	9	90	3	8	80	3	8	80	3	15	75	3	5	100	3	10	100	3	10	100	3	7	70	3	12	60	2	5	100	3	49	70	3
104	21X45A0401	9	90	3	9	90	3	6	60	2	8	40	1	5	100	3	5	50	1	7	70	3	5	50	1	8	40	1	5	100	3	49	70	3
105	21X45A0402	8	80	3	5	50	1	5	50	1	11	55	2	5	100	3	6	60	2	9	90	3	6	60	2	8	40	1	5	100	3	49	70	3
106	21X45A0403	7	70	3	6	60	2	4	40	1	14	70	3	5	100	3	9	90	3	7	70	3	6	60	2	10	50	1	5	100	3	56	80	3
107	21X45A0404	8	80	3	8	80	3	7	70	3	10	50	1	5	100	3	6	60	2	10	100	3	1	10	0	16	80	3	5	100	3	35	50	1
108	21X45A0405	8	80	3	7	70	3	6	60	2	6	30	0	5	100	3	8	80	3	5	50	1	5	50	1	12	60	2	5	100	3	42	60	2
109	21X45A0406	8	80	3	4	40	1	4	40	1	12	60	2	5	100	3	8	80	3	2	20	0	4	40	1	14	70	3	5	100	3	42	60	2
110	21X45A0407	5	50	1	3	30	0		0	0	11	55	2	5	100	3	2	20	0	9	90	3	4	40	1	13	65	2	5	100	3	42	60	2
111	21X45A0408	6	60	2	6	60	2	6	60	2	11	55	2	5	100	3	2	20	0	6	60	2	5	50	1	9	45	1	5	100	3	42	60	2
112	21X45A0409	9	90	3	0	0	0	0	0	0	15	75	3	5	100	3	1	10	0	4	40	1	2	20	0	9	45	1	5	100	3	21	30	0


SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

113	21X45A0410	10	100	3	10	100	3	0	0	0	13	65	2	5	100	3	9	90	3	10	0	3	10	100	3	9	45	1	5	100	3	49	70	3
114	21X45A0411	9	90	3	5	50	1	7	70	3	15	75	3	5	100	3	0	0	0	8	80	3	0	0	0	7	35	0	5	100	3	49	70	3
115	21X45A0412	8	80	3	6	60	2	8	80	3	16	80	3	5	100	3	0	0	0	2	20	0	0	0	0	14	70	3	5	100	3	21	30	0
116	21X45A0413	6	60	2	7	70	3	8	80	3	16	80	3	5	100	3	2	20	0	3	30	0	0	0	0	7	35	0	5	100	3	42	60	2
117	21X45A0414	7	70	3	8	80	3	8	80	3	16	80	3	5	100	3	1	10	0	8	80	3	6	60	2	7	35	0	5	100	3	42	60	2
118	21X45A0415	8	80	3	8	80	3	8	80	3	15	75	3	5	100	3	2	20	0	2	20	0	0	0	0	8	40	1	5	100	3	42	60	2
119	21X45A0416	9	90	3	7	70	3	10	100	3	15	75	3	5	100	3	2	20	0	2	20	0	3	30	0	4	20	0	5	100	3	21	30	0
120	21X45A0417	7	70	3	4	40	1	7	70	3	15	75	3	5	100	3	2	20	0	6	60	2	2	20	0	13	65	2	5	100	3	35	50	1
121	21X45A0418	7	70	3	5	50	1	8	80	3	15	75	3	5	100	3	1	10	0	3	30	0	2	20	0	8	40	1	5	100	3	35	50	1
122	21X45A0419	6	60	2	5	50	1	0	0	0	15	75	3	5	100	3	8	80	3	10	100	3	5	50	1	10	50	1	5	100	3	42	60	2
123	21X45A0420	5	50	1	7	70	3	4	40	1	15	75	3	5	100	3	6	60	2	8	80	3	7	70	3	2	10	0	5	100	3	42	60	2
124	21X45A0421	7	70	3	2	20	0	5	50	1	15	75	3	5	100	3	6	60	2	8	80	3	3	30	0	10	50	1	5	100	3	42	60	2
125	21X45A0422	9	90	3	8	80	3	6	60	2	13	65	2	5	100	3	8	80	3	7	70	3	8	80	3	9	45	1	5	100	3	49	70	3
126	21X45A0423	6	60	2	0	0	0	3	30	0	6	30	0	5	100	3	6	60	2	0	0	0	4	40	1	9	45	1	5	100	3	21	30	0
127	21X45A0424	0	0	0	0	0	0	0	0	0	13	65	2	5	100	3	6	60	2	0	0	0	4	40	1	9	45	1	5	100	3	21	30	0
AVERAGE		6.32	63	2.1	3.99	40	1.19	4.74	47	1.46	9.49	45.9	1.2	5	100	3	5.7	57	1.8	7.2	72	2.2	1	52	1.6	8.89	44	1	5	100	3	42.2	60	2
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)		
CO WISE SUM		2.09			1.19			1.46			1.2			3			1.77			2.24			1.56			1			3			1.98		

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF	ATTAINMENT PERCENTAGE
CO1	2.09	1.2	3	1.98	1.97	98.58	2.96	2.17	65	72.33
CO2	1.19	1.2	3	1.98	1.83	98.9	2.97	2.06	65	68.67
CO3	1.61	1.1	3	1.98	1.89	99.37	2.98	2.11	65	70.33
CO4	2.24	1	3	1.98	1.97	98.27	2.95	2.17	65	72.33
CO5	1.56	1	3	1.98	1.87	99.67	2.99	2.09	65	69.67

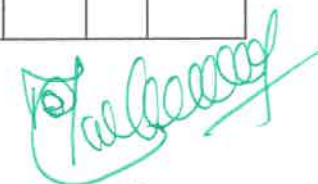
SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO Matrix for the Subject DC

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1: Explain the working of pulse digital modulation systems such as PCM, DPCM and DM.	3		1				1			2			1			2.17
CO2: Classify the various digital passband modulation techniques such as ASK, FSK, PSK, QPSK, DPSK and <u>M-ary modulation techniques</u> .	3	1											3			2.06
CO3: Analyze the performance of various digital pass band modulation systems in terms of probability of error and <u>signal to noise ratio</u> .	2	3	1	1									2	1		2.11
CO4: Familiarize the concepts of information theory and develop the source code with the probabilities given.	1	1	3										2	1		2.17
CO5: Apply the theorems governing the transmission of information over a noise channel and perform the efficiency calculations. Develop the communication system with various channel coding techniques.	2		1	2									2	2		2.09

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
23.26	10.56	12.88	6.29			2.17			4.34			21.1	8.46	
2.11	2.11	2.15	2.1			2.17			2.17			2.11	2.12	



PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' Grade

DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS

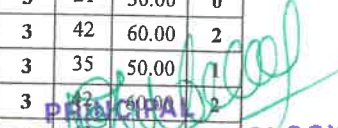
CALCULATION OF LEVEL OF ATTAINMENT FOR COs, POs and PSOs

YEAR-SEM: III-I		A.Y:2022-23																												SUBJECT: COA			FACULTY NAME: A.V.P. SARVARI												EXTERNAL MARKS		
S.NO.	ROLL NO.	MID-I						MID EXAM - II						Q1			Q2			Q3			ONLINE			ASSIGNMENT			Marks	%	L																
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L																			
1	20X41A0401		0	0	5	50	1	8	80	3	11	55	2	5	100	3	1	10	0		0	0	3	30	0	6	30	0	5	100	3	35	50.00	1													
2	20X41A0402	3	30	0	6	60	2	9	90	3	7	35	0	5	100	3	1	10	0	2	20	0	1	10	0	10	50	1	5	100	3	21	30.00	0													
3	20X41A0403		0	0	4	40	1	6	60	2	9	45	1	5	100	3	1	10	0	2	20	0		0	0	3	15	0	5	100	3	21	30.00	0													
4	20X41A0404		0	0	6	60	2	7	70	3	11	55	2	5	100	3	3	30	0	1	10	0	3	30	0	5	25	0	5	100	3	21	30.00	0													
5	20X41A0405	6	60	2	9	90	3	10	100	3	9	45	1	5	100	3		0	0		0	0		0	0		0	0																			
6	20X41A0406	5	50	1	1	10	0	7	70	3	14	70	3	5	100	3	7	70	3	3	30	0	3	30	0	7	35	0	5	100	3	49	70.00	3													
7	20X41A0407	6	60	2	8	80	3	10	100	3	14	70	3	5	100	3	8	80	3	3	30	0	1	10	0	9	45	1	5	100	3	35	50.00	1													
8	20X41A0408	3	30	0	8	80	3	10	100	3	10	50	1	5	100	3	8	80	3	10	100	3	8	80	3	8	40	1	5	100	3	21	30.00	0													
9	20X41A0409	5	50	1	9	90	3	8	80	3	8	40	1	5	100	3	9	90	3	9	90	3	9	90	3	1	5	0	5	100	3	63	90.00	3													
10	20X41A0410		0	0	3	30	0	7	70	3	14	70	3	5	100	3		0	0	1	10	0		0	0	13	65	2	5	100	3	35	50.00	1													
11	20X41A0412	3	30	0	9	90	3	5	50	1	9	45	1	5	100	3	8	80	3		0	0	3	30	0	16	80	3	5	100	3	35	50.00	1													
12	20X41A0413	7	70	3	7	70	3	6	60	2	16	80	3	5	100	3		0	0	3	30	0	2	20	0	11	55	2	5	100	3	21	30.00	0													
13	20X41A0414	2	20	0	7	70	3	4	40	1	15	75	3	5	100	3		0	0		0	0		0	0		0	0	5	100	3		0.00	0													
14	20X41A0415	4	40	1	3	30	0	5	50	1	15	75	3	5	100	3	1	10	0		0	0		0	0	14	70	3	5	100	3	21	30.00	0													
15	20X41A0416	6	60	2	8	80	3	9	90	3	12	60	2	5	100	3	7	70	3	3	30	0	1	10	0	4	20	0	5	100	3	35	50.00	1													
16	20X41A0417	8	80	3	8	80	3	10	100	3	10	50	1	5	100	3	9	90	3	3	30	0	4	40	1	10	50	1	5	100	3	42	60.00	2													
17	20X41A0418	7	70	3	8	80	3	7	70	3	10	50	1	5	100	3	4	40	1	3	30	0	1	10	0	5	25	0	5	100	3	42	60.00	2													
18	20X41A0419	9	90	3	10	100	3	10	100	3	13	65	2	5	100	3	9	90	3	9	90	3	6	60	2	11	55	2	5	100	3	49	70.00	3													
19	20X41A0420	7	70	3	9	90	3	9	90	3	9	45	1	5	100	3	10	100	3	8	80	3	3	30	0	7	35	0	5	100	3	49	70.00	3													
20	20X41A0421	8	80	3	10	100	3	9	90	3	14	70	3	5	100	3	10	100	3	7	70	3	9	90	3	6	30	0	5	100	3	35	50.00	1													
21	20X41A0422	4	40	1	8	80	3	8	80	3	11	55	2	5	100	3	3	30	0	3	30	0	3	30	0	14	70	3	5	100	3	35	50.00	1													
22	20X41A0423	10	100	3	9	90	3	3	30	0	13	65	2	5	100	3	7	70	3		0	0	4	40	1	5	25	0	5	100	3	35	50.00	1													
23	20X41A0424	2	20	0	9	90	3	8	80	3	6	30	0	5	100	3	1	10	0		0	0	2	20	0	10	50	1	5	100	3	21	30.00	0													
24	20X41A0425	4	40	1	7	70	3	8	80	3	4	20	0	5	100	3	4	40	1	5	50	1		0	0	9	45	1	5	100	3	21	30.00	0													
25	20X41A0427	6	60	2	2	20	0	2	20	0	6	30	0	5	100	3	5	50	1		0	0		0	0	5	25	0	5	100	3	35	50.00	1													
26	20X41A0428	2	20	0	5	50	1	6	60	2	14	70	3	5	100	3	3	30	0	3	30	0	1	10	0	12	60	2	5	100	3	35	50.00	1													
27	20X41A0429	9	90	3	10	100	3	10	100	3	6	30	0	5	100	3	10	100	3	8	80	3	9	90	3	9	45	1	5	100	3	49	70.00	3													
28	20X41A0431	3	30	0	7	70	3	5	50	1	8	40	1	5	100	3	4	40	1	4	40	1		0	0	5	25	0	5	100	3	21	30.00	0													
29	20X41A0432	5	50	1	10	100	3	4	40	1	14	70	3	5	100	3	10	100	3	5	50	1	2	20	0	2	10	0	5	100	3	42	60.00	2													
30	20X41A0433	7	70	3	8	80	3	3	30	0	9	45	1	5	100	3	4	40	1	3	30	0	4	40	1	17	85	3	5	100	3	21	30.00	0													
31	20X41A0434	3	30	0	3	30	0	5	50	1		0	0	5	100	3	4	40	1	5	50	1	4	40	1	9	45	1	5	100	3	35	50.00	1													
32	20X41A0435	6	60	2	9	90	3	8	80	3	9	45	1	5	100	3	7	70	3	4	40	1	6	60	2	9	45	1	5	100	3	35	50.00	1													
33	20X41A0437		0	0	4	40	1	5	50	1	5	25	0	5	100	3	9	90	3	1	10	0	3	30	0	7	35	0	5	100	3	35	50.00	1													
34	20X41A0438	4	40	1	3	30	0		0	0	7	35	0	5	100	3	7	70	3		0	0	3	30	0	15	75	3	5	100	3	35	50.00	1													

35	20X41A0439		0	0	5	50	1	4	40	1	6		0	5	100	3		0	0		0	0	5	50	1	7	35	0	5	100	3	21	30.00	0
36	20X41A0440	9	90	3	7	70	3	9	90	3	13	65	2	5	100	3	8	80	3	5	50	1	1	10	0	13	65	2	5	100	3	49	70.00	3
37	20X41A0442	9	90	3	10	100	3	6	60	2	13	65	2	5	100	3	9	90	3	7	70	3	4	40	1	15	75	3	5	100	3	56	80.00	3
38	20X41A0443	10	100	3	8	80	3	10	100	3	12	60	2	5	100	3	10	100	3	5	50	1	2	20	0	12	60	2	5	100	3	42	60.00	2
39	20X41A0444	9	90	3	8	80	3	8	80	3	15	75	3	5	100	3	9	90	3		0	0		0	0	17	85	3	5	100	3	49	70.00	3
40	20X41A0446	8	80	3	9	90	3	7	70	3	11	55	2	5	100	3	8	80	3	7	70	3	3	30	0	16	80	3	5	100	3	42	60.00	2
41	20X41A0447	5	50	1	8	80	3	8	80	3	14	70	3	5	100	3	4	40	1	3	30	0	1	10	0	11	55	2	5	100	3	35	50.00	1
42	20X41A0449	8	80	3	9	90	3	7	70	3	11	55	2	5	100	3	9	90	3	7	70	3	6	60	2	11	55	2	5	100	3	35	50.00	1
43	20X41A0450	7	70	3	8	80	3	8	80	3	5	25	0	5	100	3	10	100	3	6	60	2	6	60	2	6	30	0	5	100	3	35	50.00	1
44	20X41A0451		0	0	2	20	0	4	40	1	4	20	0	5	100	3	2	20	0	2	20	0	1	10	0	12	60	2	5	100	3	21	30.00	0
45	20X41A0452	4	40	1	8	80	3	7	70	3	3	15	0	5	100	3	4	40	1	5	50	1	3	30	0	5	25	0	5	100	3	42	60.00	2
46	20X41A0453	1	10	0	7	70	3	6	60	2	15	75	3	5	100	3	3	30	0	1	10	0	2	20	0	16	80	3	5	100	3	21	30.00	0
47	20X41A0454	10	100	3	10	100	3	9	90	3	9	45	1	5	100	3	9	90	3	7	70	3	10	100	3	7	35	0	5	100	3	56	80.00	3
48	20X41A0455	4	40	1	4	40	1	7	70	3	19	95	3	5	100	3	4	40	1	7	70	3		0	0	13	65	2	5	100	3	42	60.00	2
49	20X41A0456	7	70	3	8	80	3	8	80	3		0	0	5	100	3	5	50	1	5	50	1	3	30	0	11	55	2	5	100	3	49	70.00	3
50	20X41A0457	3	30	0	6	60	2	7	70	3	11	55	2	5	100	3	9	90	3	6	60	2	2	20	0	11	55	2	5	100	3	35	50.00	1
51	20X41A0458	9	90	3	8	80	3	9	90	3	17	85	3	5	100	3	4	40	1	7	70	3	6	60	2	14	70	3	5	100	3	49	70.00	3
52	20X41A0459	1	10	0	6	60	2	6	60	2	6	30	0	5	100	3	7	70	3		0	0	2	20	0	13	65	2	5	100	3	21	30.00	0
53	20X41A0460	3	30	0	5	50	1	7	70	3	4	20	0	5	100	3	7	70	3	1	10	0	1	10	0	11	55	2	5	100	3	42	60.00	2
54	20X41A0462	3	30	0	4	40	1	5	50	1	5	25	0	5	100	3	5	50	1	4	40	1		0	0	11	55	2	5	100	3	21	60.00	2
55	20X41A0463	7	70	3	10	100	3	8	80	3	9	45	1	5	100	3		0	0	7	70	3	4	40	1	12	60	2	5	100	3	42	50.00	1
56	20X41A0464	7	70	3	9	90	3	7	70	3	16	80	3	5	100	3	4	40	1	7	70	3	2	20	0	12	60	2	5	100	3	35	50.00	1
57	20X41A0465	5	50	1	5	50	1	8	80	3	11	55	2	5	100	3		0	0	9	90	3		0	0	15	75	3	5	100	3	35	30.00	0
58	20X41A0466	8	80	3	8	80	3	7	70	3	14	70	3	5	100	3	4	40	1	7	70	3		0	0	15	75	3	5	100	3	21	50.00	1
59	20X41A0467	6	60	2	8	80	3	7	70	3	16	80	3	5	100	3	3	30	0	2	20	0	4	40	1	9	45	1	5	100	3	35	30.00	0
60	20X41A0468	2	20	0	8	80	3	8	80	3	8	40	1	5	100	3	5	50	1	7	70	3	5	50	1	9	45	1	5	100	3	21	30.00	0
61	20X41A0469		0	0	3	30	0	4	40	1	13	65	2	5	100	3		0	0		0	0	5	50	1	11	55	2	5	100	3	21	50.00	1
62	20X41A0470	2	20	0	2	20	0		0	0	7	35	0	5	100	3		0	0	4	40	1	5	50	1	14	70	3	5	100	3	35	30.00	0
63	20X41A0471	2	20	0	7	70	3	7	70	3	12	60	2	5	100	3		0	0		0	0	5	50	1	9	45	1	5	100	3	21	60.00	2
64	20X41A0472	5	50	1	8	80	3	8	80	3	14	70	3	5	100	3	6	60	2	7	70	3	5	50	1	8	40	1	5	100	3	42	70.00	3
65	20X41A0473	6	60	2	4	40	1	10	100	3	12	60	2	5	100	3	4	40	1	2	20	0	1	10	0	10	50	1	5	100	3	49	30.00	0
66	20X41A0474	4	40	1	5	50	1	5	50	1	15	75	3	5	100	3	5	50	1		0	0		0	0	17	85	3	5	100	3	21	50.00	1
67	20X41A0475	7	70	3	3	30	0	3	30	0	14	70	3	5	100	3	6	60	2		0	0	4	40	1	12	60	2	5	100	3	35	30.00	0
68	20X41A0476	4	40	1	5	50	1	4	40	1	7	35	0	5	100	3		0	0	9	90	3		0	0	2	10	0	5	100	3	21	80.00	3
69	20X41A0477	8	80	3	10	100	3	9	90	3	10	50	1	5	100	3	8	80	3	8	80	3	6	60	2	8	40	1	5	100	3	56	30.00	0
70	20X41A0478	2	20	0	8	80	3	7	70	3	6	30	0	5	100	3	5	50	1	2	20	0	4	40	1	12	60	2	5	100	3	21	30.00	0
71	20X41A0479	3	30	0	5	50	1	3	30	0	15	75	3	5	100	3		0	0	3	30	0	4	40	1	12	60	2	5	100	3	21	60.00	2
72	20X41A0480	8	80	3	10	100	3	10	100	3	10	50	1	5	100	3	10	100	3	5	50	1	5	50	1	7	35	0	5	100	3	42	60.00	2
73	20X41A0481	5	50	1	8	80	3	10	100	3	13	65	2	5	100	3		0	0	9	90	3		0	0	8	40	1	5	100	3	42	60.00	2
74	20X41A0482	1	10	0	5	50	1	10	100	3	7	35	0	5	100	3	6	60	2	5	50	1	4	40	1	12	60	2	5	100	3	42	60.00	2
75	20X41A0483	4	40	1	8	80	3	9	90	3	10	50	1	5	100	3	6	60	2		0	0	5	50	1	15	75	3	5	100	3	42	60.00	2
76	20X41A0484	2	20	0	8	80	3	7	70	3	10	50	1	5	100	3		0	0	2	20	0	3	30	0	9	45	1	5	100	3	21	30.00	0

SRK INSTITUTE OF TECHNOLOGY
 ENKEPADA, VIJAYAWADA-521 101

77	20X41A0485	4	40	1	6	60	2	9	90	3	16			3	5	100	3	6	60	2	4	40	1		4	40	1	5	25	0	5	100	3	42	60.00	2
78	20X41A0486	2	20	0	9	90	3	6	60	2	8	40		1	5	100	3	5	50	1	2	20	0		6	60	2	11	55	2	5	100	3	21	30.00	0
79	20X41A0487		0	0	6	60	2	9	90	3	8	40		1	5	100	3	5	50	1	4	40	1		3	30	0	10	50	1	5	100	3	21	30.00	0
80	20X41A0488		0	0	6	60	2	6	60	2	12	60		2	5	100	3	6	60	2	1	10	0		3	30	0	7	35	0	5	100	3	21	30.00	0
81	20X41A0489		0	0	8	80	3	10	100	3	15	75		3	5	100	3	5	50	1	1	10	0		3	30	0	7	35	0	5	100	3	21	30.00	0
82	20X41A0490	2	20	0	8	80	3	5	50	1	14	70		3	5	100	3		0	0		0	0		1	10	0	13	65	2	5	100	3	42	60.00	2
83	20X41A0491	4	40	1	7	70	3	7	70	3	6	30		0	5	100	3		0	0		0	0		3	30	0	11	55	2	5	100	3	21	30.00	0
84	20X41A0492	7	70	3	7	70	3	9	90	3	9	45		1	5	100	3		0	0	7	70	3			0	0	8	40	1	5	100	3	35	50.00	1
85	20X41A0493	5	50	1	9	90	3	5	50	1	13	65		2	5	100	3		0	0	4	40	1		4	40	1	14	70	3	5	100	3	21	30.00	0
86	20X41A0495	6	60	2	8	80	3	9	90	3	10	50		1	5	100	3		0	0	4	40	1		4	40	1	14	70	3	5	100	3	35	50.00	1
87	20X41A0496		0	0	4	40	1	10	100	3	12	60		2	5	100	3	4	40	1	1	10	0		7	70	3	14	70	3	5	100	3	35	50.00	1
88	20X41A0497	3	30	0	7	70	3	8	80	3	13	65		2	5	100	3	5	50	1	3	30	0		3	30	0	10	50	1	5	100	3	21	30.00	0
89	20X41A0498		0	0	3	30	0	4	40	1	7	35		0	5	100	3	3	30	0	4	40	1			0	0	14	70	3	5	100	3	21	30.00	0
90	20X41A04A0	4	40	1	8	80	3	8	80	3	12	60		2	5	100	3	1	10	0	2	20	0		6	60	2	7	35	0	5	100	3	35	50.00	1
91	20X41A04A1	3	30	0	8	80	3	9	90	3	16	80		3	5	100	3	10	100	3	8	80	3		9	90	3	10	50	1	5	100	3	42	60.00	2
92	20X41A04A2	1	10	0	2	20	0	7	70	3	2	10		0	5	100	3		0	0	2	20	0		3	30	0	14	70	3	5	100	3	42	60.00	2
93	20X41A04A3	6	60	2	7	70	3	8	80	3	14	70		3	5	100	3		0	0	3	30	0			0	0	12	60	2	5	100	3	21	30.00	0
94	20X41A04A4	1	10	0	8	80	3	7	70	3	8	40		1	5	100	3	3	30	0	5	50	1		2	20	0	14	70	3	5	100	3	49	70.00	3
95	20X41A04A5	5	50	1	6	60	2	5	50	1	15	75		3	5	100	3	5	50	1	2	20	0		2	20	0	7	35	0	5	100	3	35	50.00	1
96	20X41A04A6	2	20	0	7	70	3	8	80	3	10	50		1	5	100	3	6	60	2	6	60	2		5	50	1	14	70	3	5	100	3	49	70.00	3
97	20X41A04A7	8	80	3	9	90	3	9	90	3	10	50		1	5	100	3	5	50	1	6	60	2			0	0	12	60	2	5	100	3	42	60.00	2
98	20X41A04A8	4	40	1	5	50	1	4	40	1	11	55		2	5	100	3	4	40	1	8	80	3		2	20	0	5	25	0	5	100	3	42	60.00	2
99	20X41A04A9		0	0	6	60	2	3	30	0	7	35		0	5	100	3		0	0	5	50	1			0	0	13	65	2	5	100	3	35	50.00	1
100	20X41A04B1		0	0	6	60	2	2	20	0	16	80		3	5	100	3		0	0	4	40	1		1	10	0	9	45	1	5	100	3	35	50.00	1
101	20X41A04B2	9	90	3	9	90	3	9	90	3	14	70		3	5	100	3	9	90	3	9	90	3		4	40	1	15	75	3	5	100	3	63	90.00	3
102	21X45A0401	8	80	3	7	70	3	9	90	3	16	80		3	5	100	3	10	100	3	9	90	3		4	40	1	15	75	3	5	100	3	49	70.00	3
103	21X45A0402	3	30	0	7	70	3	8	80	3	8	40		1	5	100	3	10	100	3	7	70	3		3	30	0	16	80	3	5	100	3	49	70.00	3
104	21X45A0403	7	70	3	8	80	3	8	80	3	8	40		1	5	100	3	9	90	3	7	70	3			0	0	14	70	3	5	100	3	35	50.00	1
105	21X45A0404	3	30	0	9	90	3	8	80	3	16	80		3	5	100	3	9	90	3	7	70	3		4	40	1	10	50	1	5	100	3	21	30.00	0
106	21X45A0405	4	40	1	8	80	3	7	70	3	9	45		1	5	100	3	7	70	3	7	70	3		2	20	0	15	75	3	5	100	3	56	80.00	3
107	21X45A0406	3	30	0	8	80	3	6	60	2	14	70		3	5	100	3	6	60	2	4	40	1		4	40	1	14	70	3	5	100	3	35	50.00	1
108	21X45A0407		0	0	7	70	3	5	50	1	18	90		3	5	100	3	2	20	0	7	70	3		4	40	1	16	80	3	5	100	3	35	50.00	1
109	21X45A0408	1	10	0	6	60	2	9	90	3	7	35		0	5	100	3		0	0		0	0			0	0		0	0	5	100	3	21	30.00	0
110	21X45A0409		0	0		0		0	0	0	5	25		0	5	100	3		0	0	3	30	0		3	30	0	14	70	3	5	100	3	21	30.00	0
111	21X45A0410	3	30	0	9	90	3	10	100	3	13	65		2	5	100	3	3	30	0	8	80	3			0	0	11	55	2	5	100	3	21	30.00	0
112	21X45A0411	6	60	2	5	50	1	2	20	0	14	70		3	5	100	3		0	0	2	20	0			0	0	11	55	2	5	100	3	42	60.00	2
113	21X45A0412		0	0	5	50	1	6	60	2	13	65		2	5	100	3	1	10	0		0	0			0	0	14	70	3	5	100	3	21	30.00	0
114	21X45A0413	3	30	0	3	30	0	8	80	3	17	85		3	5	100	3	4	40	1	9	90	3			0	0	14	70	3	5	100	3	42	60.00	2
115	21X45A0414	3	30	0	8	80	3	8	80	3	16	80		3	5	100	3	5	50	1	9	90	3		3	30	0	14	70	3	5	100	3	35	50.00	1
116	21X45A0415		0	0	10	100	3	8	80	3	13	65		2	5	100	3		0	0	7	70	3			0	0	13	65	2	5	100	3	42	60.00	2
117	21X45A0416		0	0	7	70	3	8	80	3	15	75		3	5	100	3		0	0	7	70	3		3	30	0	11	55	2	5	100	3	42	60.00	2
118	21X45A0417	1	10	0	9	90	3	9	90	3	12	60		2	5	100	3		0	0	7	70	3		8	80	3	20	100	3	5	100	3	21	30.00	0


SRK INSTITUTE OF TECHNOLOGY
ENKEPADAU, VIJAYAWADA-521 108.

119	21X45A0418		0	0	9	90	3	6	60	2	11		2	5	100	3	10	100	3	5	50	1		0	0	18	90	3	5	100	3	42	60.00	2
120	21X45A0419	4	40	1	7	70	3	5	50	1	17	85	3	5	100	3	6	60	2	7	70	3		0	0	17	85	3	5	100	3	42	60.00	2
121	21X45A0420	5	50	1	8	80	3	8	80	3	16	80	3	5	100	3	9	90	3	9	90	3	4	40	1	15	75	3	5	100	3	49	70.00	3
122	21X45A0421	3	30	0	9	90	3	8	80	3	13	65	2	5	100	3	9	90	3	6	60	2	4	40	1	9	45	1	5	100	3	35	50.00	1
123	21X45A0422	7	70	3	8	80	3	6	60	2	11	55	2	5	100	3	2	20	0	6	60	2	1	10	0	13	65	2	5	100	3	21	30.00	0
124	21X45A0423		0	0	4	40	1	7	70	3	10	50	1	5	100	3	2	20	0	2	20	0	5	50	1	20	100	3	5	100	3	35	50.00	1
125	21X45A0424		0	0	3	30		2	20	0	15	75	3	5	100	3		0	0	3	30	0	2	20	0	18	90	3	5	100	3	21	30.00	0
AVERAGE		4.92	40.2	1.1	6.87	68.2	2.27	7.06	68.9	2.3	11.13	54.8	1.67	5	100	3	5.9	46.2	1.36	4.96	41.7	1.2	3.71	28.2	0.56	11.1	54.2	1.66	5	100	3	34.2	49	1.18
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)		
CO WISE SUM		1.1			2.27			1.83			1.67			3			1.83			1.2			0.56			1.66			3			1.18		

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	1.1	1.67	3	1.18	1.31	95.60	2.87	1.62	65	54.00
CO2	2.27	1.67	3	1.18	1.48	94.86	2.85	1.75	65	58.33
CO3	1.83	1.67	3	1.18	1.42	90.83	2.72	1.68	65	56.00
CO4	1.2	1.66	3	1.18	1.32	91.56	2.75	1.61	65	53.67
CO5	0.56	1.66	3	1.18	1.23	93.39	2.80	1.54	65	51.33

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	≥70

CO-PO correlation Matrix for the Subject COA

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1		1											2	1		1.62
CO2	1	1											1	2		1.75
CO3	2	2											1	2		1.68
CO4	2	2											1	2		1.61
CO5	1	1											1	1		1.54

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
9.87	11.49											9.82	13.24	
1.65	1.64											1.64	1.66	

CO-PO Matrix for all Subjects III-I

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
AICA	1.95	1.95	1.92	1.97									1.95		1.92
EMTL	1.69	1.69	1.69										1.69	1.69	
DC	2.11	2.11	2.15	2.1			2.17			2.17			2.11	2.12	
COA	1.65	1.64											1.64	1.66	
EMI	1.97	1.97	1.97	2.02										1.98	
AICA	2.84	2.84	2.84										2.84	2.84	
DC LAB	2.23	2.21	2.25		2.25								2.23		
DS using	2.74	2.74	2.74	2.74	2.74				2.74					2.74	
AVERAG	2.15	2.14	2.22	2.21	2.5					2.17			2.08	2.17	1.92

2020-24 Admitted Batch Semester Wise Average Attainments

Semester	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
I-I	2.18	2.3	2.2	2.23	2.34	2.39	2.39	2.89	2.89	2.82		2.14	2.01	2.06	2.01
I-II	2.02	2.02	1.92	2.03	2.15	2.53	2.53	2.94	2.94		2.94	1.34	2.17	1.79	
II-I	2.15	2.12	2.41	1.7	1.72	1.72		2.82		1.55		2.2	1.95	1.93	2.74
II-II	1.88	1.88	1.91	1.86	2.46	2.69	1.68	2.89	2.83	2.09	1.94	1.69	1.9	1.61	2.3
III-I	2.15	2.14	2.22	2.21	2.5					2.17			2.08	2.17	
AVERAGE	2.08	2.09	2.13	2.01	2.23	2.33	2.2	2.89	2.89	2.16	2.44	1.84	2.02	2.17	2.24



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJA WADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' Grade

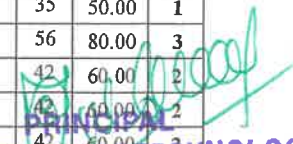
DEPARTMENT OF ELECTRONICIS AND COMMUNICATIONS ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSO

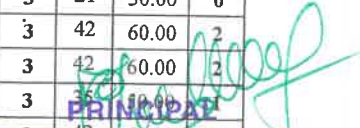
YEAR-SEM: III-I		A.Y:2022-23									SUBJECT: EMI									FACULTY NAME: T.MANOOGNA												EXTERNAL MARKS		
S.NO.	ROLL NO.	Q1			Q2			MID-I			ONLINE			ASSIGNMENT			Q1			Q2			MID EXAM - II			ONLINE			ASSIGNMENT					
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L			
1	20X41A0401	6	60	2	8	80	3		0	0	7	35	0	5	100	3	8	80	3		0	0	8	80	3	8	40	1	5	100	3	42	60.00	2
2	20X41A0402	3	30	0	3	30	0	4	40	1	3	15	0	5	100	3	5	50	1	5	50	1	9	90	3	12	60	2	5	100	3	42	60.00	2
3	20X41A0403		0	0	1	10	0	2	20	0	7	35	0	5	100	3		0	0		0	0		0	0	2	10	0	5	100	3	21	30.00	0
4	20X41A0404	2	20	0		0	0	2	20	0	2	10	0	5	100	3	4	40	1	3	30	0	4	40	1	7	35	0	5	100	3	35	50.00	1
5	20X41A0405	6	60	2	8	80	3	9	90	3	7	35	0	5	100	3		0	0		0	0		0	0		0	0	5	100	3	56	80.00	3
6	20X41A0406	1	10	0	2	20	0	3	30	0	5	25	0	5	100	3	6	60	2	6	60	2	5	50	1	10	50	1	5	100	3	42	60.00	2
7	20X41A0407	10	100	3	6	60	2	5	50	1	5	25	0	5	100	3	8	80	3	6	60	2	6	60	2	4	20	0	5	100	3	42	60.00	2
8	20X41A0408	8	80	3	6	60	2	5	50	1	6	30	0	5	100	3	9	90	3	7	70	3	7	70	3	5	25	0	5	100	3	49	70.00	3
9	20X41A0409	8	80	3	9	90	3	8	80	3	8	40	1	5	100	3	7	70	3	9	90	3	7	70	3	6	30	0	5	100	3	49	70.00	3
10	20X41A0410	3	30	0	4	40	1	3	30	0	7	35	0	5	100	3	8	80	3		0	0	1	10	0	11	55	2	5	100	3	35	50.00	1
11	20X41A0412	6	60	2	4	40	1	7	70	3	7	35	0	5	100	3	7	70	3	1	10	0	6	60	2	8	40	1	5	100	3	35	50.00	1
12	20X41A0413	3	30	0	3	30	0	5	50	1	7	35	0	5	100	3	8	80	3	3	30	0	9	90	3	4	20	0	5	100	3	35	50.00	1
13	20X41A0414	6	60	2	3	30	0	1	10	0	7	35	0	5	100	3		0	0		0	0		0	0		0	0	5	100	3		0.00	0
14	20X41A0415	6	60	2	6	60	2	6	60	2	8	40	1	5	100	3	3	30	0		0	0		0	0	15	75	3	5	100	3	42	60.00	2
15	20X41A0416	9	90	3	7	70	3	8	80	3	9	45	1	5	100	3	8	80	3	10	100	3	7	70	3	7	35	0	5	100	3	49	70.00	3
16	20X41A0417	7	70	3	6	60	2	9	90	3	9	45	1	5	100	3	9	90	3	7	70	3	7	70	3	9	45	1	5	100	3	49	70.00	3
17	20X41A0418	2	20	0	4	40	1	4	40	1	8	40	1	5	100	3	9	90	3	5	50	1	3	30	0	5	25	0	5	100	3	49	70.00	3
18	20X41A0419	7	70	3	8	80	3	6	60	2	9	45	1	5	100	3	10	100	3	10	100	3	10	100	3	6	30	0	5	100	3	49	70.00	3
19	20X41A0420	8	80	3	8	80	3	6	60	2	5	25	0	5	100	3	6	60	2	9	90	3	8	80	3	2	10	0	5	100	3	49	70.00	3
20	20X41A0421	9	90	3	8	80	3	9	90	3	11	55	2	5	100	3	10	100	3	10	100	3	9	90	3	6	30	0	5	100	3	56	80.00	3
21	20X41A0422	5	50	1	6	60	2	7	70	3	6	30	0	5	100	3	5	50	1	8	80	3	7	70	3	8	40	1	5	100	3	49	70.00	3
22	20X41A0423	6	60	2	5	50	1	4	40	1	5	25	0	5	100	3	6	60	2	2	20	0	7	70	3	3	15	0	5	100	3	35	50.00	1
23	20X41A0424	5	50	1	6	60	2	8	80	3	6	30	0	5	100	3	8	80	3	2	20	0	5	50	1	8	40	1	5	100	3	42	60.00	2
24	20X41A0425	4	40	1	5	50	1	6	60	2	6	30	0	5	100	3	7	70	3	4	40	1	6	60	2	6	30	0	5	100	3	35	50.00	1
25	20X41A0427	2	20	0	4	40	1	1	10	0	12	60	2	5	100	3	5	50	1	7	70	3	3	30	0	11	55	2	5	100	3	35	50.00	1
26	20X41A0428	7	70	3	6	60	2	6	60	2	3	15	0	5	100	3	7	70	3	1	10	0	3	30	0	9	45	1	5	100	3	35	50.00	1
27	20X41A0429	10	100	3	10	100	3	10	100	3	6	30	0	5	100	3	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	56	80.00	3
28	20X41A0431		0	0	8	80	3	10	100	3	9	45	1	5	100	3		0	0	1	10	0	4	40	1	3	15	0	5	100	3	35	50.00	1
29	20X41A0432	2	20	0	7	70	3	7	70	3	5	25	0	5	100	3	7	70	3	7	70	3	6	60	2	6	30	0	5	100	3	42	60.00	2
30	20X41A0433	6	60	2	8	80	3	9	90	3	15	75	3	5	100	3	7	70	3	9	90	3	5	50	1	11	55	2	5	100	3	42	60.00	2
31	20X41A0434	2	20	0		0	0		0	0	5	25	0	5	100	3	9	90	3		0	0	5	50	1	8	40	1	5	100	3	35	50.00	1
32	20X41A0435	5	50	1	7	70	3	9	90	3	4	20	0	5	100	3	6	60	2	10	100	3	9	90	3	10	50	1	5	100	3	49	70.00	3
33	20X41A0437	7	70	3	2	20	0	2	20	0	11	55	2	5	100	3		0	0	8	80	3	8	80	3	10	50	1	5	100	3	56	80.00	3
34	20X41A0438	3	30	0	4	40	1	6	60	2	6	30	0	5	100	3	8	80	3	5	50	1	4	40	1	9	45	1	5	100	3	42	60.00	2

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108

35	20X41A0439	1	10	0	0	0	0	0	0	6	30	0	5	100	3	5	50	1	3	30	0	8	80	3	6	30	0	5	100	3	21	30.00	0		
36	20X41A0440	5	50	1	7	70	3	9	90	3	9	+5	1	5	100	3	10	100	3	7	70	3	8	80	3	6	30	0	5	100	3	49	70.00	3	
37	20X41A0442	5	50	1	7	70	3	8	80	3	3	15	0	5	100	3	9	90	3	8	80	3	10	100	3	11	55	2	5	100	3	56	80.00	3	
38	20X41A0443	10	100	3	6	60	2	7	70	3	8	40	1	5	100	3	9	90	3	10	100	3	10	100	3	7	35	0	5	100	3	49	70.00	3	
39	20X41A0444	10	100	3	10	100	3	4	40	1	3	15	0	5	100	3	6	60	2	2	20	0	8	80	3	5	25	0	5	100	3	42	60.00	2	
40	20X41A0446	6	60	2	6	60	2	8	80	3	7	35	0	5	100	3	9	90	3	8	80	3	6	60	2	11	55	2	5	100	3	49	70.00	3	
41	20X41A0447	3	30	0	0	0	0	0	0	6	30	0	5	100	3	7	70	3	10	100	3	2	20	0	9	45	1	5	100	3	35	50.00	1		
42	20X41A0449	6	60	2	5	50	1	9	90	3	7	35	0	5	100	3	10	100	3	10	100	3	8	80	3	3	15	0	5	100	3	42	60.00	2	
43	20X41A0450	5	50	1	6	60	2	8	80	3	4	20	0	5	100	3	6	60	2	7	70	3	10	100	3	5	25	0	5	100	3	49	70.00	3	
44	20X41A0451	4	40	1	0	0	0	0	0	7	35	0	5	100	3	5	50	1	7	70	3	5	50	1	10	50	1	5	100	3	21	30.00	0		
45	20X41A0452	5	50	1	7	70	3	7	70	3	6	30	0	5	100	3	3	30	0	5	50	1	5	50	1	6	30	0	5	100	3	35	50.00	1	
46	20X41A0453	8	80	3	0	0	4	40	1	11	55	2	5	100	3	7	70	3	10	100	3	3	30	0	11	55	2	5	100	3	35	50.00	1		
47	20X41A0454	9	90	3	7	70	3	10	100	3	7	35	0	5	100	3	10	100	3	10	100	3	10	100	3	5	25	0	5	100	3	56	80.00	3	
48	20X41A0455	4	40	1	0	0	7	70	3	7	35	0	5	100	3	5	50	1	3	30	0	9	90	3	3	15	0	5	100	3	35	50.00	1		
49	20X41A0456	3	30	0	0	0	0	0	0	5	25	0	5	100	3	0	0	0	7	70	3	10	100	3	5	25	0	5	100	3	35	50.00	1		
50	20X41A0457	2	20	0	4	40	1	6	60	2	6	30	0	5	100	3	8	80	3	10	100	3	6	60	2	11	55	2	5	100	3	49	70.00	3	
51	20X41A0458	5	50	1	7	70	3	9	90	3	11	55	2	5	100	3	7	70	3	9	90	3	9	90	3	11	55	2	5	100	3	56	80.00	3	
52	20X41A0459	5	50	1	7	70	3	2	20	0	9	45	1	5	100	3	2	20	0	0	0	0	0	0	6	30	0	5	100	3	21	30.00	0		
53	20X41A0460	1	10	0	0	0	4	40	1	10	50	1	5	100	3	7	70	3	7	70	3	5	50	1	6	30	0	5	100	3	35	50.00	1		
54	20X41A0462	4	40	1	1	10	0	2	20	0	5	25	0	5	100	3	8	80	3	1	10	0	6	60	2	7	35	0	5	100	3	35	50.00	1	
55	20X41A0463	10	100	3	0	0	0	0	0	7	35	0	5	100	3	0	0	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	42	60.00	2
56	20X41A0464	10	100	3	4	40	1	8	80	3	10	50	1	5	100	3	6	60	2	9	90	3	10	100	3	10	50	1	5	100	3	49	70.00	3	
57	20X41A0465	6	60	2	1	10	0	10	100	3	6	30	0	5	100	3	7	70	3	4	40	1	10	100	3	13	65	2	5	100	3	49	70.00	3	
58	20X41A0466	7	70	3	6	60	2	9	90	3	4	20	0	5	100	3	10	100	3	6	60	2	3	30	0	13	65	2	5	100	3	42	60.00	2	
59	20X41A0467	7	70	3	6	60	2	2	20	0	6	30	0	5	100	3	6	60	2	9	90	3	9	90	3	14	70	3	5	100	3	42	60.00	2	
60	20X41A0468	8	80	3	7	70	3	9	90	3	8	40	1	5	100	3	8	80	3	10	100	3	9	90	3	14	70	3	5	100	3	56	80.00	3	
61	20X41A0469	2	20	0	0	0	3	30	0	9	45	1	5	100	3	5	50	1	4	40	1	5	50	1	8	40	1	5	100	3	21	30.00	0		
62	20X41A0470	5	50	1	6	60	2	9	90	3	5	25	0	5	100	3	8	80	3	9	90	3	8	80	3	9	45	1	5	100	3	42	60.00	2	
63	20X41A0471	2	20	0	0	0	8	80	3	8	40	1	5	100	3	6	60	2	7	70	3	4	40	1	6	30	0	5	100	3	42	60.00	2		
64	20X41A0472	8	80	3	8	80	3	9	90	3	12	60	2	5	100	3	10	100	3	9	90	3	10	100	3	15	75	3	5	100	3	56	80.00	3	
65	20X41A0473	2	20	0	6	60	2	8	80	3	8	40	1	5	100	3	7	70	3	9	90	3	10	100	3	11	55	2	5	100	3	63	90.00	3	
66	20X41A0474	3	30	0	5	50	1	3	30	0	5	25	0	5	100	3	7	70	3	6	60	2	3	30	0	11	55	2	5	100	3	35	50.00	1	
67	20X41A0475	10	100	3	8	80	3	4	40	1	9	45	1	5	100	3	7	70	3	3	30	0	2	20	0	7	35	0	5	100	3	35	50.00	1	
68	20X41A0476	2	20	0	0	0	6	60	2	6	30	0	5	100	3	0	0	10	100	3	7	70	3	6	30	0	5	100	3	35	50.00	1			
69	20X41A0477	10	100	3	8	80	3	7	70	3	9	45	1	5	100	3	10	100	3	7	70	3	10	100	3	9	45	1	5	100	3	70	100.00	3	
70	20X41A0478	3	30	0	0	0	3	30	0	8	40	1	5	100	3	0	0	9	90	3	4	40	1	12	60	2	5	100	3	35	50.00	1			
71	20X41A0479	5	50	1	2	20	0	1	10	0	9	45	1	5	100	3	4	40	1	6	60	2	2	20	0	12	60	2	5	100	3	35	50.00	1	
72	20X41A0480	10	100	3	8	80	3	9	90	3	9	45	1	5	100	3	8	80	3	10	100	3	10	100	3	13	65	2	5	100	3	56	80.00	3	
73	20X41A0481	9	90	3	0	0	3	30	0	7	35	0	5	100	3	10	100	3	9	90	3	6	60	2	8	40	1	5	100	3	42	60.00	2		
74	20X41A0482	9	90	3	4	40	1	6	60	2	7	35	0	5	100	3	7	70	3	9	90	3	9	90	3	11	55	2	5	100	3	42	60.00	2	
75	20X41A0483	5	50	1	0	0	5	50	1	5	25	0	5	100	3	10	100	3	6	60	2	6	60	2	8	40	1	5	100	3	42	60.00	2		
76	20X41A0484	3	30	0	0	0	2	20	0	5	25	0	5	100	3	8	80	3	5	50	1	2	20	0	7	35	0	5	100	3	35	50.00	1		


SRM INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

77	20X41A0485	5	50	1	7	70	3	4	40	1	7	35	0	5	100	3	5	50	1	8	80	3	5	50	1	3	15	0	5	100	3	42	60.00	2
78	20X41A0486	5	50	1	5	50	1	3	30	0	8	40	1	5	100	3	5	50	1	6	60	2	6	60	2	5	25	0	5	100	3	35	50.00	1
79	20X41A0487	4	40	1	6	60	2	2	20	0	8	40	1	5	100	3	8	80	3	10	100	3	7	70	3	7	35	0	5	100	3	49	70.00	3
80	20X41A0488	5	50	1		0	0	1	10	0	6	30	0	5	100	3	7	70	3	8	80	3	1	10	0	12	60	2	5	100	3	35	50.00	1
81	20X41A0489	5	50	1	1	10	0	7	70	3	11	55	2	5	100	3	5	50	1	10	100	3	10	100	3	12	60	2	5	100	3	42	60.00	2
82	20X41A0490	3	30	0		0	0	3	30	0	10	50	1	5	100	3	9	90	3		0	0	1	10	0	12	60	2	5	100	3	21	30.00	0
83	20X41A0491	5	50	1		0	0	7	70	3	10	50	1	5	100	3	8	80	3		0	0	10	100	3	8	40	1	5	100	3	35	50.00	1
84	20X41A0492	6	60	2		0	0	9	90	3	10	50	1	5	100	3	8	80	3		0	0	8	80	3	11	55	2	5	100	3	42	60.00	2
85	20X41A0493	6	60	2	2	20	0	3	30	0	12	60	2	5	100	3	5	50	1	8	80	3	3	30	0	12	60	2	5	100	3	42	60.00	2
86	20X41A0495	10	100	3		0	0	8	80	3	6	30	0	5	100	3	9	90	3	9	90	3	4	40	1	13	65	2	5	100	3	42	60.00	2
87	20X41A0496	5	50	1		0	0	6	60	2	12	60	2	5	100	3	9	90	3	9	90	3	9	90	3	10	50	1	5	100	3	42	60.00	2
88	20X41A0497		0	0		0	0	8	80	3	10	50	1	5	100	3	8	80	3	2	20	0	8	80	3	12	60	2	5	100	3	35	50.00	1
89	20X41A0498	2	20	0		0	0	7	70	3	8	40	1	5	100	3	8	80	3	5	50	1	1	10	0	12	60	2	5	100	3	35	50.00	1
90	20X41A04A0	6	60	2	9	90	3	8	80	3	5	25	0	5	100	3	10	100	3	9	90	3	10	100	3	12	60	2	5	100	3	42	60.00	2
91	20X41A04A1	8	80	3	6	60	2	8	80	3	12	60	2	5	100	3	8	80	3	9	90	3	6	60	2	14	70	3	5	100	3	42	60.00	2
92	20X41A04A2		0	0		0	0	1	10	0	7	35	0	5	100	3	9	90	3	2	20	0		0	0	11	55	2	5	100	3	21	30.00	0
93	20X41A04A3	7	70	3	7	70	3	8	80	3	7	35	0	5	100	3	10	100	3	6	60	2	10	100	3	12	60	2	5	100	3	56	80.00	3
94	20X41A04A4	5	50	1	6	60	2	8	80	3	6	30	0	5	100	3	8	80	3	10	100	3	4	40	1	8	40	1	5	100	3	35	50.00	1
95	20X41A04A5	10	100	3	6	60	2	8	80	3	13	65	2	5	100	3	10	100	3	10	100	3	10	100	3	13	65	2	5	100	3	42	60.00	2
96	20X41A04A6	6	60	2	3	30	0	9	90	3	7	35	0	5	100	3	10	100	3	6	60	2	9	90	3	7	35	0	5	100	3	42	60.00	2
97	20X41A04A7	6	60	2	4	40	1	8	80	3	6	30	0	5	100	3	10	100	3	9	90	3	10	100	3	12	60	2	5	100	3	56	80.00	3
98	20X41A04A8	4	40	1		0	0	4	40	1	4	20	0	5	100	3	8	80	3	4	40	1	3	30	0	13	65	2	5	100	3	35	50.00	1
99	20X41A04A9	2	20	0	3	30	0	7	70	3	6	30	0	5	100	3	7	70	3	8	80	3	8	80	3	13	65	2	5	100	3	35	50.00	1
100	20X41A04B1	2	20	0	8	80	3		0	0	8	40	1	5	100	3	8	80	3	3	30	0		0	0	10	50	1	5	100	3	35	50.00	1
101	20X41A04B2	5	50	1	7	70	3	8	80	3	10	50	1	5	100	3	8	80	3	10	100	3	8	80	3	12	60	2	5	100	3	56	80.00	3
102	21X45A0401	7	70	3	9	90	3	10	100	3	7	35	0	5	100	3	8	80	3	9	90	3	10	100	3	11	55	2	5	100	3	49	70.00	3
103	21X45A0402	2	20	0	9	90	3	6	60	2	6	30	0	5	100	3	8	80	3	5	50	1	10	100	3	7	35	0	5	100	3	35	50.00	1
104	21X45A0403	5	50	1	8	80	3	10	100	3	8	40	1	5	100	3	8	80	3	8	80	3	10	100	3	14	70	3	5	100	3	49	70.00	3
105	21X45A0404	4	40	1	6	60	2	8	80	3	8	40	1	5	100	3	8	80	3	7	70	3	10	100	3	11	55	2	5	100	3	42	60.00	2
106	21X45A0405	5	50	1	6	60	2	9	90	3	9	45	1	5	100	3	8	80	3	7	70	3	10	100	3	12	60	2	5	100	3	42	60.00	2
107	21X45A0406	6	60	2	6	60	2	7	70	3	5	25	0	5	100	3	8	80	3	3	30	0	10	100	3	14	70	3	5	100	3	21	30.00	0
108	21X45A0407	2	20	0	7	70	3	7	70	3	13	65	2	5	100	3	7	70	3	5	50	1	8	80	3	13	65	2	5	100	3	35	50.00	1
109	21X45A0408	3	30	0	10	100	3	8	80	3	13	65	2	5	100	3	4	40	1	8	80	3	2	20	0	14	70	3	5	100	3	42	60.00	2
110	21X45A0409		0	0	10	100	3	8	80	3	12	60	2	5	100	3	7	70	3	6	60	2	10	100	3	14	70	3	5	100	3	21	30.00	0
111	21X45A0410	5	50	1	10	100	3	10	100	3	7	35	0	5	100	3	9	90	3	5	50	1	9	90	3	8	40	1	5	100	3	42	60.00	2
112	21X45A0411	1	10	0	6	60	2	7	70	3	6	30	0	5	100	3	6	60	2	10	100	3	6	60	2	17	85	3	5	100	3	42	60.00	2
113	21X45A0412		0	0	7	70	3		0	0	6	30	0	5	100	3	8	80	3	9	90	3	5	50	1	15	75	3	5	100	3	21	30.00	0
114	21X45A0413	3	30	0	4	40	1	7	70	3	18	90	3	5	100	3	10	100	3	1	10	0	9	90	3	13	65	2	5	100	3	42	60.00	2
115	21X45A0414	2	20	0	8	80	3	10	100	3	10	50	1	5	100	3	9	90	3	10	100	3	6	60	2	7	35	0	5	100	3	42	60.00	2
116	21X45A0415	3	30	0	4	40	1	6	60	2	14	70	3	5	100	3	10	100	3	3	30	0	6	60	2	5	25	0	5	100	3	42	60.00	2
117	21X45A0416	3	30	0	10	100	3	10	100	3	17	85	3	5	100	3	10	100	3	5	50	1	8	80	3	14	70	3	5	100	3	42	60.00	2
118	21X45A0417	5	50	1	8	80	3	9	90	3	8	40	1	5	100	3	8	80	3	8	80	3	10	100	3	4	20	0	5	100	3	42	60.00	2


SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

119	21X45A0418	5	50	1	7	70	3	7	70	3	4	70	0	5	100	3	8	80	3	10	100	3	10	100	3	11	55	2	5	100	3	42	60.00	2
120	21X45A0419	3	30	0	4	40	1	1	10	0	15	75	3	5	100	3	9	90	3	8	80	3	6	60	2	11	55	2	5	100	3	42	60.00	2
121	21X45A0420	4	40	1	7	70	3	6	60	2	5	25	0	5	100	3	8	80	3	10	100	3	10	100	3	9	45	1	5	100	3	56	80.00	3
122	21X45A0421	5	50	1	6	60	2	8	80	3	9	45	1	5	100	3	8	80	3	7	70	3	10	100	3	9	45	1	5	100	3	42	60.00	2
123	21X45A0422	9	90	3	7	70	3	8	80	3	8	40	1	5	100	3	9	90	3	10	100	3	10	100	3	13	65	2	5	100	3	49	70.00	3
124	21X45A0423	6	60	2	2	20	0	3	30	0	9	45	1	5	100	3	7	70	3	5	50	1	9	90	3	13	65	2	5	100	3	35	50.00	1
125	21X45A0424		0	0	2	20	0		0	0	10	50	1	5	100	3	8	80	3		0	0	7	70	3	10	50	1	5	100	3	21	30.00	0
AVERAGE		5.26	49.7	1.31	5.96	46.7	1.54	6.3	58	1.87	7.77	38.8	0.66	5	100	3	7.6	70.4	2.41	6.95	62.8	1.96	1	66.2	2.03	9.31	45.8	1.19	5	100	3	41	58	1.79
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)		
CO WISE SUM		1.31			1.54			2.14			0.66			3			2.14			1.96			2.03			1.19			3			1.79		

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	1.31	0.66	3	1.79	1.67	93.11	2.79	1.89	65	63.00
CO2	1.54	0.66	3	1.79	1.7	95.29	2.86	1.93	65	64.33
CO3	2.14	0.925	3	1.79	1.82	92.61	2.78	2.01	65	67.00
CO4	1.96	1.19	3	1.79	1.82	93.78	2.81	2.02	65	67.33
CO5	2.03	1.19	3	1.79	1.83	92.27	2.77	2.02	65	67.33

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject EMI

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	3	3	2													
CO2	2	3	2											1		1.89
CO3	2	3	2	1										2		1.93
CO4	2	3	2	3										2		2.01
CO5	2	3	2											2		2.02
														1		2.02

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
21.63	29.61	19.74	8.07											
1.97	1.97	1.97	2.02										15.83	
													1.98	

CO-PO Matrix for all Subjects III-I

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
AICA	1.95	1.95	1.92	1.97									1.95		1.92
EMTL	1.69	1.69	1.69										1.69	1.69	
DC	2.11	2.11	2.15	2.1			2.17			2.17			2.11	2.12	
COA	1.65	1.64											1.64	1.66	
EMI	1.97	1.97	1.97	2.02										1.98	
AICA	2.84	2.84	2.84										2.84	2.84	
DC LAB	2.23	2.21	2.25		2.25								2.23		
DS using	2.74	2.74	2.74	2.74	2.74				2.74						2.74
AVERAG	2.15	2.14	2.22	2.21	2.5					2.17			2.08	2.17	1.92

2020-24 Admitted Batch Semester Wise Average Attainments

Semester	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
I-I	2.18	2.3	2.2	2.23	2.34	2.39	2.39	2.89	2.89	2.82		2.14	2.01	2.06	2.01
I-II	2.02	2.02	1.92	2.03	2.15	2.53	2.53	2.94	2.94		2.94	1.34	2.17	1.79	
II-I	2.15	2.12	2.41	1.7	1.72	1.72		2.82		1.55		2.2	1.95	1.93	2.74
II-II	1.88	1.88	1.91	1.86	2.46	2.69	1.68	2.89	2.83	2.09	1.94	1.69	1.9	1.61	2.74
III-I	2.15	2.14	2.22	2.21	2.5					2.17			2.08	2.17	2.74
AVERAGE	2.08	2.09	2.13	2.01	2.23	2.33	2.2	2.89	2.89	2.16	2.44	1.84	2.02	2.17	2.74

SRK INSTITUTE OF TECHNOLOGY
 ANKERADIL VILAYAWADA-521 104
 Prof. S.R. ...
 Head of E.C.E.Dept.
 S.R. ...



SRK INSTITUTE OF TECHNOLOGY, ENIKEI U, VIJAYAWADA -521108
 Approved by AICTE, Affiliated to JNTUK, Kakinada
 ISO 9001:2015 Certified Institution
 Accredited with NAAC 'A' grade
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

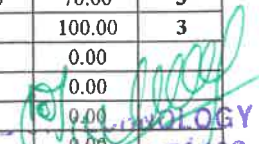
CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

BRANCH: ECE	YEAR-SEM: III-I	NAME OF LAB: AICA	FACULTY NAME: V.SRLAKSHMI
A.Y:2022-23			


S.NO.	ROLL NO.	INTERNAL															EXTERNAL										
		OBSERVATION RECORD						CO 1			CO 2			CO 3			CO 1			CO 2			CO 3				
		Daywise Performance						M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L		
1	20X41A0401	4	80	3	4	80	3	3	60.00	2		0.00			0.00				0.00			31.5	90	3		0.00	
2	20X41A0402	5	100	3	5	100	3	3	60.00	2		0.00			0.00				0.00				0		28	80.00	3
3	20X41A0403	4	80	3	3	60	2	2	40.00	1		0.00			0.00				0.00				0		24.5	70.00	3
4	20X41A0404	5	100	3	4	80	3	4	80.00	3		0.00			0.00			24.5	70.00	3		0				0.00	
5	20X41A0405	5	100	3	5	100	3		0.00		4	80.00	3		0.00			35	100.00	3		0				0.00	
6	20X41A0406	5	100	3	5	100	3		0.00		3	60	2		0.00				0.00		28	80	3			0.00	
7	20X41A0407	5	100	3	5	100	3		0.00		5	100.00	3		0.00				0.00		35	100	3			0.00	
8	20X41A0408	5	100	3	5	100	3		0.00		3	60.00	2		0.00				0.00		28	80	3			0.00	
9	20X41A0409	5	100	3	5	100	3	3	60.00	2		0.00			0.00				0.00			0		31.5	90.00	3	
10	20X41A0410	4	80	3	3	60	2	3	60.00	2		0.00			0.00				0.00		28	80	3			0.00	
11	20X41A0412	3	60	2	4	80	3		0.00			0.00		4	80.00	3		28	80.00	3		0				0.00	
12	20X41A0413	4	80	3	4	80	3		0.00			0.00		2	40.00	1			0.00		28	80	3			0.00	
13	20X41A0414	4	80	3	4	80	3		0.00		2	40.00	1		0.00				0.00			0				0.00	
14	20X41A0415	3	60	2	3	60	2		0.00		3	60.00	2		0.00				0.00		24.5	70	3			0.00	
15	20X41A0416	5	100	3	5	100	3		0.00		4	80.00	3		0.00				0.00			0		31.5	90.00	3	
16	20X41A0417	5	100	3	5	100	3	4	80.00	3		0.00			0.00				0.00		31.5	90	3			0.00	
17	20X41A0418	5	100	3	5	100	3		0.00		3	60.00	2		0.00			31.5	90.00	3		0				0.00	
18	20X41A0419	5	100	3	5	100	3		0.00			0.00		3	60.00	2			0.00		31.5	90	3			0.00	
19	20X41A0420	5	100	3	5	100	3		0.00		5	100.00	3		0.00				0.00		31.5	90	3			0.00	
20	20X41A0421	5	100	3	5	100	3	5	100.00	3		0.00			0.00				0.00		35	100	3			0.00	
21	20X41A0422	4	80	3	5	100	3		0.00		4	80.00	3		0.00			31.5	90.00	3		0				0.00	
22	20X41A0423	4	80	3	4	80	3		0.00		4	80.00	3		0.00			31.5	90.00	3		0				0.00	
23	20X41A0424	4	80	3	4	80	3	3	60.00	2		0.00			0.00				0.00			0		28	80.00	3	
24	20X41A0425	3	60	2	5	100	3		0.00			0.00		5	100.00	3			0.00		28	80	3			0.00	
25	20X41A0427	3	60	2	3	60	2	2	40.00	1		0.00			0.00				0.00		21	60	2			0.00	
26	20X41A0428	3	60	2	3	60	2	2	40.00	1		0.00			0.00			24.5	70.00	3		0				0.00	
27	20X41A0429	5	100	3	5	100	3	4	80.00	3		0.00			0.00			35	100.00	3		0				0.00	
28	20X41A0431	4	80	3	5	100	3	1	20.00			0.00			0.00				0.00		24.5	70	3			0.00	
29	20X41A0432	3	60	2	3	60	2		0.00			0.00		3	60.00	2			0.00		24.5	70	3			0.00	
30	20X41A0433	5	100	3	5	100	3		0.00		3	60.00	2		0.00				0.00			0		28	80.00	3	
31	20X41A0434	3	60	2	3	60	2		0.00		3	60.00	2		0.00				0.00			0		24.5	70.00	3	
32	20X41A0435	5	100	3	5	100	3		0.00		5	100.00	3		0.00				0.00			0		35	100.00	3	
33	20X41A0437	3	60	2	3	60	2		0.00		3	60.00	2		0.00				0.00		24.5	70	3			0.00	
34	20X41A0438	3	60	2	4	80	3		0.00			0.00		3	60.00	2			0.00			0		24.5	70.00	3	
35	20X41A0439	3	60	2	3	60	2	3	60.00	2		0.00			0.00				0.00			0		24.5	70.00	3	
36	20X41A0440	5	100	3	5	100	3	5	100.00	3		0.00			0.00				0.00		35	100	3			0.00	
37	20X41A0442	5	100	3	5	100	3		0.00		5	100.00	3		0.00				0.00		35	100	3			0.00	

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 101

38	'20X41A0443	5	100	3	5	100	3		80.00	3		0.00			0.00		35	100.00	3		0			0.00		
39	20X41A0444	3	60	2	4	80	3		100.00	3		0.00			0.00		28	80.00	3		0			0.00		
40	20X41A0446	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00		35	100	3		0.00		
41	20X41A0447	4	80	3	4	80	3		0.00		2	40.00	1		0.00			0.00			0		24.5	70.00	3	
42	20X41A0449	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00			0		35	100.00	3	
43	20X41A0450	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		35	100	3		0.00		
44	20X41A0451	3	60	2	4	80	3	2	40.00	1		0.00			0.00			0.00		21	60	2		0.00		
45	20X41A0452	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00		28	80	3		0.00		
46	20X41A0453	4	80	3	5	100	3		0.00		5	100.00	3		0.00			35	100.00	3		0			0.00	
47	20X41A0454	5	100	3	5	100	3		0.00			0.00		5	100.00	3		35	100.00	3		0			0.00	
48	20X41A0455	3	60	2	4	80	3	4	80.00	3		0.00			0.00			28	80.00	3		0			0.00	
49	20X41A0456	3	60	2	4	80	3		0.00			0.00		4	80.00	3			0.00		28	80	3		0.00	
50	20X41A0457	5	100	3	5	100	3		0.00		4	80.00	3		0.00			0.00			28	80	3		0.00	
51	20X41A0458	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00			35	100	3		0.00	
52	20X41A0459	3	60	2	4	80	3	3	60.00	2		0.00			0.00			0.00			0		28	80.00	3	
53	20X41A0460	3	60	2	5	100	3	3	60.00	2		0			0.00			0.00			28	80	3		0.00	
54	21X45A0401	5	100	3	5	100	3		0.00			0		4	80.00	3	35	100.00	3		0			0.00		
55	21X45A0402	4	80	3	4	80	3		0.00		4	80	3		0.00			0.00			28	80	3		0.00	
56	21X45A0403	4	80	3	5	100	3	4	80.00	3		0.00			0.00			0.00			35	100	3		0.00	
57	21X45A0404	5	100	3	5	100	3	4	80.00	3		0.00			0.00			35	100.00	3		0			0.00	
58	21X45A0405	4	80	3	4	80	3		0.00			0.00		4	80.00	3		0.00			31.5	90	3		0.00	
59	21X45A0406	5	100	3	4	80	3		0.00			0.00		3	60.00	2		0.00			0		28	80.00	3	
60	21X45A0407	4	80	3	5	100	3		0.00		3	60.00	2		0.00			0.00			0		28	80.00	3	
61	21X45A0408	4	80	3	3	60	2		0.00		3	60.00	2		0.00			0.00			24.5	70	3		0.00	
62	21X45A0409	4	80	3	4	80	3	2	40.00	1		0.00			0.00			0.00			24.5	70	3		0.00	
63	20X41A0462	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00			0		31.5	90.00	3	
64	20X41A0463	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00			35	100	3		0.00	
65	20X41A0464	5	100	3	5	100	3	5	100.00	3		0.00			0.00			35	100.00	3		0			0.00	
66	20X41A0465	4	80	3	3	60	2		0.00		2	40.00	1		0.00			24.5	70.00	3		0			0.00	
67	20X41A0466	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00			35	100	3		0.00	
68	20X41A0467	5	100	3	4	80	3		0.00		4	80.00	3		0.00			0.00			28	80	3		0.00	
69	20X41A0468	5	100	3	5	100	3		0.00		2	40.00	1		0.00			0.00			0		31.5	90.00	3	
70	20X41A0469	3	60	2	4	80	3		0.00			0.00		2	40.00	1		0.00			0		24.5	70.00	3	
71	20X41A0470	4	80	3	4	80	3	3	60.00	2		0.00			0.00			0.00			21	60	2		0.00	
72	20X41A0471	3	60	2	4	80	3		0.00			0.00		2	40.00	1		0.00			24.5	70	3		0.00	
73	20X41A0472	5	100	3	5	100	3	5	100.00	3		0.00			0.00			35	100.00	3		0			0.00	
74	20X41A0473	4	80	3	4	80	3		0.00		2	40.00	1		0.00			28	80.00	3		0			0.00	
75	20X41A0474	3	60	2	4	80	3		0.00		2	40	1		0.00			0.00			24.5	70	3		0.00	
76	20X41A0475	5	100	3	4	80	3		0.00			0.00		5	100.00	3		0.00			35	100	3		0.00	
77	20X41A0476	4	80	3	5	100	3		0.00		2	40.00	1		0.00			0.00			0		28	80.00	3	
78	20X41A0477	5	100	3	5	100	3		0.00		4	80.00	3		0.00			0.00			35	100	3		0.00	
79	20X41A0478	3	60	2	4	80	3		0.00		3	60.00	2		0.00			0.00			28	80	3		0.00	
80	20X41A0479	4	80	3	4	80	3		0.00		2	40.00	1		0.00			0.00			0		24.5	70.00	3	
81	20X41A0480	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00			0		35	100.00	3	
82	20X41A0481	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00			31.5	90	3		0.00	
83	20X41A0482	4	80	3	4	80	3		0.00			0.00		2	40.00	1	31.5	90.00	3		0			0.00		
84	20X41A0483	3	60	2	3	60	2		0.00			0.00		3	60.00	2		0.00			31.5	90	3		0.00	
85	20X41A0484	3	60	2	5	100	3		0.00		3	60.00	2		0.00			0.00			28	80	3		0.00	
86	20X41A0485	4	80	3	5	100	3		0.00		4	80.00	3		0.00			0.00			0		24.5	70.00	3	
87	20X41A0486	4	80	3	5	100	3		0.00			0.00		2	40.00	1		0.00			28	80	3		0.00	


 ENIKEPADU ULJAYAN...
 31.5 90.00 3

88	20X41A0487	4	80	3	5	100	3		0.00		2	40.00	1		0.00		28	80.00	3		0			0.00		
89	20X41A0488	5	100	3	5	100	3		0.00		2	40.00	1		0.00		28	80.00	3		0			0.00		
90	20X41A0489	5	100	3	4	80	3		0.00		2	40.00	1		0.00			0.00		28	80	3		0.00		
91	20X41A0490	3	60	2	4	80	3	5	100.00	3		0.00			0.00			0.00			0		24.5	70.00	3	
92	20X41A0491	3	60	2	4	80	3		0.00		2	40.00	1		0.00			0.00			0		24.5	70.00	3	
93	20X41A0492	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00		35	100	3		0.00		
94	20X41A0493	4	80	3	5	100	3		0.00		3	60.00	2		0.00		31.5	90.00	3		0			0.00		
95	20X41A0495	5	100	3	5	100	3		0.00		3	60.00	2		0.00		35	100.00	3		0			0.00		
96	20X41A0496	5	100	3	5	100	3		0.00			0.00	2	40.00	1			0.00		28	80	3		0.00		
97	20X41A0497	4	80	3	4	80	3		0.00		3	60.00	2		0.00			0.00		28	80	3		0.00		
98	20X41A0498	3	60	2	3	60	2		0.00		3	60.00	2		0.00			0.00			0		24.5	70.00	3	
99	20X41A04A0	5	100	3	5	100	3	3	60.00	2		0.00			0.00			0.00		28	80	3		0.00		
100	20X41A04A1	5	100	3	5	100	3		0.00			0.00	5	100.00	3			0.00		35	100	3		0.00		
101	20X41A04A2	3	60	2	3	60	2		0.00			0.00	3	60.00	2			0.00			0		24.5	70.00	3	
102	20X41A04A3	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00		35	100	3		0.00		
103	20X41A04A4	4	80	3	5	100	3	4	80.00	3		0.00			0.00		31.5	90.00	3		0			0.00		
104	20X41A04A5	5	100	3	5	100	3	3	60.00	2		0.00			0.00		35	100.00	3		0			0.00		
105	20X41A04A6	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00		35	100	3		0.00		
106	20X41A04A7	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00			0		35	100.00	3	
107	20X41A04A8	4	80	3	5	100	3	5	100.00	3		0.00			0.00		28	80.00	3		0			0.00		
108	20X41A04A9	4	80	3	4	80	3		0.00			0.00	3	60.00	2			0.00		28	80	3		0.00		
109	20X41A04B1	3	60	2	3	60	2		0.00		3	60.00	2		0.00			0.00			0		24.5	70.00	3	
110	20X41A04B2	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00		35	100	3		0.00		
111	21X45A0410	5	100	3	5	100	3		0.00			0.00	5	100.00	3	35	100.00	3			0			0.00		
112	21X45A0411	4	80	3	3	60	2		0.00		2	40.00	1		0.00			0.00		31.5	90	3		0.00		
113	21X45A0412	3	60	2	3	60	2	3	60.00	2		0.00			0.00			0.00		24.5	70	3		0.00		
114	21X45A0413	5	100	3	5	100	3		0.00		2	40.00	1		0.00			0.00			0		31.5	90.00	3	
115	21X45A0414	4	80	3	5	100	3	5	100.00	3		0.00			0.00			0.00			0		35	100.00	3	
116	21X45A0415	3	60	2	3	60	2		0.00		3	60.00	2		0.00			0.00		24.5	70	3		0.00		
117	21X45A0416	3	60	2	3	60	2	3	60.00	2		0.00			0.00		24.5	70.00	3		0			0.00		
118	21X45A0417	5	100	3	5	100	3		0.00		2	40.00	1		0.00		28	80.00	3		0			0.00		
119	21X45A0418	5	100	3	5	100	3		0.00		2	40.00	1		0.00			0.00		31.5	90	3		0.00		
120	21X45A0419	3	60	2	3	60	2	3	60.00	2		0.00			0.00			0.00		31.5	90	3		0.00		
121	21X45A0420	5	100	3	5	100	3		0.00		2	40.00	1		0.00			0.00			0		28	80.00	3	
122	21X45A0421	5	100	3	5	100	3	2	40.00	1		0.00			0.00			0.00			0		35	100.00	3	
123	21X45A0422	4	80	3	4	80	3	5	100.00	3		0.00			0.00		31.5	90.00	3		0			0.00		
124	21X45A0423	4	80	3	4	80	3				5	100.00	3				31.5	90.00	3							
125	21X45A0424	3	60	2	3	60	2		0.00			0.00	3	60.00	2			0.00			24.5	70	3		0.00	
AVERAGE		4.2	84.2	2.7	4.4	87.7	2.8	3.7	28.7	2.4	3.1	27.7	2	3.4	11.9	2.1	31.1	22.7	3	29.6	40.9	3	28.7	21.1	3	
CO		CO1-CO3			CO1-CO3			CO1			CO2			CO3			CO1			CO2			CO3			
CO WISE PERCENTAGE		2.7			2.8			2.4			2			2.1			3			3			3			


SRK INSTITUTE OF TECHNOLOGY
NIKEPABU, VIJAYAWADA-521 108.

CO ATTAINMENT	DAYWISE PERFORMANCE		INTERNAL EXAM	INTERNAL MARKS LEVEL	EXTERNAL MARKS LEVEL	DIRECT ATTAINMENT	INDIRECT ATTAINMENT %	INDIRECT ATTAINMENT	FINAL ATTAINMENT LEVELS	EXPECTED LEVEL of ATTAINMENT %	ATTAINMENT %
CO1	2.7	2.8	2.4	2.63	3	2.89	91.56	2.75	2.86	70.00	95.33
CO2	2.7	2.8	2	2.50	3	2.85	93.58	2.81	2.84	70.00	94.67
CO3	2.7	2.8	2.1	2.53	3	2.86	90.56	2.72	2.83	70.00	94.33

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for AICA LAB

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	ATTAINMENT LEVEL
CO1	2	3	2										3	2		2.86
CO2	2	3	2										3	2		2.84
CO3	2	3	2										3	2		2.83

PO Attainments


PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
17.06	25.59	17.06										25.59	17.06	
2.84	2.84	2.84										2.84	2.84	

CO-PO Matrix for all Subjects III-I

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
AICA	1.95	1.95	1.92	1.97									1.95		1.92
EMTL	1.69	1.69	1.69										1.69	1.69	
DC	2.11	2.11	2.15	2.1			2.17			2.17			2.11	2.12	
COA	1.65	1.64											1.64	1.66	
EMI	1.97	1.97	1.97	2.02										1.98	
AICA LAB	2.84	2.84	2.84										2.84	2.84	
DC LAB	2.23	2.21	2.25		2.25								2.23		
DS using Java Lab	2.74	2.74	2.74	2.74	2.74				2.74					2.74	
AVERAGE	2.15	2.14	2.22	2.21	2.5					2.17			2.08	2.17	1.92

2020-24 Admitted Batch Semester Wise Average Attainments

Semester	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
I-I	2.18	2.3	2.2	2.23	2.34	2.39	2.39	2.89	2.89	2.82		2.14	2.01	2.06	2.01
I-II	2.02	2.02	1.92	2.03	2.15	2.53	2.53	2.94	2.94		2.94	1.34	2.17	1.79	
II-I	2.15	2.12	2.41	1.7	1.72	1.72		2.82		1.55		2.2	1.95	1.93	2.74
II-II	1.88	1.88	1.91	1.86	2.46	2.69	1.68	2.89	2.83	2.09	1.94	1.69	1.9	1.61	2.3
III-I	2.15	2.14	2.22	2.21	2.5					2.17			2.08	2.17	1.92
AVERAGE	2.08	2.09	2.13	2.01	2.23	2.33	2.2	2.89	2.89	2.16	2.44	1.84	2.02	1.91	2.24


PRINCIPAL
 Dr. S. SRIKANTH
 Professor, Department of
 ENIKEPADU, MAYAWADA-521 108.
 S.R.K. Institute of Technology



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADI, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs, POs and PSOs

BRANCH: ECE	YEAR-SEM: III-I	NAME OF LAB: DC	FACULTY NAME: N.KALAVATHI
-------------	-----------------	-----------------	---------------------------

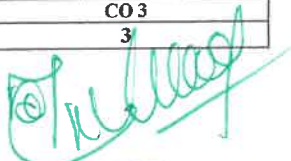
A.Y:2022-23

S.NO.	ROLL NO.	INTERNAL															EXTERNAL										
		OBSERVATION RECORD						CO 1			CO 2			CO 3			CO 1			CO 2			CO 3				
		Daywise Performance						M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L		
1	20X41A0401	4	80	3	4	80	3	2	40.00	1		0.00			0.00			28	80.00	3		0			0.00		
2	20X41A0402	5	100	3	4	80	3		0.00		1	20.00			0.00				0.00		28	80	3			0.00	
3	20X41A0403	4	80	3	3	60	2		0.00			0.00		3	60.00	2			0.00		24.5	70	3			0.00	
4	20X41A0404	5	100	3	4	80	3		0.00		2	40.00	1		0.00				0.00			0		28	80.00	3	
5	20X41A0405	5	100	3	5	100	3	4	80.00	3		0.00			0.00				0.00		35	100	3			0.00	
6	20X41A0406	5	100	3	5	100	3		0.00		2	40	1		0.00			31.5	90.00	3		0				0.00	
7	20X41A0407	5	100	3	5	100	3		0.00			0.00		5	100.00	3		35	100.00	3		0				0.00	
8	20X41A0408	5	100	3	5	100	3		0.00			0.00		2	40.00	1		28	80.00	3		0				0.00	
9	20X41A0409	5	100	3	5	100	3		0.00		3	60.00	2		0.00			31.5	90.00	3		0				0.00	
10	20X41A0410	5	100	3	4	80	3	1	20.00			0.00			0.00				0.00		28	80	3			0.00	
11	20X41A0412	5	100	3	5	100	3		0.00		3	60.00	2		0.00				0.00		35	100	3			0.00	
12	20X41A0413	5	100	3	4	80	3		0.00			0.00		2	40.00	1		31.5	90.00	3		0				0.00	
13	20X41A0414	5	100	3	4	80	3		0.00			0.00		2	40.00	1			0.00			0		AB	AB	AB	
14	20X41A0415	4	80	3	3	60	2		0.00		2	40.00	1		0.00				0.00			0		24.5	70.00	3	
15	20X41A0416	5	100	3	5	100	3	3	60.00	2		0.00			0.00				0.00			0		31.5	90.00	3	
16	20X41A0417	5	100	3	5	100	3		0.00		4	80.00	3		0.00				0.00			0		35	100.00	3	
17	20X41A0418	5	100	3	5	100	3		0.00			0.00		3	60.00	2			0.00		35	100	3			0.00	
18	20X41A0419	5	100	3	5	100	3		0.00		3	60.00	2		0.00				0.00		35	100	3			0.00	
19	20X41A0420	5	100	3	5	100	3		0.00			0.00		4	80.00	3			0.00		35	100	3			0.00	
20	20X41A0421	5	100	3	5	100	3	5	100.00	3		0.00			0.00				0.00		35	100	3			0.00	
21	20X41A0422	5	100	3	4	80	3		0.00		2	40.00	1		0.00				0.00		31.5	90	3			0.00	
22	20X41A0423	5	100	3	4	80	3		0.00			0.00		2	40.00	1		31.5	90.00	3		0				0.00	
23	20X41A0424	4	80	3	4	80	3		0.00			0.00		2	40.00	1		28	80.00	3		0				0.00	
24	20X41A0425	5	100	3	5	100	3		0.00		5	100.00	3		0.00				0.00			0		35	100.00	3	
25	20X41A0427	5	100	3	3	60	2	2	40.00	1		0.00			0.00				0.00			0		24.5	70.00	3	
26	20X41A0428	3	60	2	3	60	2	2	40.00	1		0.00			0.00				0.00			0		24.5	70.00	3	
27	20X41A0429	5	100	3	5	100	3		0.00		5	100.00	3		0.00			35	100.00	3		0				0.00	
28	20X41A0431	5	100	3	3	60	2		0.00			0.00		2	40.00	1			0.00			0		24.5	70.00	3	
29	20X41A0432	4	80	3	4	80	3		0.00			0.00		2	40.00	1		28	80.00	3		0				0.00	
30	20X41A0433	5	100	3	4	80	3		0.00		1	20.00			0.00			28	80.00	3		0				0.00	
31	20X41A0434	5	100	3	4	80	3	1	20.00			0.00			0.00			24.5	70.00	3		0				0.00	
32	20X41A0435	5	100	3	5	100	3	3	60.00	2		0.00			0.00			31.5	90.00	3		0				0.00	
33	20X41A0437	5	100	3	3	60	2		0.00		2	40.00	1		0.00				0.00		28	80	3			0.00	
34	20X41A0438	4	80	3	5	100	3		0.00			0.00		2	40.00	1			0.00			0		28	80.00	3	
35	20X41A0439	4	80	3	4	80	3		0.00		1	20.00			0.00				0.00		24.5	70	3			0.00	
36	20X41A0440	5	100	3	5	100	3	3	60.00	2		0.00			0.00			35	100.00	3		0				0.00	
37	20X41A0442	5	100	3	5	100	3		0.00		5	100.00	3		0.00				0.00		35	100				0.00	

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521108

38	20X41A0443	5	100	3	5	100	3		0.00			0.00		5	100.00	?	35	100.00	3		0				0.00	
39	20X41A0444	4	80	3	4	80	3		0.00		2	40.00	1		0.00		31.5	90.00	3		0				0.00	
40	20X41A0446	5	100	3	5	100	3		0.00			0.00		8	160.00		35	100.00	3		0				0.00	
41	20X41A0447	4	80	3	4	80	3	3	60.00	2		0.00			0.00			0.00			0			24.5	70.00	3
42	20X41A0448	A		A		0			0.00		3	60.00	2		0.00		35	100.00	3		0				0.00	
43	20X41A0449	5	100	3	5	100	3		0.00			0.00		3	60.00	2		0.00			0			35	100.00	3
44	20X41A0450	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00		35	100	3			0.00	
45	20X41A0451	3	60	2	3	60	2	2	40.00	1		0.00			0.00			0.00		24.5	70	3			0.00	
46	20X41A0452	5	100	3	4	80	3		0.00		3	60.00	2		0.00			0.00		31.5	90	3			0.00	
47	20X41A0453	4	80	3	3	60	2		0.00			0.00		3	60.00	2		0.00		28	80	3	35		100.00	3
48	20X41A0454	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		31.5	90	3			0.00	
49	20X41A0455	5	100	3	3	60	2	2	40.00	1		0.00			0.00			0.00			0			31.5	90.00	3
50	20X41A0456	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00			0			31.5	90.00	3
51	20X41A0457	5	100	3	4	80	3		0.00			0.00		8	160.00		35	100.00	3		0				0.00	
52	20X41A0458	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00			0			28	80.00	3
53	20X41A0459	5	100	3	3	60	2	3	60.00	0		0			0.00			0.00			0			28	80.00	3
54	20X41A0460	5	100	3	4	80	3		0.00		2	40	1		0.00			0.00		28	80	3			0.00	
55	20X41A0461	5	100	3	5	100	3		0.00			0		5	100.00	3		0.00			0				0.00	
56	20X41A0462	5	80	3	5	100	3		0.00			0.00		5	100.00	3		0.00			0			35	100.00	3
57	20X41A0463	5	100	3	5	100	3		0.00			0.00		5	100.00	3		0.00			0			31.5	90.00	3
58	20X41A0464	5	100	3	5	100	3		0.00		4	80.00	3		0.00			0.00			0			35	100.00	3
59	20X41A0465	5	100	3	5	100	3	5	100.00	3		0.00			0.00		28	80.00	3		0				0.00	
60	20X41A0466	5	100	3	5	100	3		0.00		5	100.00	3		0.00		35	100.00	3		0				0.00	
61	20X41A0467	5	100	3	5	100	3		0.00			0.00		4	80.00	3		0.00			0			31.5	90.00	3
62	20X41A0468	5	100	3	5	100	3		0.00			0.00		3	60.00	2		0.00		31.5	90	3			0.00	
63	20X41A0469	5	100	3	5	100	3		0.00		2	40.00	1		0.00			0.00		31.5	90	3			0.00	
64	20X41A0470	5	100	3	5	100	3		0.00		2	40.00	1		0.00			0.00			0			28	80.00	3
65	20X41A0471	5	100	3	5	100	3		0.00			0.00		4	80.00	3	31.5	90.00	3		0				0.00	
66	20X41A0472	5	100	3	5	100	3		0.00		4	80.00	3		0.00		35	100.00	3		0				0.00	
67	20X41A0473	5	100	3	5	100	3	4	80.00	3		0.00			0.00		31.5	90.00	3		0				0.00	
68	20X41A0474	4	80	3	3	60	2		0.00		4	80.00	3		0.00		28	80.00	3		0				0.00	
69	20X41A0475	4	80	3	5	100	3		0.00			0.00		4	80.00	3	31.5	90.00	3		0				0.00	
70	20X41A0476	5	100	3	5	100	3		0.00			0.00		4	80.00	3		0.00		28	80	3			0.00	
71	20X41A0477	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00		35	100	3			0.00	
72	20X41A0478	5	100	3	5	100	3	3	60.00	2		0.00			0.00			0.00			0			31.5	90.00	3
73	20X41A0479	4	80	3	5	100	3		0.00		5	100.00	3		0.00		28	80.00	3		0				0.00	
74	20X41A0480	5	100	3	5	100	3		0.00			0.00		4	80.00	3		0.00			0			35	100.00	3
75	20X41A0481	5	100	3	5	100	3		0.00			0		3	60.00	2		0.00		35	100	3			0.00	
76	20X41A0482	4	80	3	5	100	3		0.00		3	60.00	2		0.00			0.00			0			31.5	90.00	3
77	20X41A0483	2	40	1	4	80	3	3	60.00	2		0.00			0.00		24.5	70.00	3		0				0.00	
78	20X41A0484	4	80	3	4	80	3		0.00		5	100.00	3		0.00			0.00		28	80	3			0.00	
79	20X41A0485	5	100	3	5	100	3		0.00			0.00		4	80.00	3		0.00			0			35	100.00	3
80	20X41A0486	5	100	3	5	100	3		0.00		3	60.00	2		0.00		28	80.00	3		0				0.00	
81	20X41A0487	4	80	3	4	80	3	4	80.00	3		0.00			0.00			0.00			0			28	80.00	3
82	20X41A0488	5	100	3	5	100	3		0.00		3	60.00	2		0.00		28	80.00	3		0				0.00	
83	20X41A0489	5	100	3	5	100	3		0.00			0.00		3	60.00	2	35	100.00	3		0				0.00	
84	20X41A0490	4	80	3	5	100	3		0.00		3	60.00	2		0.00			0.00		28	80	3			0.00	
85	20X41A0491	4	80	3	2	40	1	4	80.00	3		0.00			0.00		24.5	70.00	3		0				0.00	
86	20X41A0492	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		31.5	90	3			0.00	
87	20X41A0493	5	100	3	5	100	3		0.00			0.00		5	100.00	3		0.00		35	100	3			0.00	

88	20X41A0495	5	100	3	5	100	3	0.00		0.00		5	100.00	3		0.00		35	100	3		0.00			
89	20X41A0496	5	100	3	5	100	3	0.00		5	100.00	3	0.00			0.00		31.5	90	3		0.00			
90	20X41A0497	5	100	3	5	100	3	0.00			0.00	4	80.00	3		0.00		31.5	90	3		0.00			
91	20X41A0498	3	60	2	4	80	3	0.00		5	100.00	3	0.00			0.00		28	80	3		0.00			
92	20X41A04A0	5	100	3	5	100	3	5	100.00	3			0.00			0.00			0		35	100.00	3		
93	20X41A04A1	5	100	3	5	100	3	0.00		3	60.00	2	0.00			0.00		35	100	3		0.00			
94	20X41A04A2	4	80	3	4	80	3	0.00			0.00	4	80.00	3	28	80.00	3		0			0.00			
95	20X41A04A3	5	100	3	5	100	3	0.00			0.00	5	100.00	3		0.00		31.5	90	3		0.00			
96	20X41A04A4	5	100	3	5	100	3	0.00		5	100.00	3	0.00			0.00		35	100	3		0.00			
97	20X41A04A5	5	100	3	5	100	3	0.00			0.00	5	100.00	3		0.00		35	100	3		0.00			
98	20X41A04A6	5	100	3	5	100	3	5	100.00	3			0.00			0.00			0		35	100.00	3		
99	20X41A04A7	5	100	3	5	100	3	0.00		5	100.00	3	0.00			0.00		35	100	3		0.00			
100	20X41A04A8	5	100	3	5	100	3	0.00			0.00	4	80.00	3		0.00		31.5	90	3		0.00			
101	20X41A04A9	4	80	3	5	100	3	0.00		4	80.00	3	0.00			0.00			0		31.5	90.00	3		
102	20X41A04B1	5	100	3	4	80	3	0.00			0.00	5	100.00	3		0.00			0		28	80.00	3		
103	20X41A04B2	5	100	3	5	100	3	0.00		5	100.00	3	0.00		35	100.00	3		0			0.00			
104	21X45A0401	5	100	3	5	100	3	4	80.00	3			0.00		35	100.00	3		0			0.00			
105	21X45A0402	4	80	3	4	80	3	0.00		3	60.00	2	0.00			0.00		31.5	90	3		0.00			
106	21X45A0403	5	100	3	5	100	3	0.00			0.00	4	80.00	3		0.00		35	100	3		0.00			
107	21X45A0404	5	100	3	4	80	3	0.00		3	60.00	2	0.00		31.5	90.00	3		0			0.00			
108	21X45A0405	5	100	3	4	80	3	4	80.00	3			0.00			0.00		31.5	90	3		0.00			
109	21X45A0406	5	100	3	4	80	3	0.00		3	60.00	2	0.00			0.00			0		28	80.00	3		
110	21X45A0407	4	80	3	5	100	3	0.00			0.00	4	80.00	3		0.00		35	100	3		0.00			
111	21X45A0408	3	60	2	3	60	2	0.00		5	100.00	3	0.00		28	80.00	3		0			0.00			
112	21X45A0409	4	80	3	4	80	3	0.00			0.00	0	0.00			0.00			0		24.5	70.00	3		
113	21X45A0410	5	100	3	5	100	3	5	100.00	3			0.00		35	100.00	3		0			0.00			
114	21X45A0411	4	80	3	4	80	3	0.00		4	80.00	3	0.00			0.00			0		31.5	90.00	3		
115	21X45A0412	5	100	3	5	100	3	0.00			0.00	3	60.00	2		0.00		31.5	90	3		0.00			
116	21X45A0413	5	100	3	5	100	3	0.00		3	60.00	2	0.00		31.5	90.00	3		0			0.00			
117	21X45A0414	5	100	3	5	100	3	5	100.00	3			0.00			0.00		35	100	3		0.00			
118	21X45A0415	5	100	3	5	100	3	0.00		4	80.00	3	0.00			0.00			0		31.5	90.00	3		
119	21X45A0416	3	60	2	5	100	3	0.00			0.00	4	80.00	3	31.5	90.00	3		0			0.00			
120	21X45A0417	5	100	3	5	100	3	0.00		4	80.00	3	0.00			0.00			0		35	100.00	3		
121	21X45A0418	5	100	3	5	100	3	0.00			0.00		0.00			0.00		35	100			0.00			
122	21X45A0419	2	40	1	4	80	3	5	100.00				0.00		31.5	90.00			0			0.00			
123	21X45A0420	5	100	3	5	100	3	0.00		4	80.00		0.00			0.00		35	100			0.00			
124	21X45A0421	5	100	3	5	100	3	0.00			0.00	4	80.00			0.00			0		35	100.00			
125	21X45A0422	5	100	3	5	100	3	0.00			0.00	4	80.00		35	100.00			0			0.00			
126	21X45A0423	4	80	3	5	100	3	4	80.00				0.00			0.00		35	100			0.00			
127	21X45A0424	3	60	2	4	80	3	0.00			2	40.00				0.00			0		28	80.00			
AVERAGE		4.7	93	2.9	4.5	89.9	2.9	3.4	15.1	2.2	3.4	29.1	2.3	3.8	26.1	2.4	31.2	29.4	3	32	33.9	3	30.6	25.7	3
CO		CO1-CO3			CO1-CO3			CO1			CO2			CO3			CO1			CO2			CO3		
CO WISE PERCENTAGE		2.9			2.9			2.2			2.3			2.4			3			3			3		


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKPADU, VIJAYAWADA-521 108.

CO ATTAINMENT	DAYWISE PERFORMANCE		INTERNAL EXAM	INTERNAL MARKS LEVEL	EXTERNAL MARKS LEVEL	DIRECT ATTAINMENT	INDIRECT ATTAINMENT %	INDIRECT ATTAINMENT	FINAL ATTAINMENT LEVELS	EXPECTED LEVEL of ATTAINMENT %	ATTAINMENT %
CO1	2.9	2.9	2.9	2.20	3	2.76	98.58	2.96	2.8	70.00	93.33
CO2	2.9	2.9	2.9	2.30	3	2.79	96.54	2.9	2.81	70.00	93.67
CO3	2.9	2.9	2.9	2.4	3	2.82	97.64	2.93	2.84	70.00	94.67

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for DC LAB

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	ATTAINMENT LEVEL
CO1	2	2				2		2	2			2	2			2.21
CO2	2		2	2	2			2	2			2	2			2.23
CO3	2		2	2	2			2			2	2	2			2.26

PO Attainments


PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
13.4	4.42	8.98	8.98	8.98	4.42		13.4	8.88		4.52	13.4	13.4		
2.23	2.21	2.25	2.25	2.25	2.21		2.23	2.22		2.26	2.23	2.23		

CO-PO Matrix for all Subjects III-I

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
AICA	1.95	1.95	1.92	1.97									1.95		1.92
EMTL	1.69	1.69	1.69										1.69	1.69	
DC	2.11	2.11	2.15	2.1			2.17			2.17			2.11	2.12	
COA	1.65	1.64											1.64	1.66	
EMI	1.97	1.97	1.97	2.02										1.98	
AICA LAB	2.84	2.84	2.84										2.84	2.84	
DC LAB	2.23	2.21	2.25		2.25								2.23		
DS using Java Lab	2.74	2.74	2.74	2.74	2.74				2.74					2.74	
AVERAGE	2.15	2.14	2.22	2.21	2.5					2.17			2.08	2.17	1.92

2020-24 Admitted Batch Semester Wise Average Attainments

Semester	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
I-I	2.18	2.3	2.2	2.23	2.34	2.39	2.39	2.89	2.89	2.82		2.14	2.01	2.06	2.01
I-II	2.02	2.02	1.92	2.03	2.15	2.53	2.53	2.94	2.94		2.94	1.34	2.17	1.79	
II-I	2.15	2.12	2.41	1.7	1.72	1.72		2.82		1.55		2.2	1.95	1.93	2.74
II-II	1.88	1.88	1.91	1.86	2.46	2.69	1.68	2.89	2.83	2.09	1.94	1.69	1.9	1.61	2.3
III-I	2.15	2.14	2.22	2.21	2.5					2.17			2.08	2.17	1.92
AVERAGE	2.08	2.09	2.13	2.01	2.23	2.33	2.2	2.89	2.89	2.16	2.44	1.84	2.02	2.02	2.01



 PRINCIPAL
 SRK INSTITUTE OF TECHNOLOGY
 Dr. S. S. N. K. PADU
 Professor & Head of E.C.E. Dept.
 S.R.K. Institute of Technology



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108
 Approved by AICTE, Affiliated to JNTUK, Kakinada
ISO 9001:2015 Certified Institution
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs, POs and PSOs

BRANCH: ECE	YEAR-SEM:II-I	NAME OF LAB: DS through JAVA				FACULTY NAME: S.L.V.S.JYOTHI			
		NAME OF THE STUDENT				EXTERNAL			
		MARKS	%	LEVEL	MARKS	%	LEVEL	MARKS	%
1	20X41A0401	46	92.00	3		0.00		0.00	0.00
2	20X41A0402	40	80.00	3		0.00		0.00	0.00
3	20X41A0403	42	84.00	3		0.00		0.00	0.00
4	20X41A0404	49	98.00	3		0.00		0.00	0.00
5	20X41A0405	49	98.00	3		0.00		0.00	0.00
6	20X41A0406	49	98.00	3		0.00		0.00	0.00
7	20X41A0407	49	98.00	3		0.00		0.00	0.00
8	20X41A0408	49	98.00	3		0.00		0.00	0.00
9	20X41A0409		0.00		49	98.00	3	0.00	0.00
10	20X41A0410	44	88.00	3		0.00		0.00	0.00
11	20X41A0412	48	96.00	3		0.00		0.00	0.00
12	20X41A0413	43	86.00	3		0.00		0.00	0.00
13	20X41A0414	0	0.00			0.00		0.00	0.00
14	20X41A0415	46	92.00	3		0.00		0.00	0.00
15	20X41A0416	49	98.00	3		0.00		0.00	0.00
16	20X41A0417	49	98.00	3		0.00		0.00	0.00
17	20X41A0418		0.00		49	98.00	3	0.00	0.00
18	20X41A0419	49	98.00	3		0.00		0.00	0.00
19	20X41A0420	47	94.00	3		0.00		0.00	0.00
20	20X41A0421	49	98.00	3		0.00		0.00	0.00
21	20X41A0422	48	96.00	3		0.00		0.00	0.00
22	20X41A0423	49	98.00	3		0.00		0.00	0.00
23	20X41A0424	41	82.00	3		0.00		0.00	0.00
24	20X41A0425	48	96.00	3	40	80.00	3	0.00	0.00
25	20X41A0427	45	90.00	3		0.00		0.00	0.00
26	20X41A0428	46	92.00	3		0.00		0.00	0.00
27	20X41A0429		0.00		49	98.00	3	0.00	0.00
28	20X41A0431		0.00			0.00		40	80.00
29	20X41A0432	40	80.00	3		0.00		0.00	0.00
30	20X41A0433	40	80.00	3		0.00		0.00	0.00
31	20X41A0434	48	96.00	3		0.00		0.00	0.00
32	20X41A0435	46	92.00	3		0.00		0.00	0.00
33	20X41A0437		0.00			0.00		38	76.00
34	20X41A0438	40	80.00	3		0.00		0.00	0.00
35	20X41A0439	43	86.00	3		0.00		0.00	0.00
36	20X41A0440	49	98.00	3		0.00		0.00	0.00
37	20X41A0442	49	98.00	3		0.00		0.00	0.00
38	20X41A0443		0.00		49	98.00	3	0.00	0.00
39	20X41A0444	46	92.00	3		0.00		0.00	0.00
40	20X41A0446	48	96.00	3		0.00		0.00	0.00
41	20X41A0447	48	96.00	3		0.00		0.00	0.00
42	20X41A0449		0.00			0.00		48	96.00
43	20X41A0450	44	88.00	3		0.00		0.00	0.00
44	20X41A0451	42	84.00	3		0.00		0.00	0.00
45	20X41A0452	42	84.00	3		0.00		0.00	0.00
46	20X41A0453		0.00		47	94.00	3	0.00	0.00
47	20X41A0454	48	96.00	3		0.00		0.00	0.00
48	20X41A0455	45	90.00	3		0.00		0.00	0.00
49	20X41A0456	40	80.00	3		0.00		0.00	0.00
50	20X41A0457		0.00			0.00		44	88.00
51	20X41A0458	47	94.00	3		0.00		0.00	0.00
52	20X41A0459		0.00		46	92.00	3	0.00	0.00
53	20X41A0460		0.00		45	90.00	3	0.00	0.00
54	20X41A0462	45	90.00	3		0.00		0.00	0.00


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 1

55	20X41A0463	VENKALAH CHOWDARY BIKKI	46	92.00	3		0.00			0.00
56	20X41A0464	YADDANAPUDI VENKATESH	47	94.00	3		0.00			0.00
57	20X41A0465	B.J.B.N.V.S.SANDEEP	46	92.00	3		0.00			0.00
58	20X41A0466	BATTULA PRAVEEN		0.00			0.00	47		94.00
59	20X41A0467	BHOGADULA UWALLA NAGA PRAVALLIKA		0.00			0.00	47		94.00
60	20X41A0468	BITRA ROOPA SRI	48	96.00	3		0.00			0.00
61	20X41A0469	CHAVALITANUJ	45	90.00	3		0.00			0.00
62	20X41A0470	DAGGULA VENKATA REDDY		0.00		46	92.00	3		0.00
63	20X41A0471	DONTHALA PAVANI DURGA	47	94.00	3		0.00			0.00
64	20X41A0472	DEVARAKONDA RAMESH	49	98.00	3		0.00			0.00
65	20X41A0473	EDA PRAVALLIKA	46	92.00	3		0.00			0.00
66	20X41A0474	GUDIVAKA NAGA PRAVEEN		0.00		45	90.00	3		90.00
67	20X41A0475	GADI VAMSI	45	90.00	3		0.00			0.00
68	20X41A0476	GAJALAKONDA RAMYA	49	98.00	3		0.00			0.00
69	20X41A0477	GORANTLA JAHNAVI	47	94.00	3		0.00			0.00
70	20X41A0478	GUNTAMUKKALA MARY DEEKSHITHA		0.00		46	92.00	3		0.00
71	20X41A0479	JAMI ARAVIND KUMAR	46	92.00	3		0.00			0.00
72	20X41A0480	KAMATHAM MEBENAKSHI	49	98.00	3		0.00			0.00
73	20X41A0481	KANURI LAKSHMI CHANDRIKA	49	98.00	3		0.00			0.00
74	20X41A0482	KESANI SAI		0.00			0.00	42		84.00
75	20X41A0483	KODALI VENKATESH		0.00			0.00	46		92.00
76	20X41A0484	KOTTAPALLI VENKATESH	46	92.00	3		0.00			0.00
77	20X41A0485	KURRA THANURYA	47	94.00	3		0.00			0.00
78	20X41A0486	KURUYA SRAVANI		0.00		45	90.00	3		0.00
79	20X41A0487	MANTADA MEGHANA	46	92.00	3		0.00			0.00
80	20X41A0488	MOHAMMAD MINHAI BAIG	45	90.00	3		0.00			0.00
81	20X41A0489	MUVVA SRI SWATHI		0.00		49	98.00	3		0.00
82	20X41A0490	ORSU HEMANTH KUMAR	45	90.00	3		0.00			0.00
83	20X41A0491	PARASU PRAVEEN GANDHI		0.00		48	96.00	3		0.00
84	20X41A0492	PIRATI BUSHI NAIDU	49	98.00	3		0.00			0.00
85	20X41A0493	PULI SRI HARI	48	96.00	3		0.00			0.00
86	20X41A0495	RAAVI AKHIL		0.00			0.00	48		96.00
87	20X41A0496	REDROTHU SRAVYA	45	90.00	3		0.00			0.00
88	20X41A0497	RUSHIKA PHANI PENNERU		0.00			0.00	47		94.00
89	20X41A0498	SIMEADRI SAI KAMAL	46	92.00	3		0.00			0.00
90	20X41A04A0	SANDU PRATHYUSHA	45	90.00	3		0.00			0.00
91	20X41A04A1	SHAIK BASHEER	48	96.00	3		0.00			0.00
92	20X41A04A2	SHAIK SUHAB AHMED	46	92.00	3		0.00			0.00
93	20X41A04A3	SISTLA GANESH AKHILA	49	98.00	3		0.00			0.00
94	20X41A04A4	TADUTURU UMA KEBRITHANA		0.00		45	90.00	3		0.00
95	20X41A04A5	TUMMALA SANGAMESWARA RAO	48	96.00	3		0.00			0.00
96	20X41A04A6	VANAPAMULA VENKATA SIVA DURGA LAVANYA		0.00			0.00	48		96.00
97	20X41A04A7	VARRE TANUJA	49	98.00	3		0.00			0.00
98	20X41A04A8	VUSKADAPU NAGA SAI	44	88.00	3		0.00			0.00
99	20X41A04A9	YADLA SUNAGA SRI	46	92.00	3		0.00			0.00
100	20X41A04B1	TADISETTY KARTHIK SHANKAR	42	84.00	3		0.00			0.00
101	20X41A04B2	UPPE LAKSHMI DURGA		0.00		49	98.00	3		0.00
102	21X45A0401	KANCHARLA GEETHANJALI SHREEYA	46	92.00	3		0.00			0.00
103	21X45A0402	JUJAVARAPU SAI PADMA		0.00			0.00	42		84.00
104	21X45A0403	PENUGURTHI VINAY KUMAR	46	92.00	3		0.00			0.00
105	21X45A0404	KOTAPALLI VELANGINI	44	88.00	3		0.00			0.00
106	21X45A0405	MOHAMMAD SALEEM BEG	47	94.00	3		0.00			0.00
107	21X45A0406	PAMULA DEENA		0.00		48	96.00	3		0.00
108	21X45A0407	TEKI BHAGYESH	45	90.00	3		0.00			0.00
109	21X45A0408	PINNANENI VENKAT RATNAM	45	90.00	3		0.00			0.00
110	21X45A0409	K HARSHA NITHIN		0.00			0.00	45		90.00
111	21X45A0410	PABULU NAGA VENKATA SATYA LAKSEMI CHANDINI	43	86.00	3		0.00			0.00
112	21X45A0411	BHOGIREDDY MEGHANADHI	45	90.00	3		0.00			0.00
113	21X45A0412	EPURI ROHITH		0.00		44	88.00	3		0.00

114	21X45A0413	JUJAVARAPU GOPI CHANDU	46	92.00	3				0.00			0.00
115	21X45A0414	SARVISETTY NAGA DURGA BABU,	46	92.00	3				0.00			0.00
116	21X45A0415	BANKA UMA MAHESWARA RAO		0.00				46	92.00			0.00
117	21X45A0416	BANALA SAJNEERAJ	46	92.00	3				0.00			0.00
118	21X45A0417	JAYVADI OM SREE VAGDEVI	45	90.00	3				0.00			0.00
119	21X45A0418	TIRIVEDHILAKHA SREE	46	92.00	3				0.00			0.00
120	21X45A0419	THUPAKULA DURGA PRASADA RAO		0.00		45			90.00			0.00
121	21X45A0420	GUDIPUDI RESHMA	47	94.00	3				0.00			0.00
122	21X45A0421	KURRA SUMASRI	45	90.00	3				0.00			0.00
123	21X45A0422	TIPPIREDDY VENKATA KRISHNA REDDY		0.00				46	92.00			0.00
124	21X45A0423	KOLLATHUVALAPIL SAI KRISHNA	46	92.00	3				0.00			0.00
125	21X45A0424	SHAIK JOEL SHONE		0.00		46			92.00			0.00
		AVERAGE	45.5	66.30	3	46.4			92.80		44.9	89.80
		CO		CO1					CO2			CO3
		CO WISE PERCENTAGE		3					3			3

S. Sri Gowri

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

[Handwritten Signature]

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

CO-PO Matrix for all Subjects III-II

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
MPMC	1.96	1.96	1.94	1.93	1.87					1.93			2.01	1.94	1.95
VLSID	2.15	2.15	2.13										2.15	2.13	
DSP	1.74	1.73	1.65							1.7		1.74	1.73	1.71	
MCC	1.90	1.91	1.94	1.86									1.91		
ES	2.50	2.52	2.45		2.51								2.53	2.49	2.5
PP	2.13	2.12	2.12	2.12	2.12							2.13		2.4	
MPMC LAB	2.94	2.94	2.94	2.94	2.94			2.94		2.94	2.94	2.95		2.94	2.94
VLSI Lab	2.92	2.93	2.93	2.93	2.92			2.92		2.93	2.92	2.92		2.92	2.92
DSP LAB		2.9		2.9	2.9	2.9			2.9	2.9	2.9	2.9			
ARM LAB	2.99	2.99	2.99		2.99	2.99						2.99		2.99	2.99
AVERAGE	2.36	2.42	2.34	2.45	2.61	2.95		2.93	2.9	2.48	2.92	2.61	2.07	2.44	2.66

2020-24 Admitted Batch Semester Wise Average Attainments

Semester	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
I-I	2.18	2.3	2.2	2.23	2.34	2.39	2.39	2.89	2.89	2.82		2.14	2.01	2.06	2.01
I-II	2.02	2.02	1.92	2.03	2.15	2.53	2.53	2.94	2.94		2.94	1.34	2.17	1.79	
II-I	2.15	2.12	2.41	1.7	1.72	1.72		2.82		1.55		2.2	1.95	1.93	2.74
II-II	1.88	1.88	1.91	1.86	2.46	2.69	1.68	2.89	2.83	2.09	1.94	1.69	1.9	1.61	2.3
III-I	2.15	2.14	2.22	2.21	2.5					2.17			2.08	2.17	1.92
III-II	2.36	2.42	2.34	2.45	2.61	2.95		2.93	2.9	2.48	2.92	2.61	2.07	2.44	2.66
AVERAGE	2.08	2.09	2.13	2.01	2.23	2.33	2.2	2.89	2.89	2.16	2.44	1.84	2.02	1.91	2.44

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
 ENIKEPADU, VIJAYAWADA-521 106
 Dr. S. SRI GOWRI, M.Tech., Ph.D.,
 Professor & Head of E.C.E. Dept.
 S.R.K. Institute of Technology



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' Grade

DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

YEAR-SEM: III-II		A.Y:2022-23						SUBJECT: MPMC									FACULTY NAME: Dr. D. Sree Phani Kishore												EXTERNAL MARKS					
S.NO.	ROLL NO.	Q1			Q2			MID-I Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE						ASSIGNMENT		
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L				Marks	%	L
1	20X41A0401	4	40	1	3	30	0		0	0	6	60	2	5	100	3		0	0	0	0	0	3	30	0	4	40	1	5	100	3	35	50.00	1
2	20X41A0402	5	50	1	6	60	2	7	70	3	4	40	1	5	100	3	8	80	3		0	0	8	80	3	9	90	3	5	100	3	42	60.00	2
3	20X41A0403	4	40	1	9	90	3		0	0	2	20	0	5	100	3	5	50	1		0	0		0	0	9	90	3	5	100	3	21	30.00	0
4	20X41A0404	7	70	3	6	60	2	7	70	3	6	60	2	5	100	3	6	60	2		0	0		0	0	10	100	3	5	100	3	21	30.00	0
5	20X41A0405	10	100	3	9	90	3	10	100	3	6	60	2	5	100	3	10	100	3	10	100	3	10	100	3	5	50	1	5	100	3	42	60.00	2
6	20X41A0406	10	100	3	8	80	3	10	100	3	8	80	3	5	100	3	10	100	3	8	80	3	3	30	0	8	80	3	5	100	3	49	70.00	3
7	20X41A0407	10	100	3	5	50	1	10	100	3	6	60	2	5	100	3	10	100	3	10	100	3		0	0	10	100	3	5	100	3	42	60.00	2
8	20X41A0408	8	80	3	9	90	3	8	80	3	4	40	1	5	100	3	6	60	2	2	20	0	8	80	3	8	80	3	5	100	3	49	70.00	3
9	20X41A0409	10	100	3	9	90	3	8	80	3	5	50	1	5	100	3	10	100	3	3	30	0	10	100	3	8	80	3	5	100	3	49	70.00	3
10	20X41A0410	10	100	3	8	80	3	2	20	0	7	70	3	5	100	3		0	0		0	0	6	60	2	10	100	3	5	100	3	42	60.00	2
11	20X41A0412	7	70	3	7	70	3	7	70	3	6	60	2	5	100	3	10	100	3	4	40	1		0	0	10	100	3	5	100	3	49	70.00	3
12	20X41A0413	7	70	3	8	80	3		0	0	10	100	3	5	100	3	7	70	3	10	100	3	2	20	0	10	100	3	5	100	3	42	60.00	2
13	20X41A0415	7	70	3	3	30	0	7	70	3	9	90	3	5	100	3		0	0		0	0		0	0	0	0	0	5	100	3	35	50.00	1
14	20X41A0416	10	100	3	9	90	3	10	100	3	5	50	1	5	100	3	10	100	3	6	60	2	10	100	3	3	30	0	5	100	3	42	60.00	2
15	20X41A0417	10	100	3	9	90	3	10	100	3	8	80	3	5	100	3	10	100	3	7	70	3		0	0	8	80	3	5	100	3	56	80.00	3
16	20X41A0418	9	90	3	7	70	3	8	80	3	9	90	3	5	100	3	8	80	3	8	80	3	6	60	2	6	60	2	5	100	3	49	70.00	3
17	20X41A0419	10	100	3	9	90	3	10	100	3	5	50	1	5	100	3	9	90	3	2	20	0	1	10	0	4	40	1	5	100	3	42	60.00	2
18	20X41A0420	8	80	3	8	80	3	8	80	3	4	40	1	5	100	3	9	90	3	6	60	2	9	90	3	5	50	1	5	100	3	35	50.00	1
19	20X41A0421	10	100	3	9	90	3	10	100	3	6	60	2	5	100	3	10	100	3	10	100	3	10	100	3	7	70	3	5	100	3	49	70.00	3
20	20X41A0422	8	80	3	8	80	3	10	100	3	8	80	3	5	100	3	6	60	2		0	0	8	80	3	10	100	3	5	100	3	42	60.00	2
21	20X41A0423	6	60	2	8	80	3	8	80	3	6	60	2	5	100	3	8	80	3		0	0	6	60	2	7	70	3	5	100	3	35	50.00	1
22	20X41A0424	8	80	3	6	60	2	6	60	2	7	70	3	5	100	3	10	100	3		0	0		0	0	10	100	3	5	100	3	21	30.00	0
23	20X41A0425	10	100	3	6	60	2	8	80	3	6	60	2	5	100	3	7	70	3		0	0		0	0	7	70	3	5	100	3	42	60.00	2
24	20X41A0427	5	50	1	6	60	2	6	60	2	2	20	0	5	100	3	2	20	0	7	70	3	1	10	0	9	90	3	5	100	3	21	30.00	0
25	20X41A0428	7	70	3	7	70	3	5	50	1	6	60	2	5	100	3		0	0		0	0		0	0	10	100	3	5	100	3	21	30.00	0
26	20X41A0429	10	100	3	9	90	3	10	100	3	7	70	3	5	100	3	10	100	3	10	100	3	9	90	3	7	70	3	5	100	3	63	90.00	3
27	20X41A0431	3	30	0	9	90	3	10	100	3	5	50	1	5	100	3	2	20	0		0	0		0	0	4	40	1	5	100	3	35	50.00	1
28	20X41A0432	7	70	3	9	90	3	9	90	3	4	40	1	5	100	3	8	80	3	1	10	0	8	80	3	10	100	3	5	100	3	35	50.00	1
29	20X41A0433	8	80	3	8	80	3	10	100	3	5	50	1	5	100	3	9	90	3	4	40	1	9	90	3	5	50	1	5	100	3	42	60.00	2
30	20X41A0434	8	80	3	5	50	1		0	0	4	40	1	5	100	3	7	70	3		0	0	8	80	3	10	100	3	5	100	3	21	30.00	0
31	20X41A0435	8	80	3	8	80	3	10	100	3	5	50	1	5	100	3	10	100	3	4	40	1	8	80	3	9	90	3	5	100	3	42	60.00	2
32	20X41A0437	7	70	3	8	80	3	7	70	3	4	40	1	5	100	3	1	10	0	0	0	0		0	0	10	100	3	5	100	3	35	50.00	1
33	20X41A0438	5	50	1	1	10	0	1	10	0	6	60	2	5	100	3	7	70	3	0	0	0	3	30	0	9	90	3	5	100	3	35	50.00	1

34	20X41A0439	4	40	1	0	0	0	0	0	0	30	0	5	100	3	0	0	0	0	0	8	80	3	7	70	3	5	100	3	21	30.00	0		
35	20X41A0440	10	100	3	9	90	3	10	100	3	60	2	5	100	3	10	100	3	10	100	3	8	80	3	9	90	3	5	100	3	42	60.00	2	
36	20X41A0442	10	100	3	9	90	3	10	100	3	9	90	3	5	100	3	10	100	3	8	80	3	8	80	3	9	90	3	5	100	3	49	70.00	3
37	20X41A0443	10	100	3	9	90	3	10	100	3	8	80	3	5	100	3	9	90	3	4	40	1	10	100	3	8	80	3	5	100	3	49	70.00	3
38	20X41A0444	6	60	2	5	50	1	10	100	3	10	100	3	5	100	3	0	0	4	40	1	8	80	3	10	100	3	5	100	3	21	30.00	0	
39	20X41A0446	10	100	3	9	90	3	10	100	3	7	70	3	5	100	3	8	80	3	10	100	3	8	80	3	9	90	3	5	100	3	42	60.00	2
40	20X41A0447	8	80	3	8	80	3	0	0	8	80	3	5	100	3	0	0	0	0	0	1	10	0	0	0	0	5	100	3	35	50.00	1		
41	20X41A0449	10	100	3	9	90	3	10	100	3	5	50	1	5	100	3	8	80	3	10	100	3	8	80	3	6	60	2	5	100	3	42	60.00	2
42	20X41A0450	9	90	3	8	80	3	9	90	3	3	30	0	5	100	3	7	70	3	10	100	3	10	100	3	3	30	0	5	100	3	49	70.00	3
43	20X41A0451	7	70	3	2	20	0	4	40	1	8	80	3	5	100	3	0	0	0	0	0	0	0	0	9	90	3	5	100	3	21	30.00	0	
44	20X41A0452	5	50	1	7	70	3	7	70	3	7	70	3	5	100	3	9	90	3	2	20	0	8	80	3	10	100	3	5	100	3	35	50.00	1
45	20X41A0453	1	10	0	4	40	1	5	50	1	10	100	3	5	100	3	2	20	0	3	30	0	0	0	10	100	3	5	100	3	21	30.00	0	
46	20X41A0454	10	100	3	10	100	3	10	100	3	9	90	3	5	100	3	10	100	3	10	100	3	10	100	3	6	60	2	5	100	3	63	90.00	3
47	20X41A0455	5	50	1	8	80	3	4	40	1	5	50	1	5	100	3	0	0	4	40	1	0	0	9	90	3	5	100	3	21	30.00	0		
48	20X41A0456	9	90	3	4	40	1	9	90	3	3	30	0	5	100	3	4	40	1	10	100	3	4	40	1	3	30	0	5	100	3	42	60.00	2
49	20X41A0457	7	70	3	7	70	3	9	90	3	4	40	1	5	100	3	7	70	3	0	0	8	80	3	8	80	3	5	100	3	42	60.00	2	
50	20X41A0458	9	90	3	9	90	3	7	70	3	8	80	3	5	100	3	5	50	1	0	0	8	80	3	10	100	3	5	100	3	49	70.00	3	
51	20X41A0459	4	40	1	4	40	1	0	0	8	80	3	5	100	3	7	70	3	1	10	0	2	20	0	10	100	3	5	100	3	35	50.00	1	
52	20X41A0460	5	50	1	4	40	1	4	40	1	7	70	3	5	100	3	5	50	1	0	0	0	0	10	100	3	5	100	3	42	60.00	2		
53	20X41A0462	5	50	1	6	60	2	6	60	2	10	50	1	5	100	3	4	40	1	1	10	0	1	10	0	10	50	1	5	100	3	35	50.00	1
54	20X41A0463	8	80	3	9	90	3	8	80	3	10	50	1	5	100	3	9	90	3	0	0	1	10	0	10	50	1	5	100	3	49	70.00	3	
55	20X41A0464	8	80	3	9	90	3	8	80	3	10	50	1	5	100	3	9	90	3	0	0	4	40	1	10	50	1	5	100	3	49	70.00	3	
56	20X41A0465	6.5	65	2	5.5	55	2	7	70	3	10	50	1	5	100	3	8	80	3	0	0	7	70	3	10	50	1	5	100	3	42	60.00	2	
57	20X41A0466	9	90	3	8	80	3	8	80	3	10	50	1	5	100	3	0	0	0	0	6	60	2	10	50	1	5	100	3	42	60.00	2		
58	20X41A0467	9.5	95	3	7	70	3	8.5	85	3	9	45	1	5	100	3	0	0	0	0	1	10	0	9.5	47.5	1	5	100	3	49	70.00	3		
59	20X41A0468	8.5	85	3	8.5	85	3	9	90	3	9	45	1	5	100	3	2	20	0	0	0	8	80	3	10	50	1	5	100	3	49	70.00	3	
60	20X41A0469	1	10	0	5	50	1	1	10	0	5	25	0	5	100	3	0	0	2	20	0	3	30	0	9	45	1	5	100	3	21	30.00	0	
61	20X41A0470	7	70	3	9	90	3	6	60	2	9	45	1	5	100	3	1	10	0	5	50	1	0	0	10	50	1	5	100	3	42	60.00	2	
62	20X41A0471	6	60	2	5	50	1	7	70	3	7	35	0	5	100	3	6	60	2	4	40	1	0	0	9.5	47.5	1	5	100	3	35	50.00	1	
63	20X41A0472	9	90	3	9	90	3	7	70	3	10	50	1	5	100	3	9	90	3	1	10	0	8	80	3	10	50	1	5	100	3	42	60.00	2
64	20X41A0473	8	80	3	8	80	3	7	70	3	8	40	1	5	100	3	2	20	0	0	0	1	10	0	8.5	42.5	1	5	100	3	42	60.00	2	
65	20X41A0474	4	40	1	4	40	1	5	50	1	9	45	1	5	100	3	0	0	0	0	0	0	0	10	50	1	5	100	3	42	60.00	2		
66	20X41A0475	9	90	3	7	70	3	7	70	3	10	50	1	5	100	3	4	40	1	0	0	3	30	0	9.5	47.5	1	5	100	3	49	70.00	3	
67	20X41A0476	9	90	3	4	40	1	0	0	0	8	40	1	5	100	3	2	20	0	2	20	0	0	0	10	50	1	5	100	3	35	50.00	1	
68	20X41A0477	10	100	3	9	90	3	9	90	3	5	25	0	5	100	3	4	40	1	7	70	3	9	90	3	9	45	1	5	100	3	42	60.00	2
69	20X41A0478	5	50	1	6	60	2	5	50	1	5	25	0	5	100	3	2	20	0	0	0	0	0	8.5	42.5	1	5	100	3	35	50.00	1		
70	20X41A0479	7	70	3	0	0	0	4	40	1	10	50	1	5	100	3	0	0	0	0	3	30	0	9.5	47.5	1	5	100	3	21	30.00	0		
71	20X41A0480	10	100	3	9	90	3	9	90	3	9	45	1	5	100	3	9	90	3	3	30	0	9	90	3	10	50	1	5	100	3	49	70.00	3
72	20X41A0481	8	80	3	7	70	3	8	80	3	10	50	1	5	100	3	4	40	1	3	30	0	8	80	3	10	50	1	5	100	3	42	60.00	2
73	20X41A0482	3	30	0	6	60	2	4	40	1	8	40	1	5	100	3	3	30	0	2	20	0	3	30	0	10	50	1	5	100	3	42	60.00	2
74	20X41A0483	8	80	3	6	60	2	5	50	1	10	50	1	5	100	3	3	30	0	3	30	0	3	30	0	10	50	1	5	100	3	49	70.00	3
75	20X41A0484	6	60	2	8	80	3	5	50	1	9	45	1	5	100	3	3	30	0	0	0	0	0	0	9.5	47.5	1	5	100	3	42	60.00	2	

PRINCIPAL
S.R.K. INSTITUTE OF TECHNOLOGY
VIJAYAWADA

76	20X41A0485	8	80	3	6.5	65	2	6.5	65	2	25	0	5	100	3	0	0	2	20	0	3	30	0	10	50	1	5	100	3	42	60.00	2		
77	20X41A0486	5	50	1	7	70	3	5	50	1	40	1	5	100	3	0	0	0	0	0	0	0	0	0	0	0	5	100	3	35	50.00	1		
78	20X41A0487	5	50	1	6	60	2	5	50	1	8	40	1	5	100	3	0	0	0	0	0	0	0	0	10	50	1	5	100	3	35	50.00	1	
79	20X41A0488	8	80	3	6	60	2	4	40	1	10	50	1	5	100	3	2	20	0	0	0	0	0	9.5	47.5	1	5	100	3	35	50.00	1		
80	20X41A0489	9	90	3	5	50	1	5	50	1	8	40	1	5	100	3	2	20	0	0	0	2	20	0	10	50	1	5	100	3	35	50.00	1	
81	20X41A0490	0	0	0	4	40	1	0	0	0	10	50	1	5	100	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60.00	2		
82	20X41A0491	7	70	3	5	50	1	7	70	3	10	50	1	5	100	3	1	10	0	0	0	4	40	1	9	45	1	5	100	3	42	60.00	2	
83	20X41A0492	9	90	3	7	70	3	9	90	3	9	45	1	5	100	3	1	10	0	1	10	0	0	0	10	50	1	5	100	3	42	60.00	2	
84	20X41A0493	9	90	3	5	50	1	6	60	2	9	45	1	5	100	3	2	20	0	3	30	0	6	60	2	10	50	1	5	100	3	42	60.00	2
85	20X41A0495	10	100	3	7	70	3	9	90	3	10	50	1	5	100	3	8	80	3	1	10	0	6	60	2	9	45	1	5	100	3	42	60.00	2
86	20X41A0496	8	80	3	7	70	3	7	70	3	9	45	1	5	100	3	0	0	1	10	0	2	20	0	8.5	42.5	1	5	100	3	42	70.00	3	
87	20X41A0497	9	90	3	7	70	3	7	70	3	10	50	1	5	100	3	0	0	0	0	0	1	10	0	9.5	47.5	1	5	100	3	49	60.00	2	
88	20X41A0498	9	90	3	8	80	3	6	60	2	10	50	1	5	100	3	1	10	0	0	0	2	20	0	10	50	1	5	100	3	42	70.00	3	
89	20X41A04A0	9	90	3	9	90	3	9	90	3	3	15	0	5	100	3	5	50	1	8	80	3	9	90	3	10	50	1	5	100	3	49	60.00	2
90	20X41A04A1	8.5	85	3	8.5	85	3	8	80	3	10	50	1	5	100	3	0	0	0	0	0	0	0	0	10	50	1	5	100	3	42	30.00	0	
91	20X41A04A2	0	0	0	4	40	1	4	40	1	7	35	0	5	100	3	1	10	0	0	0	0	0	0	10	50	1	5	100	3	21	70.00	3	
92	20X41A04A3	5	50	1	9	90	3	7	70	3	8	40	1	5	100	3	2	20	0	0	0	1	10	0	10	50	1	5	100	3	49	70.00	3	
93	20X41A04A4	10	100	3	9	90	3	9	90	3	9	45	1	5	100	3	3	30	0	0	0	2	20	0	10	50	1	5	100	3	49	70.00	3	
94	20X41A04A5	10	100	3	10	100	3	9.5	95	3	10	50	1	5	100	3	8	80	3	10	100	3	9	90	3	10	50	1	5	100	3	49	70.00	3
95	20X41A04A6	8	80	3	9	90	3	8	80	3	9	45	1	5	100	3	2	20	0	0	0	1	10	0	9.5	47.5	1	5	100	3	49	70.00	3	
96	20X41A04A7	8	80	3	5	50	1	9	90	3	9	45	1	5	100	3	8	80	3	3	30	0	9	90	3	10	50	1	5	100	3	49	60.00	2
97	20X41A04A8	0.5	5	0	5.5	55	2	4	40	1	10	50	1	5	100	3	0	0	0	0	0	0	0	0	9.5	47.5	1	5	100	3	42	50.00	1	
98	20X41A04A9	8	80	3	8	80	3	6	60	2	7	35	0	5	100	3	1	10	0	5	50	1	4	40	1	10	50	1	5	100	3	35	30.00	0
99	20X41A04B1	0	0	0	0	0	0	0	0	0	10	50	1	5	100	3	1	10	0	0	0	0	0	0	10	50	1	5	100	3	21	80.00	3	
100	20X41A04B2	9	90	3	8	80	3	8	80	3	8	40	1	5	100	3	4	40	1	10	100	3	9	90	3	9	45	1	5	100	3	56	70.00	3
101	21X45A0401	10	100	3	9	90	3	10	100	3	8	80	3	5	100	3	10	100	3	7	70	3	8	80	3	8	80	3	5	100	3	49	50.00	1
102	21X45A0402	10	100	3	9	90	3	4	40	1	4	40	1	5	100	3	0	0	10	100	3	0	0	0	9	90	3	5	100	3	35	70.00	3	
103	21X45A0403	10	100	3	9	90	3	10	100	3	8	80	3	5	100	3	8	80	3	9	90	3	8	80	3	10	100	3	5	100	3	49	70.00	3
104	21X45A0404	9	90	3	4	40	1	8	80	3	9	90	3	5	100	3	6	60	2	3	30	0	8	80	3	10	100	3	5	100	3	49	70.00	3
105	21X45A0405	10	100	3	8	80	3	10	100	3	8	80	3	5	100	3	8	80	3	6	60	2	8	80	3	10	100	3	5	100	3	49	30.00	0
106	21X45A0406	9	90	3	9	90	3	6	60	2	8	80	3	5	100	3	2	20	0	3	30	0	5	50	1	10	100	3	5	100	3	21	50.00	1
107	21X45A0407	6	60	2	4	40	1	4	40	1	9	90	3	5	100	3	1	10	0	0	0	8	80	3	10	100	3	5	100	3	35	30.00	0	
108	21X45A0408	4	40	1	8	80	3	4	40	1	8	80	3	5	100	3	1	10	0	2	20	0	0	0	10	100	3	5	100	3	21	30.00	0	
109	21X45A0409	6	60	2	9	90	3	4	40	1	0	0	0	5	100	3	0	0	0	0	0	0	0	0	10	100	3	5	100	3	21	70.00	3	
110	21X45A0410	10	100	3	5	50	1	6	60	2	10	50	1	5	100	3	1	10	0	2	20	0	0	0	9.5	47.5	1	5	100	3	49	50.00	1	
111	21X45A0411	6	60	2	7	70	3	8	80	3	10	50	1	5	100	3	3	30	0	3	30	0	0	0	10	50	1	5	100	3	35	30.00	0	
112	21X45A0412	5	50	1	0	0	0	0	0	0	10	50	1	5	100	3	2	20	0	0	0	0	0	0	10	50	1	5	100	3	21	60.00	2	
113	21X45A0413	7	70	3	3	30	0	6	60	2	8	40	1	5	100	3	1	10	0	3	30	0	1	10	0	10	50	1	5	100	3	42	70.00	1
114	21X45A0414	9	90	3	6	60	2	5	50	1	10	50	1	5	100	3	0	0	2	20	0	0	0	0	9.5	47.5	1	5	100	3	49	60.00	2	
115	21X45A0415	0	0	0	2	20	0	5	50	1	10	50	1	5	100	3	0	0	6	60	2	3	30	0	9.5	47.5	1	5	100	3	42	70.00	1	

PRINCIPAL
 S.R.K. INSTITUTE OF TECHNOLOGY
 ENGINEERING
 VIJAYAWADA-521 108.

116	21X45A0416	7	70	3	2	20	0	6	60	2	6	30	0	5	100	3	6	60	2	3	30	0	0	0	10	50	1	5	100	3	35	60.00	2	
117	21X45A0417	6	60	2	6	60	2	6	60	2	6	45	1	5	100	3	2	20	0	5	50	1	1	10	0	9.5	47.5	1	5	100	3	42	30.00	0
118	21X45A0418	0.5	5	0	1.5	15	0	5	50	1	10	50	1	5	100	3	2	20	0	3	30	0	0	0	9.5	47.5	1	5	100	3	21	50.00	1	
119	21X45A0419	9	90	3	6	60	2	7	70	3	9	45	1	5	100	3	2	20	0	0	0	2	20	0	10	50	1	5	100	3	35	60.00	2	
120	21X45A0420	8	80	3	7	70	3	8	80	3	10	50	1	5	100	3	5	50	1	7	70	3	0	0	10	50	1	5	100	3	42	60.00	2	
121	21X45A0421	8	80	3	7	70	3	6	60	2	8	40	1	5	100	3	3	30	0	7	70	3	0	0	9.5	47.5	1	5	100	3	42	60.00	2	
122	21X45A0422	8	80	3	9	90	3	7	70	3	10	50	1	5	100	3	0	0	5	50	1	6	60	2	10	50	1	5	100	3	42	30.00	0	
123	21X45A0423	3	30	0	6	60	2	4	40	1	9	45	1	5	100	3	0	0	5	50	1	4	40	1	9.5	47.5	1	5	100	3	21	30.00	0	
124	21X45A0424	8	80	3	6	60	2	0	0	0	8	40	1	5	100	3	0	0	0	0	0	2	20	0	9.5	47.5	1	5	100	3	21	0.00	0	
AVERAGE		7.26	72.6	2.37	6.67	66.7	2.23	6.84	64.6	2.12	7.53	53	1.42	5	100	3	5.3	42.3	1.23	4.63	29.5	0.77	5.37	37.7	1.13	8.74	62.9	1.73	5	99.2	2.98	39	55	1.69
COURSE OUTCOMES	CO1	CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)					
CO WISE SUM	2.37	2.23			1.68			1.42			3			1.68			0.77			1.13			1.73			3			1.69					

(Handwritten Signature)

PRINCIPAL
S.R.K. INSTITUTE OF TECHNOLOGY
ENIKEPADU,
VIJAYAWADA-521 108.

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	2.37	1.42	3	1.71	1.84	96.08	2.88	2.05	65	68.33
CO2	2.23	1.42	3	1.71	1.82	96.67	2.90	2.04	65	68.00
CO3	1.675	1.575	3	1.71	1.76	95.29	2.86	1.98	65	66.00
CO4	0.77	1.73	3	1.71	1.64	97.06	2.91	1.89	65	63.00
CO5	1.13	1.73	3	1.71	1.69	86.47	2.59	1.87	65	62.33

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject MPMC

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	3												1			2.05
CO2	2	3											1	3	2	2.04
CO3			3	2						2			2		3	1.98
CO4	3		2											2	1	1.89
CO5	2	3		2	2					2				3	3	1.87

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
19.64	11.73	9.72	7.7	3.74					7.7			8.05	15.51	17.52
1.96	1.96	1.94	1.93	1.87					1.93			2.01	1.94	1.95

(Handwritten Signature)

PRINCIPAL
S.R.K. INSTITUTE OF TECHNOLOGY
ENIKEPADU,
VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' Grade

DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

YEAR-SEM: III-II		A.Y:2022-23						SUBJECT: VLSID									FACULTY NAME: Dr. D.Ravi Tej												EXTERNAL MARKS					
S.NO.	ROLL NO.	Q1			Q2			MID-I			ONLINE			ASSIGNMENT			Q1			Q2			MID EXAM - II			ONLINE						ASSIGNMENT		
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L				Marks	%	L
1	20X41A0401	9.5	95	3	0	0	0	9.5	95	3	20	100	3	5	100	3	8	80	3	0	0	0	10	100	3	19	95	3	5	100	3	21	30.00	0
2	20X41A0402	8	80	3	9.5	95	3	9	90	3	12	60	2	5	100	3	10	100	3	9.5	95	3	4	40	1	20	100	3	5	100	3	63	90.00	3
3	20X41A0403	9.5	95	3	0	0	0	8.5	85	3	17	85	3	5	100	3	8.5	85	3	4	40	1	9.5	95	3	20	100	3	5	100	3	21	30.00	0
4	20X41A0404	9	90	3	1	10	0	9	90	3	19	95	3	5	100	3	4	40	1	4	40	1	10	100	3	20	100	3	5	100	3	42	60.00	2
5	20X41A0405	8	80	3	10	100	3	10	100	3	10	50	1	5	100	3	9	90	3	9	90	3	10	100	3	12	60	2	5	100	3	56	80.00	3
6	20X41A0406	9	90	3	9.5	95	3	9.5	95	3	17	85	3	5	100	3	9.5	95	3	9	90	3	10	100	3	20	100	3	5	100	3	63	90.00	3
7	20X41A0407	9.5	95	3	10	100	3	9	90	3	13	65	2	5	100	3	8	80	3	9	90	3	10	100	3	19	95	3	5	100	3	42	60.00	2
8	20X41A0408	8.5	85	3	8	80	3	9	90	3	17	85	3	5	100	3	4.5	45	1	9	90	3	10	100	3	18	90	3	5	100	3	49	70.00	3
9	20X41A0409	8	80	3	10	100	3	9	90	3	10	50	1	5	100	3	4.5	45	1	9.5	95	3	10	100	3	20	100	3	5	100	3	49	70.00	3
10	20X41A0410	8.5	85	3	0	0	0	9	90	3	16	80	3	5	100	3	7	70	3	0	0	0	10	100	3	20	100	3	5	100	3	49	70.00	3
11	20X41A0412	9	90	3	9	90	3	4	40	1	15	75	3	5	100	3	5	50	1	7	70	3	10	100	3	18	90	3	5	100	3	42	60.00	2
12	20X41A0413	8.5	85	3	6	60	2	7.5	75	3	19	95	3	5	100	3	4	40	1	9.5	95	3	10	100	3	19	95	3	5	100	3	21	30.00	0
13	20X41A0414	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	5	100	3	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	50.00	1
14	20X41A0415	3	30	0	8.5	85	3	8.5	85	3	18	90	3	5	100	3	6	60	2	3	30	0	9.5	95	3	18	90	3	5	100	3	35	80.00	3
15	20X41A0416	9	90	3	9.5	95	3	9.5	95	3	17	85	3	5	100	3	8	80	3	10	100	3	10	100	3	19	95	3	5	100	3	56	70.00	3
16	20X41A0417	9.5	95	3	9.5	95	3	9.5	95	3	19	95	3	5	100	3	6	60	2	9	90	3	10	100	3	20	100	3	5	100	3	49	60.00	2
17	20X41A0418	9.5	95	3	7.5	75	3	8.5	85	3	20	100	3	5	100	3	5	50	1	3	30	0	10	100	3	20	100	3	5	100	3	42	70.00	3
18	20X41A0419	9.5	95	3	10	100	3	9	90	3	17	85	3	5	100	3	6	60	2	9	90	3	10	100	3	19	95	3	5	100	3	49	90.00	3
19	20X41A0420	9.5	95	3	10	100	3	9	90	3	19	95	3	5	100	3	6	60	2	10	100	3	10	100	3	19	95	3	5	100	3	63	70.00	3
20	20X41A0421	9.5	95	3	10	100	3	9	90	3	19	95	3	5	100	3	7	70	3	10	100	3	10	100	3	18	90	3	5	100	3	49	30.00	0
21	20X41A0422	9.5	95	3	10	100	3	9	90	3	20	100	3	5	100	3	5	50	1	6	60	2	10	100	3	20	100	3	5	100	3	21	30.00	0
22	20X41A0423	9.5	95	3	5	50	1	8.5	85	3	19	95	3	5	100	3	6	60	2	0	0	0	10	100	3	18	90	3	5	100	3	21	60.00	2
23	20X41A0424	7	70	3	5	50	1	8.5	85	3	19	95	3	5	100	3	7	70	3	0	0	0	10	100	3	19	95	3	5	100	3	42	30.00	0
24	20X41A0425	9.5	95	3	10	100	3	7	70	3	19	95	3	5	100	3	6	60	2	9	90	3	7	70	3	18	90	3	5	100	3	21	30.00	0
25	20X41A0427	0	0	0	0	0	0	4.5	45	1	20	100	3	5	100	3	0	0	0	5	50	1	8.5	85	3	20	100	3	5	100	3	21	50.00	1
26	20X41A0428	9	90	3	0	0	0	8.5	85	3	20	100	3	5	100	3	0	0	0	0	0	0	10	100	3	18	90	3	5	100	3	35	90.00	3
27	20X41A0429	9	90	3	10	100	3	9.5	95	3	9	45	1	5	100	3	7	70	3	10	100	3	10	100	3	20	100	3	5	100	3	63	30.00	0
28	20X41A0431	4	40	1	9.5	95	3	7	70	3	9	45	1	5	100	3	6	60	2	7	70	3	0	0	0	19	95	3	5	100	3	21	60.00	2
29	20X41A0432	4	40	1	8	80	3	8	80	3	20	100	3	5	100	3	7	70	3	6	60	2	10	100	3	19	95	3	5	100	3	42	70.00	3
30	20X41A0433	7	70	3	10	100	3	9	90	3	19	95	3	5	100	3	4	40	1	9	90	3	10	100	3	20	100	3	5	100	3	49	50.00	1
31	20X41A0434	7	70	3	5	50	1	0	0	0	20	100	3	5	100	3	0	0	0	3	30	0	0	0	0	19	95	3	5	100	3	25	60.00	2
32	20X41A0435	9	90	3	10	100	3	9	90	3	18	90	3	5	100	3	6	60	2	9	90	3	10	100	3	20	100	3	5	100	3	35	90.00	3
33	20X41A0437	9	90	3	10	100	3	7	70	3	20	100	3	5	100	3	4	40	1	0	0	0	0	0	0	19	95	3	5	100	3	35	90.00	3

PRINCIPAL
 S.R.K. INSTITUTE OF TECHNOLOGY
 ENIKEPADU,
 VIJAYAWADA-521 108.

34	20X41A0438	0	0	0	1	10	0	9	90	3	100	3	5	100	3	6	60	2	7	70	3	10	100	3	20	100	3	5	100	3	49	30.00	0	
35	20X41A0439	2.5	25	0	0	0	0	0	0	0	95	3	5	100	3	7	70	3	3	36	0	10	100	3	20	100	3	5	100	3	21	60.00	2	
36	20X41A0440	8	80	3	10	100	3	9	90	3	19	95	3	5	100	3	7	70	3	9	90	3	10	100	3	19	95	3	5	100	3	42	70.00	3
37	20X41A0442	9.5	95	3	9.5	95	3	9.5	95	3	15	75	3	5	100	3	7	70	3	10	100	3	10	100	3	20	100	3	5	100	3	49	60.00	2
38	20X41A0443	9.5	95	3	10	100	3	8.5	85	3	20	100	3	5	100	3	6	60	2	10	100	3	10	100	3	18	90	3	5	100	3	42	60.00	2
39	20X41A0444	9.5	95	3	1	10	0	8.5	85	3	19	95	3	5	100	3	6	60	2	1	10	0	10	100	3	20	100	3	5	100	3	42	70.00	3
40	20X41A0446	9.5	95	3	10	100	3	9	90	3	20	100	3	5	100	3	8	80	3	10	100	3	10	100	3	19	95	3	5	100	3	49	30.00	0
41	20X41A0447	2	20	0	10	100	3	7.5	75	3	19	95	3	5	100	3	0	0	0	0	0	4	40	1	19	95	3	5	100	3	21	60.00	2	
42	20X41A0449	9.5	95	3	10	100	3	8	80	3	16	80	3	5	100	3	7	70	3	10	100	3	10	100	3	17	85	3	5	100	3	42	70.00	3
43	20X41A0450	8	80	3	10	100	3	9	90	3	13	65	2	5	100	3	7	70	3	10	100	3	10	100	3	16	80	3	5	100	3	49	30.00	0
44	20X41A0451	2	20	0	0	0	0	0	0	0	19	95	3	5	100	3	1	10	0	2	20	0	10	100	3	20	100	3	5	100	3	21	60.00	2
45	20X41A0452	7	70	3	10	100	3	7.5	75	3	14	70	3	5	100	3	6	60	2	8	80	3	10	100	3	20	100	3	5	100	3	42	30.00	0
46	20X41A0453	4	40	1	0	0	0	0	0	0	20	100	3	5	100	3	3	30	0	2	20	0	0	0	0	19	95	3	5	100	3	21	90.00	3
47	20X41A0454	9	90	3	10	100	3	9.5	95	3	16	80	3	5	100	3	8.5	85	3	10	100	3	10	100	3	13	65	2	5	100	3	63	60.00	2
48	20X41A0455	9	90	3	5	50	1	8.5	85	3	20	100	3	5	100	3	3	30	0	0	0	0	10	100	3	20	100	3	5	100	3	42	60.00	2
49	20X41A0456	7	70	3	10	100	3	9	90	3	10	50	1	5	100	3	8	80	3	0	0	0	10	100	3	7	35	0	5	100	3	42	70.00	3
50	20X41A0457	7.5	75	3	10	100	3	8	80	3	17	85	3	5	100	3	7	70	3	10	100	3	10	100	3	19	95	3	5	100	3	49	80.00	3
51	20X41A0458	9.5	95	3	10	100	3	9	90	3	20	100	3	5	100	3	7	70	3	0	0	0	9	90	3	20	100	3	5	100	3	56	50.00	1
52	20X41A0459	9	90	3	5	50	1	0	0	0	19	95	3	5	100	3	7	70	3	3	30	0	7	70	3	18	90	3	5	100	3	35	50.00	1
53	20X41A0460	9	90	3	6	60	2	6	60	2	15	75	3	5	100	3	7	70	3	3	30	0	6	60	2	19	95	3	5	100	3	35	80.00	3
54	21X45A0401	9	90	3	10	100	3	8.5	85	3	19	95	3	5	100	3	6	60	2	10	100	3	10	100	3	19	95	3	5	100	3	56	80.00	3
55	21X45A0402	8	80	3	9.5	95	3	7.5	75	3	20	100	3	5	100	3	7	70	3	8	80	3	10	100	3	18	90	3	5	100	3	56	80.00	3
56	21X45A0403	9.5	95	3	7.5	75	3	9	90	3	17	85	3	5	100	3	7	70	3	10	100	3	10	100	3	20	100	3	5	100	3	49	70.00	3
57	21X45A0404	9	90	3	10	100	3	9	90	3	20	100	3	5	100	3	6	60	2	7	70	3	8.5	85	3	19	95	3	5	100	3	49	70.00	3
58	21X45A0405	9.5	95	3	9	90	3	7	70	3	19	95	3	5	100	3	8	80	3	5	50	1	10	100	3	20	100	3	5	100	3	49	70.00	3
59	21X45A0406	9	90	3	10	100	3	9	90	3	17	85	3	5	100	3	6	60	2	1	10	0	4	40	1	20	100	3	5	100	3	21	30.00	0
60	21X45A0407	8	80	3	8.5	85	3	9	90	3	19	95	3	5	100	3	8	80	3	0	0	0	10	100	3	20	100	3	5	100	3	21	30.00	0
61	21X45A0408	7	70	3	9.5	95	3	9.5	95	3	20	100	3	5	100	3	6	60	2	5	50	1	10	100	3	19	95	3	5	100	3	21	30.00	0
62	21X45A0409	8.5	85	3	6	60	2	9.5	95	3	19	95	3	5	100	3	7	70	3	2	20	0	10	100	3	17	85	3	5	100	3	21	30.00	0
63	20X41A0462		0	0	10	100	3	8	80	3	20	100	3	5	100	3	9	90	3	8	80	3		0	0	20	100	3	5	100	3	21	30.00	0
64	20X41A0463	7	70	3	7	70	3	8	80	3	20	100	3	5	100	3		0	0	9	90	3	8	80	3	20	100	3	5	100	3	56	80.00	3
65	20X41A0464	9	90	3	9	90	3	9	90	3	20	100	3	5	100	3	9	90	3	9	90	3		0	0	20	100	3	5	100	3	42	60.00	2
66	20X41A0465	6	60	2		0	0	10	100	3	20	100	3	5	100	3	7	70	3	7	70	3	8	80	3	20	100	3	5	100	3	21	30.00	0
67	20X41A0466	8	80	3	8	80	3	8	80	3	19	95	3	5	100	3	8	80	3		0	0	8	80	3	19	95	3	5	100	3	42	60.00	2
68	20X41A0467	10	100	3	8	80	3	7	70	3	20	100	3	5	100	3	8	80	3		0	0		0	0	20	100	3	5	100	3	63	90.00	3
69	20X41A0468	8	80	3	8	80	3	9	90	3	20	100	3	5	100	3	7	70	3		0	0	9	90	3	20	100	3	5	100	3	42	60.00	2
70	20X41A0469		0	0		0	0	7	70	3	16	80	3	5	100	3	8	80	3	0	0	0	3	30	0	16	80	3	5	100	3	21	30.00	0
71	20X41A0470	7	70	3	7	70	3	6	60	2	20	100	3	5	100	3	9	90	3	9	90	3	1	10	0	20	100	3	5	100	3	21	30.00	0
72	20X41A0471	10	100	3	7	70	3	5	50	1	19	95	3	5	100	3		0	0	8	80	3	8	80	3	19	95	3	5	100	3	49	70.00	3
73	20X41A0472	9	90	3	9	90	3	8	80	3	20	100	3	5	100	3	9	90	3	10	100	3	7	70	3	20	100	3	5	100	3	49	70.00	3
74	20X41A0473	10	100	3	6	60	2	4	40	1	19	95	3	5	100	3	8	80	3		0	0		0	0	19	95	3	5	100	3	49	70.00	3
75	20X41A0474	9	90	3	4	40	1	5	50	1	19	95	3	5	100	3	9	90	3	5	50	1		0	0	19	95	3	5	100	3	49	70.00	3

SRK INSTITUTE OF TECHNOLOGY
 ENKERODU V. JOY A-121 103

76	20X41A0475	3	30	0	0	0	1	10	0	100	3	5	100	3	0	0	6	60	2	9	90	3	20	100	3	5	100	3	49	70.00	3			
77	20X41A0476	10	100	3	5	50	1	6	60	2	85	3	5	100	3	7	70	3	0	0	9	90	3	17	85	3	5	100	3	21	30.00	0		
78	20X41A0477	10	100	3	10	100	3	6	60	2	19	95	3	5	100	3	9	90	3	6	60	2	0	0	19	95	3	5	100	3	49	70.00	3	
79	20X41A0478		0	0	9	90	3	6	60	2	20	100	3	5	100	3		0	0	4	40	1	9	90	3	20	100	3	5	100	3	21	30.00	0
80	20X41A0479	5	50	1	5	50	1	3	30	0	20	100	3	5	100	3		0	0		0	0	10	100	3	20	100	3	5	100	3	21	30.00	0
81	20X41A0480	10	100	3	10	100	3	8	80	3	20	100	3	5	100	3	10	100	3	10	100	3	9	90	3	20	100	3	5	100	3	49	70.00	3
82	20X41A0481	10	100	3	10	100	3	6	60	2	18	90	3	5	100	3	8	80	3	8	80	3		0	0	18	90	3	5	100	3	42	60.00	2
83	20X41A0482	8	80	3	7	70	3	8	80	3	18	90	3	5	100	3	8	80	3	9	90	3		0	0	18	90	3	5	100	3	21	30.00	0
84	20X41A0483	7	70	3		0	0	7	70	3	20	100	3	5	100	3		0	0	9	90	3	9	90	3	20	100	3	5	100	3	42	60.00	2
85	20X41A0484	10	100	3	6	60	2	4	40	1	20	100	3	5	100	3		0	0		0	0	9	90	3	20	100	3	5	100	3	42	60.00	2
86	20X41A0485	8	80	3	8	80	3	5	50	1	8	40	1	5	100	3	9	90	3	9	90	3	5	50	1	8	40	1	5	100	3	42	60.00	2
87	20X41A0486	5	50	1	5	50	1	5	50	1	19	95	3	5	100	3		0	0		0	0		0	0	19	95	3	5	100	3	35	50.00	1
88	20X41A0487	8	80	3	0	0	0	8	80	3	20	100	3	5	100	3	9	90	3		0	0	3	30	0	20	100	3	5	100	3	35	50.00	1
89	20X41A0488		0	0	6	60	2	10	100	3	19	95	3	5	100	3	8	80	3	8	80	3	1	10	0	19	95	3	5	100	3	21	30.00	0
90	20X41A0489	10	100	3	10	100	3	5	50	1	20	100	3	5	100	3	8	80	3	1	10	0	8	80	3	20	100	3	5	100	3	21	30.00	0
91	20X41A0490	1	10	0	1	10	0		0	0	19	95	3	5	100	3		0	0		0	0		0	0	19	95	3	5	100	3		0.00	0
92	20X41A0491	4	40	1	4	40	1	4	40	1	20	100	3	5	100	3	9	90	3	1	10	0	10	100	3	20	100	3	5	100	3	42	60.00	2
93	20X41A0492	8	80	3	8	80	3	8	80	3	18	90	3	5	100	3		0	0	8	80	3	8	80	3	18	90	3	5	100	3	49	70.00	3
94	20X41A0493	8	80	3	8	80	3	8	80	3	20	100	3	5	100	3	7	70	3	8	80	3	6	60	2	20	100	3	5	100	3	42	60.00	2
95	20X41A0495	10	100	3	10	100	3	5	50	1	20	100	3	5	100	3	10	100	3	10	100	3	5	50	1	20	100	3	5	100	3	42	60.00	2
96	20X41A0496	10	100	3	10	100	3	5	50	1	19	95	3	5	100	3	8	80	3		0	0	8	80	3	19	95	3	5	100	3	49	70.00	3
97	20X41A0497	7	70	3	7	70	3	7	70	3	20	100	3	5	100	3		0	0		0	0	8	80	3	20	100	3	5	100	3	49	70.00	3
98	20X41A0498	3	30	0	8	80	3	8	80	3	20	100	3	5	100	3	9	90	3		0	0		0	0	20	100	3	5	100	3	21	30.00	0
99	20X41A04A0	8	80	3	10	100	3	8	80	3	18	90	3	5	100	3	9	90	3	9	90	3	3	30	0	18	90	3	5	100	3	56	80.00	3
100	20X41A04A1	10	100	3	10	100	3	8	80	3	19	95	3	5	100	3	10	100	3	9	90	3	2	20	0	19	95	3	5	100	3	42	60.00	2
101	20X41A04A2		0	0		0	0		0	0	20	100	3	5	100	3	9	90	3		0	0	5	50	1	20	100	3	5	100	3	42	60.00	2
102	20X41A04A3	10	100	3	10	100	3	9	90	3	19	95	3	5	100	3		0	0	9	90	3	9	90	3	19	95	3	5	100	3	42	60.00	2
103	20X41A04A4	7	70	3	7	70	3		0	0	20	100	3	5	100	3	9	90	3	1	10	0	10	100	3	20	100	3	5	100	3	49	70.00	3
104	20X41A04A5	10	100	3	10	100	3	9	90	3	17	85	3	5	100	3	10	100	3	9	90	3	9	90	3	17	85	3	5	100	3	49	70.00	3
105	20X41A04A6	7	70	3	10	100	3	10	100	3	18	90	3	5	100	3	10	100	3	9	90	3	3	30	0	18	90	3	5	100	3	42	60.00	2
106	20X41A04A7	8	80	3	6	60	2	10	100	3	19	95	3	5	100	3	3	30	0	10	100	3	9	90	3	19	95	3	5	100	3	49	70.00	3
107	20X41A04A8	10	100	3		0	0	10	100	3	20	100	3	5	100	3		0	0	10	100	3	9	90	3	20	100	3	5	100	3	21	30.00	0
108	20X41A04A9	10	100	3	6	60	2	8	80	3	19	95	3	5	100	3	8	80	3	8	80	3		0	0	19	95	3	5	100	3	42	60.00	2
109	20X41A04B1	7	70	3	7	70	3	7	70	3	20	100	3	5	100	3	10	100	3	4	40	1		0	0	20	100	3	5	100	3	56	80.00	3
110	20X41A04B2	7	70	3	10	100	3	9	90	3	19	95	3	5	100	3	9	90	3	9	90	3	10	100	3	19	95	3	5	100	3	49	70.00	3
111	21X45A0410	10	100	3	9	90	3	9	90	3	20	100	3	5	100	3	1	10	0	1	10	0	1	10	0	20	100	3	5	100	3	49	70.00	3
112	21X45A0411	7	70	3	7	70	3	7	70	3	20	100	3	5	100	3	2	20	0	9	90	3	10	100	3	20	100	3	5	100	3	42	60.00	2
113	21X45A0412	10	100	3	7	70	3		0	0	19	95	3	5	100	3	8	80	3		0	0		0	0	19	95	3	5	100	3	42	60.00	0
114	21X45A0413	10	100	3	10	100	3		0	0	18	90	3	5	100	3	9	90	3	9	90	3	4	40	1	18	90	3	5	100	3	42	60.00	2
115	21X45A0414	8	80	3	10	100	3	8	80	3	20	100	3	5	100	3		0	0	9	90	3	9	90	3	20	100	3	5	100	3		0.00	0

116	21X45A0415	7	70	3	8	80	3	2	20	0	100	3	5	100	3	10	100	3	0	0	10	100	3	20	100	3	5	100	3	42	60.00	2		
117	21X45A0416	7	70	3	8	80	3	7	70	3	100	3	5	100	3	9	90	3	0	0	6	60	2	20	100	3	5	100	3	42	60.00	2		
118	21X45A0417	7	70	3	7	70	3	8	80	3	20	100	3	5	100	3	10	100	3	10	100	3	0	0	20	100	3	5	100	3	42	60.00	2	
119	21X45A0418	8	80	3	8	80	3	8	80	3	19	95	3	5	100	3	0	0	8	80	3	8	80	3	19	95	3	5	100	3	42	60.00	2	
120	21X45A0419	7	70	3	7	70	3	8	80	3	0	0	5	100	3	5	50	1	9	90	3	9	90	3	0	0	5	100	3	35	50.00	1		
121	21X45A0420	10	100	3	7	70	3	7	70	3	16	80	3	5	100	3	9	90	3	4	40	1	9	90	3	16	80	3	5	100	3	49	70.00	3
122	21X45A0421	9	90	3	9	90	3	7	70	3	20	100	3	5	100	3	8	80	3	8	80	3	0	0	20	100	3	5	100	3	42	60.00	2	
123	21X45A0422	8	80	3	8	80	3	8	80	3	19	95	3	5	100	3	9	90	3	9	90	3	1	10	0	19	95	3	5	100	3	56	80.00	3
124	21X45A0423	7	70	3	7	70	3	3	30	0	18	90	3	5	100	3	9	90	3	9	90	3	5	50	1	18	90	3	5	100	3	21	30.00	0
125	21X45A0424	0	0	0	0	0	0	0	0	0	18	90	3	5	100	3	0	0	0	0	0	0	0	0	18	90	3	5	100	3	21	30.00	0	
AVERAGE		7.91	75.3	2.53	7.49	70.7	2.29	7.39	70.3	2.4	18.27	90.6	2.85	5	100	3	6.94	60.4	2.08	6.49	55.4	1.73	8	69	2.12	18.9	93.7	2.92	5	100	3	39.6	56	1.74
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)		
CO WISE SUM		2.53			2.29			2.24			2.85			3			2.24			1.73			2.12			2.92			3			1.74		

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	2.53	2.85	3	1.74	2.03	93.83	2.81	2.19	65	73.00
CO2	2.29	2.85	3	1.74	2	95.14	2.85	2.17	65	72.33
CO3	2.24	2.885	3	1.74	1.99	92.90	2.79	2.15	65	71.67
CO4	1.73	2.92	3	1.74	1.92	93.64	2.81	2.1	65	70.00
CO5	2.12	2.92	3	1.74	1.98	92.15	2.76	2.14	65	71.33

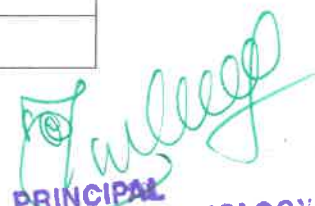
SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject VLSID

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	2	2											2			2.19
CO2	2	3											3			2.17
CO3	3	2	3										3	2		2.15
CO4	3	2	2										3	2		2.1
CO5	2	3	3										3			2.14

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
25.75	25.81	17.07										30.06	8.5	
2.15	2.15	2.13										2.15	2.13	


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' Grade

DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSO

YEAR-SEM: III-II		A.Y:2022-23						SUBJECT: DSP									FACULTY NAME: V.SEKHAR BABU									EXTERNAL MARKS									
S.NO.	ROLL NO.	Q1			Q2			MID-I Q3			ONLINE			ASSIGNMENT			Q1			Q2			MID EXAM - II Q3			ONLINE			ASSIGNMENT			Marks	%	L	
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L							
1	20X41A0401	0	0	0	0	0	0	5	50	1	20	100	3	5	100	3	5	50	1	0	0	0	8	80	3	11	55	2	5	100	3	42	60.00	2	
2	20X41A0402	10	100	3	10	100	3	10	100	3	16	80	3	5	100	3	5	50	1	0	0	0	8	80	3	4	20	0	5	100	3	49	70.00	3	
3	20X41A0403	0	0	0	0	0	0	5	50	1	6	30	0	5	100	3	4	40	1	0	0	0	6	60	2	7	35	0	5	100	3	21	30.00	0	
4	20X41A0404	10	100	3	10	100	3	10	100	3	18	90	3	5	100	3	0	0	0	0	0	0	1	10	0	1	5	0	5	100	3	21	30.00	0	
5	20X41A0405	7	70	3	10	100	3	10	100	3	10	50	1	5	100	3	7	70	3	8	80	3	10	100	3	6	30	0	5	100	3	21	30.00	0	
6	20X41A0406	4	40	1	7	70	3	10	100	3	19	95	3	5	100	3	9	90	3	6	60	2	10	100	3	15	75	3	5	100	3	49	70.00	3	
7	20X41A0407	10	100	3	10	100	3	8	80	3	16	80	3	5	100	3	10	100	3	3	30	0	10	100	3	14	70	3	5	100	3	21	30.00	0	
8	20X41A0408	10	100	3	9	90	3	10	100	3	20	100	3	5	100	3	0	0	0	3	30	0	8	80	3	14	70	3	5	100	3	35	50.00	1	
9	20X41A0409	8	80	3	10	100	3	10	100	3	19	95	3	5	100	3	9	90	3	1	10	0	10	100	3	8	40	1	5	100	3	21	30.00	0	
10	20X41A0410	10	100	3	0	0	0	10	100	3	17	85	3	5	100	3	0	0	0	3	30	0	0	0	0	16	80	3	5	100	3	35	50.00	1	
11	20X41A0412	10	100	3	10	100	3	10	100	3	19	95	3	5	100	3	7	70	3	3	30	0	8	80	3	6	30	0	5	100	3	49	70.00	3	
12	20X41A0413	5	50	1	10	100	3	5	50	1	20	100	3	5	100	3	1	10	0	3	30	0	2	20	0	13	65	2	5	100	3	21	30.00	0	
13	20X41A0414		0	0		0	0		0	0		0	0	5	100	3		0	0		0	0		0	0		0	0	5	100	3	35	50.00	1	
14	20X41A0415	4	40	1	0	0	0	9	90	3	20	100	3	5	100	3	0	0	0	3	30	0	6	60	2	9	45	1	5	100	3	42	60.00	2	
15	20X41A0416	10	100	3	10	100	3	10	100	3	17	85	3	5	100	3	8	80	3	5	50	1	9	90	3	6	30	0	5	100	3	49	70.00	3	
16	20X41A0417	10	100	3	10	100	3	10	100	3	20	100	3	5	100	3	8	80	3	8	80	3	10	100	3	11	55	2	5	100	3	42	60.00	2	
17	20X41A0418	6	60	2	0	0	0	10	100	3	20	100	3	5	100	3	2	20	0	3	30	0	10	100	3	8	40	1	5	100	3	35	50.00	1	
18	20X41A0419	10	100	3	10	100	3	10	100	3	18	90	3	5	100	3	8	80	3	3	30	0	9	90	3	8	40	1	5	100	3	56	80.00	3	
19	20X41A0420	10	100	3	10	100	3	10	100	3	15	75	3	5	100	3	8	80	3	0	0	0	10	100	3	10	50	1	5	100	3	63	90.00	3	
20	20X41A0421	10	100	3	10	100	3	10	100	3	20	100	3	5	100	3	8	80	3	10	100	3	10	100	3	8	40	1	5	100	3	21	30.00	0	
21	20X41A0422	10	100	3	10	100	3	10	100	3	20	100	3	5	100	3	7	70	3	3	30	0	2	20	0	9	45	1	5	100	3	21	30.00	0	
22	20X41A0423	10	100	3	10	100	3	10	100	3	19	95	3	5	100	3	4	40	1	1	10	0	4	40	1	8	40	1	5	100	3	35	50.00	1	
23	20X41A0424	10	100	3	0	0	0	10	100	3	20	100	3	5	100	3	0	0	0	3	30	0	3	30	0	9	45	1	0	0	0	21	30.00	0	
24	20X41A0425	10	100	3	10	100	3	10	100	3	20	100	3	5	100	3	4	40	1	3	30	0	2	20	0	11	55	2	5	100	3	42	60.00	2	
25	20X41A0427	10	100	3	10	100	3	10	100	3	18	90	3	5	100	3	0	0	0	0	0	0	4	40	1	9	45	1	5	100	3	42	60.00	2	
26	20X41A0428	4	40	1	10	100	3	10	100	3	20	100	3	5	100	3	0	0	0	0	0	0	0	0	0	8	40	1	5	100	3	42	60.00	2	
27	20X41A0429	10	100	3	10	100	3	10	100	3	15	75	3	5	100	3	8	80	3	10	100	3	10	100	3	14	70	3	5	100	3	56	80.00	3	
28	20X41A0431	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	3	30	0	2	20	0	2	20	0	10	50	1	5	100	3	42	60.00	2	
29	20X41A0432	10	100	3	10	100	3	10	100	3	17	85	3	5	100	3	5	50	1	2	20	0	8	80	3	11	55	2	5	100	3	0	0.00	0	
30	20X41A0433	10	100	3	10	100	3	10	100	3	18	90	3	5	100	3	2	20	0	4	40	1	10	100	3	15	75	3	5	100	3	42	60.00	2	
31	20X41A0434	4	40	1	2	20	0	10	100	3	19	95	3	5	100	3	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
32	20X41A0435	10	100	3	10	100	3	10	100	3	20	100	3	5	100	3	5	50	1	2	20	0	9	90	3	9	45	1	5	100	3	42	60.00	2	


SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521108
PRINCIPAL

33	20X41A0437	10	100	3	0	0	0	5	50	1	19	95	3	5	100	3	0	0	0	4	40	1	4	40	1	6	30	0	5	100	3	49	70.00	3	
34	20X41A0438	3	30	0	0	0	0	10	100	3	17	85	3	5	100	3	0	0	0	4	40	1	8	80	3	7	35	0	5	100	3	35	50.00	1	
35	20X41A0439	2	20	0	0	0	0	3	30	0	19	95	3	5	100	3	0	0	0	4	40	1	2	20	0	8	40	1	5	100	3	35	50.00	1	
36	20X41A0440	10	100	3	10	100	3	10	100	3	18	90	3	5	100	3	7	70	3	5	50	1	10	100	3	11	55	2	5	100	3	0	0.00	0	
37	20X41A0442	9	90	3	10	100	3	10	100	3	20	100	3	5	100	3	5	50	1	2	20	0	10	100	3	8	40	1	5	100	3	35	50.00	1	
38	20X41A0443	9	90	3	10	100	3	10	100	3	18	90	3	5	100	3	0	0	0	6	60	2	10	100	3	11	55	2	5	100	3	21	30.00	0	
39	20X41A0444	5	50	1	10	100	3	10	100	3	20	100	3	5	100	3	0	0	0	0	0	0	0	0	0	8	40	1	5	100	3	21	30.00	0	
40	20X41A0446	10	100	3	10	100	3	10	100	3	19	95	3	5	100	3	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	21	30.00	0	
41	20X41A0447	9	90	3	0	0	0	5	50	1	20	100	3	5	100	3	0	0	0	2	20	0	2	20	0	8	40	1	5	100	3	35	50.00	1	
42	20X41A0449	9	90	3	10	100	3	10	100	3	16	80	3	5	100	3	7	70	3	7	70	3	10	100	3	6	30	0	5	100	3	35	50.00	1	
43	20X41A0450	10	100	3	10	100	3	10	100	3	14	70	3	5	100	3	7	70	3	7	70	3	10	100	3	10	50	1	5	100	3	21	30.00	0	
44	20X41A0451	0	0	0	0	0	0	10	100	3	18	90	3	5	100	3	0	0	0	0	0	0	0	0	0	12	60	2	5	100	3	21	30.00	0	
45	20X41A0452	10	100	3	9	90	3	10	100	3	18	90	3	5	100	3	5	50	1	0	0	0	7	70	3	13	65	2	5	100	3	35	50.00	1	
46	20X41A0453	9	90	3	0	0	0	10	100	3	17	85	3	5	100	3	0	0	0	3	30	0	5	50	1	9	45	1	5	100	3	42	60.00	2	
47	20X41A0454	10	100	3	10	100	3	10	100	3	19	95	3	5	100	3	10	100	3	10	100	3	10	100	3	13	65	2	5	100	3	35	50.00	1	
48	20X41A0455	9	90	3	10	100	3	10	100	3	18	90	3	5	100	3	0	0	0	2	20	0	0	0	0	9	45	1	5	100	3	56	80.00	3	
49	20X41A0456	9	90	3	0	0	0	10	100	3	4	20	0	5	100	3	6	60	2	0	0	0	10	100	3	11	55	2	5	100	3	56	80.00	3	
50	20X41A0457	10	100	3	10	100	3	10	100	3	19	95	3	5	100	3	7	70	3	1	10	0	7	70	3	6	30	0	5	100	3	21	30.00	0	
51	20X41A0458	10	100	3	10	100	3	10	100	3	20	100	3	5	100	3	0	0	0	0	0	0	3	30	0	9	45	1	5	100	3	21	30.00	0	
52	20X41A0459	9	90	3	10	100	3	8	80	3	19	95	3	5	100	3	3	30	0	0	0	0	3	30	0	7	35	0	5	100	3	42	60.00	2	
53	20X41A0460	8	80	3	10	100	3	10	100	3	19	95	3	5	100	3	5	50	1	9	90	3	6	60	2	11	55	2	5	100	3	21	30.00	0	
54	21X45A0401	9	90	3	10	100	3	10	100	3	18	90	3	5	100	3	4	40	1	3	30	0	10	100	3	10	50	1	5	100	3	42	60.00	2	
55	21X45A0402	8	80	3	10	100	3	5	50	1	19	95	3	5	100	3	2	20	0	2	20	0	10	100	3	5	25	0	5	100	3	21	30.00	0	
56	21X45A0403	10	100	3	10	100	3	10	100	3	18	90	3	5	100	3	2	20	0	2	20	0	10	100	3	9	45	1	5	100	3	21	30.00	0	
57	21X45A0404	5	50	1	10	100	3	10	100	3	19	95	3	5	100	3	3	30	0	4	40	1	9	90	3	12	60	2	5	100	3	21	30.00	0	
58	21X45A0405	10	100	3	10	100	3	10	100	3	20	100	3	5	100	3	4	40	1	4	40	1	10	100	3	12	60	2	5	100	3	42	60.00	2	
59	21X45A0406	10	100	3	10	100	3	10	100	3	20	100	3	5	100	3	4	40	1	5	50	1	10	100	3	14	70	3	5	100	3	42	60.00	2	
60	21X45A0407	8	80	3	10	100	3	5	50	1	20	100	3	5	100	3	4	40	1	3	30	0	9	90	3	15	75	3	5	100	3	42	60.00	2	
61	21X45A0408	9	90	3	10	100	3	10	100	3	19	95	3	5	100	3	3	30	0	4	40	1	7	70	3	15	75	3	5	100	3	49	70.00	3	
62	21X45A0409	10	100	3	10	100	3	10	100	3	19	95	3	5	100	3	3	30	0	0	0	0	9	90	3	10	50	1	5	100	3	56	80.00	3	
63	19X41A0427	10	100	3	6	60	2	10	100	3	14	70	3	5	100	3	5	50	1	5	50	1	10	100	3	14	70	3	5	100	3	21	30.00	0	
64	19X41A0481	10	100	3	0	0	0	10	100	3	12	60	2	5	100	3	8	80	3	0	0	0	0	0	0	15	75	3	5	100	3	56	80.00	3	
65	20X41A0462	7	70	3	10	100	3	7	70	3	19	95	3	5	100	3	1	10	0	0	0	0	1	10	0	14	70	3	5	100	3	49	70.00	3	
66	20X41A0463	10	100	3	10	100	3	5	50	1	20	100	3	5	100	3	6	60	2	0	0	0	0	0	0	13	65	2	5	100	3	42	60.00	2	
67	20X41A0464	9	90	3	10	100	3	10	100	3	19	95	3	5	100	3	3	30	0	4	40	1	0	0	0	13	65	2	5	100	3	56	80.00	3	
68	20X41A0465	10	100	3	10	100	3	10	100	3	19	95	3	5	100	3	5	50	1	2	20	0	1	10	0	10	50	1	5	100	3	42	60.00	2	
69	20X41A0466	10	100	3	10	100	3	10	100	3	20	100	3	5	100	3	6	60	2	0	0	0	0	0	0	11	55	2	5	100	3	30	30.00	0	
70	20X41A0467	9	90	3	10	100	3	10	100	3	20	100	3	5	100	3	0	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	42	60.00	2
71	20X41A0468	9	90	3	10	100	3	10	100	3	19	95	3	5	100	3	5	50	1	3	30	0	10	100	3	11	55	2	5	100	3	42	60.00	2	
72	20X41A0469	0	0	0	2	20	0	4	40	1	19	95	3	5	100	3	1	10	0	4	40	1	3	30	0	14	70	3	5	100	3	42	60.00	2	

SRK INSTITUTE OF TECHNOLOGY
 ENIKERAPU, VIJAYAWADA-521 108.

73	20X41A0470	8	80	3	10	100	3	6	60	2	20	100	3	5	100	3	1	10	0	5	50	1	0	0	0	11	55	2	5	100	3	42	60.00	2
74	20X41A0471	2	20	0	10	100	3	8	80	3	9	45	1	5	100	3	0	0	0	3	30	0	9	90	3	13	65	2	5	100	3	21	30.00	0
75	20X41A0472	10	100	3	10	100	3	10	100	3	20	100	3	5	100	3	2	20	0	0	0	0	10	100	3	13	65	2	5	100	3	42	60.00	2
76	20X41A0473	6	60	2	6	60	2	9	90	3	19	95	3	5	100	3	2	20	0	0	0	0	8	80	3	7	35	0	5	100	3	56	80.00	3
77	20X41A0474	6	60	2	6	60	2	5	50	1	16	80	3	5	100	3	2	20	0	3	30	0	3	30	0	12	60	2	5	100	3	21	30.00	0
78	20X41A0475	9	90	3	10	100	3	10	100	3	19	95	3	5	100	3	1	10	0	0	0	0	9	90	3	7	35	0	5	100	3	42	60.00	2
79	20X41A0476	5	50	1	6	60	2	10	100	3	14	70	3	5	100	3	5	50	1	0	0	0	10	100	3	4	20	0	5	100	3	21	30.00	0
80	20X41A0477	10	100	3	10	100	3	10	100	3	17	85	3	5	100	3	5	50	1	2	20	0	10	100	3	11	55	2	5	100	3	21	30.00	0
81	20X41A0478	3	30	0	5	50	1	6	60	2	20	100	3	5	100	3	3	30	0	3	30	0	5	50	1	9	45	1	5	100	3	21	30.00	0
82	20X41A0479	0	0	0	8	80	3	0	0	0	19	95	3	5	100	3	1	10	0	0	0	0	5	50	1	9	45	1	5	100	3	56	80.00	3
83	20X41A0480	10	100	3	10	100	3	10	100	3	20	100	3	5	100	3	0	0	0	3	30	0	9	90	3	13	65	2	5	100	3	21	30.00	0
84	20X41A0481	10	100	3	10	100	3	10	100	3	19	95	3	5	100	3	1	10	0	0	0	0	3	30	0	13	65	2	5	100	3	35	50.00	1
85	20X41A0482	10	100	3	10	100	3	10	100	3	17	85	3	5	100	3	2	20	0	3	30	0	3	30	0	8	40	1	5	100	3	35	50.00	1
86	20X41A0483	0	0	0	4	40	1	2	20	0	20	100	3	5	100	3	2	20	0	3	30	0	5	50	1	10	50	1	5	100	3	42	60.00	2
87	20X41A0484	5	50	1	10	100	3	10	100	3	17	85	3	5	100	3	0	0	0	0	0	0	7	70	3	14	70	3	5	100	3	42	60.00	2
88	20X41A0485	8	80	3	10	100	3	9	90	3	20	100	3	5	100	3	2	20	0	1	10	0	10	100	3	7	35	0	5	100	3	35	50.00	1
89	20X41A0486	3	30	0	10	100	3	5	50	1	19	95	3	5	100	3		0	0		0	0		0	0		0	0	5	100	3	21	30.00	0
90	20X41A0487	4	40	1	6	60	2	5	50	1	19	95	3	5	100	3	2	20	0	3	30	0	9	90	3	13	65	2	5	100	3	42	60.00	2
91	20X41A0488	10	100	3	9	90	3	6	60	2	20	100	3	5	100	3	5	50	1	1	10	0	4	40	1	9	45	1	5	100	3	42	60.00	2
92	20X41A0489	2	20	0	10	100	3	10	100	3	20	100	3	5	100	3		0	0		0	0		0	0		0	0	5	100	3	21	30.00	0
93	20X41A0490	0	0	0	0	0	0	5	50	1	19	95	3	5	100	3		0	0		0	0		0	0		0	0	5	100	3	21	30.00	0
94	20X41A0491	1	10	0	10	100	3	9	90	3	19	95	3	5	100	3	5	50	1	0	0	0	9	90	3	11	55	2	5	100	3	42	60.00	2
95	20X41A0492	4	40	1	10	100	3	10	100	3	18	90	3	5	100	3	7	70	3	1	10	0	10	100	3	15	75	3	5	100	3	21	30.00	0
96	20X41A0493	0	0	0	10	100	3	10	100	3	20	100	3	5	100	3	5	50	1	1	10	0	9	90	3	10	50	1	5	100	3	56	80.00	3
97	20X41A0495	10	100	3	10	100	3	10	100	3	19	95	3	5	100	3	8	80	3	2	20	0	8	80	3	10	50	1	5	100	3	21	30.00	0
98	20X41A0496	0	0	0	9	90	3	2	20	0	19	95	3	5	100	3	0	0	0	0	0	0	3	30	0	7	35	0	5	100	3	21	30.00	0
99	20X41A0497	5	50	1	3	30	0	5	50	1	19	95	3	5	100	3	5	50	1	3	30	0	10	100	3	12	60	2	5	100	3	49	70.00	3
100	20X41A0498	3	30	0	7	70	3	5	50	1	20	100	3	5	100	3	0	0	0	4	40	1	1	10	0	6	30	0	5	100	3	35	50.00	1
101	20X41A04A0	10	100	3	10	100	3	10	100	3	19	95	3	5	100	3	10	100	3	2	20	0	10	100	3	10	50	1	5	100	3	49	70.00	3
102	20X41A04A1	5	50	1	10	100	3	5	50	1	19	95	3	5	100	3	3	30	0	1	10	0	8	80	3	13	65	2	5	100	3	21	30.00	0
103	20X41A04A2	0	0	0	5	50	1	5	50	1	19	95	3	5	100	3	2	20	0	0	0	0	2	20	0	6	30	0	5	100	3	21	30.00	0
104	20X41A04A3	9	90	3	10	100	3	10	100	3	17	85	3	5	100	3	2	20	0	3	30	0	10	100	3	13	65	2	5	100	3	0	0.00	0
105	20X41A04A4	8	80	3	10	100	3	10	100	3	19	95	3	5	100	3	0	0	0	3	30	0	10	100	3	11	55	2	5	100	3	21	30.00	0
106	20X41A04A5	10	100	3	10	100	3	10	100	3	20	100	3	5	100	3	8	80	3	9	90	3	10	100	3	16	80	3	5	100	3	21	30.00	0
107	20X41A04A6	5	50	1	10	100	3	10	100	3	17	85	3	5	100	3	9	90	3	1	10	0	10	100	3	9	45	1	5	100	3	42	60.00	2
108	20X41A04A7	10	100	3	10	100	3	10	100	3	19	95	3	5	100	3	10	100	3	9	90	3	10	100	3	16	80	3	5	100	3	21	30.00	0
109	20X41A04A8	0	0	0	0	0	0	5	50	1	18	90	3	5	100	3	2	20	0	1	10	0	10	100	3	14	70	3	5	100	3	21	30.00	0
110	20X41A04A9	10	100	3	10	100	3	10	100	3	20	100	3	5	100	3	8	80	3	3	30	0	10	100	3	14	70	3	5	100	3	21	30.00	0
111	20X41A04B1	10	100	3	10	100	3	5	50	1	18	90	3	5	100	3	8	80	3	3	30	0	9	90	3	7	35	0	5	100	3	21	30.00	0
112	20X41A04B2	10	100	3	10	100	3	10	100	3	20	100	3	5	100	3	5	50	1	8	80	3	10	100	3	14	70	3	5	100	3	21	30.00	0

113	21X45A0410	8	80	3	10	100	3	10	100	3	20	100	3	5	100	3	7	70	3	10	100	3	10	100	3	13	65	2	5	100	3	35	50.00	1
114	21X45A0411	0	0	0	5	50	1	9	90	3	20	100	3	5	100	3	2	20	0	8	80	3	8	0	0	11	55	2	5	100	3	35	50.00	1
115	21X45A0412	0	0	0	0	0	0	5	50	1	19	95	3	5	100	3	0	0	0	5	50	1	8	80	3	7	35	0	5	100	3	0	0.00	0
116	21X45A0413	6	60	2	9	90	3	5	50	1	16	80	3	5	100	3	0	0	0	6	60	2	9	90	3	12	60	2	5	100	3	49	70.00	3
117	21X45A0414	10	100	3	10	100	3	5	50	1	20	100	3	5	100	3	1	10	0	5	50	1	10	100	3	16	80	3	5	100	3	35	50.00	1
118	21X45A0415		0	0		0	0		0	0		0	0	5	100	3	5	50	1	5	50	1	10	100	3	13	65	2	5	100	3	21	30.00	0
119	21X45A0416	10	100	3	10	100	3	10	100	3	20	100	3	5	100	3	5	50	1	0	0	0	10	100	3	10	50	1	5	100	3	21	30.00	0
120	21X45A0417	2	20	0	10	100	3	9	90	3	18	90	3	5	100	3	4	40	1	5	50	1	10	100	3	16	80	3	5	100	3	35	50.00	1
121	21X45A0418	10	100	3	10	100	3	10	100	3	19	95	3	5	100	3	0	0	0	0	0	0	10	100	3	12	60	2	5	100	3	35	50.00	1
122	21X45A0419	5	50	1	10	100	3	10	100	3	19	95	3	5	100	3	1	10	0	3	30	0	8	80	3	14	70	3	5	100	3	21	30.00	0
123	21X45A0420	10	100	3	10	100	3	10	100	3	20	100	3	5	100	3	3	30	0	10	100	3	10	100	3	16	80	3	5	100	3	35	50.00	1
124	21X45A0421	5	50	1	10	100	3	10	100	3	18	90	3	5	100	3	3	30	0	10	100	3	9	90	3	10	50	1	5	100	3	21	30.00	0
125	21X45A0422	10	100	3	10	100	3	10	100	3	19	95	3	5	100	3	2	20	0	0	0	0	8	80	3	10	50	1	5	100	3	21	30.00	0
126	21X45A0423	5	50	1	9	90	3	5	50	1	20	100	3	5	100	3	4	40	1	0	0	0	9	90	3	13	65	2	5	100	3	56	80.00	3
127	21X45A0424	0	0	0	0	0	0	0	0	0	19	95	3	5	100	3		0	0		0	0		0	0		0	0	5	100	3	21	30.00	0
AVERAGE		7.18	70.6	2.11	7.94	78.1	2.35	8.51	83.8	2.45	18.22	89.7	2.85	5	100	3	3.7	35.3	0.93	3.01	28.7	0.57	6.96	65.7	1.98	10.5	50.2	1.46	4.96	99.2	2.98	33.2	47	1.17
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)		
CO WISE SUM		2.11			2.35			1.69			2.85			3			1.69			0.57			1.98			1.46			3			1.17		


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	2.11	2.85	3	1.17	1.57	97.53	2.93	1.84	65	61.33
CO2	2.35	2.85	3	1.17	1.61	96.92	2.91	1.87	65	62.33
CO3	1.69	2.16	2.99	1.17	1.44	94.61	2.84	1.72	65	57.33
CO4	0.57	1.46	2.98	1.17	1.2	96.76	2.90	1.54	65	51.33
CO5	1.98	1.46	2.98	1.17	1.41	95.69	2.87	1.7	65	56.67


SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	≥70

CO-PO correlation Matrix for the Subject DSP

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	3	2								2		2	2			1.84
CO2	3	2										3	3	2		1.87
CO3	2	2	2							2		3	3			1.72
CO4	3	2	2							2		2	3	2		1.54
CO5	2	2	2									2	3			1.7

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
22.59	17.34	9.92							10.2		20.93	24.17	6.82	
1.74	1.73	1.65							1.7		1.74	1.73	1.71	


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 100.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPALLU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

YEAR-SEM: III-II		A.Y:2022-23						SUBJECT: MCC									FACULTY NAME : A.RAMYA															EXTERNAL MARKS			
S.NO.	ROLL NO.	MID EXAM - I																		MID EXAM - II															
		Q1			Q2			Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE			ASSIGNMENT						
Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L			
1	20X41A0401	0	0	0	0	0	0	0	9	90	3	13	65	2	5	100	3	0	0	0	5	50	1	2	20	0	11	55	2	5	100	3	21	30	0
2	20X41A0402	6	60	2	4	40	1	8	80	3	10	50	1	5	100	3	7	70	3	10	100	3	10	100	3	7	35	0	5	100	3	42	60	2	
3	20X41A0403	0	0	0	8	80	3	5	50	1	7	35	0	5	100	3	5	50	1	0	0	0	0	0	0	6	30	0	5	100	3	21	30	0	
4	20X41A0404	7	70	3	9	90	3	9	90	3	15	75	3	5	100	3	0	0	0	0	0	0	0	0	10	50	1	5	100	3	21	30	0		
5	20X41A0405	10	100	3	10	100	3	10	100	3	8	40	1	5	100	3	10	100	3	10	100	3	9	90	3	7	35	0	5	100	3	42	60	2	
6	20X41A0406	9	90	3	9	90	3	7	70	3	17	85	3	5	100	3	10	100	3	5	50	1	9	90	3	14	70	3	5	100	3	49	70	3	
7	20X41A0407	6	60	2	8	80	3	9	90	3	12	60	2	5	100	3	9	90	3	10	100	3	7	70	3	14	70	3	5	100	3	49	70	3	
8	20X41A0408	3	30	0	7	70	3	7	70	3	15	75	3	5	100	3	9	90	3	8	80	3	7	70	3	16	80	3	5	100	3	42	60	2	
9	20X41A0409	8	80	3	6	60	2	8	80	3	10	50	1	5	100	3	10	100	3	10	100	3	8	80	3	10	50	1	5	100	3	42	60	2	
10	20X41A0410	8	80	3	9	90	3	8	80	3	13	65	2	5	100	3	0	0	0	5	50	1	0	0	0	5	25	0	5	100	3	21	30	0	
11	20X41A0412	7	70	3	1	10	0	8	80	3	11	55	2	5	100	3	7	70	3	10	100	3	6	60	2	10	50	1	5	100	3	49	70	3	
12	20X41A0413	0	0	0	0	0	0	7	70	3	7	35	0	5	100	3	0	0	0	7	70	3	7	70	3	11	55	2	5	100	3	21	30	0	
13	20X41A0415	3	30	0	6	60	2	8	80	3	15	75	3	5	100	3	0	0	0	5	50	1	2	20	0	17	85	3	5	100	3	42	60	2	
14	20X41A0416	6	60	2	10	100	3	9	90	3	6	30	0	5	100	3	10	100	3	9	90	3	8	80	3	9	45	1	5	100	3	49	70	3	
15	20X41A0417	8	80	3	9	90	3	7	70	3	12	60	2	5	100	3	10	100	3	10	100	3	9	90	3	12	60	2	5	100	3	56	80	3	
16	20X41A0418	8	80	3	7	70	3	8	80	3	13	65	2	5	100	3	5	50	1	9	90	3	6	60	2	11	55	2	5	100	3	21	30	0	
17	20X41A0419	8	80	3	9	90	3	7	70	3	16	80	3	5	100	3	9	90	3	9	90	3	6	60	2	17	85	3	5	100	3	42	60	2	
18	20X41A0420	5	50	1	5	50	1	9	90	3	6	30	0	5	100	3	10	100	3	10	100	3	9	90	3	8	40	1	5	100	3	35	50	1	
19	20X41A0421	5	50	1	9	90	3	9	90	3	12	60	2	5	100	3	10	100	3	10	100	3	10	100	3	13	65	2	5	100	3	49	70	3	
20	20X41A0422	6	60	2	9	90	3	9	90	3	11	55	2	5	100	3	7	70	3	5	50	1	0	0	0	7	35	0	5	100	3	21	30	0	
21	20X41A0423	5	50	1	7	70	3	5	50	1	11	55	2	5	100	3	5	50	1	5	50	1	2	20	0	11	55	2	5	100	3	35	50	1	
22	20X41A0424	0	0	0	6	60	2	8	80	3	15	75	3	5	100	3	0	0	0	7	70	3	5	50	1	11	55	2	5	100	3	49	70	3	
23	20X41A0425	9	90	3	9	90	3	9	90	3	6	30	0	5	100	3	7	70	3	6	60	2	6	60	2	12	60	2	5	100	3	49	70	3	

SRK INSTITUTE OF TECHNOLOGY
ENIKEPALLU, VIJAYAWADA-521108
PRINCIPAL

24	20X41A0427	6	60	2	5	50	1	5	50	8	40	1	5	100	3	2	20	0	50	1	0	0	0	4	20	0	5	100	3	21	30	0		
25	20X41A0428	5	50	1	4	40	1	5	50	10	50	1	5	100	3	0	0	0	4	40	1	0	0	0	15	75	3	5	100	3	35	50	1	
26	20X41A0429	9	90	3	10	100	3	9	90	3	16	80	3	5	100	3	10	100	3	10	100	3	15	75	3	5	100	3	49	70	3			
27	20X41A0431	7	70	3	10	100	3	7	70	3	0	0	5	100	3	5	50	1	3	30	0	1	10	0	9	45	1	5	100	3	35	50	1	
28	20X41A0432	7	70	3	4	40	1	8	80	3	10	50	1	5	100	3	9	90	3	10	100	3	7	70	3	7	35	0	5	100	3	35	50	1
29	20X41A0433	9	90	3	8	80	3	8	80	3	14	70	3	5	100	3	5	50	1	10	100	3	10	100	3	16	80	3	5	100	3	56	80	3
30	20X41A0434	0	0	0	0	0	0	10	100	3	14	70	3	5	100	3	0	0	0	6	60	2	0	0	0	6	30	0	5	100	3	35	50	1
31	20X41A0435	8	80	3	8	80	3	7	70	3	12	60	2	5	100	3	10	100	3	10	100	3	10	100	3	14	70	3	5	100	3	49	70	3
32	20X41A0437	6	60	2	2	20	0	8	80	3	13	65	2	5	100	3	0	0	0	5	50	1	3	30	0	13	65	2	5	100	3	21	30	0
33	20X41A0438	0	0	0	2	20	0	9	90	3	12	60	2	5	100	3	3	30	0	10	100	3	5	50	1	12	60	2	5	100	3	35	50	1
34	20X41A0439	4	40	1	3	30	0	6	60	2	9	45	1	5	100	3	0	0	0	4	40	1	5	50	1	12	60	2	5	100	3	21	30	0
35	20X41A0440	9	90	3	9	90	3	9	90	3	13	65	2	5	100	3	10	100	3	10	100	3	7	70	3	14	70	3	5	100	3	49	70	3
36	20X41A0442	9	90	3	9	90	3	9	90	3	15	75	3	5	100	3	10	100	3	10	100	3	8	80	3	18	90	3	5	100	3	42	60	2
37	20X41A0443	5	50	1	8	80	3	7	70	3	15	75	3	5	100	3	10	100	3	10	100	3	8	80	3	13	65	2	5	100	3	42	60	2
38	20X41A0444	0	0	0	3	30	0	8	80	3	14	70	3	5	100	3	0	0	0	10	100	3	5	50	1	12	60	2	5	100	3	35	50	1
39	20X41A0446	5	50	1	9	90	3	9	90	3	18	90	3	5	100	3	10	100	3	10	100	3	8	80	3	13	65	2	5	100	3	56	80	3
40	20X41A0447	0	0	0	0	0	0	10	100	3	15	75	3	5	100	3	6	60	2	5	50	1	0	0	0	12	60	2	5	100	3	21	30	0
41	20X41A0448	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	49	70	3
42	20X41A0449	9	90	3	9	90	3	8	80	3	6	30	0	5	100	3	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	42	60	2
43	20X41A0450	9	90	3	10	100	3	9	90	3	0	0	0	5	100	3	10	100	3	10	100	3	10	100	3	5	25	0	5	100	3	35	50	1
44	20X41A0451	0	0	0	3	30	0	6	60	2	8	40	1	5	100	3	0	0	0	10	100	3	0	0	0	11	55	2	5	100	3	21	30	0
45	20X41A0452	7	70	3	9	90	3	5	50	1	10	50	1	5	100	3	6	60	2	10	100	3	6	60	2	11	55	2	5	100	3	21	30	0
46	20X41A0453	0	0	0	0	0	0	0	0	0	18	90	3	5	100	3	0	0	0	10	100	3	4	40	1	15	75	3	5	100	3	49	70	3
47	20X41A0454	9	90	3	9	90	3	9	90	3	6	30	0	5	100	3	10	100	3	10	100	3	10	100	3	10	50	1	5	100	3	35	50	1
48	20X41A0455	0	0	0	4	40	1	8	80	3	14	70	3	5	100	3	0	0	0	9	90	3	5	50	1	8	40	1	5	100	3	35	50	1
49	20X41A0456	0	0	0	9	90	3	9	90	3	6	30	0	5	100	3	2	20	0	7	70	3	0	0	0	6	30	0	5	100	3	42	60	2
50	20X41A0457	7	70	3	7	70	3	7	70	3	13	65	2	5	100	3	5	50	1	10	100	3	6	60	2	10	50	1	5	100	3	49	70	3
51	20X41A0458	5	50	1	9	90	3	9	90	3	18	90	3	5	100	3	10	100	3	10	100	3	8	80	3	16	80	3	5	100	3	49	70	3
52	20X41A0459	3	30	0	4	40	1	6	60	2	13	65	2	5	100	3	6	60	2	10	100	3	5	50	1	15	75	3	5	100	3	21	30	0
53	20X41A0460	2	20	0	5	50	1	7	70	3	11	55	2	5	100	3	10	100	3	3	30	0	3	30	0	14	70	3	5	100	3	42	60	2

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENKEPADU VIJAYAWADA-521101

54	21X45A0401	8	80	3	9	90	3	9	90		10	50	1	5	100	3	6	60	2		100	3	6	60	2	10	50	1	5	100	3	49	70	3
55	21X45A0402	5	50	1	5	50	1	7	70	3	8	40	1	5	100	3	7	70	3	8	80	3	6	60	2	16	80	3	5	100	3	42	60	2
56	21X45A0403	6	60	2	5	50	1	5	50	1	18	90	3	5	100	3	6	60	2	10	100	3	6	60	2	18	90	3	5	100	3	42	60	2
57	21X45A0404	8	80	3	9	90	3	9	90	3	10	50	1	5	100	3	6	60	2	10	100	3	6	60	2	11	55	2	5	100	3	35	50	1
58	21X45A0405	6	60	2	7	70	3	8	80	3	9	45	1	5	100	3	10	100	3	10	100	3	6	60	2	10	50	1	5	100	3	35	50	1
59	21X45A0406	3	30	0	8	80	3	8	80	3	15	75	3	5	100	3	10	100	3	10	100	3	5	50	1	14	70	3	5	100	3	21	30	0
60	21X45A0407	0	0	0	5	50	1	5	50	1	12	60	2	5	100	3	2	20	0	6	60	2	5	50	1	15	75	3	5	100	3	35	50	1
61	21X45A0408	6	60	2	9	90	3	3	30	0	12	60	2	5	100	3	0	0	0	7	70	3	4	40	1	9	45	1	5	100	3	21	30	0
62	21X45A0409	7	70	3	0	0	0	9	90	3	14	70	3	5	100	3	0	0	0	10	100	3	7	70	3	13	65	2	5	100	3	21	30	0
AVERAGE		5.1	51	1.65	6.23	62.3	1.97	7.47	74.7	2.58	11.48	56.45	1.76	5	100	3	5.6	55.8	1.69	7.85	78.6	2.35	1	53.7	1.68	11.31	56.5	1.7	5	100	3	36.81	52.6	1.48
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)		
CO WISE SUM		1.65			1.97			2.58			1.76			3			1.69			2.35			1.68			1.74			3			1.48		



PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	1.65	1.76	3	1.48	1.61	99.03	2.97	1.88	65	62.67
CO2	1.97	1.76	3	1.48	1.66	97.42	2.92	1.91	65	63.67
CO3	2.135	1.75	3	1.48	1.68	97.1	2.91	1.93	65	64.33
CO4	2.35	1.74	3	1.48	1.71	98.06	2.94	1.96	65	65.33
CO5	1.68	1.74	3	1.48	1.61	95.81	2.87	1.86	65	62.00

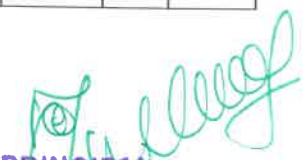
SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO Matrix for the Subject MCC

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1: Identify the limitations of conventional mobile telephone systems & the concepts of cellular systems in	3												1			1.88
CO2: Analyze the concepts of interference with respect to use of various antennas.	2	2	2										2			1.91
CO3: Know the frequency management & channel assignment strategies in cell coverage.		2											2			1.93
CO4: Explain the concepts of different handoff techniques	2	1	2										2			1.96
CO5: Acquire the knowledge of digital cellular networks in different generations	2	2		2									3			1.86

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
17.1	13.36	7.74	3.72									19.06		
1.9	1.91	1.94	1.86									1.91		


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

Accredited with NAAC 'A' grade

ISO 9001:2015 Certified Institution

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

YEAR-SEM: III-II		A.Y:2022-23									SUBJECT: ES									FACULTY NAME: B.S.S.TEJESH									EXTERNAL MARKS					
S.NO.	ROLL NO.	MID-1			MID-1			MID-1			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE			ASSIGNMENT			Marks	%	L
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L						
1	20X41A0462	2	20	0	2	20	0	2	20	0	20	100	3	5	100	3	3	30	0	3	30	0	2	20	0	20	100	3	5	100	3	21	30	0
2	20X41A0463	5	50	1	8	80	3	8	80	3	20	100	3	5	100	3	6	60	2	10	100	3	4	40	1	20	100	3	5	100	3	49	70	3
3	20X41A0464	9	90	3	7	70	3	8	80	3	20	100	3	5	100	3	2	20	0	7	70	3	3	30	0	20	100	3	5	100	3	49	70	3
4	20X41A0465	6	60	2	8	80	3	8	80	3	20	100	3	5	100	3	0	0	0	9	90	3	7	70	3	20	100	3	5	100	3	21	30	0
5	20X41A0466	7	70	3	8	80	3	8	80	3	20	100	3	5	100	3	1	10	0	10	100	3	5	50	1	20	100	3	5	100	3	21	30	0
6	20X41A0467	9	90	3	8	80	3	7	70	3	20	100	3	5	100	3	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	49	70	3
7	20X41A0468	10	100	3	8	80	3	10	100	3	20	100	3	5	100	3	10	100	3	9	90	3	0	0	0	20	100	3	5	100	3	42	60	2
8	20X41A0469	5	50	1	1	10	0	1	10	0	18	90	3	5	100	3	3	30	0	7	70	3	0	0	0	20	100	3	5	100	3	21	30	0
9	20X41A0470	5	50	1	8	80	3	5	50	1	20	100	3	5	100	3	2	20	0	1	10	0	2	20	0	20	100	3	5	100	3	21	30	0
10	20X41A0471	8	80	3	10	100	3	8	80	3	18	90	3	5	100	3	0	0	0	10	100	3	7	70	3	20	100	3	5	100	3	42	60	2
11	20X41A0472	10	100	3	10	100	3	10	100	3	20	100	3	5	100	3	6	60	2	6	60	2	6	60	2	20	100	3	5	100	3	42	60	2
12	20X41A0473	9	90	3	6	60	2	8	80	3	20	100	3	5	100	3	4	40	1	7	70	3	2	20	0	18	90	3	5	100	3	42	60	2
13	20X41A0474	7	70	3	6	60	2	8	80	3	14	70	3	5	100	3	5	50	1	2	20	0	3	30	0	20	100	3	5	100	3	21	30	0
14	20X41A0475	0	0	0	0	0	0	0	0	0	20	100	3	5	100	3	8	80	3	10	100	3	3	30	0	20	100	3	5	100	3	49	70	3
15	20X41A0476	9	90	3	5	50	1	0	0	0	18	90	3	5	100	3	0	0	0	9	90	3	1	10	0	16	80	3	5	100	3	21	30	0
16	20X41A0477	9	90	3	10	100	3	10	100	3	20	100	3	5	100	3	6	60	2	10	100	3	7	70	3	20	100	3	5	100	3	56	80	3
17	20X41A0478	9	90	3	8	80	3	8	80	3	20	100	3	5	100	3	6	60	2	9	90	3	0	0	0	20	100	3	5	100	3	21	30	0
18	20X41A0479	8	80	3	9	90	3	9	90	3	20	100	3	5	100	3	2	20	0	5	50	1	0	0	0	20	100	3	5	100	3	21	30	0
19	20X41A0480	10	100	3	10	100	3	10	100	3	20	100	3	5	100	3	6	60	2	10	100	3	10	100	3	20	100	3	5	100	3	56	80	3
20	20X41A0481	6	60	2	3	30	0	10	100	3	20	100	3	5	100	3	6	60	2	10	100	3	4	40	1	20	100	3	5	100	3	42	60	2
21	20X41A0482	6	60	2	8	80	3	10	100	3	20	100	3	5	100	3	2	20	0	7	70	3	8	80	3	20	100	3	5	100	3	21	30	0
22	20X41A0483	10	100	3	10	100	3	8	80	3	20	100	3	5	100	3	7	70	3	9	90	3	0	0	0	20	100	3	5	100	3	49	70	3
23	20X41A0484	10	100	3	8	80	3	9	90	3	20	100	3	5	100	3	7	70	3	8	80	3	0	0	0	18	90	3	5	100	3	49	70	3
24	20X41A0485	9	90	3	9	90	3	10	100	3	18	90	3	5	100	3	3	30	0	10	100	3	0	0	0	20	100	3	5	100	3	49	70	3
25	20X41A0486	6	60	2	5	50	1	10	100	3	20	100	3	5	100	3	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	35	50	1
26	20X41A0487	0	0	0	0	0	0	0	0	0	20	100	3	5	100	3	0	0	0	9	90	3	6	60	2	18	90	3	5	100	3	56	80	3
27	20X41A0488	6	60	2	7	70	3	7	70	3	20	100	3	5	100	3	5	50	1	9	90	3	2	20	0	20	100	3	5	100	3	35	50	1
28	20X41A0489	10	100	3	10	100	3	8	80	3	20	100	3	5	100	3	1	10	0	8	80	3	0	0	0	20	100	3	5	100	3	42	60	2
29	20X41A0491	10	100	3	7	70	3	8	80	3	18	90	3	5	100	3	7	70	3	8	80	3	0	0	0	20	100	3	5	100	3	42	60	2
30	20X41A0492	10	100	3	6	60	2	7	70	3	20	100	3	5	100	3	7	70	3	9	90	3	0	0	0	18	90	3	5	100	3	49	70	3
31	20X41A0493	10	100	3	4	40	1	3	30	0	20	100	3	5	100	3	2	20	0	10	100	3	0	0	0	20	100	3	5	100	3	42	60	2
32	20X41A0495	7	70	3	9	90	3	10	100	3	20	100	3	5	100	3	0	0	0	10	100	3	1	10	0	20	100	3	5	100	3	49	70	3
33	20X41A0496	6	60	2	8	80	3	4	40	1	20	100	3	5	100	3	7	70	3	10	100	3	0	0	0	20	100	3	5	100	3	42	60	2
34	20X41A0497	8	80	3	4	40	1	9	90	3	20	100	3	5	100	3	3	30	0	9	90	3	3	30	0	20	100	3	5	100	3	42	60	2

35	20X41A0498	7	70	3	5	50	1	7	70	3	10	100	3	5	100	3	0	0	0	7	7	3	4	40	1	18	90	3	5	100	3	21	30	0
36	20X41A04A0	10	100	3	10	100	3	9	90	3	18	90	3	5	100	3	8	80	3	10	100	3	10	100	3	20	100	3	5	100	3	49	70	3
37	20X41A04A1	10	100	3	9	90	3	10	100	3	20	100	3	5	100	3	7	70	3	9	90	3	6	60	2	20	100	3	5	100	3	21	30	0
38	20X41A04A2	8	80	3	3	30	0	2	20	0	20	100	3	5	100	3	7	70	3	6	60	2	0	0	0	20	100	3	5	100	3	21	30	0
39	20X41A04A3	10	100	3	10	100	3	10	100	3	16	80	3	5	100	3	8	80	3	8	80	3	1	10	0	20	100	3	5	100	3	49	70	3
40	20X41A04A4	10	100	3	10	100	3	10	100	3	20	100	3	5	100	3	7	70	3	10	100	3	1	10	0	20	100	3	5	100	3	49	70	3
41	20X41A04A5	7	70	3	10	100	3	10	100	3	18	90	3	5	100	3	7	70	3	10	100	3	10	100	3	20	100	3	5	100	3	42	60	2
42	20X41A04A6	6	60	2	4	40	1	7	70	3	20	100	3	5	100	3	5	50	1	10	100	3	7	70	3	20	100	3	5	100	3	42	60	2
43	20X41A04A7	10	100	3	9	90	3	10	100	3	18	90	3	5	100	3	4	40	1	10	100	3	10	100	3	20	100	3	5	100	3	56	80	3
44	20X41A04A8	9	90	3	3	30	0	8	80	3	18	90	3	5	100	3	6	60	2	4	40	1	4	40	1	20	100	3	5	100	3	42	60	2
45	20X41A04A9	8	80	3	3	30	0	6	60	2	20	100	3	5	100	3	5	50	1	9	90	3	3	30	0	20	100	3	5	100	3	35	50	1
46	20X41A04B1		0	0		0	0		0	0		0	0	5	100	3	5	50	1	9	90	3	6	60	2	18	90	3	5	100	3	42	60	2
47	20X41A04B2	10	100	3	10	100	3	10	100	3	20	100	3	5	100	3	5	50	1	9	90	3	10	100	3	20	100	3	5	100	3	56	80	3
48	21X45A0410	8	80	3	8	80	3	7	70	3	20	100	3	5	100	3	0	0	0	9	90	3	8	80	3	20	100	3	5	100	3	49	70	3
49	21X45A0411	5	50	1	6	60	2	0	0	0	20	100	3	5	100	3	0	0	0	0	0	0	2	20	0	20	100	3	5	100	3	35	50	1
50	21X45A0412	4	40	1	6	60	2	0	0	0	20	100	3	5	100	3	0	0	0	0	0	0	10	100	3	18	90	3	5	100	3	21	30	0
51	21X45A0413	10	100	3	7	70	3	1	10	0	20	100	3	5	100	3	6	60	2	10	100	3	6	60	2	18	90	3	5	100	3	42	60	2
52	21X45A0414	10	100	3	10	100	3	8	80	3	20	100	3	5	100	3	0	0	0	10	100	3	3	30	0	20	100	3	5	100	3	56	80	3
53	21X45A0415	10	100	3	10	100	3	8	80	3	20	100	3	5	100	3	0	0	0	9	90	3	5	50	1	20	100	3	5	100	3	49	70	3
54	21X45A0416	9	90	3	7	70	3	7	70	3	20	100	3	5	100	3	0	0	0	9	90	3	10	100	3	20	100	3	5	100	3	42	60	2
55	21X45A0417	3	30	0	6	60	2	10	100	3	20	100	3	5	100	3	3	30	0	8	80	3	5	50	1	20	100	3	5	100	3	42	60	2
56	21X45A0418	9	90	3	6	60	2	3	30	0	20	100	3	5	100	3	6	60	2	10	100	3	10	100	3	20	100	3	5	100	3	21	30	0
57	21X45A0419	7	70	3	6	60	2	2	20	0	20	100	3	5	100	3	2	20	0	7	70	3	9	90	3	20	100	3	5	100	3	35	50	1
58	21X45A0420	8	80	3	6	60	2	8	80	3	20	100	3	5	100	3	3	30	0	9	90	3	9	90	3	20	100	3	5	100	3	49	70	3
59	21X45A0421	9	90	3	6	60	2	3	30	0	20	100	3	5	100	3	3	30	0	9	90	3	6	60	2	20	100	3	5	100	3	42	60	2
60	21X45A0422	10	100	3	8	80	3	7	70	3	20	100	3	5	100	3	0	0	0	7	70	3	0	0	0	20	100	3	5	100	3	21	30	0
61	21X45A0423	5	50	1	3	30	0	6	60	2	20	100	3	5	100	3	0	0	0	0	0	0	0	0	0	20	100	3	5	100	3	21	30	0
62	21X45A0424	0	0	0	0	0	0	0	0	0	20	100	3	5	100	3	10	100	3		0	0		0	0		0	0	5	100	3	21	30	0
AVERAGE		7.85	74.68	2.4	6.97	66.29	2.11	6.95	66.13	2.18	19.54	96.13	2.95	5	100	3	3.9	37.74	1.1	7.93	75.48	2.47	4.08	38.87	1.08	19.66	93.55	2.85	5	100	3	38.5	55	1.69
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)		
CO WISE SUM		2.4			2.11			2.18			2.95			3			1.1			2.47			1.08			2.85			3			1.69		

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	2.4	2.95	3	2.36	2.46	97.45	2.92	2.55	65	85.00
CO2	2.11	2.95	3	2.36	2.41	97.82	2.93	2.51	65	83.67
CO3	2.32	2.9	3	2.36	2.44	96.73	2.9	2.53	65	84.33
CO4	2.47	2.46	3	2.36	2.42	96.73	2.9	2.52	65	84.00
CO5	2.46	1.08	3	2.36	2.28	97.09	2.91	2.41	65	80.33

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject ES

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	2				1									2	3	2.55
CO2	2	3			1									2	3	2.51
CO3	3	3	1		2								2	1	3	2.53
CO4	3	2			1									2	3	2.52
CO5	3		2		1									3	3	2.41

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
32.5	20.16	7.35		15.05								5.06	24.92	37.56
2.5	2.52	2.45		2.51								2.53	2.49	2.5



PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' Grade

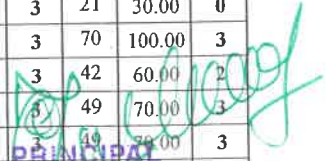
DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs, POs and PSOs

YEAR-SEM: III-II		A.Y:2022-23									SUBJECT: PP									FACULTY NAME: T.VISHNU PRIA									EXTERNAL MARKS					
S.NO.	ROLL NO.	Q1			Q2			MID-I Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE			ASSIGNMENT			Marks	%	L
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L						
1	20X41A0401	4	40	1	8	80	3	3	30	0	8	40	1	5	100	3	8	80	3	3	30	0	0	0	20	100	3	5	100	3	42	60.00	2	
2	20X41A0402	8	80	3	4	40	1		0	0	3	15	0	5	100	3	9	90	3	6	60	2	5	50	1	19	95	3	5	100	3	42	60.00	2
3	20X41A0403		0	0	6	60	2		0	0	5	25	0	5	100	3		0	0	2	20	0		0	0		0	0	5	100	3	21	30.00	0
4	20X41A0404	4	40	1	5	50	1		0	0	10	50	1	5	100	3		0	0	1	10	0		0	0	19	95	3	5	100	3	21	30.00	0
5	20X41A0405	10	100	3	10	100	3	6	60	2	9	45	1	5	100	3	10	100	3	10	100	3	5	50	1	10	50	1	5	100	3	49	70.00	3
6	20X41A0406	8	80	3	10	100	3	6	60	2	12	60	2	5	100	3	10	100	3	5	50	1	3	30	0	17	85	3	5	100	3	42	60.00	2
7	20X41A0407	10	100	3	8	80	3	4	40	1	8	40	1	5	100	3	10	100	3	5	50	1	5	50	1	17	85	3	5	100	3	49	70.00	3
8	20X41A0408	8	80	3	8	80	3	5	50	1	11	55	2	5	100	3	2	20	0	5	50	1	5	50	1	19	95	3	5	100	3	49	70.00	3
9	20X41A0409	8	80	3	10	100	3	4	40	1	6	30	0	5	100	3	10	100	3	5	50	1	5	50	1	17	85	3	5	100	3	21	30.00	0
10	20X41A0410		0	0	4	40	1		0	0	19	95	3	5	100	3	5	50	1	5	50	1		0	0	19	95	3	5	100	3	42	60.00	2
11	20X41A0412	6	60	2	9	90	3	6	60	2	4	20	0	5	100	3	7	70	3	5	50	1	5	50	1	19	95	3	5	100	3	56	80.00	3
12	20X41A0413	6	60	2	8	80	3	5	50	1	13	65	2	5	100	3		0	0	4	40	1		0	0	18	90	3	5	100	3	35	50.00	1
13	20X41A0415	1	10	0		0	0	2	20	0	17	85	3	5	100	3		0	0		0	0		0	0	19	95	3	5	100	3	49	70.00	3
14	20X41A0416	8	80	3	10	100	3	5	50	1	12	60	2	5	100	3	8	80	3	9	90	3	5	50	1	15	75	3	5	100	3	63	90.00	3
15	20X41A0417	10	100	3	10	100	3	5	50	1	12	60	2	5	100	3	10	100	3	9	90	3	2	20	0	19	95	3	5	100	3	42	60.00	2
16	20X41A0418	3	30	0	6	60	2	4	40	1	11	55	2	5	100	3	4	40	1	5	50	1		0	0	14	70	3	5	100	3	42	60.00	2
17	20X41A0419	10	100	3	10	100	3	6	60	2	14	70	3	5	100	3	10	100	3	5	50	1	2	20	0	16	80	3	5	100	3	56	80.00	3
18	20X41A0420	8	80	3	10	100	3	5	50	1	6	30	0	5	100	3	5	50	1	3	30	0	5	50	1	17	85	3	5	100	3	42	60.00	2
19	20X41A0421	10	100	3	10	100	3	5	50	1	13	65	2	5	100	3	10	100	3	8	80	3	4	40	1	17	85	3	5	100	3	63	90.00	3
20	20X41A0422	6	60	2	8	80	3	3	30	0	15	75	3	5	100	3		0	0	5	50	1	5	50	1	19	95	3	5	100	3	49	70.00	3
21	20X41A0423	6	60	2	5	50	1		0	0	17	85	3	5	100	3	6	60	2	2	20	0		0	0	17	85	3	5	100	3	35	50.00	1
22	20X41A0424	9	90	3	5	50	1	4	40	1	16	80	3	5	100	3	1	10	0	4	40	1		0	0	19	95	3	5	100	3	21	30.00	0
23	20X41A0425	9	90	3	9	90	3	1	10	0	12	60	2	5	100	3		0	0	2	20	0		0	0	20	100	3	5	100	3	42	60.00	2
24	20X41A0427	2	20	0		0	0	3	30	0	3	15	0	5	100	3		0	0	7	70	3	1	10	0	19	95	3	5	100	3	21	30.00	0
25	20X41A0428	2	20	0	5	50	1	4	40	1	17	85	3	5	100	3		0	0		0	0		0	0	19	95	3	5	100	3	35	50.00	1
26	20X41A0429	10	100	3	10	100	3	7	70	3	13	65	2	5	100	3	10	100	3	10	100	3	9	90	3	17	85	3	5	100	3	49	70.00	3
27	20X41A0431	8	80	3	5	50	1		0	0	2	10	0	5	100	3	4	40	1		0	0		0	0		0	0	5	100	3	21	30.00	0
28	20X41A0432	10	100	3	9	90	3	3	30	0	3	15	0	5	100	3	10	100	3	5	50	1	3	30	0	17	85	3	5	100	3	49	70.00	3
29	20X41A0433	8	80	3	9	90	3		0	0	14	70	3	5	100	3	9	90	3	5	50	1	4	40	1	18	90	3	5	100	3	63	90.00	3
30	20X41A0434	9	90	3		0	0		0	0	10	50	1	5	100	3		0	0	2	20	0	1	10	0	18	90	3	5	100	3	21	30.00	0
31	20X41A0435	6	60	2	10	100	3	5	50	1	1	5	0	5	100	3	10	100	3	5	50	1	5	50	1	19	95	3	5	100	3	42	60.00	2
32	20X41A0437	8	80	3	4	40	1	4	40	1	11	55	2	5	100	3	5	50	1		0	0		0	0	19	95	3	5	100	3	49	70.00	3
33	20X41A0438	6	60	2	4	40	1	4	40	1	12	60	2	5	100	3	6	60	2	1	10	0		0	0	19	95	3	5	100	3	42	60.00	2
34	20X41A0439	2	20	0		0	0		0	0	3	15	0	5	100	3		0	0	4	40	1	2	20	0	19	95	3	5	100	3	42	60.00	2

Principal
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521108

35	20X41A0440	10	100	3	10	100	3	8	80	3	?	60	2	5	100	3	10	100	3	10	10	3	4	40	1	16	80	3	5	100	3	49	70.00	3
36	20X41A0442	10	100	3	10	100	3	6	60	2	17	85	3	5	100	3	10	100	3	10	100	3	5	50	1	18	90	3	5	100	3	63	90.00	3
37	20X41A0443	10	100	3	9	90	3	6	60	2	12	60	2	5	100	3	10	100	3	10	100	3	3	30	0	19	95	3	5	100	3	70	100.00	3
38	20X41A0444	10	100	3	6	60	2	4	40	1	18	90	3	5	100	3		0	0		0	0		0	0	20	100	3	5	100	3	42	60.00	2
39	20X41A0446	10	100	3	10	100	3	7	70	3	16	80	3	5	100	3	10	100	3	10	100	3	4	40	1	18	90	3	5	100	3	56	80.00	3
40	20X41A0447		0	0		0	0		0	0	6	30	0	5	100	3	1	10	0		0	0		0	0	16	80	3	5	100	3	35	50.00	1
41	20X41A0449	10	100	3	10	100	3	6	60	2	15	75	3	5	100	3	10	100	3	10	100	3	5	50	1	19	95	3	5	100	3	56	80.00	3
42	20X41A0450	10	100	3	10	100	3	5	50	1	15	75	3	5	100	3	10	100	3	6	60	2	3	30	0	10	50	1	5	100	3	42	60.00	2
43	20X41A0451	3	30	0		0	0		0	0	7	35	0	5	100	3	5	50	1	4	40	1	3	30	0	19	95	3	5	100	3	35	50.00	1
44	20X41A0452	8	80	3	6	60	2	4	40	1	2	10	0	5	100	3	10	100	3	5	50	1	5	50	1	18	90	3	5	100	3	21	30.00	0
45	20X41A0453	8	80	3		0	0		0	0	11	55	2	5	100	3	7	70	3		0	0		0	0	19	95	3	5	100	3	56	80.00	3
46	20X41A0454	10	100	3	10	100	3	8	80	3	18	90	3	5	100	3	10	100	3	8	80	3	8	80	3	15	75	3	5	100	3	56	80.00	3
47	20X41A0455	10	100	3	4	40	1		0	0	18	90	3	5	100	3	4	40	1	2	20	0		0	0	19	95	3	5	100	3	42	60.00	2
48	20X41A0456	10	100	3	5	50	1	7	70	3	8	40	1	5	100	3	2	20	0	5	50	1	1	10	0	5	25	0	5	100	3	49	70.00	3
49	20X41A0457	9	90	3	8	80	3	3	30	0	6	30	0	5	100	3	8	80	3	8	80	3	3	30	0	17	85	3	5	100	3	42	60.00	2
50	20X41A0458	10	100	3	10	100	3	4	40	1	16	80	3	5	100	3	5	50	1	5	50	1		0	0	20	100	3	5	100	3	42	60.00	2
51	20X41A0459	4	40	1	4	40	1		0	0	9	45	1	5	100	3	1	10	0	2	20	0		0	0	12	60	2	5	100	3	35	50.00	1
52	20X41A0460	10	100	3	4	40	1	4	40	1	5	25	0	5	100	3	10	100	3	8	80	3	3	30	0	11	55	2	5	100	3	42	60.00	2
53	20X41A0462	4	40	1	6	60	2	4	40	1	20	100	3	5	100	3	4	40	1	1	10	0	1	10	0	13	65	2	5	100	3	42	60.00	2
54	20X41A0463	10	100	3	10	100	3	5	50	1	20	100	3	5	100	3	1	10	0	4	40	1		0	0	16	80	3	5	100	3	49	70.00	3
55	20X41A0464	10	100	3	10	100	3	4	40	1	19	95	3	5	100	3	3	30	0	10	100	3		0	0	16	80	3	5	100	3	21	30.00	0
56	20X41A0465	10	100	3	7	70	3	5	50	1	20	100	3	5	100	3		0	0	3	30	0	4	40	1	11	55	2	5	100	3	42	60.00	2
57	20X41A0466	8	80	3	10	100	3	7	70	3	18	90	3	5	100	3	6	60	2	10	100	3		0	0	14	70	3	5	100	3	42	60.00	2
58	20X41A0467	8	80	3	9	90	3	3	30	0	20	100	3	5	100	3	4	40	1	4	40	1	1	10	0	17	85	3	5	100	3	42	60.00	2
59	20X41A0468	10	100	3	8	80	3	8	80	3	19	95	3	5	100	3		0	0	5	50	1		0	0	13	65	2	5	100	3	56	80.00	3
60	20X41A0469	7	70	3	5	50	1	3	30	0	19	95	3	5	100	3	1	10	0	2	20	0		0	0	10	50	1	5	100	3	21	30.00	0
61	20X41A0470	5	50	1	4	40	1	2	20	0	19	95	3	5	100	3	5	50	1	3	30	0		0	0	15	75	3	5	100	3	42	60.00	2
62	20X41A0471	10	100	3	7	70	3		0	0	20	100	3	5	100	3		0	0	5	50	1		0	0	13	65	2	5	100	3	35	50.00	1
63	20X41A0472	8	80	3	10	100	3	8	80	3	20	100	3	5	100	3	8	80	3	2	20	0		0	0	11	55	2	5	100	3	42	60.00	2
64	20X41A0473	9	90	3	5	50	1	5	50	1	19	95	3	5	100	3	5	50	1	5	50	1	3	30	0	7	35	0	5	100	3	56	80.00	3
65	20X41A0474	8	80	3	4	40	1	4	40	1	19	95	3	5	100	3	2	20	0		0	0		0	0	14	70	3	5	100	3	42	60.00	2
66	20X41A0475	9	90	3	2	20	0	5	50	1	19	95	3	5	100	3	2	20	0		0	0	2	20	0	10	50	1	5	100	3	35	50.00	1
67	20X41A0476	8	80	3	1	10	0	2	20	0	20	100	3	5	100	3	10	100	3	3	30	0		0	0	8	40	1	5	100	3	35	50.00	1
68	20X41A0477	10	100	3	10	100	3	7	70	3	19	95	3	5	100	3	10	100	3	7	70	3	6	60	2	14	70	3	5	100	3	70	100.00	3
69	20X41A0478	6	60	2	8	80	3	4	40	1	19	95	3	5	100	3		0	0		0	0		0	0	3	15	0	5	100	3	49	70.00	3
70	20X41A0479	5	50	1	2	20	0	2	20	0	20	100	3	5	100	3		0	0	1	10	0		0	0	8	40	1	5	100	3	21	30.00	0
71	20X41A0480	10	100	3	9	90	3	9	90	3	19	95	3	5	100	3	8	80	3	5	50	1	3	30	0	14	70	3	5	100	3	70	100.00	3
72	20X41A0481	10	100	3	5	50	1	8	80	3	13	65	2	5	100	3	1	10	0	5	50	1	3	30	0	10	50	1	5	100	3	42	60.00	2
73	20X41A0482	8	80	3	10	100	3	5	50	1	18	90	3	5	100	3	2	20	0	5	50	1	3	30	0	12	60	2	5	100	3	49	70.00	3
74	20X41A0483	8	80	3	7	70	3	8	80	3	19	95	3	5	100	3	1	10	0	4	40	1		0	0	11	55	2	5	100	3	49	70.00	3
75	20X41A0484	8	80	3	4	40	1		0	0	18	90	3	5	100	3	2	20	0	5	50	1		0	0	11	55							
76	20X41A0485	10	100	3	10	100	3	6	60	2	20	100	3	5	100	3	5	50	1	3	30	0		0	0	13	65							


 SRK INSTITUTE OF TECHNOLOGY
 ENIKEPADU, VIJAYAWADA-521 108.

77	20X41A0486	8	80	3	7	70	3	2	20	0	19	95	3	5	100	3	0	0	0	0	0	0	0	0	0	5	100	3	42	60.00	2			
78	20X41A0487	8	80	3	4	40	1	4	40	1	19	95	3	5	100	3	1	10	0	0	0	0	11	55	2	5	100	3	35	50.00	1			
79	20X41A0488	8	80	3	10	100	3	4	40	1	20	100	3	5	100	3	4	40	1	3	30	0	2	20	0	12	60	2	5	100	3	42	60.00	2
80	20X41A0489	6	60	2	4	40	1	3	30	0	19	95	3	5	100	3	8	80	3	5	50	1	0	0	18	90	3	5	100	3	21	30.00	0	
81	20X41A0491	5	50	1	10	100	3	5	50	1	20	100	3	5	100	3	3	30	0	0	0	0	0	0	11	55	2	5	100	3	42	60.00	2	
82	20X41A0492	7	70	3	10	100	3	6	60	2	15	75	3	5	100	3	2	20	0	2	20	0	0	0	15	75	3	5	100	3	35	50.00	1	
83	20X41A0493	5	50	1	5	50	1	5	50	1	17	85	3	5	100	3	4	40	1	3	30	0	2	20	0	12	60	2	5	100	3	42	60.00	2
84	20X41A0495	9	90	3	7	70	3	7	70	3	18	90	3	5	100	3	10	100	3	8	80	3	6	60	2	12	60	2	5	100	3	42	60.00	2
85	20X41A0496	7	70	3	5	50	1	5	50	1	17	85	3	5	100	3	7	70	3	4	40	1	4	40	1	14	70	3	5	100	3	42	60.00	2
86	20X41A0497	10	100	3	4	40	1	3	30	0	20	100	3	5	100	3	5	50	1	5	50	1	2	20	0	18	90	3	5	100	3	42	60.00	2
87	20X41A0498	8	80	3	7	70	3	0	0	0	20	100	3	5	100	3	8	80	3	7	70	3	2	20	0	12	60	2	5	100	3	56	80.00	3
88	20X41A04A0	10	100	3	8	80	3	5	50	1	18	90	3	5	100	3	10	100	3	5	50	1	5	50	1	10	50	1	5	100	3	42	60.00	2
89	20X41A04A1	10	100	3	9	90	3	5	50	1	20	100	3	5	100	3	4	40	1	8	80	3	0	0	16	80	3	5	100	3	42	60.00	2	
90	20X41A04A2	8	80	3	1	10	0	5	50	1	18	90	3	5	100	3	0	0	2	20	0	0	0	0	14	70	3	5	100	3	21	30.00	0	
91	20X41A04A3	10	100	3	10	100	3	7	70	3	16	80	3	5	100	3	5	50	1	10	100	3	0	0	11	55	2	5	100	3	70	100.00	3	
92	20X41A04A4	10	100	3	6	60	2	6	60	2	20	100	3	5	100	3	5	50	1	8	80	3	0	0	13	65	2	5	100	3	42	60.00	2	
93	20X41A04A5	10	100	3	10	100	3	9	90	3	17	85	3	5	100	3	10	100	3	10	100	3	8	80	3	17	85	3	5	100	3	63	90.00	3
94	20X41A04A6	10	100	3	10	100	3	6	60	2	16	80	3	5	100	3	9	90	3	5	50	1	5	50	1	12	60	2	5	100	3	49	70.00	3
95	20X41A04A7	9	90	3	8	80	3	6	60	2	19	95	3	5	100	3	10	100	3	6	60	2	3	30	0	12	60	2	5	100	3	63	90.00	3
96	20X41A04A8	9	90	3	10	100	3	7	70	3	17	85	3	5	100	3	2	20	0	5	50	1	0	0	10	50	1	5	100	3	49	70.00	3	
97	20X41A04A9	9	90	3	10	100	3	5	50	1	20	100	3	5	100	3	8	80	3	9	90	3	0	0	4	20	0	5	100	3	42	60.00	2	
98	20X41A04B1	8	80	3	8	80	3	0	0	0	18	90	3	5	100	3	9	90	3	4	40	1	0	0	3	15	0	5	100	3	21	30.00	0	
99	20X41A04B2	10	100	3	10	100	3	8	80	3	19	95	3	5	100	3	10	100	3	10	100	3	8	80	3	14	70	3	5	100	3	70	100.00	3
100	21X45A0401	10	100	3	10	100	3	6	60	2	9	45	1	5	100	3	10	100	3	0	0	4	40	1	17	85	3	5	100	3	63	90.00	3	
101	21X45A0402	9	90	3	7	70	3	4	40	1	8	40	1	5	100	3	8	80	3	5	50	1	4	40	1	18	90	3	5	100	3	49	70.00	3
102	21X45A0403	9	90	3	9	90	3	4	40	1	8	40	1	5	100	3	9	90	3	8	80	3	6	60	2	20	100	3	5	100	3	42	60.00	2
103	21X45A0404	10	100	3	10	100	3	4	40	1	17	85	3	5	100	3	8	80	3	10	100	3	0	0	18	90	3	5	100	3	42	60.00	2	
104	21X45A0405	10	100	3	10	100	3	5	50	1	19	95	3	5	100	3	9	90	3	8	80	3	0	0	19	95	3	5	100	3	56	80.00	3	
105	21X45A0406	8	80	3	8	80	3	4	40	1	16	80	3	5	100	3	1	10	0	1	10	0	0	0	20	100	3	5	100	3	42	60.00	2	
106	21X45A0407	10	100	3	10	100	3	4	40	1	16	80	3	5	100	3	5	50	1	6	60	2	4	40	1	18	90	3	5	100	3	21	30.00	0
107	21X45A0408	6	60	2	10	100	3	4	40	1	18	90	3	5	100	3	6	60	2	6	60	2	4	40	1	18	90	3	5	100	3	21	30.00	0
108	21X45A0409	9	90	3	10	100	3	6	60	2	19	95	3	5	100	3	4	40	1	2	20	0	3	30	0	20	100	3	5	100	3	21	30.00	0
109	21X45A0410	10	100	3	10	100	3	5	50	1	20	100	3	5	100	3	5	50	1	7	70	3	0	0	7	35	0	5	100	3	56	80.00	3	
110	21X45A0411	8	80	3	10	100	3	4	40	1	20	100	3	5	100	3	0	0	6	60	2	4	40	1	16	80	3	5	100	3	42	60.00	2	
111	21X45A0412	6	60	2	10	100	3	4	40	1	20	100	3	5	100	3	0	0	7	70	3	4	40	1	0	0	5	100	3	21	30.00	0		
112	21X45A0413	8	80	3	10	100	3	5	50	1	19	95	3	5	100	3	9	90	3	3	30	0	4	40	1	13	65	2	5	100	3	42	60.00	2
113	21X45A0414	6	60	2	10	100	3	6	60	2	19	95	3	5	100	3	9	90	3	5	50	1	0	0	8	40	1	5	100	3	49	70.00	3	
114	21X45A0415	6	60	2	10	100	3	6	60	2	20	100	3	5	100	3	8	80	3	8	80	3	4	40	1	11	55	2	5	100	3	49	70.00	3
115	21X45A0416	10	100	3	10	100	3	5	50	1	14	70	3	5	100	3	0	0	2	20	0	2	20	0	11	55	2	5	100	3	42	60.00	2	
116	21X45A0417	9	90	3	10	100	3	3	30	0	19	95	3	5	100	3	4	40	1	3	30	0	3	30	0	10	50	1	5	100	3	42	60.00	2
117	21X45A0418	5	50	1	10	100	3	3	30	0	17	85	3	5	100	3	5	50	1	2	20	0	0	0	12	60	2	5	100	3	42	60.00	2	
118	21X45A0419	8	80	3	8	80	3	4	40	1	20	100	3	5	100	3	5	50	1	5	50	1	2	20	0	13	65	2	5	100	3	42	60.00	2
119	21X45A0420	8	80	3	10	100	3	5	50	1	16	80	3	5	100	3	9	90	3	6	60	2	5	50	1	12	60	2	5	100	3	42	60.00	2

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADAU, VIJAYAWADA-521

120	21X45A0421	7	70	3	10	100	3	4	40	1	100	3	5	100	3	9	90	3	5	50	1	5	50	1	8	40	1	5	100	3	49	70.00	3	
121	21X45A0422	9	90	3	6	60	2	5	50	1	20	100	3	5	100	3	5	50	1	0	0	0	0	14	70	3	5	100	3	42	60.00	2		
122	21X45A0423	4	40	1	3	30	0	2	20	0	19	95	3	5	100	3	4	40	1	4	40	1	9	90	3	16	80	3	5	100	3	21	30.00	0
123	21X45A0424	2	20	0	0	0	0	0	0	0	17	85	3	5	100	3	0	0	0	0	0	0	0	0	0	0	0	5	100	3	21	30.00	0	
AVERAGE		7.96	77.6	2.5	7.76	72.5	2.24	4.9	41.5	1.11	14.97	74.8	2.35	5	100	3	6.4	52.7	1.53	5.33	46.3	1.2	1	21.8	0.42	14.7	70.6	2.32	5	100	3	41.9	60	1.85
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)		
CO WISE SUM		2.5			2.24			1.32			2.35			3			1.32			1.2			0.42			2.32			3			1.85		

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	2.5	2.35	3	1.85	2.06	99.67	2.99	2.25	65	75.00
CO2	2.24	2.35	3	1.85	2.02	99.17	2.98	2.21	65	73.67
CO3	1.32	2.34	3	1.85	1.88	99.50	2.99	2.1	65	70.00
CO4	1.2	2.32	3	1.85	1.86	99.50	2.99	2.09	65	69.67
CO5	0.42	2.32	3	1.85	1.74	99.33	2.98	1.99	65	66.33

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject PP

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	2	2	2	2	2							2		2		2.25
CO2	2	3	3	3	2							2		3		2.21
CO3	2	3	3	3	2							2		2		2.1
CO4	2	2	3	3	2							2		3		2.09
CO5	2	3	3	3	3							2		2		1.99

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
21.28	27.58	29.67	29.67	23.27							21.28		25.58	
2.13	2.12	2.12	2.12	2.12							2.13		2.4	

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKĒ. DU, VIJAYAWADA -521108
 Approved by AICTE, Affiliated to JNTUK, Kakinada
 ISO 9001:2015 Certified Institution
 Accredited with NAAC 'A' grade
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

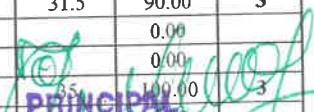
CALCULATION OF LEVEL OF ATTAINMENT FOR COs, POs and PSOs

BRANCH: ECE	YEAR-SEM: III-II	NAME OF LAB: MPMC	FACULTY NAME: Dr.D.S.P.Kishore/N.Rama Priya
-------------	------------------	-------------------	---

S.NO.	ROLL NO.	INTERNAL															EXTERNAL													
		OBSERVATION RECORD						CO 1			CO 2			CO 3			CO 1			CO 2			CO 3							
		Daywise Performance						M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L					
1	20X41A0401	5	100	3	4	80	3		0.00			2	40.00	1		0.00			28	80.00	3		0				0.00			
2	20X41A0402	5	100	3	4	80	3	3	60.00	2			0.00		0.00				28	80.00	3		0				0.00			
3	20X41A0403	3	60	2	4	80	3	2	40.00	1			0.00		0.00					0.00			31.5	90	3			0.00		
4	20X41A0404	5	100	3	4	80	3	2	40.00	1			0.00		0.00					0.00			35	100	3			0.00		
5	20X41A0405	5	100	3	5	100	3	5	100.00	3					0.00				35	100.00	3		0				0.00			
6	20X41A0406	5	100	3	5	100	3	5	100.00	3			0		0.00					0.00				0		35	100.00	3		
7	20X41A0407	5	100	3	5	100	3		0.00			5	100.00	3					31.5	90.00	3		0				0.00			
8	20X41A0408	5	100	3	5	100	3	4	80.00	3				0.00		0.00			35	100.00	3		0				0.00			
9	20X41A0409	5	100	3	5	100	3	5	100.00	3				0.00		0.00				0.00			31.5	90	3			0.00		
10	20X41A0410	5	100	3	4	80	3		0.00				0.00		2	40.00	1			0.00			31.5	90	3			0.00		
11	20X41A0412	5	100	3	3	60	2		0.00			3	60.00	2			0.00			0.00				0		31	88.57	3		
12	20X41A0413	5	100	3	4	80	3	4	80.00	3				0.00		0.00			31.5	90.00	3		0				0.00			
13	20X41A0415	4	80	3	4	80	3	2	40.00	1				0.00		0.00			28	80.00	3		0				0.00			
14	20X41A0416	5	80	3	5	80	3		0.00			5	100.00	3			0.00			0.00			31.5	90	3			0.00		
15	20X41A0417	5	100	3	5	100	3		0.00			3	60.00	2			0.00		31.5	90.00	3		0				0.00			
16	20X41A0418	5	100	3	5	100	3		0.00			5	100.00	3			0.00		31.5	90.00	3		0				0.00			
17	20X41A0419	5	100	3	5	100	3	4	80.00	3				0.00		0.00				0.00			31.5	90	3			0.00		
18	20X41A0420	4	100	3	5	100	3		0.00			5	100.00	3			0.00			0.00			31.5	90	3			0.00		
19	20X41A0421	5	80	3	5	100	3		0.00				0.00		5	100.00	3		31.5	90.00	3		0				0.00			
20	20X41A0422	4	100	3	5	100	3	3	60.00	2				0.00		0.00			31.5	90.00	3		0				0.00			
21	20X41A0423	4	80	3	4	100	3		0.00			2	40.00	1			0.00			0.00				0		31.5	90.00	3		
22	20X41A0424	4	80	3	4	80	3		0.00				0.00			0.00				0.00			31.5	90	3			0.00		
23	20X41A0425	5	80	3	5	80	3	5	100.00	3				0.00		2	40.00	1		24.5	70.00	3		0				0.00		
24	20X41A0427	3	100	3	4	100	3		0.00				0.00			0.00				0.00				0				0.00		
25	20X41A0428	5	60	2	4	80	3		0.00			2	40.00	1			0.00		28	80.00	3		0			31.5	90.00	3		
26	20X41A0429	5	100	3	5	80	3		0.00			4	80.00	3			0.00			0.00			31.5	90	3			0.00		
27	20X41A0431	5	100	3	5	100	3	3	60.00	2				0.00			0.00		31.5	90.00	3		0				0.00			
28	20X41A0432	5	100	3	5	100	3	2	40.00	1				0.00			0.00			0.00			31.5	90	3			0.00		
29	20X41A0433	5	100	3	5	100	3		0.00				0.00		4	80.00	3			0.00				0				0.00		
30	20X41A0434	4	100	3	4	100	3		0.00			2	40.00	1			0.00		31.5	90.00	3		0				0.00			
31	20X41A0435	5	80	3	4	80	3	5	100.00	3				0.00			0.00		28	80.00	3		0				0.00			
32	20X41A0437	4	100	3	4	80	3	2	40.00	1				0.00			0.00		24.5	70.00	3		0				0.00			
33	20X41A0438	4	80	3	3	80	3	2	40.00	1				0.00			0.00			0.00			28	80	3			0.00		
34	20X41A0439	5	80	3	3	60	2	2	40.00	1				0.00			0.00			0.00				0				0.00		
35	20X41A0440	5	100	3	5	60	2		0.00			5	100.00	3			0.00			0.00			35	100						
36	20X41A0442	5	100	3	5	100	3		0.00			5	100.00	3			0.00			0.00			35	100						
37	20X41A0443	5	100	3	5	100	3		0.00			5	100.00	3			0.00			0.00			35	100						

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521108.

38	20X41A0444	4	100	3	4	100	3		0.00			0.00	2	40.00	1	31.5	90.00	3		0				0.00	
39	20X41A0446	5	80	3	5	80	3		0.00		5	100.00	3	0.00			0.00		35	100	3			0.00	
40	20X41A0447	3	100	3	3	100	3	2	40.00	1		0.00		0.00			0.00		28	80	3			0.00	
41	20X41A0449	5	60	2	5	60	2		0.00			0.00	5	100.00	3		0.00		35	100	3			0.00	
42	20X41A0450	5	100	3	5	100	3	5	100.00	3		0.00		0.00		35	100.00	3		0				0.00	
43	20X41A0451	4	100	3	4	100	3	3	60.00	2		0.00		0.00			0.00		31.5	90	3			0.00	
44	20X41A0452	5	80	3	3	80	3		0.00		2	40.00	1	0.00		28	80.00	3		0				0.00	
45	20X41A0453	3	100	3	4	60	2		0.00		2	40.00	1	0.00			0.00		24.5	70	3			0.00	
46	20X41A0454	5	60	2	5	80	3	5	100.00	3		0.00		0.00		35	100.00	3		0				0.00	
47	20X41A0455	5	100	3	5	100	3		0.00		2	40.00	1	0.00		31.5	90.00	3		0				0.00	
48	20X41A0456	5	100	3	5	100	3		0.00		3	60.00	2	0.00		31.5	90.00	3		0				0.00	
49	20X41A0457	5	100	3	5	100	3	2	40.00	1		0.00		0.00		31.5	90.00	3		0			31.5	90.00	3
50	20X41A0458	5	100	3	5	100	3		0.00		4	80.00	3	0.00			0.00			0			28	80.00	3
51	20X41A0459	4	100	3	5	100	3		0.00			0.00	2	40.00	1		0.00			0				0.00	
52	20X41A0460	5	80	3	5	100	3	3	60.00	2		0.00		0.00			0.00		35	100	3			0.00	
53	20X41A0462	5	100	3	5	100	3	5	100.00	3		0		0.00			0.00			0				0.00	
54	20X41A0463	5	100	3	4	80	3	4	80.00	3		0		0.00			0.00		31.5	90	3			0.00	
55	20X41A0464	5	100	3	5	100	3	5	100.00	3		0		0.00		35	100.00	3		0				0.00	
56	20X41A0465	4	80	3	5	100	3		0.00		4	80.00	3	0.00			0.00		35	100	3			0.00	
57	20X41A0466	5	100	3	5	100	3	3	60.00	2		0.00		0.00		31.5	90.00	3		0				0.00	
58	20X41A0467	5	100	3	5	100	3		0.00			0.00	5	100.00	3	35	100.00	3		0				0.00	
59	20X41A0468	5	100	3	5	100	3		0.00			0.00	5	100.00	3		0.00		35	100	3			0.00	
60	20X41A0469	5	100	3	4	80	3		0.00		4	80.00	3	0.00			0.00			0			31.5	90.00	3
61	20X41A0470	4	80	3	5	100	3	3	60.00	2		0.00		0.00			0.00			0			28	80	3
62	20X41A0471	4	80	3	5	100	3		0.00		4	80.00	3	0.00		31.5	90.00	3		0				0.00	
63	20X41A0472	5	100	3	5	100	3	5	100.00	3		0.00		0.00		35	100.00	3		0				0.00	
64	20X41A0473	4	80	3	5	100	3		0.00			0.00	4	80.00	3		0.00		31.5	90.00	3			0.00	
65	20X41A0474	4	80	3	5	100	3		0.00		4	80.00	3	0.00		31.5	90.00	3		0				0.00	
66	20X41A0475	4	80	3	5	100	3	5	100.00	3		0.00		0.00			0.00			0			31.5	90	3
67	20X41A0476	4	80	3	5	100	3	4	80.00	3		0.00		0.00			0.00			0				0.00	
68	20X41A0477	5	100	3	5	100	3	4	80.00	3		0.00		0.00		35	100.00	3		0				0.00	
69	20X41A0478	5	100	3	5	100	3		0.00			0.00	4	80.00	3	31.5	90.00	3		0				0.00	
70	20X41A0479	4	80	3	5	100	3		0.00			0.00	4	80.00	3		0.00		31.5	90	3			0.00	
71	20X41A0480	5	100	3	5	100	3	5	100.00	3		0.00		0.00		35	100.00	3		0				0.00	
72	20X41A0481	5	100	3	5	100	3	5	100.00	3		0.00		0.00			0.00			0			35	100.00	3
73	20X41A0482	5	100	3	5	100	3		0.00		4	80.00	3	0.00			0.00			0				0.00	
74	20X41A0483	4	80	3	5	100	3		0.00			0.00		0.00			0.00		28	80	3			0.00	
75	20X41A0484	5	100	3	5	100	3	4	80.00	3		0		0.00		31.5	90.00	3		0			35	100.00	3
76	20X41A0485	5	100	3	5	100	3	5	100.00	3		0.00		0.00			0.00			0				0.00	
77	20X41A0486	4	80	3	5	100	3	4	80.00	3		0.00		0.00			0.00		31.5	90	3			0.00	
78	20X41A0487	4	80	3	5	100	3		0.00		4	80.00	3	0.00		31.5	90.00	3		0				0.00	
79	20X41A0488	5	100	3	5	100	3		0.00			0.00	5	100.00	3		0.00			0			35	100.00	3
80	20X41A0489	5	100	3	5	100	3	5	100.00	3		0.00		0.00			0.00		35	100	3			0.00	
81	20X41A0491	4	80	3	5	100	3		0.00		4	80.00	3	0.00			0.00			0			31.5	90.00	3
82	20X41A0492	5	100	3	5	100	3	5	100.00	3		0.00		0.00		35	100.00	3		0				0.00	
83	20X41A0493	5	100	3	5	100	3	5	100.00	3		0.00		0.00		35	100.00	3		0				0.00	
84	20X41A0495	5	100	3	5	100	3		0.00		5	100.00	3	0.00			0.00			0				0.00	
85	20X41A0496	5	100	3	5	100	3	4	80.00	3		0.00		0.00			0.00		35	100	3			0.00	
86	20X41A0497	4	80	3	5	100	3	4	80.00	3		0.00		0.00		31.5	90.00	3		0				0.00	
87	20X41A0498	4	80	3	5	100	3		0.00		4	80.00	3	0.00			0.00		35	100	3			0.00	


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

88	20X41A04A0	5	100	3	5	100	3	100.00	3	0.00	5	100.00	3	35	100.00	3	0	0.00			0.00				
89	20X41A04A1	5	100	3	5	100	3	0.00		0.00		0.00		35	100.00	3	0	0.00			0.00				
90	20X41A04A2	4	80	3	4	80	3	80.00	3	0.00		0.00			0.00		35	100	3		0.00				
91	20X41A04A3	5	100	3	5	100	3	100.00	3	0.00		0.00			0.00			0		31.5	90.00	3			
92	20X41A04A4	4	80	3	5	100	3	80.00	3	0.00		0.00		35	100.00	3	0				0.00				
93	20X41A04A5	5	100	3	5	100	3	100.00	3	0.00	5	100.00	3		0.00		35	100	3		0.00				
94	20X41A04A6	4	80	3	5	100	3	0.00		0.00		0.00			0.00		35	100	3		0.00				
95	20X41A04A7	4	80	3	5	100	3	0.00		0.00	5	100.00	3		0.00			0		31.5	90.00	3			
96	20X41A04A8	4	80	3	5	100	3	0.00		0.00	5	100.00	3		0.00			0			0.00				
97	20X41A04A9	5	100	3	5	100	3	0.00		0.00		0.00		31.5	90.00	3	0				0.00				
98	20X41A04B1	4	80	3	4	80	3	0.00		0.00	3	60.00	2		0.00		28	80.00	3	0		0.00			
99	20X41A04B2	5	100	3	5	100	3	100.00	3	0.00		0.00		35	100.00	3	0				0.00				
100	21X45A0401	5	100	3	5	100	3	0.00		0.00	5	100.00	3		0.00			0		35	100.00	3			
101	21X45A0402	5	100	3	5	100	3	0.00		0.00	5	100.00	3		0.00			0		31.5	90	3			
102	21X45A0403	5	100	3	5	100	3	60.00	2	0.00		0.00			0.00			0		35	100	3			
103	21X45A0404	5	100	3	5	100	3	100.00	3	0.00		0.00			0.00			0			0.00				
104	21X45A0405	5	100	3	5	100	3	40.00	1	0.00		0.00		31.5	90.00	3	0				0.00				
105	21X45A0406	5	100	3	5	100	3	0.00		0.00	4	80.00	3		0.00		35	100.00	3	0		0.00			
106	21X45A0407	5	100	3	5	100	3	80.00	3	0.00		0.00			0.00			0		31.5	90	3			
107	21X45A0408	5	100	3	5	100	3	60.00	2	0.00		0.00		31.5	90.00	3	0				0.00				
108	21X45A0409	5	100	3	5	100	3	40.00	1	0.00		0.00		31.5	90.00	3	0				0.00				
109	21X45A0410	5	100	3	5	100	3	0.00		0.00	5	100.00	3	35	100.00	3	0				0.00				
110	21X45A0411	4	80	3	4	80	3	0.00		0.00	4	80.00	3		0.00		28	80	3		0.00				
111	21X45A0412	4	80	3	4	80	3	60.00	2	0.00		0.00		31.5	90.00	3	0				0.00				
112	21X45A0413	5	100	3	5	100	3	0.00		0.00	4	80.00	3		0.00			0			0.00				
113	21X45A0414	5	100	3	5	100	3	0.00		0.00	5	100.00	3		0.00			0		31.5	90	3			
114	21X45A0415	4	80	3	4	80	3	100.00	3	0.00		0.00			0.00			0		31.5	90.00	3			
115	21X45A0416	4	80	3	4	80	3	0.00		0.00	5	100.00	3		0.00		35	100	3		0.00				
116	21X45A0417	5	100	3	5	100	3	80.00	3	0.00		0.00		31.5	90.00	3	0				0.00				
117	21X45A0418	4	80	3	5	100	3	0.00		0.00	4	80.00	3	31.5	90.00	3	0				0.00				
118	21X45A0419	4	80	3	4	80	3	60.00	2	0.00		0.00		28	80.00	3	0				0.00				
119	21X45A0420	4	80	3	5	100	3	0.00		0.00	5	100.00	3		0.00			0		31.5	90	3			
120	21X45A0421	4	80	3	5	100	3	100.00	3	0.00		0.00			0.00			0			0.00				
121	21X45A0422	5	100	3	4	80	3	0.00		0.00	5	100.00	3	35	100.00	3	0				0.00				
122	21X45A0423	4	80	3	4	80	3	80.00	3	0.00		0.00		31.5	90.00	3	0				0.00				
123	21X45A0424	2	40	1	4	80	3	60.00	2	0.00		0.00		24.5	70.00	3	0				0.00				
AVERAGE		4.6	91.5	3	4.7	93.5	3	3.8	38.7	2.5	3.9	26.8	2.5	4.1	11.9	2.6	31.7	45	3	32.5	33.2	3	32.6	13.6	3
CO		CO1-CO3			CO1-CO3			CO 1			CO 2			CO 3			CO 1			CO 2			CO 3		
CO WISE PERCENTAGE		3			3			2.5			2.5			2.6			3			3			3		

(Handwritten Signature)

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

CO ATTAINMENT	DAYWISE PERFORMANCE		INTERNAL EXAM	INTERNAL MARKS LEVEL	EXTERNAL MARKS LEVEL	DIRECT ATTAINMENT	INDIRECT ATTAINMENT %	INDIRECT ATTAINMENT	FINAL ATTAINMENT LEVELS	EXPECTED LEVEL of ATTAINMENTS %	ATTAINMENT %
CO1	3	3	2.5	2.75	3.00	2.93	99.35	2.98	2.94	70	98.00
CO2	3	3	2.5	2.75	3.00	2.93	98.54	2.96	2.94	70	98.00
CO3	3	3	2.6	2.8	3	2.94	99.67	2.99	2.95	70	98.33

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for MPMC LAB

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	ATTAINMENT
CO1	2	1	1	3	2			2		2	2			2	3	2.94
CO2	2	1	1	3	2			2		2	2			2	3	2.94
CO3	3				3			2			2	1		2	3	2.95

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
20.61	5.88	5.88	17.64	20.61			17.66		11.76	17.66	2.95		17.66	26.49
2.94	2.94	2.94	2.94	2.94			2.94		2.94	2.94	2.95		2.94	2.94



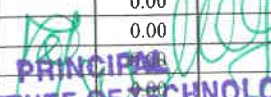
PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



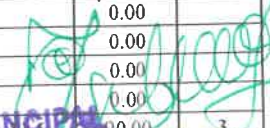
SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108
 Approved by AICTE, Affiliated to JNTUK, Kakinada
 ISO 9001:2015 Certified Institution
 Accredited with NAAC 'A' grade
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

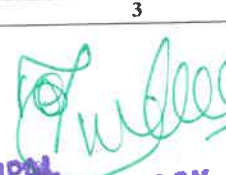
BRANCH: ECE		YEAR-SEM: III-II						NAME OF LAB: VLSID									FACULTY NAME: Dr.D.Ravi Teja / S.L.V.S.Jyothi														
A.Y:2022-23		INTERNAL																								EXTERNAL					
S.NO.	ROLL NO.	OBSERVATION RECORD						CO 1			CO 2			CO 3			CO 1			CO 2			CO 3								
		Daywise Performance						M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L						
		M	%	L	M	%	L																								
1	20X41A0401	5	100	3	5	100	3	3	60.00	2		0.00			0.00			31.5	90.00	3		0			31.5	90.00	3				
2	20X41A0402	5	100	3	5	100	3		0.00		3	60.00	2		0.00			31.5	90.00	3		0				0.00	3				
3	20X41A0403	5	100	3	5	100	3	2.5	50.00	1		0.00			0.00			31.5	90.00	3		0				0.00					
4	20X41A0404	5	100	3	5	100	3	4	80.00	3		0.00			0.00			35	100.00	3		0	3			0.00					
5	20X41A0405	5	100	3	5	100	3	5	100.00	3		0.00			0.00			35	100.00	3		0				0.00					
6	20X41A0406	5	100	3	5	100	3		0.00		5	100	3		0.00				0.00			0			35	100.00	3				
7	20X41A0407	5	100	3	5	100	3		0.00		5	100.00	3		0.00				0.00			0				0.00					
8	20X41A0408	5	100	3	5	100	3		0.00			0.00		4	80.00	3		35	100.00	3		0				0.00					
9	20X41A0409	5	100	3	5	100	3	3.5	70.00	3		0.00			0.00			35	100.00	3		0				0.00					
10	20X41A0410	5	100	3	5	100	3	3	60.00	2		0.00			0.00			31.5	90.00	3		0				0.00					
11	20X41A0412	5	100	3	5	100	3	4.5	90.00	3		0.00			0.00			35	100.00	3		0				0.00					
12	20X41A0413	5	100	3	5	100	3	5	100.00	3		0.00			0.00			31.5	90.00	3		0				0.00					
13	20X41A0415	5	100	3	5	100	3		0.00		4	80.00	3		0.00				0.00		35	100	3			0.00					
14	20X41A0416	5	100	3	5	100	3	4	80.00	3		0.00			0.00			35	100.00	3		0				0.00					
15	20X41A0417	5	100	3	5	100	3	5	100.00	3		0.00			0.00			35	100.00	3		0			31.5	90.00	3				
16	20X41A0418	5	100	3	5	100	3	3.5	70.00	3		0.00			0.00				0.00			0				0.00					
17	20X41A0419	5	100	3	5	100	3	5	100.00	3		0.00			0.00			35	100.00	3		0				0.00					
18	20X41A0420	5	100	3	5	100	3	5	100.00	3		0.00			0.00			35	100.00	3		0				0.00					
19	20X41A0421	5	100	3	5	100	3		0.00		5	100.00	3		0.00				0.00			0			35	100.00	3				
20	20X41A0422	5	100	3	5	100	3	3.5	70.00	3		0.00			0.00				0.00			0				0.00					
21	20X41A0423	5	100	3	5	100	3		0.00		4	80.00	3		0.00			31.5	90.00	3		0				0.00					
22	20X41A0424	5	100	3	5	100	3	3.5	70.00	3		0.00			0.00			31.5	90.00	3		0				0.00					
23	20X41A0425	5	100	3	5	100	3	3.5	70.00	3		0.00			0.00			31.5	90.00	3		0				0.00					
24	20X41A0427	5	100	3	5	100	3	3	60.00	2		0.00			0.00				0.00		28	80	3			0.00					
25	20X41A0428	5	100	3	5	100	3	3	60.00	2		0.00			0.00			31.5	90.00	3		0				0.00					
26	20X41A0429	5	100	3	5	100	3		0.00			0.00		3.5	70.00	3		35	100.00	3		0			31.5	90.00	3				
27	20X41A0431	5	100	3	5	100	3		0.00		3	60.00	2		0.00				0.00			0			31.5	90.00	3				
28	20X41A0432	5	100	3	5	100	3		0.00			0.00		3	60.00	2		31.5	90.00	3		0				0.00					
29	20X41A0433	5	100	3	5	100	3	4.5	90.00	3		0.00			0.00			31.5	90.00	3		0				0.00					
30	20X41A0434	5	100	3	5	100	3	3	60.00	2		0.00			0.00			31.5	90.00	3		0			31.5	90.00	3				
31	20X41A0435	5	100	3	5	100	3	3.5	70.00	3		0.00			0.00				0.00			0				0.00					
32	20X41A0437	5	100	3	5	100	3		0.00		3	60.00	2		0.00			28	80.00	3		0				0.00					
33	20X41A0438	5	100	3	5	100	3	3	60.00	2		0.00			0.00			31.5	90.00	3		0				0.00					
34	20X41A0439	5	100	3	5	100	3		0.00			0.00			0.00	3		31.5	90.00	3		0				0.00					
35	20X41A0440	5	100	3	5	100	3	3.5	70.00	3		0.00			0.00			35	100.00	3		0				0.00					
36	20X41A0442	5	100	3	5	100	3	3	60.00	2		0.00			0.00			31.5	90.00	3		0				0.00					
37	20X41A0443	5	100	3	5	100	3	5	100.00	3		0.00			0.00				0.00		35					0.00					


PRINCIPAL
 SRK INSTITUTE OF TECHNOLOGY
 ENIKEPADU, VIJAYAWADA-521108

38	20X41A0444	5	100	3	5	100	3		100.00	3		0.00		0.00		35	100.00	3		0			0.00			
39	20X41A0446	5	100	3	5	100	3	5	100.00	3		0.00		0.00		35	100.00	3		0			0.00			
40	20X41A0447	5	100	3	5	100	3		0.00		3	60.00	2	0.00			0.00		31.5	90	3			0.00		
41	20X41A0449	5	100	3	5	100	3	3.5	70.00	3		0.00		0.00		35	100.00	3		0			0.00			
42	20X41A0450	5	100	3	5	100	3	5	100.00	3		0.00		0.00		35	100.00	3		0		28	80.00	3		
43	20X41A0451	5	100	3	5	100	3	3	60.00	2		0.00		0.00			0.00			0			0.00			
44	20X41A0452	5	100	3	5	100	3	3.5	70.00	3		0.00		0.00		31.5	90.00	3		0		31.5	90.00	3		
45	20X41A0453	5	100	3	5	100	3		0.00		3	60.00	2	0.00			0.00			0			0.00			
46	20X41A0454	5	100	3	5	100	3	5	100.00	3		0.00		0.00		35	100.00	3		0			0.00			
47	20X41A0455	5	100	3	5	100	3	4.5	90.00	3		0.00		0.00		35	100.00	3		0			0.00			
48	20X41A0456	5	100	3	5	100	3	5	100.00	3		0.00		0.00		31.5	90.00	3		0			0.00			
49	20X41A0457	5	100	3	5	100	3		0.00		3	60.00	2	0.00			0.00		31.5	90	3			0.00		
50	20X41A0458	5	100	3	5	100	3	5	100.00	3		0.00		0.00		31.5	90.00	3		0			0.00			
51	20X41A0459	3	100	3	3	100	3		0.00			0.00		3.5	70.00	3	28	80.00	3		0			0.00		
52	20X41A0460	5	60	2	5	60	2	3.5	70.00	3		0.00		0.00		31.5	90.00	3		0			0.00			
53	20X41A0462	5	100	3	5	100	3	4	80.00	3		0		0.00		31.5	90.00	3		0			0.00			
54	20X41A0463	5	100	3	5	100	3	4	80.00	3		0		0.00		31.5	90.00	3		0			0.00			
55	20X41A0464	5	100	3	5	100	3	5	100.00	3		0		0.00			0.00		35	100	3			0.00		
56	20X41A0465	5	100	3	5	100	3	2	40.00	1		0.00		0.00		28	80.00	3		0		35	100.00	3		
57	20X41A0466	5	100	3	5	100	3		0.00		5	100.00	3	0.00			0.00			0			0.00			
58	20X41A0467	5	100	3	5	100	3		0.00			0.00		4	80.00	3	31.5	90.00	3		0			0.00		
59	20X41A0468	5	100	3	5	100	3		0.00		5	100.00	3	0.00		35	100.00	3		0			0.00			
60	20X41A0469	5	100	3	5	100	3		0.00			0.00		4	80.00	3		0.00		0		31.5	90.00	3		
61	20X41A0470	5	100	3	5	100	3	3	60.00	2		0.00		0.00		28	80.00	3		0			0.00			
62	20X41A0471	5	100	3	5	100	3		0.00		4	80.00	3	0.00		35	100.00	3		0			0.00			
63	20X41A0472	5	100	3	5	100	3		0.00			0.00		5	100.00	3	35	100.00	3		0			0.00		
64	20X41A0473	5	100	3	5	100	3	4	80.00	3		0.00		0.00			0.00		31.5	90	3			0.00		
65	20X41A0474	5	100	3	5	100	3	5	100.00	3		0.00		0.00			0.00		35	100	3			0.00		
66	20X41A0475	5	100	3	5	100	3	2	40.00	1		0.00		0.00		31.5	90.00	3		0			0.00			
67	20X41A0476	5	100	3	5	100	3	3	60.00	2		0.00		0.00		31.5	90.00	3		0			0.00			
68	20X41A0477	5	100	3	5	100	3	3	60.00	2		0.00		0.00			0.00			0		31.5	90.00	3		
69	20X41A0478	5	100	3	5	100	3		0.00			0.00		4	80.00	3	31.5	90.00	3		0			0.00		
70	20X41A0479	5	100	3	5	100	3	5	100.00	3		0.00		0.00		35	100.00	3		0			0.00			
71	20X41A0480	5	100	3	5	100	3		0.00		5	100.00	3	0.00			0.00			0		31.5	90.00	3		
72	20X41A0481	5	100	3	5	100	3	3	60.00	2		0.00		0.00		31.5	90.00	3		0			0.00			
73	20X41A0482	5	100	3	5	100	3		0.00			0.00		4	80.00	3	35	100.00	3		0			0.00		
74	20X41A0483	5	100	3	5	100	3	3	60.00	2		0.00		0.00		31.5	90.00	3		0			0.00			
75	20X41A0484	5	100	3	5	100	3		0.00		4	80	3	0.00		35	100.00	3		0			0.00			
76	20X41A0485	5	100	3	5	100	3	4	80.00	3		0.00		0.00			0.00		31.5	90	3			0.00		
77	20X41A0486	5	100	3	5	100	3	4	80.00	3		0.00		0.00		31.5	90.00	3		0			0.00			
78	20X41A0487	5	100	3	5	100	3	3	60.00	2		0.00		0.00		28	80.00	3		0			0.00			
79	20X41A0488	5	100	3	5	100	3	4	80.00	3		0.00		0.00		31.5	90.00	3		0			0.00			
80	20X41A0489	5	100	3	5	100	3	5	100.00	3		0.00		0.00		35	100.00	3		0			0.00			
81	20X41A0491	5	100	3	5	100	3		0.00			0.00		4	80.00	3		0.00		28	80	3			0.00	
82	20X41A0492	5	100	3	5	100	3	5	100.00	3		0.00		0.00		35	100.00	3		0			0.00			
83	20X41A0493	5	100	3	5	100	3	5	100.00	3		0.00		0.00		35	100.00	3		0			0.00			
84	20X41A0495	5	100	3	5	100	3	5	100.00	3		0.00		0.00		35	100.00	3		0			0.00			
85	20X41A0496	5	100	3	5	100	3		0.00		4	80.00	3	0.00			0.00			0			0.00			
86	20X41A0497	5	100	3	5	100	3	4	80.00	3		0.00		0.00		31.5	90.00	3		0			0.00			
87	20X41A0498	5	100	3	5	100	3		0.00		5	100.00	3	0.00			0.00		35	100	3			0.00		


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108,

88	20X41A04A0	5	100	3	5	100	3		0.00			0.00		3	60.00	2	31.5	90.00	3		0				0.00		
89	20X41A04A1	5	100	3	5	100	3	5	100.00	3		0.00			0.00		35	100.00	3		0			31.5	90.00	3	0.00
90	20X41A04A2	5	100	3	5	100	3	3	60.00	2		0.00			0.00			0.00			0					0.00	
91	20X41A04A3	5	100	3	5	100	3	5	100.00	3		0.00			0.00		35	100.00	3		0					0.00	
92	20X41A04A4	5	100	3	5	100	3	5	100.00	3		0.00			0.00		35	100.00	3		0					0.00	
95	20X41A04A5	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00		35	100.00	3		35	100	3	0.00
94	20X41A04A6	5	100	3	5	100	3	4	80.00	3		0.00			0.00		35	100.00	3		0					0.00	
95	20X41A04A7	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00		35	100.00	3		31.5	90	3	0.00
96	20X41A04A8	5	100	3	5	100	3		0.00		4	80.00	3		0.00			0.00			0						0.00
97	20X41A04A9	5	100	3	5	100	3		0.00			0.00		4	80.00	3	35	100.00	3		0					0.00	
98	20X41A04B1	5	100	3	5	100	3	3	60.00	2		0.00			0.00			0.00			0			28	80.00	3	0.00
99	20X41A04B2	5	100	3	5	100	3		0.00			0.00		4	80.00	3	35	100.00	3		0					0.00	
100	21X45A0401	5	100	3	5	100	3		0.00		5	100.00	3		0.00		35	100.00	3		0					0.00	
101	21X45A0402	5	100	3	5	100	3	3.5	70.00	3		0.00			0.00			0.00		35	100	3				0.00	
102	21X45A0403	5	100	3	5	100	3	5	100.00	3		0.00			0.00		35	100.00	3		0					0.00	
103	21X45A0404	5	100	3	5	100	3	5	100.00	3		0.00			0.00		35	100.00	3		0					0.00	
104	21X45A0405	5	100	3	5	100	3		0.00		5	100.00	3		0.00		35	100.00	3		0					0.00	
105	21X45A0406	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00			0			31.5	90.00	3	0.00
106	21X45A0407	5	100	3	5	100	3	3.5	70.00	3		0.00			0.00			0.00			0					0.00	
107	21X45A0408	5	100	3	5	100	3		0.00			0.00		4	80.00	3	31.5	90.00	3		0					0.00	
108	21X45A0409	5	100	3	5	100	3		0.00			0.00		4	80.00	3	28	80.00	3		0					0.00	
109	21X45A0410	5	100	3	5	100	3	4	80.00	3		0.00			0.00		31.5	90.00	3		0					0.00	
110	21X45A0411	5	100	3	5	100	3		0.00			0.00		4	80.00	3		0.00		31.5	90	3				0.00	
111	21X45A0412	5	100	3	5	100	3	3	60.00	2		0.00			0.00			0.00		31.5	90	3				0.00	
112	21X45A0413	5	100	3	5	100	3	4	80.00	3		0.00			0.00		35	100.00	3		0					0.00	
113	21X45A0414	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00			0			35	100.00	3	0.00
114	21X45A0415	5	100	3	5	100	3	2	40.00	1		0.00			0.00		28	80.00	3		0					0.00	
115	21X45A0416	5	100	3	5	100	3		0.00		3	60.00	2		0.00		31.5	90.00	3		0					0.00	
116	21X45A0417	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00		35	100	3				0.00	
117	21X45A0418	5	100	3	5	100	3		0.00			0.00			0.00	1	31.5	90.00	3		0					0.00	
118	21X45A0419	5	100	3	5	100	3		0.00		4	80.00	3		0.00		35	100.00	3		0					0.00	
119	21X45A0420	5	100	3	5	100	3	4	80.00	3		0.00			0.00		35	100.00	3		0					0.00	
120	21X45A0421	5	100	3	5	100	3		0.00			0.00		4	80.00	3		0.00			0					0.00	
121	21X45A0422	5	100	3	5	100	3	3	60.00	2		0.00			0.00		31.5	90.00	3		0					0.00	
122	21X45A0423	5	100	3	5	100	3		0.00		4	80.00	3		0.00			0.00			0					0.00	
123	21X45A0424	5	100	3	5	100	3	4	80.00	3		0.00			0.00			0.00			28	80	3			0.00	
	AVERAGE	5	99.7	3	5	99.7	3	3.9	49.8	2.7	4.2	17.6	2.7	3.9	10.7	2.8	32.9	65	3	32.4	14.3	3	31.9	14.1	3	0.00	
	CO	CO1-CO3			CO1-CO3			CO 1			CO 2			CO 3			CO 1			CO 2			CO 3				
	CO WISE PERCENTAGE	3			3			2.7			2.7			2.8			3			3			3				


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

CO ATTAINMENT	DAYWISE PERFORMANCE		INTERNAL EXAM	INTERNAL MARKS LEVEL	EXTERNAL MARKS LEVEL	DIRECT ATTAINMENT	INDIRECT ATTAINMENT %	INDIRECT ATTAINMENT	FINAL ATTAINMENT LEVELS	EXPECTED LEVEL of ATTAINMENT %	ATTAINMENT %
CO1	3	2.7	2.85	3.00	2.96	91.56	2.75	2.92	70	97.33	97.33
CO2	3	2.7	2.85	3.00	2.96	93.58	2.81	2.93	70	97.67	96.33
CO3	3	2.8	2.9	3	2.97	90.56	2.72	2.92	70	97.33	96

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for VLSID LAB

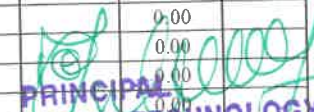
Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	ATTAINMENT LEVEL
CO1	2	1	1	3	2			2		2	2			2	3	2.92
CO2	2	1	1	3	2			2		2	2			2	3	2.93
CO3	3				3			2			2	1		2	3	2.92

PO Attainments

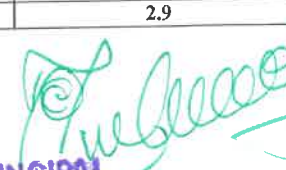
PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
20.46	5.85	5.85	17.55	20.46			17.54		11.7	17.54	2.92		17.54	26.31
2.92	2.93	2.93	2.93	2.92			2.92		2.93	2.92	2.92		2.92	2.92

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

38	20X41A0443	5	100	3	5	100	3		0.00		2	40.00	1		0.00		29	82.86	3		0			0.00	
39	20X41A0444	5	100	3	5	100	3		0.00		2	40.00	1		0.00			0.00		32	91.429	3		0.00	
40	20X41A0446	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00		25	71.429	3		0.00	
41	20X41A0447	5	100	3	5	100	3		0.00		4	80.00	3		0.00			0.00			0		32	91.43	3
42	20X41A0449	5	100	3	5	100	3		0.00		3	60.00	2		0.00		29	82.86	3		0			0.00	
43	20X41A0450	5	100	3	5	100	3	1	20.00			0.00			0.00			0.00			0			0.00	
44	20X41A0451	5	100	3	5	100	3	2	40.00	1		0.00			0.00			0.00		27	77.143	3		0.00	
45	20X41A0452	5	100	3	5	100	3	2	40.00	1		0.00			0.00			0.00			0		33	94.29	3
46	20X41A0453	5	100	3	5	100	3		0.00			0.00	2	40.00	1	33	94.29	3			0			0.00	
47	20X41A0454	5	100	3	5	100	3		0.00			0.00	5	100.00	3		0.00				0		29	82.86	3
48	20X41A0455	5	100	3	5	100	3		0.00		2	40.00	1		0.00			0.00		30	85.714	3		0.00	
49	20X41A0456	5	100	3	5	100	3		0.00		2	40.00	1		0.00		30	85.71	3		0			0.00	
50	20X41A0457	5	100	3	5	100	3	3	60.00	2		0.00			0.00		30	85.71	3		0			0.00	
51	20X41A0458	5	100	3	5	100	3		0.00			0.00	2	40.00	1		0.00		20	57.143	2			0.00	
52	20X41A0459	5	100	3	5	100	3		0.00			0.00	2	40.00	1	29	82.86	3			0		33	94.29	3
53	20X41A0460	5	100	3	5	100	3	4	80.00	3		0			0.00			0.00			0		33	94.29	3
54	21X45A0401	5	100	3	5	100	3		0.00		4	80	3		0.00			0.00			0			0.00	
55	21X45A0402	5	100	3	5	100	3		0.00		3	60	2		0.00		32	91.43	3		0			0.00	
56	21X45A0403	5	100	3	5	100	3	2	40.00	1		0.00			0.00			0.00		29	82.857	3		0.00	
57	21X45A0404	5	100	3	5	100	3	4	80.00	3		0.00			0.00		29	82.86	3		0			0.00	
58	21X45A0405	5	100	3	5	100	3	5	100.00	3		0.00			0.00		29	82.86	3		0			0.00	
59	21X45A0406	5	100	3	5	100	3	4	80.00	3		0.00			0.00		28	80.00	3		0			0.00	
60	21X45A0407	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		29	82.857	3		0.00	
61	21X45A0408	5	100	3	5	100	3		0.00			0.00	4	80.00	3	30	85.71	3			0			0.00	
62	21X45A0409	5	100	3	5	100	3		0.00			0.00	4	80.00	3		0.00			0		29	82.86	3	
63	20X41A0462	5	100	3	5	100	3	3	60.00	2		0.00			0.00			0.00		26	74.286	3		0.00	
64	20X41A0463	5	100	3	5	100	3		0.00			0.00	3	60.00	2	23	65.71	2			0			0.00	
65	20X41A0464	5	100	3	5	100	3		0.00			0.00	4	80.00	3		0.00		29	82.857	3			0.00	
66	20X41A0465	5	100	3	5	100	3		0.00			0.00	3	60.00	2		0.00			0		32	91.43	3	
67	20X41A0466	5	100	3	5	100	3		0.00			0.00	3	60.00	2		0.00			0		33	94.29	3	
68	20X41A0467	5	100	3	5	100	3		0.00		5	100.00	3		0.00		30	85.71	3		0			0.00	
69	20X41A0468	5	100	3	5	100	3		0.00			0.00		3	60.00	2		0.00			0		32	91.43	3
70	20X41A0469	5	100	3	5	100	3		0.00			0.00	3	60.00	2		0.00		30	85.714	3			0.00	
71	20X41A0470	5	100	3	5	100	3	2	40.00	1		0.00			0.00			0.00		29	82.857	3		0.00	
72	20X41A0471	4	80	3	4	80	3		0.00		4	80.00	3		0.00		26	74.29	3		0			0.00	
73	20X41A0472	5	100	3	5	100	3	5	100.00	3		0.00			0.00		22	62.86	2		0			0.00	
74	20X41A0473	5	100	3	5	100	3		0.00		5	100.00	3		0.00		29	82.86	3		0			0.00	
75	20X41A0474	5	100	3	5	100	3		0.00			0	2	40.00	1	32	91.43	3			0			0.00	
76	20X41A0475	5	100	3	5	100	3		0.00			0.00	4	80.00	3		0.00		27	77.143	3			0.00	
77	20X41A0476	5	100	3	5	100	3		0.00			0.00	4	80.00	3		0.00		30	85.714	3			0.00	
78	20X41A0477	5	100	3	5	100	3		0.00		4	80.00	3		0.00			0.00		27	77.143	3		0.00	
79	20X41A0478	5	100	3	5	100	3		0.00		4	80.00	3		0.00			0.00		31	88.571	3		0.00	
80	20X41A0479	5	100	3	5	100	3	2	40.00	1		0.00			0.00		26	74.286	3		0			0.00	
81	20X41A0480	5	100	3	5	100	3		0.00			0.00	3	60.00	2	30	85.71	3			0			0.00	
82	20X41A0481	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		34	97.143	3		0.00	
83	20X41A0482	4	80	3	5	100	3		0.00		5	100.00	3		0.00		33	94.29	3		0			0.00	
84	20X41A0483	5	100	3	5	100	3	3	60.00	2		0.00			0.00			0.00		30	85.714	3		0.00	
85	20X41A0484	5	100	3	4	80	3	3	60.00	2		0.00			0.00			0.00		29	82.857	3		0.00	
86	20X41A0485	5	100	3	5	100	3	2	40.00	1		0.00			0.00		29	82.86	3		0			0.00	
87	20X41A0486	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00		30	85.714	3		0.00	


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 106.

88	20X41A0487	5	100	3	5	100	3		0.00		4	80.00	3		0.00		32	91.43	3		0				0.00	
89	20X41A0488	5	100	3	5	100	3	3	60.00	2		0.00			0.00		29	82.86	3		0				0.00	
90	20X41A0489	5	100	3	5	100	3	3	60.00	2		0.00			0.00			0.00		31	88.571	3			0.00	
91	20X41A0490	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00		31	88.571	3			0.00	
92	20X41A0491	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00		28	80	3			0.00	
93	20X41A0492	5	100	3	5	100	3		0.00		4	80.00	3		0.00			0.00			0		31	88.57	3	
94	20X41A0493	5	100	3	5	100	3		0.00			0.00		4	80.00	3		0.00			0		31	88.57	3	
95	20X41A0495	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00		34	97.143	3			0.00	
96	20X41A0496	5	100	3	5	100	3		0.00		1	20.00			0.00			0.00		30	85.714	3			0.00	
97	20X41A0497	5	100	3	5	100	3	2	40.00	1		0.00			0.00			0.00		28	80	3			0.00	
98	20X41A0498	5	100	3	5	100	3		0.00			0.00		3	60.00	2		0.00		28	80	3			0.00	
99	20X41A04A0	5	100	3	5	100	3	2	40.00	1		0.00			0.00			0.00		31	88.571	3			0.00	
100	20X41A04A1	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00		30	85.714	3			0.00	
101	20X41A04A2	5	100	3	5	100	3		0.00		1	20.00			0.00			0.00		30	85.714	3			0.00	
102	20X41A04A3	5	100	3	5	100	3		0.00		5	100.00	3		0.00			0.00			0		33	94.29	3	
103	20X41A04A4	5	100	3	5	100	3	3	60.00	2		0.00			0.00		30	85.71	3		0				0.00	
104	20X41A04A5	5	100	3	5	100	3		0.00		5	100.00	3		0.00		33	94.29	3		0				0.00	
105	20X41A04A6	5	100	3	5	100	3	5	100.00	3		0.00			0.00		31	88.57	3		0				0.00	
106	20X41A04A7	5	100	3	5	100	3		0.00			0.00		5	100.00	3		0.00		33	94.286	3			0.00	
107	20X41A04A8	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00		30	85.714	3			0.00	
108	20X41A04A9	5	100	3	5	100	3		0.00		2	40.00	1		0.00			0.00		30	85.714	3			0.00	
109	20X41A04B1	5	100	3	5	100	3		0.00		1	20.00			0.00			0.00		25	71.429	3			0.00	
110	20X41A04B2	5	100	3	5	100	3	5	100.00	3		0.00			0.00			0.00		34	97.143	3			0.00	
111	21X45A0410	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00		30	85.714	3			0.00	
112	21X45A0411	5	100	3	5	100	3		0.00			0.00		3	60.00	2		0.00		30	85.714	3			0.00	
113	21X45A0412	4	80	3	3	60	2		0.00		1	20.00			0.00			0.00			0		28	80.00	3	
114	21X45A0413	5	100	3	5	100	3		0.00			0.00		4	80.00	3		0.00		29	82.857	3			0.00	
115	21X45A0414	5	100	3	5	100	3		0.00		1	20.00			0.00			0.00		29	82.857	3			0.00	
116	21X45A0415	5	100	3	5	100	3		0.00			0.00		5	100.00	3	29	82.86	3		0				0.00	
117	21X45A0416	5	100	3	5	100	3		0.00		1	20.00			0.00			0.00		28	80	3			0.00	
118	21X45A0417	5	100	3	5	100	3	3	60.00	2		0.00			0.00			0.00		29	82.857	3			0.00	
119	21X45A0418	5	100	3	5	100	3		0.00		3	60.00	2		0.00			0.00		26	74.286	3			0.00	
120	21X45A0419	5	100	3	5	100	3	1	20.00			0.00			0.00		29	82.86	3		0				0.00	
121	21X45A0420	5	100	3	5	100	3		0.00			0.00		3	60.00	2	28	80.00	3		0				0.00	
122	21X45A0421	5	100	3	5	100	3		0.00			0.00		3	60.00	2		0.00			0		30	85.71	3	
123	21X45A0422	5	100	3	5	100	3		0.00			0.00		1	20.00		32	91.43	3		0				0.00	
124	21X45A0423	5	100	3	5	100	3		0.00		1	20.00			0.00			0.00		31	88.571	3			0.00	
125	21X45A0424	3	60	2	3	60	2		0.00			0.00		3	60.00	2	24	68.57	2		0				0.00	
AVERAGE		4.9	98.9	3	4.9	98.4	3	3.1	18.9	2.1	3.3	28.1	2.4	3.4	18.7	2.3	29.4	27.8	3	28.9	39.9	2.9	30	15.9	2.9	
CO		CO1-CO3			CO1-CO3			CO 1			CO 2			CO 3			CO 1			CO 2			CO 3			
CO WISE PERCENTAGE		3			3			2.1			2.4			2.3			3			2.9			2.9			


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

CO ATTAINMENT	DAYWISE PERFORMANCE		INTERNAL EXAM	INTERNAL MARKS LEVEL	EXTERNAL MARKS LEVEL	DIRECT ATTAINMENT	INDIRECT ATTAINMENT %	INDIRECT ATTAINMENT	FINAL ATTAINMENT LEVELS	EXPECTED LEVEL of ATTAINMENTS %	ATTAINMENT %
CO1	3	3	2.1	2.70	3	2.91	98.67	2.96	2.92	70.00	97.33
CO2	3	3	2.4	2.80	2.9	2.87	98.96	2.97	2.89	70.00	96.33
CO3	3	3	2.3	2.77	2.9	2.86	97.84	2.94	2.88	70.00	96

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for DSP LAB

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	ATTAINMENT
CO1	3	2			3		2	2	2			3	3	2	3	2.92
CO2	3	3	2		3		2	2	2			3	3	3	3	2.89
CO3	2	3	2		3		2	2	2			3	3	2	3	2.88

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
23.19	23.15	11.54		26.07		17.38	17.38	17.38			26.07	26.07	20.27	26.07
2.9	2.89	2.89		2.9		2.9	2.9	2.9			2.9	2.9	2.9	2.9

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108
 Approved by AICTE, Affiliated to JNTUK, Kakinada
 ISO 9001:2015 Certified Institution
 Accredited with NAAC 'A' grade
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
CALCULATION OF LEVEL OF ATTAINMENT FOR COs, POs and PSOs

ACADEMIC YEAR: 2022-23

S.NO	ROLL NO.	NAME OF THE STUDENT	CO1			CO2			CO3		
			MARKS	%	LEVEL	MARKS	%	LEVEL	MARKS	%	LEVEL
BRANCH: ECE			YEAR-SEM: III-II			NAME OF LAB: ARMIARDUINO BASED PROGRAMMING LAB			FACULTY NAME: Mr. B.S.S.TEJESH		
1	20X41A0401	AMBATI MEGHA VARDHAN	0.00	0.00	3	45	90.00	3		0.00	0.00
2	20X41A0402	ATTIOTA MEGHANA	40	80.00	3		0.00			0.00	0.00
3	20X41A0403	BHOGADI GOPIKA AYYA HARSHRITHA		0.00		45	90.00	3		0.00	0.00
4	20X41A0404	BANDI MOUNIKA		0.00			0.00		45	90.00	3
5	20X41A0405	BHIREDD LAKSHMI AMANVIHA	50	100.00	3		0.00			0.00	0.00
6	20X41A0406	BOLLA VINEELA	50	100.00	3		0.00			0.00	0.00
7	20X41A0407	BO APATI UPRIYA	50	100.00	3		0.00			0.00	0.00
8	20X41A0408	CHINDANA NAGAMITYA SINDIRGAHARSHITHA		0.00		50	100.00	3		0.00	0.00
9	20X41A0409	CHJLAKURI KOTESWARI		0.00		50	100.00	3		0.00	0.00
10	20X41A0410	CHNNAM ASISH		0.00			0.00		50	100.00	3
11	20X41A0412	DASARISONIYA		0.00			0.00		45	90.00	3
12	20X41A0413	DASARI VAMSI K. RISHNA		0.00		40	80.00	3		0.00	0.00
13	20X41A0415	DEVINENI SAI KUMAR		0.00		45	90.00	3		0.00	0.00
14	20X41A0416	DHUPUDJ SRAVANI	50	100.00	3		0.00			0.00	0.00
15	20X41A0417	GOGULA SANDHY A		0.00			0.00		50	100.00	3
16	20X41A0418	GOLTHI HE ,A. RAMESH		0.00		50	100.00	3		0.00	0.00
17	20X41A0419	GOPSETJ GEERA NAGA PRIYANKA	50	100.00	3		0.00			0.00	0.00
18	20X41A0420	GULUGULURI SUSEELA	50	100.00	3		0.00			0.00	0.00
19	20X41A0421	GURRAM BHARGA VI	50	100.00	3		0.00			0.00	0.00
20	20X41A0422	V.ENKATAJUSHNA ARA PRASAD		0.00		45	90.00	3		0.00	0.00
21	20X41A0423	JALIPARTHI SRVA KARTHIK		0.00		45	90.00	3		0.00	0.00
22	20X41A0424	JETTU MANIKANTA	45	90.00	3		0.00			0.00	0.00
23	20X41A0425	KOMMINENI DIMPUL TEJA		0.00			0.00		50	100.00	3
24	20X41A0427	KADALI SAF SATISH		0.00		40	80.00	3		0.00	0.00
25	20X41A0428	KARANKIMARESH		0.00			0.00		40	80.00	3
26	20X41A0429	RLAPALEM SRI MANASWJNI		0.00			0.00		50	100.00	3
27	20X41A0431	DALI SUSHMA		0.00			0.00		45	90.00	3
28	20X41A0432	DATTI NAGA SATYA SAJ PRAKASH	40	80.00	3		0.00			0.00	0.00
29	20X41A0433	MMU PALLA VI		0.00		45	90.00	3		0.00	0.00
30	20X41A0434	UMARAPU TARUN		0.00		45	90.00	3		0.00	0.00
31	20X41A0435	MADALA DEVI SRI		0.00			0.00		50	100.00	3
32	20X41A0437	MEKALA SRIKANTH REDDY		0.00			0.00		40	80.00	3
33	20X41A0438	MOHAMMAD AYAZ	40	80.00	3	45	90.00	3		0.00	0.00
34	20X41A0439	MOHAMMADEDAYATULLA		0.00			0.00		40	80.00	3
35	20X41A0440	MOHAMMAD NAZILA	50	100.00	3		0.00			0.00	0.00
36	20X41A0442	NALLABOTIJULA N GAMANI	50	100.00	3	35	70.00	3		0.00	0.00
37	20X41A0443	NARAGIRINADIDINI AASRITHA		0.00			0.00		50	100.00	3
38	20X41A0444	NARRA RUPESH		0.00		50	100.00	3		0.00	0.00

PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 109.

39	20X41A0446	NIDADHA YOLU VINEESHA	50	100.00	3		0.00		0.00		0.00
40	20X41A0447	NUNNAMADHU	40	80.00	3		0.00		0.00		0.00
41	20X41A0449	PALLIKONDA SUMA.SRI		0.00	50	100.00	3		0.00		0.00
42	20X41A0450	PODDUTURI KHASIMBI	50	100.00	3		0.00		0.00		0.00
43	20X41A0451	POLAMURU DILEEP DURGA RAO	45	90.00	3		0.00		0.00	45	90.00
44	20X41A0452	POTTIRINDI SIRISHA		0.00			0.00		0.00		0.00
45	20X41A0453	PIITTA NAGA PHANINDRA		0.00	40	80.00	3		0.00		0.00
46	20X41A0454	REPALLE TANMAI	50	100.00	3		0.00		0.00		0.00
47	20X41A0455	SANGATI VISWA TEJA	45	90.00	3	40	80.00	3			0.00
48	20X41A0456	SANGABATULA MANOJ		0.00			0.00		0.00	45	90.00
49	20X41A0457	SHE GE SRI CHAITANY A		0.00		45	90.00	3			0.00
50	20X41A0458	SODISETI SATHWIKA		0.00			0.00		0.00	50	100.00
51	20X41A0459	SOMISETTY YASHWANTH	45	90.00	3		0.00		0.00		0.00
52	20X41A0460	TUMMALAGUNTA DIVYA SRI	50	100.00	3		0.00		0.00		0.00
53	21X45A0401	KANCHARLA GREETANJALI		0.00			0.00		0.00	45	90.00
54	21X45A0402	JUJJA VARAPU SAI PADMA SHREEYA	45	90.00	3		0.00		0.00		0.00
55	21X45A0403	PENUGURTHI VINAY KUMAR	50	100.00	3		0.00		0.00		0.00
56	21X45A0404	KOTHAPALLI VELANGINI	50	100.00	3		0.00		0.00		0.00
57	21X45A0405	MOHAMMAD SALEEM.BEG		0.00	50	100.00	3		0.00		0.00
58	21X45A0406	PAMUL DEENA		0.00			0.00		0.00	45	90.00
59	21X45A0407	TEKI BHAGYESH	50	100.00	3		0.00		0.00		0.00
60	21X45A0408	PINNAMANENJ VENKAT RATNAM	50	100.00	3		0.00		0.00		0.00
61	21X45A0409	K. HARSHA NITIN	50	100.00	3		0.00		0.00		0.00
62	20X41A0462	VULLI ANIL		0.00			0.00		0.00	45	90.00
63	20X41A0463	VENKAI AH CHOWDARY BIKKI		0.00	50	100.00	3		0.00		0.00
64	20X41A0464	YADDANAPUDI VENKATESH	45	90.00	3		0.00		0.00		0.00
65	20X41A0465	B.J.B.N.V.S.SANDEEP		0.00			0.00		0.00	50	100.00
66	20X41A0466	BATTULA PRAVEEN	50	100.00	3		0.00		0.00		0.00
67	20X41A0467	BHOGADULA UJWALA NAGA PRAVALIKA	50	100.00	3		0.00		0.00		0.00
68	20X41A0468	BITRA ROOPA SRI	50	100.00	3		0.00		0.00		0.00
69	20X41A0469	CHAVALI TANUJ		0.00	45	90.00	3		0.00		0.00
70	20X41A0470	DAGGULA VENKATA REDDY		0.00			0.00		0.00	40	80.00
71	20X41A0471	DONTHALA.PAVANI DURGA		0.00	50	100.00	3		0.00		0.00
72	20X41A0472	DEVARAKONDA.RAMESH		0.00			0.00		0.00	50	100.00
73	20X41A0473	EDA PRAVALIKA		0.00		45	90.00	3			0.00
74	20X41A0474	GUDIVAKA NAGA.PRAVEEN		0.00			0.00		0.00	45	90.00
75	20X41A0475	GADI VAMSI		0.00			0.00		0.00	50	100.00
76	20X41A0476	GAJALAKONDA RAMYA	45	90.00	3		0.00		0.00		0.00
77	20X41A0477	GORANTLA JAHNAVI		0.00			0.00		0.00	50	100.00
78	20X41A0478	GUNTAMUKKALA MARY DEEKSHITHA		0.00	45	90.00	3		0.00		0.00
79	20X41A0479	JAMI ARAVIND KUMAR	50	100.00	3		0.00		0.00		0.00
80	20X41A0480	KAMATHAM MEENAKSHI		0.00			0.00		0.00	50	100.00
81	20X41A0481	KANURI LAKSHMI CHANDRIKA	50	100.00	3		0.00		0.00		0.00
82	20X41A0482	KESANI SAI	45	90.00	3		0.00		0.00		0.00
83	20X41A0483	KODALI VENKATESH	50	100.00	3		0.00		0.00		0.00

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

84	20X41A0484	KOTTAPALLI VENKATESH	50	100.00	3	0.00			0.00	
85	20X41A0485	KURRA THANURYA	50	100.00	3	0.00			0.00	
86	20X41A0486	KURUVA SRAVANI		0.00		0.00	50		100.00	3
87	20X41A0487	MANTADA MEGHANA		0.00		0.00	50	100.00	0.00	
88	20X41A0488	MOHAMMAD MINHAI BAIG		0.00		0.00	50	100.00	0.00	
89	20X41A0489	MUVVA SRI SWATHI		0.00		0.00	50	100.00	0.00	
90	20X41A0491	PARASU PRAVEEN GANDHI	45	90.00	3	0.00			0.00	
91	20X41A0492	PIRATI BUSHI NAIDU		0.00		0.00	50		100.00	3
92	20X41A0493	PULLI SRI HARI	50	100.00	3	0.00			0.00	
93	20X41A0495	RAAVI AKHIL	50	100.00	3	70.00	35		0.00	
94	20X41A0496	REDROTHU SRAVYA		0.00		0.00		50	100.00	3
95	20X41A0497	RUSHIKA PHANI PENNERU		0.00		100.00	50	100.00	0.00	
96	20X41A0498	SIMHADRI SAI KAMAL	45	90.00	3	0.00			0.00	
97	20X41A04A0	SANDU PRATHYUSHA	50	100.00	3	0.00			0.00	
98	20X41A04A1	SHAIK BASHEER		0.00		100.00	50	100.00	0.00	
99	20X41A04A2	SHAIK SUHAIB AHMED		0.00		0.00		45	90.00	3
100	20X41A04A3	SISTLA GANESH AKHILA	50	100.00	3	0.00			0.00	
101	20X41A04A4	TADUTURU UMA KEERTHANA	50	100.00	3	80.00	40		0.00	
102	20X41A04A5	TUMMALA SANGAMESWARA RAO		0.00		0.00		50	100.00	3
103	20X41A04A6	VANAPAMULA VENKATA SIVA DURGAI AVANAYA	50	100.00	3	0.00			0.00	
104	20X41A04A7	VARRE TANUJA	50	100.00	3	0.00			0.00	
105	20X41A04A8	VUKKADAPU NAGA SAI		0.00		0.00		45	90.00	3
106	20X41A04A9	YADLA SUNAGA SRI	45	90.00	3	0.00			0.00	
107	20X41A04B1	TADISETTY KARTHIK SHANKAR	45	90.00	3	0.00			0.00	
108	20X41A04B2	UPPE LAKSHMI DURGA		0.00		100.00	50	100.00	0.00	
109	21X45A0410	PABOLU NAGA VENKATA SATYA LAKSHMI CHANDINI		0.00		0.00	45	90.00	0.00	
110	21X45A0411	BHOGIREDDY MEGHANADH		0.00		0.00		45	90.00	3
111	21X45A0412	EPURI ROHITH	40	80.00	3	0.00			0.00	
112	21X45A0413	JUJJAVARAPU GOPI CHANDU	45	90.00	3	0.00			0.00	
113	21X45A0414	SARVISETTY NAGA DURGA BABU	50	100.00	3	0.00			0.00	
114	21X45A0415	BANKA UMA MAHESWARA RAO	45	90.00	3	0.00			0.00	
115	21X45A0416	BANALA SAI NEERAJ		0.00		90.00	45	90.00	0.00	
116	21X45A0417	JAVVADI OM SREE VAGDEVI		0.00		0.00		50	100.00	3
117	21X45A0418	TIRIVEEDHI LEKHA SREE		0.00		0.00		50	100.00	3
118	21X45A0419	THUPAKULA DURGA PRASADA RAO		0.00		0.00	45	90.00	0.00	
119	21X45A0420	GUDIPUDI RESHMA		0.00		100.00	50	100.00	0.00	
120	21X45A0421	KURRA SUMASRI	50	100.00	3	0.00			0.00	
121	21X45A0422	TIPPIREDDY VENKATA KRISHNA R	45	90.00	3	0.00			0.00	
122	21X45A0423	KOLLATHUVALAPIL KRISHNA	50	100.00	3	0.00			0.00	
123	21X45A0424	SHAIK JOEL SHONE		0.00		0.00		40	80.00	3
		AVERAGE	47.8	95.60	3	45.8	91.60	93.80	CO 3	3
		CO								
		CO WISE PERCENTAGE								

PRINCIPAL

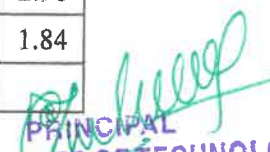
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 104.



SRK INSTITUTE OF TECHNOLOGY
 Enikepadu, Vijayawada-521108
 Approved by AICTE, Affiliated to JNTUK, Kakinada
 Department of Electronics and Communication Engineering
 Accredited with NAAC 'A' Grade
 An ISO 9001-2015 Certified Institution

OVERALL ATTAINMENT OF 2019-23 BATCH

S.NO	Course Code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	C101	English	2.65	2.66	2.66	2.66	2.66					2.66					
2	C102	Mathematics - I	1.97	1.97		1.97										1.97	
3	C103	Applied Chemistry	1.39	1.39	1.39	1.39		1.4	1.4					1.39			
4	C104	Program Using C	1.45	2.01	1.34												1.34
5	C105	Engineering Drawing	2.02		2.02		2.02								2.01		2.01
6	C106	English Lab						2.9	2.9			2.9					
7	C107	Applied Chemistry Lab	2.87	2.87	2.87	2.87		2.87	2.88	2.86	2.86	2.86		2.86			
8	C108	Program Using C Lab	2.88	2.88	2.88					2.88							2.88
10	C111	Mathematics -- II	1.67	1.67		1.61											1.7
11	C112	Mathematics -- III	1.27	1.27		1.26											1.28
12	C113	Applied Physics	1.7		1.54	1.61	1.56					1.57	1.64		1.59		
13	C114	Network Analysis	0.98	0.83	0.63										0.81		
14	C115	Basic Electrical Engineering	1.51	1.51	1.51	1.51								1.51	1.51	1.51	
15	C116	Electronic workshop	2.88	2.88	2.87								2.88				2.88
16	C117	BEE Lab	2.68	2.68	2.68	2.68		2.68	2.68						2.68		
17	C118	Applied Physics Lab	2.98	2.98			2.98				2.98	2.98					
18	C119	Communication Skills Lab						2.93	2.93			2.93					
19	C1110	Engineering Exploration Project	2.95	2.96	2.96	2.96	2.96	2.96		2.96	2.96	2.96	2.96	2.96	2.96	2.96	2.96
21	C201	Electronic Devices and Circuits	1.85	1.82	1.85											1.85	1.84
22	C202	Switching Theory and Logic Design	1.97	1.95	1.94	1.94	1.94					1.95			1.95		



 PRINCIPAL
 SRK INSTITUTE OF TECHNOLOGY
 ENIKEPADU, VIJAYAWADA-521 10

23	C203	Signals and Systems	1.47	1.47	1.45										1.47	1.46	
24	C204	Random Variables and Stochastic Processes	2	1.5	2		1.75	1.67	1.67	2	1.71	1.6	1.5	2	1.82	1.89	1
25	C205	Object Oriented Programming through	1.35	1.35	1.35												
26	C206	Managerial Economics & Financial Analysis	1.7		1.7		1.7			1.7							
27	C207	Electronic Devices and Circuits - Lab	2.69	2.68				2.69		2.69	2.69				2.69		
28	C208	Switching Theory and Logic Design - Lab	2.81	2.81	2.79					2.8					2.79		2.8
30	C211	Electronic Circuit Analysis	1.37	1.37	1.37	1.37						1.38		1.37	1.37	1.37	1.37
31	C212	Linear Control Systems	1.74	1.77	1.75	1.75	1.7								1.74	1.74	
32	C213	Electromagnetic Waves and Transmission Lines	1.45	1.45	1.44										1.45	1.45	
33	C214	Analog Communications	1.82	1.82	1.84	1.78									1.82		
34	C215	Computer Architecture and Organization	1.51	1.46	1.47										1.53		1.46
35	C216	Management and Organizational Behavior	1.96	1.96	1.96	1.93										1.96	
36	C217	Electronic Circuit Analysis - Lab	2.73	2.73				2.73		2.73	2.73				2.73		2.73
37	C218	Analog Communications - Lab	2.67	2.68	2.63	2.63	2.63	2.68		2.67	2.68	2.65		2.67	2.68	2.63	
39	C301	Linear Integrated Circuits and Applications	1.57	1.57	1.57	1.57						1.55		1.57	1.57	1.57	1.58
40	C302	Microprocessor and Microcontrollers	1.3	1.28	1.31	1.28	1.22						1.28		1.35	1.28	1.29
41	C303	Digital Communications	1.23	1.24	1.21	1.28			1.3				1.3		1.22	1.18	1.15
42	C304	Electronic Measurements & Instrumentation	1.92	1.91	1.9										1.92	1.93	
43	C305	Soft Computing techniques and Python Programming	2.05	2.05	2.05												
44	C306	Linear Integrated Circuits and Applications - Lab	2.62	2.62	2.62			2.62		2.62	2.62				2.62		2.62
45	C307	Digital Communications Lab	2.57	2.55	2.58	2.58	2.58	2.55		2.57	2.57		2.57	2.57	2.57		
46	C308	Microprocessor and Microcontrollers - Lab	2.79	2.76	2.76	2.76	2.79			2.79		2.76	2.79	2.84		2.79	2.79
47	C309	Mini Project with Hardware Development	2.99	2.99	2.99	2.99	2.99	2.99		2.99	2.99	3	2.99	2.99	2.99	2.99	2.99
49	C311	Wired and Wireless Transmission Devices	1.94	1.94	1.94							1.95			1.94	1.94	

PRINCIPAL

50	C312	VLSI Design	1.95	1.95	1.92									1.95	1.93	
51	C313	Digital Signal Processing	2.66	2.66	2.66		2.66			2.66				2.66	2.66	
52	C314	Digital IC Design	2	2	2											2
53	C315	Artificial Neural Networks	1.96	1.96	1.99							1.98		1.97		
54	C316	Internet of Things	2.4	2.4	2.41									2.4	2.42	
55	C317	VLSI Lab		2.68			2.69			2.68						2.68
56	C318	Digital Signal Processing Lab	2.66	2.66	2.66		2.66			2.66				2.66	2.66	
58	C401	Microwave and Optical Communication	1.69	1.7	1.73									1.68		1.72
59	C402	Data Communications & Computer networks	1.72	1.72	1.71	1.7	1.71	1.75		1.72	1.72			1.72	1.72	
60	C403	Digital Image and Video Processing	1.53	1.52	1.51	1.51								1.51		
61	C404	Communication Standards and Protocols	2.48	2.47	2.48							2.45	2.47	2.47		
62	C405	Embedded Systems	1.88		1.87		1.86							1.91	1.87	1.87
63	C406	Internet of Things Lab	2.88	2.87	2.86		2.88	2.87					2.88		2.88	2.88
64	C407	Microwave and Optical Communication Engineering LAB	2.93	2.93	2.93	2.92		2.93				2.93			2.93	
65	C408	Project - Part I	2.96	2.97	2.97	2.96	2.97	2.97		2.97	2.96	2.96	2.96	2.97	2.97	2.97
67	C411	Wireless Communication	2.48	2.44	2.5									2.49		2.48
68	C412	Cyber Security and Cryptography	2.37	2.35	2.36	2.35	2.38	2.35	2.36	2.36	2.37	2.37	2.35	2.34	2.34	2.36
69	C413	Project - Part II	2.96	2.96	2.96	2.96	2.94	2.96		2.96	2.96	2.96	2.96	2.96	2.95	2.96

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
PO DIRECT ATTAINMENT	2.13	2.15	2.1	2.1	2.36	2.61	2.27	2.64	2.56	2.31	2.61	2.31	2.1	2.13	2.2
PO INDIRECT ATTAINMENT	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PO FINAL ATTAINMENT	2.3	2.32	2.28	2.28	2.49	2.69	2.42	2.71	2.65	2.45	2.69	2.45	2.28	2.3	2.36


S. Sri Gowri
 Signature of HoD
SRK INSTITUTE OF TECHNOLOGY
 ENIKEPADU, VIJAYAWADA-521 108.

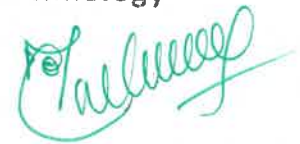
2019-23 Admitted Batch Semester Wise Average Attainments

Semester	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
I-I	2.18	2.3	2.2	2.23	2.34	2.39	2.39	2.89	2.89	2.82		2.14	2.01	2.06	2.01
I-II	2.07	2.1	2.03	1.94	2.5	2.86	2.81	2.94	2.5	2.51	2.96	2.02	1.99	2.07	2.96
II-I	2.45	2.58	2.45	2.46	2.49	2.78	2.6	2.79	2.67	2.83	2.88	2.5	2.18	2.49	2.51
II-II	1.91	1.91	1.78	1.89	2.17	2.71		2.7	2.71	2.02		2.02	1.9	1.83	1.85
III-I	2.12	2.11	2.11	2.08	2.4	2.72	1.3	2.74	2.73	1.98	2.78	2.49	2.03	1.96	2.07
III-II	2.03	2.11	2.03		2.68			2.67		1.97			2.04	2.06	2.32
IV-I	2.26	2.31	2.26	2.27	2.36	2.63		2.35	2.34	2.95	2.71	2.51	2.04	2.66	2.36
IV-II	2.6	2.58	2.61	2.66	2.66	2.66	2.36	2.66	2.67	2.67	2.66	2.65	2.6	2.66	2.6
AVG	2.13	2.15	2.1	2.1	2.36	2.61	2.27	2.64	2.56	2.31	2.61	2.32	2.1	2.13	2.2

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
PO DIRECT ATTAINMENT	2.13	2.15	2.1	2.1	2.36	2.61	2.27	2.64	2.56	2.31	2.61	2.32	2.1	2.13	2.2
PO INDIRECT ATTAINMENT	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PO FINAL ATTAINMENT	2.3	2.32	2.28	2.28	2.49	2.69	2.42	2.71	2.65	2.45	2.69	2.46	2.28	2.3	2.36

S. Sri Gowri

Dr. S. SRI GOWRI, M.Tech., Ph.D.,
Professor & Head of E.C.E. Dept.
S.R.K. Institute of Technology



PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKERADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, K. Anaparthi

Accredited with NAAC 'A' grade

ISO 9001:2015 Certified Institution

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs, POs and PSOs

YEAR-SEM: IV-I		A.Y:2022-23															SUBJECT:MWOC															FACULTY NAME: K.VAMSI ANUSWETHA															EXTERNAL MARKS		
S.NO.	ROLL NO.	Q1			Q2			Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE			ASSIGNMENT																				
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L																		
1	19X41A0401	7	70	3	6	60	2	6	60	2	12	60	2	5	100	3	7	70	3	8	80	3	6	60	2	20	100	3	5	100	3	53	70.67	3															
2	19X41A0402	10	100	3	9	90	3	10	100	3	10	50	1	5	100	3	10	100	3	10	100	3	8	80	3	19	95	3	5	100	3	45	60.00	2															
3	19X41A0403	10	100	3	9	90	3	9	90	3	16	80	3	5	100	3	10	100	3	10	100	3	9	90	3	19	95	3	5	100	3	53	70.67	3															
4	19X41A0404	9	90	3	10	100	3	9	90	3	12	60	2	5	100	3	9	90	3	10	100	3	9	90	3	19	95	3	5	100	3	38	50.67	1															
5	19X41A0405	6	60	2	9	90	3	8	80	3	13	65	2	5	100	3		0	0		0	0		0	0		0	0	5	100	3	23	30.67	0															
6	19X41A0406	0	0	0	0	0	0	3	30	0	13	65	2	5	100	3	0	0	0	9	90	3	0	0	0	20	100	3	5	100	3	23	30.67	0															
7	19X41A0407	5	50	1	10	100	3	7	70	3	14	70	3	5	100	3	9	90	3	10	100	3	4	40	1	20	100	3	5	100	3	38	50.67	1															
8	19X41A0408	7	70	3	8	80	3	7	70	3	15	75	3	5	100	3	9	90	3	10	100	3	9	90	3	20	100	3	5	100	3	38	50.67	1															
9	19X41A0409	5	50	1	7	70	3	4	40	1	14	70	3	5	100	3	8	80	3	10	100	3	5	50	1	20	100	3	5	100	3	38	50.67	1															
10	19X41A0410	5	50	1	8	80	3	6	60	2	13	65	2	5	100	3	7	70	3	10	100	3	4	40	1	20	100	3	5	100	3	38	50.67	1															
11	19X41A0411	9	90	3	10	100	3	0	0	0	18	90	3	5	100	3	8	80	3	10	100	3	7	70	3	20	100	3	5	100	3	38	50.67	1															
12	19X41A0412	7	70	3	0	0	0	7	70	3	8	40	1	5	100	3	6	60	2	10	100	3	7	70	3	20	100	3	5	100	3	38	50.67	1															
13	19X41A0413	6	60	2	8	80	3	5	50	1	13	65	2	5	100	3	8	80	3	10	100	3	6	60	2	16	80	3	5	100	3	45	60.00	2															
14	19X41A0414	8	80	3	10	100	3	6	60	2	15	75	3	5	100	3	7	70	3	10	100	3	9	90	3	20	100	3	5	100	3	53	70.67	3															
15	19X41A0415	7	70	3	4	40	1	3	30	0	12	60	2	5	100	3	5	50	1	3	30	0	4	40	1	20	100	3	5	100	3	38	50.67	1															
16	19X41A0416	8	80	3	9	90	3	0	0	0	17	85	3	5	100	3	3	30	0	8	80	3	8	80	3		0	0	5	100	3	53	70.67	3															
17	19X41A0417	8	80	3	9	90	3	0	0	0	19	95	3	5	100	3	9	90	3	10	100	3	7	70	3	19	95	3	5	100	3	45	60.00	2															
18	19X41A0418	5	50	1	5	50	1	2	20	0	13	65	2	5	100	3	2	20	0	10	100	3	7	70	3	20	100	3	5	100	3	38	50.67	1															
19	19X41A0419	7	70	3	4	40	1	7	70	3	6	30	0	5	100	3	8	80	3	10	100	3	8	80	3	18	90	3	5	100	3	38	50.67	1															
20	19X41A0420	8	80	3	8	80	3	5	50	1	15	75	3	5	100	3	8	80	3	10	100	3	9	90	3	18	90	3	5	100	3	38	50.67	1															
21	19X41A0421	8	80	3	7	70	3	5	50	1	14	70	3	5	100	3	8	80	3	10	100	3	7	70	3	20	100	3	5	100	3	38	50.67	1															
22	19X41A0422	8	80	3	8	80	3	7	70	3	16	80	3	5	100	3	8	80	3	10	100	3	8	80	3	20	100	3	5	100	3	38	50.67	1															
23	19X41A0423	5	50	1	0	0	0	5	50	1	17	85	3	5	100	3	0	0	0	10	100	3	6	60	2	18	90	3	5	100	3	23	30.67	0															
24	19X41A0424	7	70	3	10	100	3	8	80	3	15	75	3	5	100	3	9	90	3	10	100	3	9	90	3	19	95	3	5	100	3	38	50.67	1															
25	19X41A0425	9	90	3	10	100	3	9	90	3	10	50	1	5	100	3	9	90	3	10	100	3	8	80	3	18	90	3	5	100	3	38	50.67	1															
26	19X41A0426	9	90	3	10	100	3	9	90	3	16	80	3	5	100	3	9	90	3	10	100	3	6	60	2	20	100	3	5	100	3	23	30.67	0															
27	19X41A0428	8	80	3	8	80	3	0	0	0	13	65	2	5	100	3	2	20	0	10	100	3	5	50	1	19	95	3	5	100	3		0.00	0															
28	19X41A0429	8	80	3	10	100	3	10	100	3	18	90	3	5	100	3	6	60	2	10	100	3	8	80	3	20	100	3	5	100	3	38	50.67	1															
29	19X41A0431	6	60	2	0	0	0	0	0	0	14	70	3	5	100	3	8	80	3	10	100	3	8	80	3	20	100	3	5	100	3	38	50.67	1															
30	19X41A0432	3	30	0	8	80	3	5	50	1	18	90	3	5	100	3	8	80	3	9	90	3	6	60	2	19	95	3	5	100	3	38	50.67	1															
31	19X41A0433	0	0	0	10	100	3	0	0	0	15	75	3	5	100	3	7	70	3	10	100	3	6	60	2	20	100	3	5	100	3	38	50.67	1															
32	19X41A0434	7	70	3	9	90	3	6	60	2	6	30	0	5	100	3	8	80	3	10	100	3	8	80	3	20	100	3	5	100	3	38	50.67	1															
33	19X41A0435	0	0	0	0	0	0	0	0	0	14	70	3	5	100	3	1	10	0	9	90	3	4	40	1	20	100	3	5	100	3	38	50.67	1															
34	19X41A0438	10	100	3	10	100	3	9	90	3	14	70	3	5	100	3	9	90	3	10	100	3	6	60	2	20	100	3	5	100	3	38	50.67	1															

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108

36	19X41A0440	8	80	3	10	100	3	9	90	3	13	65	2	5	100	3	7	70	3	7	70	3	0	0	0	20	100	3	5	100	3	23	30.67	0
37	19X41A0441	0	0	0	4	40	1	5	50	1	13	65	2	5	100	3	9	90	3	10	100	3	8	80	3	20	100	3	5	100	3	38	50.67	1
38	19X41A0442	5	50	1	7	70	3	5	50	1	11	55	2	5	100	3	7	70	3	10	100	3	6	60	2	20	100	3	5	100	3	23	30.67	0
39	19X41A0443	9	90	3	10	100	3	9	90	3	16	80	3	5	100	3	6	60	2	10	100	3	7	70	3	20	100	3	5	100	3	38	50.67	1
40	19X41A0445	6	60	2	9	90	3	4	40	1	16	80	3	5	100	3	6	60	2	9	90	3	8	80	3	20	100	3	5	100	3	45	60.00	2
41	19X41A0446	7	70	3	9	90	3	6	60	2	17	85	3	5	100	3	6	60	2	10	100	3	6	60	2	19	95	3	5	100	3	45	60.00	2
42	19X41A0447	8	80	3	9	90	3	8	80	3	7	35	0	5	100	3	9	90	3	10	100	3	7	70	3	12	60	2	5	100	3	23	30.67	0
43	19X41A0448	8	80	3	6	60	2	2	20	0	17	85	3	5	100	3	6	60	2	10	100	3	7	70	3	19	95	3	5	100	3	45	60.00	2
44	19X41A0449	8	80	3	9	90	3	8	80	3	15	75	3	5	100	3	6	60	2	10	100	3	4	40	1	20	100	3	5	100	3	45	60.00	2
45	19X41A0450	7	70	3	8	80	3	5	50	1	18	90	3	5	100	3	9	90	3	7	70	3	9	90	3	20	100	3	5	100	3	45	60.00	2
46	19X41A0451	8	80	3	8	80	3	0	0	0	13	65	2	5	100	3	9	90	3	0	0	0	10	100	3	20	100	3	5	100	3	45	60.00	2
47	19X41A0452	3	30	0	4	40	1	5	50	1	10	50	1	5	100	3	6	60	2	5	50	1	1	10	0	20	100	3	5	100	3	38	50.67	1
48	19X41A0453	9	90	3	10	100	3	9	90	3	18	90	3	5	100	3	8	80	3	10	100	3	6	60	2	20	100	3	5	100	3	38	50.67	1
49	19X41A0454	7	70	3	7	70	3	6	60	2	13	65	2	5	100	3	8	80	3	10	100	3	6	60	2	19	95	3	5	100	3	38	50.67	1
50	19X41A0455	1	10	0	0	0	0	0	0	0	12	60	2	5	100	3	8	80	3	0	0	0	6	60	2	19	95	3	5	100	3	45	60.00	2
51	19X41A0456	6	60	2	8	80	3	0	0	0	13	65	2	5	100	3	5	50	1	9	90	3	5	50	1	20	100	3	5	100	3	45	60.00	2
52	19X41A0457	8	80	3	9	90	3	8	80	3	13	65	2	5	100	3	9	90	3	10	100	3	6	60	2	8	40	1	5	100	3	23	30.67	0
53	19X41A0458	8	80	3	8	80	3	5	50	1	8	40	1	5	100	3	8	80	3	10	100	3	6	60	2	20	100	3	5	100	3	23	30.67	0
54	19X41A0460	9	90	3	10	100	3	9	90	3	9	45	1	5	100	3	9	90	3	9	90	3	8	80	3	19	95	3	5	100	3	45	60.00	2
55	19X41A0461	9	90	3	9	90	3	5	50	1	10	50	1	5	100	3	5	50	1	10	100	3	7	70	3	20	100	3	5	100	3	38	50.67	1
56	19X41A0463	9	90	3	9	90	3	8	80	3	11	55	2	5	100	3	7	70	3	10	100	3	6	60	2	20	100	3	5	100	3	45	60.00	2
57	19X41A0467	0	0	0	1	10	0	0	0	0	14	70	3	5	100	3	2	20	0	9	90	3	5	50	1	18	90	3	5	100	3	23	30.67	0
58	19X41A0468	7	70	3	0	0	0	0	0	0	10	50	1	5	100	3	4	40	1	0	0	0	5	50	1	17	85	3	5	100	3	23	30.67	0
59	19X41A0469	8	80	3	9	90	3	5	50	1	13	65	2	5	100	3	8	80	3	10	100	3	7	70	3	13	65	2	5	100	3	23	30.67	0
60	19X41A0470	5	50	1	9	90	3	9	90	3	15	75	3	5	100	3	8	80	3	2	20	0	6	60	2	20	100	3	5	100	3	23	30.67	0
61	19X41A0471	2	20	0	0	0	0	0	0	0	15	75	3	5	100	3	3	30	0	10	100	3	8	80	3	11	55	2	5	100	3	23	30.67	0
62	19X41A0472	8	80	3	10	100	3	4	40	1	14	70	3	5	100	3	8	80	3	10	100	3	7	70	3	20	100	3	5	100	3	45	60.00	2
63	19X41A0473	9	90	3	10	100	3	6	60	2	15	75	3	5	100	3	9	90	3	10	100	3	7	70	3	17	85	3	5	100	3	38	50.67	1
64	19X41A0474	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	8	80	3	9	90	3	6	60	2	20	100	3	5	100	3	45	60.00	2
65	19X41A0475	0	0	0	1	10	0	0	0	0	13	65	2	5	100	3	0	0	0	3	30	0	1	10	0	19	95	3	5	100	3	45	60.00	2
66	19X41A0476	9	90	3	0	0	0	1	10	0	17	85	3	5	100	3	9	90	3	10	100	3	4	40	1	19	95	3	5	100	3	23	30.67	0
67	19X41A0477	9	90	3	7	70	3	7	70	3	15	75	3	5	100	3	9	90	3	10	100	3	7	70	3	19	95	3	5	100	3	38	50.67	1
68	19X41A0478	7	70	3	2	20	0	5	50	1	16	80	3	5	100	3	6	60	2	10	100	3	7	70	3	11	55	2	5	100	3	38	50.67	1
69	19X41A0479	8	80	3	0	0	0	8	80	3	16	80	3	5	100	3	9	90	3	6	60	2	7	70	3	20	100	3	5	100	3	38	50.67	1
70	19X41A0480	6	60	2	6	60	2	3	30	0	12	60	2	5	100	3	0	0	0	10	100	3	6	60	2	20	100	3	5	100	3	23	30.67	0
71	19X41A0482	4	40	1	4	40	1	3	30	0	7	35	0	5	100	3	0	0	0	2	20	0	2	20	0	17	85	3	5	100	3	38	50.67	1
72	19X41A0483	6	60	2	6	60	2	2	20	0	12	60	2	5	100	3	8	80	3	10	100	3	6	60	2	19	95	3	5	100	3	38	50.67	1
73	19X41A0484	7	70	3	7	70	3	2	20	0	12	60	2	5	100	3	7	70	3	10	100	3	6	60	2	17	85	3	5	100	3	38	50.67	1
74	19X41A0485	7	70	3	7	70	3	7	70	3	14	70	3	5	100	3	8	80	3	10	100	3	8	80	3	20	100	3	5	100	3	23	30.67	0
75	19X41A0486	8	80	3	8	80	3	9	90	3	7	35	0	5	100	3	4	40	1	9	90	3	9	90	3	19	95	3	5	100	3	38	50.67	1
76	19X41A0488	8	80	3	10	100	3	7	70	3	16	80	3	5	100	3	10	100	3	10	100	3	8	80	3	20	100	3	5	100	3	38	50.67	1
77	19X41A0489	4	40	1	6	60	2	5	50	1	9	45	1	5	100	3	8	80	3	10	100	3	5	50	1	18	90	3	5	100	3	38	50.67	1

79	19X41A0491	7	70	3	0	0	0	1	10	0	60	2	5	100	3	8	80	3	10	100	3	7	70	3	20	100	3	5	100	3	38	50.67	1	
80	19X41A0492	0	0	0	3	30	0	0	0	0	12	60	2	5	100	3	2	20	0	10	100	3	7	70	3	18	90	3	5	100	3	38	50.67	1
81	19X41A0493	6	60	2	8	80	3	5	50	1	17	85	3	5	100	3	8	80	3	10	100	3	7	70	3	17	85	3	5	100	3	38	50.67	1
82	19X41A0495	5	50	1	2	20	0	0	0	0	18	90	3	5	100	3	7	70	3	10	100	3	3	30	0	20	100	3	5	100	3	23	30.67	0
83	19X41A0497	7	70	3	10	100	3	8	80	3	16	80	3	5	100	3	9	90	3	10	100	3	7	70	3	19	95	3	5	100	3	38	50.67	1
84	19X41A0499	6	60	2	0	0	0	0	0	0	10	50	1	5	100	3	6	60	2	0	0	0	7	70	3	20	100	3	5	100	3	38	50.67	1
85	19X41A04A0	4	40	1	1	10	0	6	60	2	10	50	1	5	100	3	8	80	3	10	100	3	7	70	3	18	90	3	5	100	3	23	30.67	0
86	19X41A04A1	7	70	3	8	80	3	9	90	3	15	75	3	5	100	3	0	0	0	4	40	1	7	70	3	19	95	3	5	100	3	38	50.67	1
87	19X41A04A2	7	70	3	7	70	3	6	60	2	15	75	3	5	100	3	5	50	1	10	100	3	3	30	0	19	95	3	5	100	3	38	50.67	1
88	19X41A04A3	5	50	1	5	50	1	4	40	1	9	45	1	5	100	3	7	70	3	8	80	3	5	50	1	20	100	3	5	100	3	23	30.67	0
89	19X41A04A4	5	50	1	7	70	3	7	70	3	19	95	3	5	100	3	7	70	3	8	80	3	6	60	2	20	100	3	5	100	3	23	30.67	0
90	20X45A0401	9	90	3	9	90	3	7	70	3	14	70	3	5	100	3	10	100	3	10	100	3	8	80	3	20	100	3	5	100	3	38	50.67	1
91	20X45A0402	8	80	3	8	80	3	8	80	3	11	55	2	5	100	3	8	80	3	10	100	3	6	60	2	18	90	3	5	100	3	38	50.67	1
92	20X45A0403	7	70	3	9	90	3	5	50	1	11	55	2	5	100	3	8	80	3	10	100	3	4	40	1	19	95	3	5	100	3	23	30.67	0
93	20X45A0404	9	90	3	10	100	3	7	70	3	11	55	2	5	100	3	5	50	1	10	100	3	6	60	2	20	100	3	5	100	3	38	50.67	1
94	20X45A0405	9	90	3	9	90	3	5	50	1	14	70	3	5	100	3	5	50	1	10	100	3	7	70	3	20	100	3	5	100	3	38	50.67	1
95	20X45A0406	8	80	3	9	90	3	5	50	1	19	95	3	5	100	3	9	90	3	10	100	3	6	60	2	20	100	3	5	100	3	23	30.67	0
96	20X45A0407	9	90	3	9	90	3	7	70	3	12	60	2	5	100	3	9	90	3	10	100	3	7	70	3	18	90	3	5	100	3	45	60.00	2
97	20X45A0408	7	70	3	10	100	3	8	80	3	14	70	3	5	100	3	9	90	3	10	100	3	9	90	3	18	90	3	5	100	3	38	50.67	1
98	20X45A0409	9	90	3	10	100	3	9	90	3	13	65	2	5	100	3	9	90	3	10	100	3	9	90	3	19	95	3	5	100	3	38	50.67	1
99	20X45A0410	7	70	3	10	100	3	6	60	2	16	80	3	5	100	3	3	30	0	7	70	3	10	100	3	0	0	5	100	3	45	60.00	2	
100	20X45A0411	9	90	3	9	90	3	5	50	1	14	70	3	5	100	3	7	70	3	10	100	3	9	90	3	19	95	3	5	100	3	38	50.67	1
101	20X45A0412	8	80	3	8	80	3	8	80	3	12	60	2	5	100	3	9	90	3	10	100	3	7	70	3	20	100	3	5	100	3	38	50.67	1
102	20X45A0414	8	80	3	9	90	3	7	70	3	15	75	3	5	100	3	3	30	0	10	100	3	9	90	3	17	85	3	5	100	3	38	50.67	1
103	20X45A0415	7	70	3	8	80	3	7	70	3	9	45	1	5	100	3	8	80	3	10	100	3	8	80	3	19	95	3	5	100	3	45	60.00	2
104	20X45A0416	10	100	3	10	100	3	9	90	3	14	70	3	5	100	3	9	90	3	10	100	3	9	90	3	18	90	3	5	100	3	38	50.67	1
105	20X45A0417	10	100	3	9	90	3	9	90	3	17	85	3	5	100	3	8	80	3	10	100	3	6	60	2	20	100	3	5	100	3	38	50.67	1
106	20X45A0418	10	100	3	10	100	3	9	90	3	16	80	3	5	100	3	8	80	3	10	100	3	6	60	2	19	95	3	5	100	3	38	50.67	1
107	20X45A0419	9	90	3	9	90	3	6	60	2	18	90	3	5	100	3	0	0	0	10	100	3	7	70	3	20	100	3	5	100	3	38	50.67	1
AVERAGE		6.78	67.2	2.34	6.99	69.25	2.29	5.23	51.78	1.64	13.59	67	2.3	5	100	3	6.73	66.64	2.27	8.95	88.69	2.7	6.5	64.39	2.26	18.88	91.78	2.86	5	100	3	36.36	48	1.02
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)		
CO WISE SUM		2.34			2.29			1.64			2.3			3			2.27			2.7			2.26			2.86			3			1.02		

Handwritten signature

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	2.34	2.3	3	1.02	1.38	96.88	2.91	1.69	65	56.33
CO2	2.29	2.3	3	1.02	1.37	97.25	2.92	1.68	65	56.00
CO3	1.955	2.58	3	1.02	1.37	94.13	2.82	1.66	65	55.33
CO4	2.7	2.86	3	1.02	1.47	94.50	2.84	1.74	65	58.00
CO5	2.26	2.86	3	1.02	1.43	95.60	2.87	1.72	65	57.33

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject MWOC

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	3												1			1.69
CO2	2	3													1	1.68
CO3	1												1			1.66
CO4	1	2	1												2	1.74
CO5	1		2												2	1.72

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
13.55	8.52	5.18	0	0	0	0	0	0	0	0	0	3.35	0	8.6
1.69	1.7	1.73										1.68		1.72

CO-PO Matrix for all Subjects IV-I

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
MWOC	1.69	1.7	1.73												
DCCN	1.72	1.72	1.71	1.7	1.71	1.75		1.72	1.72				1.68		1.72
DIVP	1.53	1.52	1.51	1.51								1.72	1.72		
CSP(PE3)	2.48	2.47	2.48										1.51		
ES(PE4)	1.88		1.87		1.86						2.45	2.47	2.47		
IOT Lab	2.88	2.87	2.86		2.88	2.87							1.91	1.87	1.87
MWOC Lab	2.93	2.93	2.93	2.92		2.93						2.88		2.88	2.88
Project - Part I	2.96	2.97	2.97	2.96	2.97	2.97		2.97	2.96	2.96	2.96	2.97	2.97	2.97	2.97
Average	2.26	2.31	2.26	2.27	2.36	2.63		2.35	2.34	2.95	2.71	2.51	2.04	2.66	2.36

Chellappan

PRINCIPAL
S.R.K. INSTITUTE OF TECHNOLOGY
SRI SIVAJI, WAYALATA-521 109

2019-23 Admitted Batch Semester Wise Average Attainments

SEMESTER	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
I-I	2.18	2.3	2.2	2.23	2.34	2.39	2.39	2.89	2.89	2.82		2.14	2.01	2.06	2.01
I-II	2.07	2.1	2.03	1.94	2.5	2.86	2.81	2.94	2.5	2.51	2.96	2.02	1.99	2.07	2.06
II-I	1.98	1.94	1.87	1.94	1.8	2.18	1.67	2.3	2.2	1.78	1.5	2	2.14	1.73	1.88
II-II	1.91	1.91	1.78	1.89	2.17	2.71		2.7	2.71	2.02		2.02	1.9	1.83	1.85
III-I	2.12	2.11	2.11	2.08	2.4	2.72	1.3	2.74	2.73	1.98	2.78	2.49	2.03	1.96	2.07
III-II	2.03	2.11	2.03		2.68			2.67		1.97			2.04	2.06	2.32
IV-I	2.26	2.31	2.26	2.27	2.36	2.63		2.35	2.34	2.95	2.71	2.51	2.04	2.66	2.36

Dr. S. SRI GOWRI, M.Tech., Ph.D.,
Professor & Head of E.C.E. Dept.
S.R.K. Institute of Technology



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Andhra Pradesh

Accredited with NAAC 'A' grade

ISO 9001:2015 Certified Institution

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs, POs and PSOs

YEAR-SEM: IV-I		A.Y:2022-23									SUBJECT:DCCN									FACULTY NAME: P. RATNA BHASKAR									EXTERNAL MARKS					
S.NO.	ROLL NO.	Q1			Q2			MID-I			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE						ASSIGNMENT		
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L				Marks	%	L
1	19X41A0401	7	70	3	5	50	1	2	20	0	15	75	3	5	100	3	8	80	3	6	60	2	3	30	0	20	100	3	5	100	3	23	30.67	0
2	19X41A0402	10	100	3	9	90	3	8	80	3	15	75	3	5	100	3	10	100	3	8	80	3	9	90	3	19	95	3	5	100	3	60	80.00	3
3	19X41A0403	9	90	3	10	100	3	8	80	3	18	90	3	5	100	3	10	100	3	9	90	3	9	90	3	19	95	3	5	100	3	68	90.67	3
4	19X41A0404	7	70	3	5	50	1	4	40	1	17	85	3	5	100	3	10	100	3	5	50	1	10	100	3	19	95	3	5	100	3	53	70.67	3
5	19X41A0405	0	0	0	4	40	1	5	50	1	12	60	2	5	100	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	19X41A0406	5	50	1	0	0	0	0	0	0	13	65	2	5	100	3	3	30	0	0	0	2	20	0	20	100	3	5	100	3	23	30.67	0	
7	19X41A0407	9	90	3	8	80	3	8	80	3	19	95	3	5	100	3	10	100	3	6	60	2	8	80	3	20	100	3	5	100	3	38	50.67	1
8	19X41A0408	7	70	3	8	80	3	7	70	3	11	55	2	5	100	3	10	100	3	10	100	3	8	80	3	20	100	3	5	100	3	53	70.67	3
9	19X41A0409	7	70	3	7	70	3	5	50	1	18	90	3	5	100	3	9	90	3	2	20	0	6	60	2	20	100	3	5	100	3	45	60.00	2
10	19X41A0410	7	70	3	6	60	2	5	50	1	14	70	3	5	100	3	7	70	3	0	0	5	50	1	20	100	3	5	100	3	53	70.67	3	
11	19X41A0411	7	70	3	6	60	2	4	40	1	17	85	3	5	100	3	8	80	3	6	60	2	3	30	0	20	100	3	5	100	3	60	80.00	3
12	19X41A0412	3	30	0	2	20	0	4	40	1	19	95	3	5	100	3	9	90	3	0	0	10	100	3	20	100	3	5	100	3	38	50.67	1	
13	19X41A0413	7	70	3	7	70	3	9	90	3	9	45	1	5	100	3	9	90	3	8	80	3	8	80	3	16	80	3	5	100	3	45	60.00	2
14	19X41A0414	6	60	2	5	50	1	7	70	3	18	90	3	5	100	3	10	100	3	6	60	2	8	80	3	20	100	3	5	100	3	60	80.00	3
15	19X41A0415	5	50	1	0	0	2	20	0	13	65	2	5	100	3	9	90	3	4	40	1	7	70	3	20	100	3	5	100	3	45	60.00	2	
16	19X41A0416	7	70	3	2	20	0	2	20	0	16	80	3	5	100	3	9	90	3	5	50	1	4	40	1	0	0	5	100	3	23	30.67	0	
17	19X41A0417	8	80	3	6	60	2	7	70	3	17	85	3	5	100	3	9	90	3	2	20	0	10	100	3	19	95	3	5	100	3	45	60.00	2
18	19X41A0418	6	60	2	5	50	1	5	50	1	18	90	3	5	100	3	9	90	3	3	30	0	3	30	0	20	100	3	5	100	3	53	70.67	3
19	19X41A0419	8	80	3	5	50	1	1	10	0	8	40	1	5	100	3	9	90	3	4	40	1	5	50	1	18	90	3	5	100	3	45	60.00	2
20	19X41A0420	8	80	3	9	90	3	6	60	2	16	80	3	5	100	3	9	90	3	9	90	3	7	70	3	18	90	3	5	100	3	53	70.67	3
21	19X41A0421	9	90	3	8	80	3	3	30	0	16	80	3	5	100	3	9	90	3	10	100	3	7	70	3	20	100	3	5	100	3	23	30.67	0
22	19X41A0422	7	70	3	7	70	3	3	30	0	10	50	1	5	100	3	10	100	3	0	0	9	90	3	20	100	3	5	100	3	53	70.67	3	
23	19X41A0423	7	70	3	5	50	1	5	50	1	17	85	3	5	100	3	7	70	3	0	0	2	20	0	18	90	3	5	100	3	60	80.00	3	
24	19X41A0424	6	60	2	5	50	1	5	50	1	19	95	3	5	100	3	10	100	3	10	100	3	8	80	3	19	95	3	5	100	3	53	70.67	3
25	19X41A0425	8	80	3	9	90	3	9	90	3	12	60	2	5	100	3	8	80	3	7	70	3	8	80	3	18	90	3	5	100	3	68	90.67	3
26	19X41A0426	10	100	3	9	90	3	7	70	3	18	90	3	5	100	3	10	100	3	7	70	3	5	50	1	20	100	3	5	100	3	60	80.00	3
27	19X41A0428	6	60	2	4	40	1	0	0	0	14	70	3	0	0	0	8	80	3	0	0	4	40	1	19	95	3	0	0	0	53	70.67	3	
28	19X41A0429	8	80	3	4	40	1	4	40	1	15	75	3	5	100	3	8	80	3	7	70	3	7	70	3	20	100	3	5	100	3	38	50.67	1
29	19X41A0431	9	90	3	7	70	3	5	50	1	14	70	3	5	100	3	10	100	3	9	90	3	10	100	3	20	100	3	5	100	3	23	30.67	0
30	19X41A0432	7	70	3	7	70	3	5	50	1	20	100	3	5	100	3	8	80	3	6	60	2	10	100	3	19	95	3	5	100	3	60	80.00	3
31	19X41A0433	8	80	3	6	60	2	7	70	3	17	85	3	5	100	3	6	60	2	5	50	1	8	80	3	20	100	3	5	100	3	60	80.00	3
32	19X41A0434	2	20	0	4	40	1	1	10	0	17	85	3	5	100	3	4	40	1	6	60	2	9	90	3	20	100	3	5	100	3	23	30.67	0
33	19X41A0435	7	70	3	5	50	1	0	0	0	12	60	2	5	100	3	7	70	3	5	50	1	7	70	3	20	100	3	5	100	3	23	30.67	0
34	19X41A0438	8	80	3	7	70	3	8	80	3	19	95	3	5	100	3	10	100	3	10	100	3	8	80	3	20	100	3	5	100	3	60	80.00	3

PRINCIPAL

36	19X41A0440	9	90	3	8	80	3	7	70	3	95	3	5	100	3	10	100	3	8	80	3	8	80	3	8	80	3	10	100	3	20	100	3	5	100	3	53	70.67	3
37	19X41A0441	6	60	2	2	20	0	5	50	1	75	3	5	100	3	8	80	3	8	80	3	8	80	3	8	80	3	10	100	3	20	100	3	5	100	3	23	30.67	0
38	19X41A0442	5	50	1	6	60	2	2	20	0	11	55	2	5	100	3	9	90	3	6	60	2	8	80	3	20	100	3	5	100	3	5	100	3	53	70.67	3		
39	19X41A0443	9	90	3	9	90	3	7	70	3	14	70	3	5	100	3	10	100	3	6	60	2	9	90	3	20	100	3	5	100	3	5	100	3	68	90.67	3		
40	19X41A0445	8	80	3	7	70	3	7	70	3	19	95	3	5	100	3	10	100	3	6	60	2	8	80	3	20	100	3	5	100	3	5	100	3	23	30.67	0		
41	19X41A0446	7	70	3	7	70	3	7	70	3	16	80	3	5	100	3	10	100	3	10	100	3	8	80	3	19	95	3	5	100	3	5	100	3	45	60.00	2		
42	19X41A0447	7	70	3	6	60	2	7	70	3	11	55	2	5	100	3	10	100	3	5	50	1	10	100	3	12	60	2	5	100	3	60	80.00	3					
43	19X41A0448	7	70	3	2	20	0	7	70	3	16	80	3	5	100	3	8	80	3	4	40	1	2	20	0	19	95	3	5	100	3	60	80.00	3					
44	19X41A0449	8	80	3	8	80	3	8	80	3	19	95	3	5	100	3	8	80	3	8	80	3	9	90	3	20	100	3	5	100	3	60	80.00	3					
45	19X41A0450	6	60	2	7	70	3	7	70	3	20	100	3	5	100	3	10	100	3	8	80	3	8	80	3	20	100	3	5	100	3	23	30.67	0					
46	19X41A0451	7	70	3	5	50	1	7	70	3	16	80	3	5	100	3	7	70	3	7	70	3	6	60	2	0	0	0	5	100	3	45	60.00	2					
47	19X41A0452	1	10	0	0	0	4	40	1	13	65	2	5	100	3	8	80	3	3	30	0	3	30	0	20	100	3	5	100	3	38	50.67	1						
48	19X41A0453	9	90	3	10	100	3	8	80	3	18	90	3	5	100	3	10	100	3	8	80	3	9	90	3	20	100	3	5	100	3	60	80.00	3					
49	19X41A0454	7	70	3	6	60	2	6	60	2	13	65	2	5	100	3	8	80	3	8	80	3	10	100	3	20	100	3	5	100	3	75	####	3					
50	19X41A0455	4	40	1	1	10	0	5	50	1	12	60	2	5	100	3	0	0	8	80	3	8	80	3	5	25	0	5	100	3	38	50.67	1						
51	19X41A0456	8	80	3	2	20	0	2	20	0	11	55	2	5	100	3	7	70	3	7	70	3	3	30	0	19	95	3	5	100	3	60	80.00	3					
52	19X41A0457	8	80	3	2	20	0	2	20	0	14	70	3	5	100	3	10	100	3	10	100	3	10	100	3	10	100	3	18	90	3	5	100	3	45	60.00	2		
53	19X41A0458	5	50	1	4	40	1	0	0	6	30	0	5	100	3	10	100	3	7	70	3	0	0	17	85	3	5	100	3	60	80.00	3							
54	19X41A0460	8	80	3	8	80	3	6	60	2	9	45	1	5	100	3	8	80	3	6	60	2	10	100	3	18	90	3	5	100	3	38	50.67	1					
55	19X41A0461	8	80	3	7	70	3	6	60	2	17	85	3	5	100	3	9	90	3	10	100	3	8	80	3	19	95	3	5	100	3	68	90.67	3					
56	19X41A0463	8	80	3	8	80	3	8	80	3	16	80	3	5	100	3	10	100	3	3	30	0	10	100	3	20	100	3	5	100	3	45	60.00	2					
57	19X41A0467	3	30	0	0	0	0	0	16	80	3	5	100	3	6	60	2	0	0	6	60	2	19	95	3	5	100	3	23	30.67	0								
58	19X41A0468	9	90	3	0	0	0	0	6	30	0	5	100	3	0	0	10	100	3	5	50	1	14	70	3	5	100	3	53	70.67	3								
59	19X41A0469	7	70	3	2	20	0	5	50	1	15	75	3	5	100	3	8	80	3	8	80	3	5	50	1	14	70	3	5	100	3	53	70.67	3					
60	19X41A0470	9	90	3	6	60	2	6	60	2	17	85	3	5	100	3	10	100	3	8	80	3	8	80	3	18	90	3	5	100	3	23	30.67	0					
61	19X41A0471	4	40	1	6	60	2	6	60	2	10	50	1	5	100	3	9	90	3	5	50	1	10	100	3	18	90	3	5	100	3	23	30.67	0					
62	19X41A0472	7	70	3	6	60	2	7	70	3	18	90	3	5	100	3	10	100	3	7	70	3	79	790	20	100	3	5	100	3	45	60.00	2						
63	19X41A0473	8	80	3	6	60	2	6	60	2	15	75	3	5	100	3	10	100	3	8	80	3	10	100	3	19	95	3	5	100	3	68	90.67	3					
64	19X41A0474	0	0	0	0	0	0	0	0	0	0	0	5	100	3	9	90	3	8	80	3	3	30	0	20	100	3	5	100	3	23	30.67	0						
65	19X41A0475	0	0	1	10	0	1	10	0	11	55	2	5	100	3	6	60	2	4	40	1	3	30	0	18	90	3	5	100	3	23	30.67	0						
66	19X41A0476	8	80	3	5	50	1	4	40	1	19	95	3	5	100	3	6	60	2	0	0	2	20	0	19	95	3	5	100	3	23	30.67	0						
67	19X41A0477	5	50	1	5	50	1	8	80	3	20	100	3	5	100	3	8	80	3	8	80	3	10	100	3	20	100	3	5	100	3	23	30.67	0					
68	19X41A0478	8	80	3	5	50	1	7	70	3	18	90	3	5	100	3	5	50	1	8	80	3	9	90	3	6	30	0	5	100	3	38	50.67	1					
69	19X41A0479	6	60	2	3	30	0	6	60	2	16	80	3	5	100	3	6	60	2	6	60	2	8	80	3	12	60	2	5	100	3	60	80.00	3					
70	19X41A0480	7	70	3	6	60	2	5	50	1	18	90	3	5	100	3	6	60	2	6	60	2	4	40	1	19	95	3	5	100	3	53	70.67	3					
71	19X41A0482	5	50	1	5	50	1	5	50	1	4	20	0	5	100	3	0	0	4	40	1	4	40	1	5	25	0	5	100	3	23	30.67	0						
72	19X41A0483	8	80	3	5	50	1	4	40	1	5	25	0	5	100	3	6	60	2	8	80	3	10	100	3	19	95	3	5	100	3	53	70.67	3					
73	19X41A0484	4	40	1	2	20	0	1	10	0	18	90	3	5	100	3	8	80	3	7	70	3	8	80	3	19	95	3	5	100	3	60	80.00	3					
74	19X41A0485	9	90	3	8	80	3	9	90	3	13	65	2	5	100	3	10	100	3	10	100	3	6	60	2	20	100	3	5	100	3	53	70.67	3					
75	19X41A0486	7	70	3	5	50	1	7	70	3	14	70	3	5	100	3	6	60	2	7	70	3	4	40	1	17	85	3	5	100	3	60	80.00	3					
76	19X41A0488	9	90	3	8	80	3	7	70	3	16	80	3	5	100	3	7	70	3	8	80	3	7	70	3	20	100	3	5	100	3	60	80.00	3					
77	19X41A0489	7	70	3	5	50	1	4	40	1	13	65	2	5	100	3	7	70	3	8	80	3	5	50	1	15	75	3	5	100	3	53	70.67	3					

SRK INSTITUTE OF TECHNOLOGY
 ENIKERAPADU, VAYASWADA-521 108.

79	19X41A0491	9	90	3	5	50	1	6	60	2	75	3	5	100	3	8	80	3	6	60	2	8	80	3	19	95	3	5	100	3	45	60.00	2	
80	19X41A0492	8	80	3	3	30	0	3	30	0	60	2	5	100	3	8	80	3	9	90	3	8	80	3	18	90	3	5	100	3	23	30.67	0	
81	19X41A0493	8	80	3	8	80	3	7	70	3	13	65	2	5	100	3	9	90	3	8	80	3	4	40	1	20	100	3	5	100	3	60	80.00	3
82	19X41A0495	1	10	0	2	20	0	1	10	0	15	75	3	5	100	3	8	80	3	8	80	3	4	40	1	20	100	3	5	100	3	23	30.67	0
83	19X41A0497	9	90	3	8	80	3	8	80	3	17	85	3	5	100	3	7	70	3	9	90	3	8	80	3	19	95	3	5	100	3	75	####	3
84	19X41A0499	7	70	3	2	20	0	5	50	1	10	50	1	5	100	3	8	80	3	7	70	3		0	0	14	70	3	5	100	3	23	30.67	0
85	19X41A04A0	7	70	3		0	0	6	60	2	10	50	1	5	100	3	7	70	3	8	80	3	7	70	3	19	95	3	5	100	3	58	77.33	3
86	19X41A04A1	7	70	3	5	50	1	4	40	1	11	55	2	5	100	3	7	70	3	6	60	2	5	50	1	20	100	3	5	100	3	38	50.67	1
87	19X41A04A2	8	80	3	6	60	2	5	50	1	11	55	2	5	100	3	8	80	3	8	80	3	4	40	1	20	100	3	5	100	3	60	80.00	3
88	19X41A04A3	6	60	2	5	50	1	6	60	2	5	25	0	5	100	3	6	60	2	7	70	3	8	80	3	18	90	3	5	100	3	38	50.67	1
89	19X41A04A4	6	60	2	6	60	2	4	40	1	12	60	2	5	100	3	8	80	3	6	60	2	5	50	1	20	100	3	5	100	3	53	70.67	3
90	20X45A0401	9	90	3	8	80	3	7	70	3	15	75	3	5	100	3	8	80	3	10	100	3	9	90	3	20	100	3	5	100	3	60	80.00	3
91	20X45A0402	9	90	3	2	20	0	2	20	0	18	90	3	5	100	3	8	80	3	4	40	1	10	100	3	18	90	3	5	100	3	60	80.00	3
92	20X45A0403	4	40	1	3	30	0		0	0	14	70	3	5	100	3	6	60	2	5	50	1	7	70	3	19	95	3	5	100	3	45	60.00	2
93	20X45A0404	8	80	3	7	70	3	7	70	3	13	65	2	5	100	3	3	30	0	7	70	3	9	90	3	20	100	3	5	100	3	75	####	3
94	20X45A0405	8	80	3	8	80	3	8	80	3	17	85	3	5	100	3	8	80	3	9	90	3	9	90	3	20	100	3	5	100	3	60	80.00	3
95	20X45A0406	7	70	3	8	80	3	1	10	0	18	90	3	5	100	3	10	100	3	2	20	0	5	50	1	20	100	3	5	100	3	53	70.67	3
96	20X45A0407	10	100	3	9	90	3	3	30	0	7	35	0	5	100	3		0	0	9	90	3	7	70	3	18	90	3	5	100	3	45	60.00	2
97	20X45A0408	9	90	3	8	80	3	8	80	3	16	80	3	5	100	3	9	90	3	8	80	3	10	100	3	18	90	3	5	100	3	68	90.67	3
98	20X45A0409	10	100	3	9	90	3	9	90	3	13	65	2	5	100	3	10	100	3	10	100	3	10	100	3	17	85	3	5	100	3	68	90.67	3
99	20X45A0410	7	70	3	7	70	3	7	70	3	15	75	3	5	100	3	9	90	3	8	80	3	9	90	3	13	65	2	5	100	3	38	50.67	1
100	20X45A0411	10	100	3	7	70	3	8	80	3	17	85	3	5	100	3	4	40	1	6	60	2	9	90	3	9	45	1	5	100	3	23	30.67	0
101	20X45A0412	8	80	3	6	60	2	7	70	3	16	80	3	5	100	3	7	70	3	6	60	2	8	80	3	20	100	3	5	100	3	60	80.00	3
102	20X45A0414	7	70	3	8	80	3	6	60	2	15	75	3	5	100	3	10	100	3	4	40	1	9	90	3	13	65	2	5	100	3	60	80.00	3
103	20X45A0415	8	80	3	8	80	3	1	10	0	20	100	3	5	100	3	8	80	3		0	0	8	80	3	14	70	3	5	100	3	53	70.67	3
104	20X45A0416	10	100	3	9	90	3	9	90	3	18	90	3	5	100	3	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	68	90.67	3
105	20X45A0417	8	80	3	2	20	0	2	20	0	14	70	3	5	100	3	4	40	1	6	60	2	8	80	3	20	100	3	5	100	3	45	60.00	2
106	20X45A0418	10	100	3		0	0	9	90	3	18	90	3	5	100	3		0	0	9	90	3	9	90	3	19	95	3	5	100	3	53	70.67	3
107	20X45A0419	7	70	3		0	0	7	70	3	7	35	0	5	100	3		0	0	8	80	3	8	80	3	17	85	3	5	100	3	45	60.00	2
AVERAGE		7.2	70	2.5	5.83	53.36	1.66	5.52	51.03	1.64	14.52	72	2.43	5	99.07	2.97	8.17	76.36	2.57	6.98	62.62	2.09	7.93	77.1	2.25	18.16	88.27	2.76	5	99.07	2.97	47.58	63	2.03
COURSE OUTCOMES		CO1		CO2		CO3		ONLINE (CO1-CO3)		ASSIGNMENT (CO1-CO3)		CO3		CO4		CO5		ONLINE (CO3-CO5)		ASSIGNMENT (CO3-CO5)		EXTERNAL (CO1-CO5)												
CO WISE SUM		2.5		1.66		1.64		2.43		2.97		2.57		2.09		2.25		2.76		2.97		2.03												

Principals

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKERAPU, VIJAYAWADA-521 108.

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE	
CO1	2.5	2.43	2.97	2.03	2.16	2.03	0.06	1.74	65	58.00
CO2	1.66	2.43	2.97	2.03	2.08	2.03	0.06	1.68	65	56.00
CO3	1.64	2.6	2.97	2.03	2.1	2.03	0.06	1.69	65	56.33
CO4	2.09	2.76	2.97	2.03	2.16	2.03	0.06	1.74	65	58.00
CO5	2.25	2.76	2.97	2.03	2.17	2.03	0.06	1.75	65	58.33

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject DCCN

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	3	3	2			3		2	2			2	3			1.74
CO2	3	3	3	3	3			2	2			2	3			1.68
CO3	3	3	3	3				2	2			2	3			1.69
CO4	3	3	3	3	3			2	2			2	3			1.74
CO5	3	1	1			3		2	2			2	3			1.75

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
25.8	22.3	20.56	15.33	10.26	10.47		17.2	17.2			17.2	25.8		
1.72	1.72	1.71	1.7	1.71	1.75		1.72	1.72			1.72	1.72		

CO-PO Matrix for all Subjects IV-I

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
MWOC	1.69	1.7	1.73										1.68		1.72
DCCN	1.72	1.72	1.71	1.7	1.71	1.75		1.72	1.72			1.72	1.72		
DIVP	1.53	1.52	1.51	1.51									1.51		
CSP(PE3)	2.48	2.47	2.48								2.45	2.47	2.47		
ES(PE4)	1.88		1.87		1.86								1.91	1.87	1.87
IOT Lab	2.88	2.87	2.86		2.88	2.87						2.88		2.88	2.88
MWOC Lab	2.93	2.93	2.93	2.92		2.93				2.93				2.93	
Project - Part I	2.96	2.97	2.97	2.96	2.97	2.97		2.97	2.96	2.96	2.96	2.97	2.97	2.97	2.97
Average	2.26	2.31	2.26	2.27	2.36	2.63		2.35	2.34	2.95	2.71	2.51	2.04	2.66	2.36

2019-23 Admitted Batch Semester Wise Average Attainments

SEMESTER	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
I-I	2.18	2.3	2.2	2.23	2.34	2.39	2.39	2.89	2.89	2.82		2.14	2.01	2.06	2.01
I-II	2.07	2.1	2.03	1.94	2.5	2.86	2.81	2.94	2.5	2.51	2.96	2.02	1.99	2.07	2.96
II-I	1.98	1.94	1.87	1.94	1.8	2.18	1.67	2.3	2.2	1.78	1.5	2	2.14	1.73	1.85
II-II	1.91	1.91	1.78	1.89	2.17	2.71		2.7	2.71	2.02		2.02	1.9	1.83	2.07
III-I	2.12	2.11	2.11	2.08	2.4	2.72	1.3	2.74	2.73	1.98	2.78	2.49	2.03	1.96	2.07
III-II	2.03	2.11	2.03		2.68			2.67		1.97			2.04	2.06	2.32
IV-I	2.26	2.31	2.26	2.27	2.36	2.63		2.35	2.34	2.95	2.71	2.51	2.04	2.66	2.36

(Handwritten signature)

PRINCIPAL
SRI GOWN
SRM INSTITUTE OF TECHNOLOGY
ENIGUPADU, VIJAYAWADA, P.H.D.
Dr. S. SRI GOWRI, M.Tech, Ph.D.
Professor & Head of E.C.E. Dept.
S.R.K. Institute of Technology

Phd



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADI VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

ISO 9001:2015 Certified Institution

Accredited with NAAC 'A' grade

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

YEAR-SEM: IV-I		A.Y:2022-23									SUBJECT: DIVP						FACULTY NAME : T.VISHNU PRIYA												EXTERNAL MARKS					
S.NO.	ROLL NO.	Q1			Q2			Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE						ASSIGNMENT		
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L				Marks	%	L
1	19X41A0401	9	90	3	5	50	1	7	70	3	7	35	0	5	100	3	9	90	3	8	80	3		0	0	8	40	1	5	100	3	53	70.67	3
2	19X41A0402	10	100	3	6	60	2	7	70	3	12	60	2	5	100	3	9	90	3	10	100	3	6	60	2	8	40	1	5	100	3	45	60	2
3	19X41A0403	10	100	3	6	60	2	10	100	3	9	45	1	5	100	3	9	90	3	10	100	3	8	80	3	11	55	2	5	100	3	53	70.67	3
4	19X41A0404	8	80	3	3	30	0	2	20	0	8	40	1	5	100	3	9	90	3	10	100	3	8	80	3	9	45	1	5	100	3	38	50.67	1
5	19X41A0405	5	50	1	1	10	0		0	0	12	60	2	5	100	3		0	0		0	0		0	0		0	0	5	100	3	23	30.67	0
6	19X41A0406		0	0	2	20	0		0	0	9	45	1	5	100	3	1	10	0	3	30	0	1	10	0	8	40	1	5	100	3	23	30.67	0
7	19X41A0407	10	100	3	4	40	1	4	40	1	11	55	2	5	100	3	9	90	3		0	0		0	0	8	40	1	5	100	3	38	50.67	1
8	19X41A0408	10	100	3	8	80	3	8	80	3	8	40	1	5	100	3	5	50	1	8	80	3	7	70	3	8	40	1	5	100	3	38	50.67	1
9	19X41A0409	6	60	2		0	0		0	0	11	55	2	5	100	3	4	40	1	6	60	2	2	20	0	10	50	1	5	100	3	38	50.67	1
10	19X41A0410	7	70	3		0	0		0	0	11	55	2	5	100	3	5	50	1		0	0	2	20	0	6	30	0	5	100	3	38	50.67	1
11	19X41A0411	8	80	3	8	80	3	1	10	0	8	40	1	5	100	3	8	80	3	5	50	1		0	0	9	45	1	5	100	3	38	50.67	1
12	19X41A0412	4	40	1		0	0		0	0	13	65	2	5	100	3	8	80	3	9	90	3	3	30	0	8	40	1	5	100	3	38	50.67	1
13	19X41A0413	9	90	3	7	70	3	6	60	2	10	50	1	5	100	3	8	80	3	8	80	3	7	70	3	14	70	3	5	100	3	45	60	2
14	19X41A0414	9	90	3	8	80	3	7	70	3	8	40	1	5	100	3	9	90	3	4	40	1	7	70	3	5	25	0	5	100	3	53	70.67	3
15	19X41A0415	6	60	2		0	0		0	0	9	45	1	5	100	3	3	30	0	2	20	0	1	10	0	9	45	1	5	100	3	38	50.67	1
16	19X41A0416	3	30	0	3	30	0	4	40	1	9	45	1	5	100	3	9	90	3	9	90	3	9	90	3	8	40	1	5	100	3	53	70.67	3
17	19X41A0417	10	100	3	6	60	2	1	10	0	9	45	1	5	100	3	7	70	3	7	70	3	3	30	0	11	55	2	5	100	3	45	60	2
18	19X41A0418	8	80	3	4	40	1	2	20	0	9	45	1	5	100	3	6	60	2	7	70	3	3	30	0	7	35	0	5	100	3	38	50.67	1
19	19X41A0419	1	10	0		0	0		0	0	10	50	1	5	100	3	5	50	1	8	80	3	5	50	1	10	50	1	5	100	3	38	50.67	1
20	19X41A0420	9	90	3	3	30	0	4	40	1	8	40	1	5	100	3	7	70	3	8	80	3	5	50	1	6	30	0	5	100	3	38	50.67	1
21	19X41A0421	9	90	3	9	90	3	4	40	1	10	50	1	5	100	3	7	70	3	6	60	2	4	40	1	12	60	2	5	100	3	38	50.67	1
22	19X41A0422	6	60	2	4	40	1		0	0	8	40	1	5	100	3	7	70	3	9	90	3		0	0	10	50	1	5	100	3	38	50.67	1

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADI, VIJAYAWADA-521 108.

23	19X41A0423	4	40	1		0	0		0	0	13	65	2	5	100	3	8	80	3		0	0	0	10	50	1	5	100	3	23	30.67	0		
24	19X41A0424	10	100	3	2	20	0	4	40	1	14	70	3	5	100	3	9	90	3	9	90	3	8	80	3	9	45	1	5	100	3	38	50.67	1
25	19X41A0425	10	100	3	8	80	3	9	90	3	12	60	2	5	100	3	8	80	3	9	90	3	8	80	3	9	45	1	5	100	3	38	50.67	1
26	19X41A0426	10	100	3		0	0	10	100	3	12	60	2	5	100	3	8	80	3	9	90	3		0	0	10	50	1	5	100	3	23	30.67	0
27	19X41A0428	9	90	3	1	10	0	2	20	0	9	45	1		0	0	8	80	3	7	70	3		0	0	5	25	0		0	0		0	0
28	19X41A0429	10	100	3	7	70	3	2	20	0	9	45	1	5	100	3	7	70	3	8	80	3	7	70	3	7	35	0	5	100	3	38	50.67	1
29	19X41A0431	10	100	3	4	40	1		0	0	7	35	0	5	100	3	7	70	3	7	70	3	8	80	3	12	60	2	5	100	3	38	50.67	1
30	19X41A0432	6	60	2		0	0		0	0	10	50	1	5	100	3	7	70	3	7	70	3	7	70	3	9	45	1	5	100	3	38	50.67	1
31	19X41A0433	4	40	1		0	0		0	0	12	60	2	5	100	3	8	80	3	9	90	3	5	50	1	11	55	2	5	100	3	38	50.67	1
32	19X41A0434	5	50	1		0	0		0	0	8	40	1	5	100	3	7	70	3	7	70	3	2	20	0	9	45	1	5	100	3	38	50.67	1
33	19X41A0435		0	0		0	0		0	0	6	30	0	5	100	3	7	70	3	5	50	1	2	20	0	9	45	1	5	100	3	38	50.67	1
34	19X41A0438	10	100	3	10	100	3	8	80	3	13	65	2	5	100	3	7	70	3	9	90	3	7	70	3	11	55	2	5	100	3	23	30.67	0
35	19X41A0439	10	100	3	7	70	3	2	20	0	13	65	2	5	100	3	8	80	3	8	80	3	7	70	3	6	30	0	5	100	3	23	30.67	0
36	19X41A0440	10	100	3	10	100	3	6	60	2	13	65	2	5	100	3	8	80	3	8	80	3	9	90	3	13	65	2	5	100	3	38	50.67	1
37	19X41A0441	9	90	3	3	30	0		0	0	10	50	1	5	100	3	8	80	3	9	90	3	7	70	3	12	60	2	5	100	3	23	30.67	0
38	19X41A0442	10	100	3	3	30	0	7	70	3	11	55	2	5	100	3	9	90	3	9	90	3	5	50	1	5	25	0	5	100	3	38	50.67	1
39	19X41A0443	10	100	3	8	80	3	9	90	3	11	55	2	5	100	3	8	80	3	8	80	3	7	70	3	8	40	1	5	100	3	23	30.67	0
40	19X41A0445	7	70	3	4	40	1	4	40	1	10	50	1	5	100	3	4	40	1	4	40	1	5	50	1	10	50	1	5	100	3	45	60	2
41	19X41A0446	10	100	3	6	60	2	7	70	3	12	60	2	5	100	3	9	90	3	8	80	3	8	80	3	6	30	0	5	100	3	45	60	2
42	19X41A0447	10	100	3	4	40	1	9	90	3	9	45	1	5	100	3	8	80	3	9	90	3		0	0	8	40	1	5	100	3	23	30.67	0
43	19X41A0448	7	70	3		0	0	4	40	1	6	30	0	5	100	3	6	60	2	6	60	2	3	30	0	11	55	2	5	100	3	45	60	2
44	19X41A0449	10	100	3	7	70	3	7	70	3	10	50	1	5	100	3	8	80	3	7	70	3	6	60	2	8	40	1	5	100	3	45	60	2
45	19X41A0450	9	90	3	7	70	3	8	80	3	10	50	1	5	100	3	7	70	3	9	90	3	8	80	3	10	50	1	5	100	3	45	60	2
46	19X41A0451	4	40	1	3	30	0		0	0	10	50	1	5	100	3	7	70	3	9	90	3	4	40	1	7	35	0	5	100	3	38	50.67	1
47	19X41A0452	5	50	1		0	0		0	0	9	45	1	5	100	3	7	70	3	6	60	2	5	50	1	5	25	0	5	100	3	53	70.67	3
48	19X41A0453	10	100	3	7	70	3	8	80	3	15	75	3	5	100	3	8	80	3	6	60	2	3	30	0	8	40	1	5	100	3	38	50.67	1
49	19X41A0454	9	90	3		0	0	6	60	2	9	45	1	5	100	3	7	70	3	6	60	2	8	80	3	4	20	0	5	100	3	38	50.67	1
50	19X41A0455		0	0		0	0		0	0	12	60	2	5	100	3	5	50	1	5	50	1		0	0	4	20	0	5	100	3	45	60	2
51	19X41A0456	5	50	1		0	0		0	0	5	25	0	5	100	3	2	20	0	1	10	0	1	10	0	3	15	0	5	100	3	45	60	2
52	19X41A0457	9	90	3	6	60	2		0	0	8	40	1	5	100	3	8	80	3	10	100	3	8	80	3	4	20	0	5	100	3	23	30.67	0

54	19X41A0458	9	90	3	9	90	3	2	20	0	9	45	1	5	100	3	7	70	3	9	90	3	7	70	3	3	15	0	5	100	3	23	30.67	0
55	19X41A0460	9	90	3		0	0	3	30	0	9	45	1	5	100	3	9	90	3	7	70	3	3	30	0	10	50	1	5	100	3	45	60	2
56	19X41A0461	9	90	3	3	30	0	4	40	1	6	30	0	5	100	3	8	80	3	7	70	3	3	30	0	4	20	0	5	100	3	38	50.67	1
57	19X41A0463		0	0	3	30	0		0	0	10	50	1	5	100	3	7	70	3	7	70	3	3	30	0	3	15	0	5	100	3	23	30.67	0
58	19X41A0467	3	30	0	2	20	0		0	0	9	45	1	5	100	3	8	80	3	7	70	3	3	30	0	8	40	1	5	100	3	23	30.67	0
59	19X41A0468	6	60	2	3	30	0		0	0	10	50	1	5	100	3	7	70	3	3	30	0	7	70	3	5	25	0	5	100	3	23	30.67	0
60	19X41A0469	4	40	1	2	20	0	4	40	1	13	65	2	5	100	3	7	70	3	4	40	1	5	50	1	3	15	0	5	100	3	23	30.67	0
61	19X41A0470	10	100	3		0	0		0	0	12	60	2	5	100	3	8	80	3	7	70	3	3	30	0	2	10	0	5	100	3	23	30.67	0
62	19X41A0471	10	100	3	2	20	0	5	50	1	9	45	1	5	100	3	8	80	3	8	80	3	7	70	3	7	35	0	5	100	3	45	60	2
63	19X41A0472	7	70	3	4	40	1	5	50	1	12	60	2	5	100	3	8	80	3	8	80	3	7	70	3	5	25	0	5	100	3	38	50.67	1
64	19X41A0473		0	0		0	0		0	0		0	0	5	100	3	8	80	3	7	70	3	6	60	2	9	45	1	5	100	3	45	60	2
65	19X41A0474	2	20	0		0	0		0	0	9	45	1	5	100	3	2	20	0		0	0		0	0	5	25	0	5	100	3	45	60	2
66	19X41A0475	5	50	1	2	20	0		0	0	9	45	1	5	100	3	5	50	1	4	40	1	5	50	1	12	60	2	5	100	3	23	30.67	0
67	19X41A0476	7	70	3	3	30	0	3	30	0	13	65	2	5	100	3	8	80	3	7	70	3	7	70	3	14	70	3	5	100	3	38	50.67	1
68	19X41A0477	3	30	0	4	40	1	2	20	0	14	70	3	5	100	3	8	80	3	8	80	3		0	0	11	55	2	5	100	3	38	50.67	1
69	19X41A0478		0	0	2	20	0		0	0	7	35	0	5	100	3	9	90	3	8	80	3		0	0	9	45	1	5	100	3	38	50.67	1
70	19X41A0479	6	60	2		0	0		0	0	10	50	1	5	100	3	6	60	2	5	50	1		0	0	6	30	0	5	100	3	23	30.67	0
71	19X41A0480	2	20	0	1	10	0		0	0	6	30	0	5	100	3	1	10	0	1	10	0		0	0	4	20	0	5	100	3	38	50.67	1
72	19X41A0481	4	40	1		0	0	2	20	0	11	55	2	5	100	3	7	70	3	9	90	3	2	20	0	4	20	0	5	100	3	38	50.67	1
73	19X41A0482	2	20	0	3	30	0	3	30	0	11	55	2	5	100	3	5	50	1	5	50	1		0	0	10	50	1	5	100	3	38	50.67	1
74	19X41A0483	4	40	1	4	40	1	6	60	2	8	40	1	5	100	3	8	80	3	5	50	1	2	20	0	12	60	2	5	100	3	23	30.67	0
75	19X41A0484	6	60	2		0	0		0	0	9	45	1	5	100	3	7	70	3	4	40	1	3	30	0	8	40	1	5	100	3	38	50.67	1
76	19X41A0485	6	60	2	8	80	3	8	80	3	12	60	2	5	100	3	8	80	3	7	70	3	4	40	1	10	50	1	5	100	3	38	50.67	1
77	19X41A0486	8	80	3	8	80	3	6	60	2	12	60	2	5	100	3	6	60	2	6	60	2	6	60	2	9	45	1	5	100	3	38	50.67	1
78	19X41A0487		0	0		0	0	7	70	3	14	70	3	5	100	3	7	70	3	8	80	3	2	20	0	7	35	0	5	100	3	38	50.67	1
79	19X41A0488	1	10	0		0	0	7	70	3	12	60	2	5	100	3	8	80	3	4	40	1		0	0	7	35	0	5	100	3	38	50.67	1
80	19X41A0489	1	10	0		0	0		0	0	7	35	0	5	100	3	7	70	3	8	80	3		0	0	5	25	0	5	100	3	38	50.67	1
81	19X41A0490	7	70	3	2	20	0	5	50	1	15	75	3	5	100	3	7	70	3	8	80	3		0	0	5	25	0	5	100	3	38	50.67	1
82	19X41A0491	2	20	0		0	0		0	0	7	35	0	5	100	3	4	40	1	5	50	1	2	20	0	10	50	1	5	100	3	23	30.67	0

84	19X41A0497	9	90	3	5	50	1	7	70	3	13	65	2	5	100	3	9	90	3	6	70	2	4	40	1	14	70	3	5	100	3	38	50.67	1
85	19X41A0499	1	10	0		0	0		0	0	2	10	0	5	100	3	7	70	3		0	0		0	0	9	45	1	5	100	3	38	50.67	1
86	19X41A04A0	2	20	0		0	0		0	0	4	20	0	5	100	3	7	70	3	7	70	3		0	0	9	45	1	5	100	3	38	50.67	1
87	19X41A04A1		0	0	2	20	0		0	0	9	45	1	5	100	3	8	80	3	8	80	3		0	0	9	45	1	5	100	3	23	30.67	0
88	19X41A04A2	7	70	3	7	70	3	7	70	3	15	75	3	5	100	3	8	80	3	7	70	3		0	0	7	35	0	5	100	3	38	50.67	1
89	19X41A04A3	8	80	3	7	70	3	7	70	3	10	50	1	5	100	3	7	70	3	7	70	3	4	40	1	10	50	1	5	100	3	38	50.67	1
90	19X41A04A4	2	20	0	3	30	0	7	70	3	10	50	1	5	100	3	6	60	2	2	20	0	3	30	0	5	25	0	5	100	3	23	30.67	0
91	20X45A0401	9	90	3	6	60	2	8	80	3	11	55	2	5	100	3	9	90	3	9	90	3	6	60	2	9	45	1	5	100	3	23	30.67	0
92	20X45A0402	5	50	1	2	20	0	7	70	3	9	45	1	5	100	3	7	70	3	6	60	2	4	40	1	9	45	1	5	100	3	38	50.67	1
93	20X45A0403	3	30	0	2	20	0	4	40	1	7	35	0	5	100	3	2	20	0	5	50	1	2	20	0	9	45	1	5	100	3	38	50.67	1
94	20X45A0404	7	70	3	7	70	3	8	80	3	6	30	0	5	100	3	8	80	3	8	80	3		0	0	7	35	0	5	100	3	23	30.67	0
95	20X45A0405	4	40	1	8	80	3	7	70	3	10	50	1	5	100	3	9	90	3	6	60	2		0	0	8	40	1	5	100	3	38	50.67	1
96	20X45A0406	2	20	0	9	90	3	3	30	0	13	65	2	5	100	3		0	0	9	90	3	5	50	1	10	50	1	5	100	3	23	30.67	0
97	20X45A0407		0	0		0	0	9	90	3	5	25	0	5	100	3	8	80	3		0	0		0	0	6	30	0	5	100	3	45	60	2
98	20X45A0408	7	70	3	10	100	3	4	40	1	12	60	2	5	100	3	9	90	3	9	90	3	5	50	1	9	45	1	5	100	3	38	50.67	1
99	20X45A0409	10	100	3	10	100	3	9	90	3	11	55	2	5	100	3	9	90	3	9	90	3	6	60	2	10	50	1	5	100	3	38	50.67	1
100	20X45A0410	2	20	0	8	80	3	8	80	3	12	60	2	5	100	3	9	90	3	9	90	3	7	70	3	5	25	0	5	100	3	45	60	2
101	20X45A0411	2	20	0	2	20	0	7	70	3	10	50	1	5	100	3	8	80	3	9	90	3	7	70	3	6	30	0	5	100	3	38	50.67	1
102	20X45A0412	4	40	1	4	40	1	6	60	2	8	40	1	5	100	3	8	80	3	6	60	2	6	60	2	12	60	2	5	100	3	38	50.67	1
103	20X45A0414	8	80	3	7	70	3	7	70	3	15	75	3	5	100	3	8	80	3	7	70	3		0	0	5	25	0	5	100	3	38	50.67	1
104	20X45A0415	9	90	3	3	30	0	7	70	3	7	35	0	5	100	3	7	70	3	9	90	3	4	40	1	6	30	0	5	100	3	45	60	2
105	20X45A0416	10	100	3	9	90	3	10	100	3	16	80	3	5	100	3	9	90	3	9	90	3	8	80	3	8	40	1	5	100	3	38	50.67	1
106	20X45A0417	9	90	3	2	20	0	5	50	1	13	65	2	5	100	3	8	80	3	7	70	3	4	40	1	11	55	2	5	100	3	38	50.67	1
107	20X45A0418	10	100	3	4	40	1	3	30	0	11	55	2	5	100	3	6	60	2		0	0	7	70	3	7	35	0	5	100	3	38	50.67	1
107	20X45A0419	8	80	3		0	0		0	0	14	70	3	5	100	3		0	0	2	20	0	7	70	3	9	45	1	5	100	3	38	50.67	1
AVERAGE		6.8	62	1.9	4.97	35	1	5.64	37	1.19	10.03	49.7	1.3	5	99	3	7.09	69	3	6.9	64	2.2	5.1	39	1.2	8.1	40	0.8	5	99	3	36.4	48.02	1
COURSE OUTCOMES		CO1		CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)		ASSIGNMENT (CO3-CO5)		EXTERNAL (CO1-CO5)					
CO WISE SUM		1.91		0.99			1.19			1.33			2.97			2.5			2.19			1.17			0.8		2.97		1.02					

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	FINAL ATTAINMENT LEVEL	ATTAINMENT PERCENTAGE
CO1	1.91	1.33	2.97	1.02	1.24	97.45	2.92	1.58	52.67
CO2	0.99	1.33	2.97	1.02	1.15	96.73	2.90	1.5	50.00
CO3	1.19	1.07	2.97	1.02	1.14	97.82	2.93	1.5	50.00
CO4	2.19	0.8	2.97	1.02	1.21	97.09	2.91	1.55	51.67
CO5	1.17	0.8	2.97	1.02	1.11	97.64	2.93	1.47	49.00

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject DIVP

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	3	2											1			1.58
CO2	2	2	3	2									3			1.5
CO3	2	2	3	2									3			1.5
CO4	3	1	3	2									3			1.55
CO5	2	1	3	2									3			1.47

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
18.33	12.18	18.06	12.04									19.64		
1.53	1.52	1.51	1.51									1.51		

CO-PO Matrix for all Subjects IV-I

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
MWOC	1.69	1.7	1.73										1.68		1.72
DCCN	1.72	1.72	1.71	1.7	1.71	1.75		1.72	1.72			1.72	1.72		
DIVP	1.53	1.52	1.51	1.51									1.51		
CSP(PE3)	2.48	2.47	2.48								2.45	2.47	2.47		
ES(PE4)	1.88		1.87		1.86								1.91	1.87	1.87
IOT Lab	2.88	2.87	2.86		2.88	2.87						2.88	2.88	2.88	
MWOC Lab	2.93	2.93	2.93	2.92		2.93			2.93				2.93		
Project - Part I	2.96	2.97	2.97	2.96	2.97	2.97		2.97	2.96	2.96	2.96	2.97	2.97	2.97	2.97
Average	2.26	2.31	2.26	2.27	2.36	2.63		2.35	2.34	2.95	2.71	2.51	2.04	2.66	2.36

2019-23 Admitted Batch Semester Wise Average Attainments

SEMESTER	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
I-I	2.18	2.3	2.2	2.23	2.34	2.39	2.39	2.89	2.89	2.82		2.14	2.01	2.06	2.06
I-II	2.07	2.1	2.03	1.94	2.5	2.86	2.81	2.94	2.5	2.51	2.96	2.02	1.99	2.07	2.07
II-I	1.98	1.94	1.87	1.94	1.8	2.18	1.67	2.3	2.2	1.78	1.5	2	2.14	1.73	1.88
II-II	1.91	1.91	1.78	1.89	2.17	2.71		2.7	2.71	2.02		2.02	1.9	1.83	1.85
III-I	2.12	2.11	2.11	2.08	2.4	2.72	1.3	2.74	2.73	1.98	2.78	2.49	2.03	1.96	2.07
III-II	2.03	2.11	2.03		2.68			2.67		1.97			2.04	2.06	2.32
IV-I	2.26	2.31	2.26	2.27	2.36	2.63		2.35	2.34	2.95	2.71	2.51	2.04	2.66	2.36

T. V. Jayaraj

The Principal
PRINCIPAL
SRI SRI INSTITUTE OF TECHNOLOGY
SRI SRI GOWRI
Dr. S. SRI GOWRI, M.Tech., Ph.D.,
Professor & Head of E.C.E. Dept.
S.R.K. Institute of Technology



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakin.

Accredited with NAAC 'A' grade

ISO 9001:2015 Certified Institution

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

FACULTY NAME: N.RAMA PRIYA

SUBJECT:CSP

A.Y:2022-23

YEAR-SEM: IV-I


EXTERNAL MARKS

S.NO.	ROLL NO.	MID EXAM - II																											EXTERNAL MARKS								
		MID-I									Q1									Q2												Q3					
		Q1			Q2			Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE			ASSIGNMENT			Marks	%	L			
Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L					
1	19X41A0401	8	80	3	8	80	3	8	80	3	17	85	3	5	100	3	9	90	3	6	60	2	9	90	3	16	80	3	5	100	3	45	60	2			
2	19X41A0402	8	80	3	10	100	3	10	100	3	16	80	3	5	100	3	10	100	3	9	90	3	10	100	3	17	85	3	5	100	3	52.5	70	3			
3	19X41A0403	10	100	3	9	90	3	10	100	3	18	90	3	5	100	3	10	100	3	7	70	3	10	100	3	19	95	3	5	100	3	60	80	3			
4	19X41A0404	10	100	3	9	90	3	10	100	3	10	50	1	5	100	3	10	100	3	3	30	0	10	100	3	14	70	3	5	100	3	52.5	70	3			
5	19X41A0405		0	0	9	90	3	8	80	3	17	85	3	5	100	3	0	0	0		0	0		0	0	0	0	0	0	5	100	3	37.5	50	1		
6	19X41A0406	7	70	3		0	0		0	0	14	70	3	5	100	3	4	40	1		0	0	4	40	1	17	85	3	5	100	3	0	0	0			
7	19X41A0407	10	100	3	9	90	3	7	70	3	16	80	3	5	100	3	10	100	3	6	60	2	3	30	0	17	85	3	5	100	3	60	80	3			
8	19X41A0408	10	100	3	10	100	3	6	60	2	19	95	3	5	100	3	10	100	3	7	70	3	10	100	3	14	70	3	5	100	3	52.5	70	3			
9	19X41A0409	10	100	3	8	80	3	5	50	1	17	85	3	5	100	3	10	100	3	4	40	1	2	20	0	15	75	3	5	100	3	45	60	2			
10	19X41A0410	10	100	3	10	100	3	8	80	3	16	80	3	5	100	3	8	80	3		0	0	4	40	1	19	95	3	5	100	3	45	60	2			
11	19X41A0411	10	100	3	10	100	3	2	20	0	19	95	3	5	100	3	10	100	3	6	60	2	10	100	3	10	50	1	5	100	3	60	80	3			
12	19X41A0412	7	70	3	9	90	3	8	80	3	18	90	3	5	100	3	9	90	3	8	80	3	9	90	3	15	75	3	5	100	3	52.5	70	3			
13	19X41A0413	8	80	3	9	90	3	10	100	3	17	85	3	5	100	3	9	90	3	9	90	3	8	80	3	17	85	3	5	100	3	52.5	70	3			
14	19X41A0414	10	100	3	9	90	3	10	100	3	14	70	3	5	100	3	10	100	3	6	60	2	10	100	3	18	90	3	5	100	3	52.5	70	3			
15	19X41A0415	10	100	3	8	80	3	2	20	0	12	60	2	5	100	3	3	30	0	2	20	0	5	50	1	15	75	3	5	100	3	45	60	2			
16	19X41A0416	8	80	3		0	0	6	60	2	14	70	3	5	100	3	10	100	3	9	90	3	9	90	3	18	90	3	5	100	3	52.5	70	3			
17	19X41A0417	10	100	3	9	90	3	10	100	3	17	85	3	5	100	3	9	90	3	6	60	2	5	50	1	16	80	3	5	100	3	52.5	70	3			
18	19X41A0418	8	80	3	8	80	3	3	30	0	17	85	3	5	100	3	8	80	3	6	60	2	2	20	0	15	75	3	5	100	3	45	60	2			
19	19X41A0419	10	100	3	6	60	2	3	30	0	16	80	3	5	100	3	8	80	3	2	20	0	4	40	1	15	75	3	5	100	3	60	80	3			
20	19X41A0420	10	100	3	8	80	3	2	20	0	14	70	3	5	100	3	10	100	3	8	80	3	10	100	3	18	90	3	5	100	3	45	60	2			
21	19X41A0421	10	100	3	8	80	3	4	40	1	17	85	3	5	100	3	10	100	3	8	80	3	6	60	2	16	80	3	5	100	3	45	60	2			
22	19X41A0422	10	100	3	6	60	2	10	100	3	14	70	3	5	100	3	10	100	3	6	60	2	10	100	3	14	70	3	5	100	3	52.5	70	3			
23	19X41A0423	7	70	3	3	30	0	10	100	3	16	80	3	5	100	3	6	60	2	3	30	0	3	30	0	13	65	2	5	100	3	45	60	2			
24	19X41A0424	10	100	3	7	70	3	9	90	3	18	90	3	5	100	3	10	100	3	10	100	3	6	60	2	17	85	3	5	100	3	52.5	70	3			
25	19X41A0425	10	100	3	9	90	3	10	100	3	14	70	3	5	100	3	10	100	3	10	100	3	10	100	3	14	70	3	5	100	3	60	80	3			
26	19X41A0426	10	100	3	9	90	3	8	80	3	14	70	3	5	100	3	10	100	3	6	60	2	9	90	3	17	85	3	5	100	3	60	80	3			
27	19X41A0428	10	100	3	8	80	3	4	40	1	13	65	2	5	100	3	9	90	3	2	20	0	9	90	3	17	85	3	5	100	3	60	80	3			
28	19X41A0429	8	80	3	9	90	3	8	80	3	17	85	3	5	100	3	9	90	3	2	20	0	10	100	3	15	75	3	5	100	3	45	60	2			
29	19X41A0431	10	100	3		0	0		0	0	17	85	3	5	100	3	10	100	3	10	100	3	9	90	3	18	90	3	5	100	3	45	60	2			
30	19X41A0432	9	90	3	7	70	3	2	20	0	17	85	3	5	100	3	10	100	3	7	70	3	10	100	3	16	80	3	5	100	3	52.5	70	3			
31	19X41A0433	8	80	3	10	100	3	5	50	1	19	95	3	5	100	3	10	100	3	1	10	0	9	90	3	17	85	3	5	100	3	60	80	3			
32	19X41A0434	10	100	3	8	80	3	2	20	0	16	80	3	5	100	3	9	90	3		0	0	9	90	3	15	75	3	5	100	3	37.5	50	1			
33	19X41A0435	10	100	3	8	80	3	5	50	1	12	60	2	5	100	3	3	30	0	3	30	0	3	30	0	16	80	3	5	100	3	37.5	50	1			
34	19X41A0438	10	100	3	10	100	3	8	80	3	15	75	3	5	100	3	10	100	3	5	50	1	10	100	3	18	90	3	5	100	3	52.5	70	3			

PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108

35	19X41A0439	10	100	3	10	100	3	8	80	3	16	80	3	5	100	3	9	90	3	9	90	3	0	0	15	75	3	5	100	3	60	80	3		
36	19X41A0440	10	100	3	9	90	3	8	80	3	14	3	5	100	3	10	100	3	6	60	2	0	100	3	16	80	3	5	100	3	52.5	70	3		
37	19X41A0441	8	80	3	0	0	8	80	3	16	80	3	5	100	3	10	100	3	9	90	3	9	90	3	17	85	3	5	100	3	45	60	2		
38	19X41A0442	10	100	3	10	100	3	3	30	0	16	80	3	5	100	3	8	80	3	6	60	2	7	70	3	18	90	3	5	100	3	52.5	70	3	
39	19X41A0443	10	100	3	10	100	3	9	90	3	18	90	3	5	100	3	10	100	3	6	60	2	9	90	3	15	75	3	5	100	3	75	100	3	
40	19X41A0445	10	100	3	7	70	3	4	40	1	19	95	3	5	100	3	6	60	2	1	10	0	1	10	0	17	85	3	5	100	3	45	60	2	
41	19X41A0446	10	100	3	10	100	3	8	80	3	13	65	2	5	100	3	9	90	3	4	40	1	9	90	3	19	95	3	5	100	3	52.5	70	3	
42	19X41A0447	10	100	3	10	100	3	8	80	3	7	35	0	5	100	3	10	100	3	6	60	2	10	100	3	5	25	0	5	100	3	52.5	70	3	
43	19X41A0448	7	70	3	5	50	1	10	100	3	17	85	3	5	100	3	9	90	3	4	40	1	8	80	3	15	75	3	5	100	3	67.5	90	3	
44	19X41A0449	10	100	3	10	100	3	8	80	3	19	95	3	5	100	3	10	100	3	3	30	0	9	90	3	16	80	3	5	100	3	52.5	70	3	
45	19X41A0450	10	100	3	9	90	3	9	90	3	19	95	3	5	100	3	6	60	2	0	0	9	90	3	17	85	3	5	100	3	52.5	70	3		
46	19X41A0451	10	100	3	10	100	3	7	70	3	16	80	3	5	100	3	8	80	3	0	0	3	30	0	16	80	3	5	100	3	45	60	2		
47	19X41A0452	9	90	3	2	20	0	2	20	0	17	85	3	5	100	3	6	60	2	1	10	0	3	30	0	9	45	1	5	100	3	45	60	2	
48	19X41A0453	10	100	3	10	100	3	10	100	3	18	90	3	5	100	3	10	100	3	6	60	2	6	60	2	19	95	3	5	100	3	45	60	2	
49	19X41A0454	7	70	3	4	40	1	4	40	1	17	85	3	5	100	3	10	100	3	2	20	0	9	90	3	12	60	2	5	100	3	45	60	2	
50	19X41A0455	8	80	3	0	0	0	0	15	75	3	5	100	3	7	70	3	0	0	0	0	0	0	0	15	75	3	5	100	3	0	0	0		
51	19X41A0456	10	100	3	3	30	0	3	30	0	18	90	3	5	100	3	6	60	2	3	30	0	5	50	1	15	75	3	5	100	3	52.5	70	3	
52	19X41A0457	10	100	3	5	50	1	5	50	1	17	85	3	5	100	3	0	0	0	0	0	0	0	0	0	0	0	0	0	5	100	3	52.5	70	3
53	19X41A0458	7	70	3	4	40	1	4	40	1	10	50	1	5	100	3	8	80	3	2	20	0	7	70	3	15	75	3	5	100	3	37.5	50	1	
54	19X41A0460	10	100	3	5	50	1	5	50	1	13	65	2	5	100	3	9	90	3	8	80	3	9	90	3	11	55	2	5	100	3	52.5	70	3	
55	19X41A0461	10	100	3	5	50	1	5	50	1	17	85	3	5	100	3	9	90	3	2	20	0	3	30	0	16	80	3	5	100	3	52.5	70	3	
56	19X41A0463	10	100	3	5	50	1	5	50	1	15	75	3	5	100	3	8	80	3	8	80	3	7	70	3	17	85	3	5	100	3	45	60	2	
57	19X41A0467	2	20	0	0	0	0	0	12	60	2	5	100	3	4	40	1	3	30	0	0	0	0	0	11	55	2	5	100	3	37.5	50	1		
58	19X41A0468	5	50	1	1	10	0	1	10	0	13	65	2	5	100	3	9	90	3	0	0	10	100	3	10	50	1	5	100	3	52.5	70	3		
59	19X41A0469	0	0	0	2	20	0	2	20	0	16	80	3	5	100	3	9	90	3	8	80	3	9	90	3	15	75	3	5	100	3	52.5	70	3	
60	19X41A0470	10	100	3	2	20	0	2	20	0	16	80	3	5	100	3	9	90	3	10	100	3	4	40	1	14	70	3	5	100	3	52.5	70	3	
61	19X41A0471	0	0	0	0	0	0	0	14	70	3	5	100	3	9	90	3	6	60	2	6	60	2	16	80	3	5	100	3	0	0	0			
62	19X41A0472	10	100	3	5	50	1	5	50	1	12	60	2	5	100	3	9	90	3	7	70	3	8	80	3	8	40	1	5	100	3	45	60	2	
63	19X41A0473	10	100	3	5	50	1	5	50	1	17	85	3	5	100	3	9	90	3	9	90	3	7	70	3	17	85	3	5	100	3	60	80	3	
64	19X41A0474	0	0	0	0	0	0	0	0	0	5	100	3	8	80	3	8	80	3	3	30	0	17	85	3	5	100	3	37.5	50	1				
65	19X41A0475	10	100	3	0	0	0	0	15	75	3	5	100	3	9	90	3	0	0	0	0	0	0	0	13	65	2	5	100	3	37.5	50	1		
66	19X41A0476	1	10	0	0	0	0	0	15	75	3	5	100	3	8	80	3	7	70	3	9	90	3	13	65	2	5	100	3	0	0	0			
67	19X41A0477	10	100	3	5	50	1	5	50	1	13	65	2	5	100	3	8	80	3	6	60	2	8	80	3	15	75	3	5	100	3	60	80	3	
68	19X41A0478	5	50	1	0	0	0	0	15	75	3	5	100	3	9	90	3	4	40	1	9	90	3	12	60	2	5	100	3	37.5	50	1			
69	19X41A0479	8	80	3	2	20	0	2	20	0	13	65	2	5	100	3	9	90	3	5	50	1	9	90	3	14	70	3	5	100	3	45	60	2	
70	19X41A0480	10	100	3	0	0	0	0	17	85	3	5	100	3	7	70	3	10	100	3	3	30	0	17	85	3	5	100	3	45	60	2			
71	19X41A0482	1	10	0	0	0	0	0	15	75	3	5	100	3	7	70	3	0	0	6	60	2	8	40	1	5	100	3	0	0	0				
72	19X41A0483	7	70	3	4	40	1	4	40	1	12	60	2	5	100	3	6	60	2	4	40	1	9	90	3	7	35	0	5	100	3	37.5	50	1	
73	19X41A0484	9	90	3	1	10	0	1	10	0	15	75	3	5	100	3	7	70	3	2	20	0	9	90	3	15	75	3	5	100	3	37.5	50	1	
74	19X41A0485	10	100	3	5	50	1	5	50	1	16	80	3	5	100	3	9	90	3	7	70	3	8	80	3	11	55	2	5	100	3	52.5	70	3	
75	19X41A0486	9	90	3	3	30	0	3	30	0	18	90	3	5	100	3	5	50	1	0	0	9	90	3	12	60	2	5	100	3	52.5	70	3		
76	19X41A0488	10	100	3	5	50	1	5	50	1	18	90	3	5	100	3	7	70	3	3	30	0	7	70	3	18	90	3	5	100	3	45	60	2	
77	19X41A0489	6	60	2	2	20	0	2	20	0	17	85	3	5	100	3	6	60	2	7	70	3	9	90	3	14	70	3	5	100	3	45	60	2	


PRINCIPAL
SRM INSTITUTE OF TECHNOLOGY
CHENNAI
VIJAYAWADA-521 106

78	19X41A0490		0	0	5	50	1	5	50	1	18	90	3	5	100	3	10	100	3	7	70	3	9	90	3	17	85	3	5	100	3	45	60	2	
79	19X41A0491	6	60	2	1	10	0	1	10	0	19		3	5	100	3	9	90	3	9	90	3	40	1	12	60	2	5	100	3	52.5	70	3		
80	19X41A0492	5	50	1	1	10	0	1	10	0	18	90	3	5	100	3	6	60	2	2	20	0	9	90	3	11	55	2	5	100	3	37.5	50	1	
81	19X41A0493	10	100	3	2	20	0	2	20	0	17	85	3	5	100	3	6	60	2	3	30	0	9	90	3	19	95	3	5	100	3	52.5	70	3	
82	19X41A0495	7	70	3		0	0		0	0	20	100	3	5	100	3	6	60	2		0	0	9	90	3	14	70	3	5	100	3	37.5	50	1	
83	19X41A0497	9	90	3	5	50	1	5	50	1	17	85	3	5	100	3	6	60	2	3	30	0	7	70	3	18	90	3	5	100	3	60	80	3	
84	19X41A0499	7	70	3	5	50	1	5	50	1	10	50	1	5	100	3	6	60	2		0	0	9	90	3	14	70	3	5	100	3	37.5	50	1	
85	19X41A04A0	6	60	2	2	20	0	2	20	0	14	70	3	5	100	3	7	70	3	3	30	0	7	70	3	14	70	3	5	100	3	45	60	2	
86	19X41A04A1	6	60	2	4	40	1	4	40	1	17	85	3	5	100	3	4	40	1	6	60	2	7	70	3	12	60	2	5	100	3	37.5	50	1	
87	19X41A04A2	10	100	3	2	20	0	2	20	0	19	95	3	5	100	3	6	60	2	4	40	1	7	70	3	19	95	3	5	100	3	52.5	70	3	
88	19X41A04A3	9	90	3	4	40	1	4	40	1	19	95	3	5	100	3	8	80	3	4	40	1	9	90	3	12	60	2	5	100	3	52.5	70	3	
89	19X41A04A4	8	80	3		0	0		0	0	16	80	3	5	100	3	6	60	2	5	50	1	5	50	1	13	65	2	5	100	3	45	60	2	
90	20X45A0401	10	100	3	2	20	0	2	20	0	18	90	3	5	100	3	8	80	3	8	80	3	2	20	0	16	80	3	5	100	3	60	80	3	
91	20X45A0402	10	100	3	4	40	1	4	40	1	15	75	3	5	100	3	8	80	3	2	20	0	7	70	3	10	50	1	5	100	3	52.5	70	3	
92	20X45A0403	8	80	3	5	50	1	5	50	1	17	85	3	5	100	3	8	80	3	6	60	2	8	80	3	10	50	1	5	100	3	45	60	2	
93	20X45A0404	10	100	3	5	50	1	5	50	1	13	65	2	5	100	3	9	90	3	9	90	3	2	20	0	16	80	3	5	100	3	52.5	70	3	
94	20X45A0405	8	80	3	4	40	1	4	40	1	18	90	3	5	100	3	9	90	3	9	90	3	8	80	3	15	75	3	5	100	3	52.5	70	3	
95	20X45A0406	8	80	3	5	50	1	5	50	1	17	85	3	5	100	3	9	90	3	3	30	0	9	90	3	15	75	3	5	100	3	52.5	70	3	
96	20X45A0407	6	60	2	1	10	0	1	10	0	20	100	3	5	100	3	9	90	3	3	30	0	9	90	3	15	75	3	5	100	3	45	60	2	
97	20X45A0408	10	100	3	5	50	1	5	50	1	17	85	3	5	100	3	8	80	3	9	90	3	9	90	3	15	75	3	5	100	3	60	80	3	
98	20X45A0409	10	100	3	5	50	1	5	50	1	14	70	3	5	100	3	9	90	3	10	100	3	10	100	3	17	85	3	5	100	3	52.5	70	3	
99	20X45A0410	6	60	2	4	40	1	4	40	1	15	75	3	5	100	3	9	90	3	6	60	2	7	70	3	15	75	3	5	100	3	60	80	3	
100	20X45A0411	7	70	3	4	40	1	4	40	1	19	95	3	5	100	3	9	90	3	5	50	1	9	90	3	13	65	2	5	100	3	45	60	2	
101	20X45A0412	10	100	3	4	40	1	4	40	1	19	95	3	5	100	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	20X45A0414	10	100	3	5	50	1	5	50	1	17	85	3	5	100	3	9	90	3	7	70	3	9	90	3	16	80	3	5	100	3	45	60	2	
103	20X45A0415	7	70	3	4	40	1	4	40	1	16	80	3	5	100	3	6	60	2	3	30	0	5	50	1	7	35	0	5	100	3	52.5	70	3	
104	20X45A0416	10	100	3	5	50	1	5	50	1	17	85	3	5	100	3	9	90	3	9	90	3	10	100	3	16	80	3	5	100	3	60	80	3	
105	20X45A0417	10	100	3	5	50	1	5	50	1	20	100	3	5	100	3	9	90	3	3	30	0	10	100	3	17	85	3	5	100	3	60	80	3	
106	20X45A0418	10	100	3	5	50	1	5	50	1	18	90	3	5	100	3	9	90	3	3	30	0	7	70	3	18	90	3	5	100	3	52.5	70	3	
107	20X45A0419	7	70	3	5	50	1	5	50	1	17	85	3	5	100	3	7	70	3	2	20	0	6	60	2	17	85	3	5	100	3	52.5	70	3	
AVERAGE		8.59	82.71	2.66	6.01	51.68	1.45	5.28	46.36	1.21	15.83	79	2.78	5	100	3	8.02	80.19	2.64	5.51	47.85	1.39	7.4	69.16	2.2	14.6	72.99	2.59	5	100	3	47.66	64	2.33	
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)			
CO WISE SUM		2.66			1.45			1.21			2.78			3			2.64			1.39			2.2			2.59			3			2.33			

The Principal

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	2.66	2.78	3	2.33	2.44	98.88	2.97	2.55	65	85.00
CO2	1.45	2.78	3	2.33	2.32	99.44	2.98	2.45	65	81.67
CO3	1.925	2.69	3	2.33	2.36	97.76	2.93	2.47	65	82.33
CO4	1.39	2.59	3	2.33	2.3	98.69	2.96	2.43	65	81.00
CO5	2.2	2.59	3	2.33	2.38	98.13	2.94	2.49	65	83.00

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject CSP

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	2	1	2									1	1			2.55
CO2	3	2	2								1	1	1			2.45
CO3	2	2	2									1	2			2.47
CO4	2	2	2									2	2			2.43
CO5	2	2	2									2	2			2.49

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
27.23	22.23	24.78								2.45	17.31	19.78		
2.48	2.47	2.48								2.45	2.47	2.47		

CO-PO Matrix for all Subjects IV-I

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
MWOC	1.69	1.7	1.73										1.68		1.72
DCCN	1.72	1.72	1.71	1.7	1.71	1.75		1.72	1.72			1.72	1.72		
DIVP	1.53	1.52	1.51	1.51									1.51		
CSP(PE3)	2.48	2.47	2.48								2.45	2.47	2.47		
ES(PE4)	1.88		1.87		1.86								1.91	1.87	1.87
IOT Lab	2.88	2.87	2.86		2.88	2.87						2.88		2.88	2.88
MWOC Lab	2.93	2.93	2.93	2.92		2.93				2.93				2.93	
Project - Part I	2.96	2.97	2.97	2.96	2.97	2.97		2.97	2.96	2.96	2.96	2.97	2.97	2.97	2.97
Average	2.26	2.31	2.26	2.27	2.36	2.63		2.35	2.34	2.95	2.71	2.51	2.04	2.66	2.36

2019-23 Admitted Batch Semester Wise Average Attainments

SEMESTER	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
I-I	2.18	2.3	2.2	2.23	2.34	2.39	2.39	2.89	2.89	2.82		2.14	2.01	2.06	2.01
I-II	2.07	2.1	2.03	1.94	2.5	2.86	2.81	2.94	2.5	2.51	2.96	2.02	1.99	2.07	2.96
II-I	1.98	1.94	1.87	1.94	1.8	2.18	1.67	2.3	2.2	1.78	1.5	2	2.14	1.73	1.88
II-II	1.91	1.91	1.78	1.89	2.17	2.71		2.7	2.71	2.02		2.02	1.9	1.83	1.85
III-I	2.12	2.11	2.11	2.08	2.4	2.72	1.3	2.74	2.73	1.98	2.78	2.49	2.03	1.96	2.07
III-II	2.03	2.11	2.03		2.68			2.67		1.97			2.04	2.06	2.32
IV-I	2.26	2.31	2.26	2.27	2.36	2.63		2.35	2.34	2.95	2.71	2.51	2.04	2.66	2.36

[Handwritten Signature]

SRI SRI GOWRI
SRI INSTITUTE OF TECHNOLOGY
SRI SRI GOWRI, VIJAYAWADA-521 108.

Dr. S. SRI GOWRI, M.Tech., Ph.D.,
Professor & Head of E.C.F. Dept.
S.R.K. Institute of Technology

[Handwritten Signature]



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

Accredited with NAAC 'A' grade

ISO 9001:2015 Certified Institution

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs, POs and PSOs

FACULTY NAME: Dr. D.Ravi Tej/ Mr P Koteswara Rao

EXTERNAL MARKS

YEAR-SEM: IV-I		A.Y:2022-23						SUBJECTS									MID EXAM - II												EXTERNAL MARKS					
S.NO.	ROLL NO.	Q1			Q2			Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE			ASSIGNMENT			Marks	%	L
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L						
1	19X41A0401	8	80	3		0	0	8	80	3	8	40	1	5	100	3	8	80	3	6	60	2	6	60	2	9	45	1	5	100	3	38	51	1
2	19X41A0402	10	100	3		0	0	10	100	3	15	75	3	5	100	3	10	100	3	10	100	3	8	80	3	8	40	1	5	100	3	53	71	3
3	19X41A0403	10	100	3	10	100	3	10	100	3	13	65	2	5	100	3	10	100	3	10	100	3	10	100	3	14	70	3	5	100	3	60	80	3
4	19X41A0404	10	100	3	8	80	3	4	40	1	6	30	0	5	100	3	8	80	3	7	70	3	6	60	2	8	40	1	5	100	3	60	80	3
5	19X41A0405		0	0		0	0		0	0	8	40	1	5	100	3	6	60	2	3	30	0		0	0		0	0	5	100	3	23	31	0
6	19X41A0406	4	40	1		0	0	4	40	1	12	60	2	5	100	3		0	0	4	40	1		0	0	12	60	2	5	100	3	23	31	0
7	19X41A0407	7	70	3		0	0	4	40	1	9	45	1	5	100	3	10	100	3	9	90	3	9	90	3	6	30	0	5	100	3	45	60	2
8	19X41A0408	7	70	3	7	70	3	7	70	3	9	45	1	5	100	3	8	80	3	8	80	3	6	60	2	6	30	0	5	100	3	53	71	3
9	19X41A0409	7	70	3	3	30	0	7	70	3	10	50	1	5	100	3	9	90	3	9	90	3	8	80	3	9	45	1	5	100	3	45	60	2
10	19X41A0410	6	60	2		0	0	4	40	1	13	65	2	5	100	3	8	80	3	6	60	2	6	60	2	13	65	2	5	100	3	23	31	0
11	19X41A0411	9	90	3	8	80	3	4	40	1	11	55	2	5	100	3	7	70	3	7	70	3	8	80	3	8	40	1	5	100	3	45	60	2
12	19X41A0412	7	70	3	7	70	3	7	70	3		0	0	5	100	3		0	0		0	0		0	0	11	55	2	5	100	3	53	71	3
13	19X41A0413	10	100	3	10	100	3	8	80	3	13	65	2	5	100	3	10	100	3	9	90	3	10	100	3	6	30	0	5	100	3	45	60	2
14	19X41A0414	8	80	3	8	80	3	7	70	3	8	40	1	5	100	3	9	90	3	8	80	3	9	90	3	7	35	0	5	100	3	45	60	2
15	19X41A0415	7	70	3	6	60	2	7	70	3	7	35	0	5	100	3	7	70	3	6	60	2	6	60	2	6	30	0	5	100	3	23	31	0
16	19X41A0416	8	80	3	4	40	1	4	40	1	10	50	1	5	100	3	8	80	3	8	80	3	6	60	2	7	35	0	5	100	3	45	60	2
17	19X41A0417	8	80	3		0	0	8	80	3	8	40	1	5	100	3	10	100	3	8	80	3	7	70	3	6	30	0	5	100	3	38	51	1
18	19X41A0418	8	80	3	8	80	3	2	20	0	8	40	1	5	100	3	9	90	3	3	30	0	4	40	1	11	55	2	5	100	3	23	31	0
19	19X41A0419	3	30	0		0	0		0	0	9	45	1	5	100	3	8	80	3	6	60	2	5	50	1	3	15	0	5	100	3	38	51	1
20	19X41A0420	9	90	3	9	90	3	9	90	3	10	50	1	5	100	3	9	90	3	7	70	3	6	60	2	10	50	1	5	100	3	53	71	3
21	19X41A0421	10	100	3	8	80	3	10	100	3	9	45	1	5	100	3	10	100	3	9	90	3	9	90	3	12	60	2	5	100	3	45	60	2
22	19X41A0422	8	80	3	8	80	3	8	80	3	7	35	0	5	100	3	9	90	3	9	90	3	6	60	2	8	40	1	5	100	3	45	60	2
23	19X41A0423	8	80	3		0	0		0	0	11	55	2	5	100	3	8	80	3	6	60	2	3	30	0	8	40	1	5	100	3	38	51	1
24	19X41A0424	10	100	3	10	100	3	9	90	3	11	55	2	5	100	3	10	100	3	8	80	3	6	60	2	8	40	1	5	100	3	60	80	3
25	19X41A0425	9	90	3	10	100	3	10	100	3	12	60	2	5	100	3	8	80	3	8	80	3	8	80	3	10	50	1	5	100	3	53	71	3
26	19X41A0426	10	100	3		0	0	3	30	0	12	60	2	5	100	3	10	100	3	10	100	3	9	90	3	12	60	2	5	100	3	53	71	3
27	19X41A0428	9	90	3	9	90	3	7	70	3	8	40	1	5	100	3	9	90	3	8	80	3	8	80	3	8	40	1	5	100	3	38	51	1
28	19X41A0429		0	0		0	0		0	0	13	65	2	5	100	3	9	90	3	9	90	3	8	80	3		0	0	5	100	3	53	71	3
29	19X41A0431	9	90	3	9	90	3		0	0	10	50	1	5	100	3	9	90	3	9	90	3	8	80	3	4	20	0	5	100	3	38	51	1
30	19X41A0432	9	90	3	9	90	3		0	0	13	65	2	5	100	3	9	90	3	9	90	3	9	90	3	12	60	2	5	100	3	45	60	2
31	19X41A0433	7	70	3	7	70	3	7	70	3	10	50	1	5	100	3	9	90	3	8	80	3	9	90	3	13	65	2	5	100	3	45	60	2
32	19X41A0434	6	60	2	6	60	2	7	70	3	10	50	1	5	100	3	8	80	3	8	80	3		0	0	12	60	2	5	100	3	45	60	2
33	19X41A0435	8	80	3	8	80	3		0	0	12	60	2	5	100	3	7	70	3	5	50	1	4	40	1	11	55	2	5	100	3	38	51	1
34	19X41A0438	8	80	3	10	100	3	8	80	3	13	65	2	5	100	3	6	60	2	6	60	2	7	70	3	9	45	1	5	100	3			3

PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

35	19X41A0439	7	70	3	7	70	3	3	30	0	12	60	2	5	100	3	7	70	3	8	80	3	7	70	3	7	35	0	5	100	3	45	60	2
36	19X41A0440	10	100	3	10	100	3	8	80	3	15		3	5	100	3	10	100	3	10	100	3	0	100	3	8	40	1	5	100	3	53	71	3
37	19X41A0441	7	70	3	7	70	3	7	70	3	13	65	2	5	100	3	1	10	0	7	70	3		0	0	4	20	0	5	100	3	23	31	0
38	19X41A0442	8	80	3	8	80	3	8	80	3	11	55	2	5	100	3	9	90	3	9	90	3		0	0	8	40	1	5	100	3	45	60	2
39	19X41A0443	8	80	3	9	90	3	8	80	3	9	45	1	5	100	3	9	90	3	8	80	3	7	70	3	10	50	1	5	100	3	38	51	1
40	19X41A0445	7	70	3	8	80	3	8	80	3	10	50	1	5	100	3	8	80	3	8	80	3	8	80	3	6	30	0	5	100	3	45	60	2
41	19X41A0446	8	80	3	8	80	3	8	80	3	10	50	1	5	100	3	7	70	3	7	70	3	7	70	3	9	45	1	5	100	3	38	51	1
42	19X41A0447	10	100	3	10	100	3	10	100	3	6	30	0	5	100	3	10	100	3	10	100	3	10	100	3	6	30	0	5	100	3	45	60	2
43	19X41A0448	8	80	3	8	80	3	4	40	1	16	80	3	5	100	3	9	90	3	6	60	2	8	80	3	13	65	2	5	100	3	45	60	2
44	19X41A0449	8	80	3	8	80	3	8	80	3	14	70	3	5	100	3	8	80	3	7	70	3	7	70	3	13	65	2	5	100	3	53	71	3
45	19X41A0450	8	80	3	8	80	3	7	70	3	14	70	3	5	100	3	9	90	3	8	80	3	8	80	3	10	50	1	5	100	3	53	71	3
46	19X41A0451	6	60	2	7	70	3		0	0	10	50	1	5	100	3	6	60	2	5	50	1	5	50	1	10	50	1	5	100	3	38	51	1
47	19X41A0452	4	40	1	6	60	2	6	60	2	12	60	2	5	100	3	8	80	3	6	60	2	6	60	2	8	40	1	5	100	3	38	51	1
48	19X41A0453	9	90	3	9	90	3		0	0	13	65	2	5	100	3	10	100	3	10	100	3	9	90	3	13	65	2	5	100	3	60	80	3
49	20X45A0401	8	80	3	10	100	3	10	100	3	9	45	1	5	100	3	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	53	71	3
50	20X45A0402	8	80	3	8	80	3	8	80	3	12	60	2	5	100	3	8	80	3	8	80	3	6	60	2	14	70	3	5	100	3	45	60	2
51	20X45A0403	8	80	3	4	40	1	8	80	3	8	40	1	5	100	3	6	60	2	6	60	2	4	40	1	10	50	1	5	100	3	38	51	1
52	20X45A0404	8	80	3	8	80	3	8	80	3	13	65	2	5	100	3	8	80	3	8	80	3	7	70	3	13	65	2	5	100	3	38	51	1
53	20X45A0405	9	90	3	9	90	3	8	80	3	10	50	1	5	100	3	8	80	3	8	80	3	6	60	2	7	35	0	5	100	3	38	51	1
54	20X45A0406	6	60	2	8	80	3	7	70	3	16	80	3	5	100	3	8	80	3	8	80	3	5	50	1	7	35	0	5	100	3	45	60	2
55	20X45A0407	8	80	3	8	80	3	8	80	3	8	40	1	5	100	3	2	20	0	8	80	3	6	60	2	7	35	0	5	100	3	45	60	2
56	20X45A0408	8	80	3	8	80	3	8	80	3	12	60	2	5	100	3	9	90	3	9	90	3	9	90	3	13	65	2	5	100	3	45	60	2
57	18X41A0438	8	80	3	8	80	3	8	80	3	9	45	1	5	100	3	8	80	3	6	60	2	6	60	2	18	90	3	5	100	3		0	0
58	18X41A0480		0	0		0	0		0	0		0	0	5	100	3		0	0		0	0		0	0		0	0	5	100	3		0	0
59	19X41A0454	9	90	3	8	80	3	9	90	3	10	50	1	5	100	3	10	100	3	9	90	3	9	90	3	8	40	1	5	100	3	38	51	1
60	19X41A0455	8	80	3		0	0		0	0	10	50	1	5	100	3	6	60	2	2	20	0	8	80	3	10	50	1	5	100	3	23	31	0
61	19X41A0456	9	90	3	10	100	3	6	60	2	12	60	2	5	100	3	6	60	2	2	20	0	2	20	0	13	65	2	5	100	3	45	60	2
62	19X41A0457	10	100	3	10	100	3	9	90	3	13	65	2	5	100	3	9	90	3	4	40	1	6	60	2	8	40	1	5	100	3	60	80	3
63	19X41A0458	9	90	3	6	60	2	7	70	3	6	30	0	5	100	3	7	70	3	2	20	0	1	10	0	8	40	1	5	100	3	23	31	0
64	19X41A0460	10	100	3	10	100	3	8	80	3	12	60	2	5	100	3	9	90	3		0	0	7	70	3	9	45	1	5	100	3	38	51	1
65	19X41A0461	10	100	3	10	100	3	5	50	1	12	60	2	5	100	3	7	70	3		0	0		0	0	12	60	2	5	100	3	23	31	0
66	19X41A0463	10	100	3	8	80	3	10	100	3	8	40	1	5	100	3	7	70	3		0	0		0	0	6	30	0	5	100	3	53	71	3
67	19X41A0466	0	0	0		0	0		0	0		0	0	5	100	3		0	0		0	0		0	0		0	0	5	100	3		0	0
68	19X41A0467		0	0	3	30	0	7	70	3	10	50	1	5	100	3	6	60	2		0	0	4	40	1	8	40	1	5	100	3	38	51	1
69	19X41A0468		0	0		0	0	7	70	3	14	70	3	5	100	3	8	80	3		0	0	9	90	3	7	35	0	5	100	3	38	51	1
70	19X41A0469	2	20	0	9	90	3	2	20	0	6	30	0	5	100	3	5	50	1	10	100	3	9	90	3	8	40	1	5	100	3	38	51	1
71	19X41A0470	10	100	3	10	100	3	8	80	3	10	50	1	5	100	3	10	100	3	1	10	0	10	100	3	12	60	2	5	100	3	45	60	2
72	19X41A0471	9	90	3	10	100	3	9	90	3	9	45	1	5	100	3	10	100	3	7	70	3	4	40	1	8	40	1	5	100	3	23	31	0
73	19X41A0472	10	100	3	10	100	3	9	90	3	10	50	1	5	100	3	8	80	3	2	20	0	3	30	0	10	50	1	5	100	3	38	51	1
74	19X41A0473	10	100	3	9	90	3	9	90	3	12	60	2	5	100	3	8	80	3	4	40	1	7	70	3	12	60	2	5	100	3	45	60	2
75	19X41A0474		0	0		0	0		0	0		0	0	5	100	3	5	50	1	2	20	0	6	60	2	6	30	0	5	100	3	38	51	1
76	19X41A0475		0	0	7	70	3		0	0	6	30	0	5	100	3		0	0	0	0	0		0	0	8	40	1	5	100	3	38	51	1
77	19X41A0476	2	20	0	9	90	3	9	90	3	10	50	1	5	100	3		0	0		0	0		0	0	7	35	0	5	100	3	38	51	1

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENKEPADA, KUAYAWADA-52110

78	19X41A0477	9	90	3	8	80	3	8	80	3	12	60	2	5	100	3	9	90	3	9	90	3	8	80	3	6	30	0	5	100	3	45	60	2
79	19X41A0478	8	80	3	8	80	3	9	90	3	9		1	5	100	3	7	70	3	10	100	3	0	100	3	5	25	0	5	100	3	38	51	1
80	19X41A0479	2	20	0	9	90	3	9	90	3	8	40	1	5	100	3	5	50	1	10	100	3	10	100	3	4	20	0	5	100	3	38	51	1
81	19X41A0480	1	10	0	9	90	3	9	90	3	12	60	2	5	100	3	10	100	3	2	20	0	10	100	3	8	40	1	5	100	3	38	51	1
82	19X41A0482		0	0		0	0	7	70	3	10	50	1	5	100	3	4	40	1	2	20	0	4	40	1	7	35	0	5	100	3	23	31	0
83	19X41A0483	10	100	3	8	80	3	10	100	3	6	30	0	5	100	3	6	60	2	2	20	0	8	80	3	10	50	1	5	100	3	45	60	2
84	19X41A0484	10	100	3	8	80	3	5	50	1	10	50	1	5	100	3	10	100	3		0	0	6	60	2	6	30	0	5	100	3	23	31	0
85	19X41A0485	10	100	3	10	100	3	9	90	3	12	60	2	5	100	3	10	100	3		0	0	9	90	3	5	25	0	5	100	3	53	71	3
86	19X41A0486	8	80	3	8	80	3	9	90	3	10	50	1	5	100	3	7	70	3	2	20	0	4	40	1	8	40	1	5	100	3	38	51	1
87	19X41A0487	10	100	3	8	80	3	8	80	3	8	40	1	5	100	3		0	0		0	0		0	0		0	0	5	100	3		0	0
88	19X41A0488	10	100	3	9	90	3	9	90	3	14	70	3	5	100	3	8	80	3	4	40	1	10	100	3	8	40	1	5	100	3	53	71	3
89	19X41A0489	9	90	3	9	90	3	10	100	3	12	60	2	5	100	3	8	80	3	0	0	0	8	80	3	6	30	0	5	100	3	45	60	2
90	19X41A0490	3	30	0	9	90	3	10	100	3	10	50	1	5	100	3	10	100	3	6	60	2	10	100	3	10	50	1	5	100	3	38	51	1
91	19X41A0491	8	80	3	9	90	3	6	60	2	10	50	1	5	100	3	8	80	3	10	100	3	10	100	3	8	40	1	5	100	3	23	31	0
92	19X41A0492		0	0	9	90	3	1	10	0	8	40	1	5	100	3	10	100	3	8	80	3	10	100	3	8	40	1	5	100	3	38	51	1
93	19X41A0493	9	90	3	10	100	3	6	60	2	12	60	2	5	100	3	4	40	1	2	20	0	4	40	1	12	60	2	5	100	3	38	51	1
94	19X41A0494		0	0	10	100	3	9	90	3	10	50	1	5	100	3		0	0		0	0		0	0		0	0	5	100	3		0	0
95	19X41A0495	7	70	3	8	80	3	8	80	3	8	40	1	5	100	3	5	50	1	0	0	0	3	30	0	7	35	0	5	100	3	38	51	1
96	19X41A0496		0	0		0	0		0	0		0	0	5	100	3		0	0		0	0		0	0		0	0	5	100	3		0	0
97	19X41A0497	10	100	3	9	90	3	9	90	3	10	50	1	5	100	3	5	50	1	2	20	0	9	90	3	9	45	1	5	100	3	45	60	2
98	19X41A0499	10	100	3		0	0	9	90	3	12	60	2	5	100	3	4	40	1		0	0		0	0	6	30	0	5	100	3	45	60	2
99	19X41A04A0	2	20	0	2	20	0	9	90	3	10	50	1	5	100	3	5	50	1	2	20	0		0	0	13	65	2	5	100	3	38	51	1
100	19X41A04A1	1	10	0	1	10	0	8	80	3	12	60	2	5	100	3	6	60	2	9	90	3	8	80	3	6	30	0	5	100	3	23	31	0
101	19X41A04A2	9	90	3	10	100	3	9	90	3	10	50	1	5	100	3	1	10	0		0	0	9	90	3	12	60	2	5	100	3	45	60	2
102	19X41A04A3	10	100	3	9	90	3	10	100	3	8	40	1	5	100	3	8	80	3	6	60	2	2	20	0	11	55	2	5	100	3	45	60	2
103	19X41A04A4		0	0	0	0	0	5	50	1	10	50	1	5	100	3	2	20	0	8	80	3	9	90	3	8	40	1	5	100	3	38	51	1
104	20X45A0409	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	10	100	3	10	100	3	9	90	3	12	60	2	5	100	3	60	80	3
105	20X45A0410	10	100	3	10	100	3	8	80	3	8	40	1	5	100	3	8	80	3	2	20	0	6	60	2	8	40	1	5	100	3	38	51	1
106	20X45A0411	10	100	3	10	100	3	9	90	3	14	70	3	5	100	3	10	100	3	1	10	0	9	90	3	6	30	0	5	100	3	45	60	2
107	20X45A0412	9	90	3	9	90	3	8	80	3	13	65	2	5	100	3	10	100	3	5	50	1	8	80	3	5	25	0	5	100	3	45	60	2
108	20X45A0414	10	100	3	9	90	3	9	90	3	12	60	2	5	100	3	4	40	1	9	90	3	9	90	3	12	60	2	5	100	3	38	51	1
109	20X45A0415	9	90	3	8	80	3	7	70	3	10	50	1	5	100	3	7	70	3	5	50	1	7	70	3	8	40	1	5	100	3	38	51	1
110	20X45A0416	10	100	3	10	100	3	10	100	3	14	70	3	5	100	3	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	60	80	3
111	20X45A0417	9	90	3	10	100	3	7	70	3	13	65	2	5	100	3	8	80	3	4	40	1	8	80	3	8	40	1	5	100	3	45	60	2
112	20X45A0418	10	100	3	10	100	3		0	0	14	70	3	5	100	3	5	50	1	10	100	3	10	100	3	11	55	2	5	100	3	53	71	3
113	20X45A0419		0	0	8	80	3	5	50	1	13	65	2	5	100	3	5	50	1	8	80	3	10	100	3	14	70	3	5	100	3	45	60	2
AVERAGE		7.97	70.53	2.35	8.18	68.05	2.29	7.52	64.51	2.21	10.6	51	1.42	5	100	3	7.72	71.06	2.36	6.48	55.66	1.78	7.26	61.68	2.04	8.92	41.86	0.96	5	100	3	41.94	53	1.53
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)		
CO WISE SUM		2.35			2.29			2.29			1.42			3			2.29			1.78			2.04			0.96			3			1.53		

Principals

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKERAPU, VIJAYAWADA DISTRICT, A.P.

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	2.35	1.42	3	1.53	1.67	95.60	2.87	1.91	65	63.67
CO2	2.29	1.42	3	1.53	1.67	97.80	2.93	1.92	65	64.00
CO3	2.285	1.19	3	1.53	1.65	95.23	2.86	1.89	65	63.00
CO4	1.78	0.96	3	1.53	1.57	94.50	2.84	1.82	65	60.67
CO5	2.04	0.96	3	1.53	1.6	94.13	2.82	1.84	65	61.33

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject ES

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	2		2										1			1.91
CO2	2		3		2									2		1.92
CO3	2		2												3	1.89
CO4	2		3		2									2		1.82
CO5	2		3		2										2	1.84

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
18.76		24.34		11.16								1.91	7.48	9.35
1.88		1.87		1.86								1.91	1.87	1.87

CO-PO Matrix for all Subjects IV-I

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
MWOC	1.69	1.7	1.73										1.68		1.72
DCCN	1.72	1.72	1.71	1.7	1.71	1.75		1.72	1.72			1.72	1.72		
DIVP	1.53	1.52	1.51	1.51									1.51		
CSP(PE3)	2.48	2.47	2.48								2.45	2.47	2.47		
ES(PE4)	1.88		1.87		1.86								1.91	1.87	1.87
IOT Lab	2.88	2.87	2.86		2.88	2.87						2.88		2.88	2.88
MWOC-Lab	2.93	2.93	2.93	2.92		2.93				2.93				2.93	
Project - Part I	2.96	2.97	2.97	2.96	2.97	2.97		2.97	2.96	2.96	2.96	2.97	2.97	2.97	2.97
Average	2.26	2.31	2.26	2.27	2.36	2.63		2.35	2.34	2.95	2.71	2.51	2.04	2.66	2.36

2019-23 Admitted Batch Semester Wise Average Attainments

SEMESTER	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
I-I	2.18	2.3	2.2	2.23	2.34	2.39	2.39	2.89	2.89	2.82		2.14	2.01	2.06	2.96
I-II	2.07	2.1	2.03	1.94	2.5	2.86	2.81	2.94	2.5	2.51	2.96	2.02	1.99	2.07	2.96
II-I	1.98	1.94	1.87	1.94	1.8	2.18	1.67	2.3	2.2	1.78	1.5	2	2.14	1.73	1.88
II-II	1.91	1.91	1.78	1.89	2.17	2.71		2.7	2.71	2.02		2.02	1.9	1.83	1.85
III-I	2.12	2.11	2.11	2.08	2.4	2.72	1.3	2.74	2.73	1.98	2.78	2.49	2.03	1.96	2.07
III-II	2.03	2.11	2.03		2.68			2.67		1.97			2.04	2.06	2.32
IV-I	2.26	2.31	2.26	2.27	2.36	2.63		2.35	2.34	2.95	2.71	2.51	2.04	2.66	2.36

The Prince
PRINCIPAL

SRI INSTITUTE OF TECHNOLOGY
ENKEPADU, VIJAYAWADA-521 108.

S. Sri Gowri

Dr. S. SRI GOWRI, M.Tech., Ph.D.,
Professor & Head of E.C.E. Dept.
S.R.K. Institute of Technology



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108
 Approved by AICTE, Affiliated to JNTUK, Kakinada
 ISO 9001:2015 Certified Institution
 Accredited with NAAC 'A' Grade
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs, POs and FSOs

BRANCH: ECE	YEAR-SEM: IV-I	NAME OF LAB: IoT	FACULTY NAME: B.S.S.TEJESH
A.Y:2022-23			

S.NO.	ROLL NO.	INTERNAL															EXTERNAL										
		OBSERVATION RECORD						CO 1			CO 2			CO 3			CO 1			CO 2			CO 3				
		Daywise Performance						M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L		
M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	
1	19X41A0401	5	100	3	5	100	3		0.00			0.00			7	70.00	3	30	100.00	3		0			0.00		
2	19X41A0402	5	100	3	5	100	3	10	100.00	3		0.00				0.00			0.00		30	100	3			0.00	
3	19X41A0403	5	100	3	5	100	3	8	80.00	3		0.00				0.00		30	100.00	3		0				0.00	
4	19X41A0404	5	100	3	5	100	3		0.00			0.00		8	80.00	3	30	100.00	3		0					0.00	
5	19X41A0405	3	60	2	3	60	2		0.00			0.00		5	50.00	1			0.00		0			24	80.00	3	
6	19X41A0406	5	100	3	4	80	3		0.00			0		4	40.00	1			0.00		0			24	80.00	3	
7	19X41A0407	5	100	3	5	100	3		0.00			0.00		9	90.00	3	30	100.00	3		0					0.00	
8	19X41A0408	5	100	3	5	100	3		0.00			0.00		8	80.00	3			0.00		30	100	3			0.00	
9	19X41A0409	5	100	3	5	100	3		0.00			0.00		8	80.00	3	30	100.00	3		0					0.00	
10	19X41A0410	4	80	3	4	80	3		0.00			0.00		5	50.00	1			0.00		0			27	90.00	3	
11	19X41A0411	5	100	3	5	100	3	6	60.00	2		0.00			0.00				0.00		0			27	90.00	3	
12	19X41A0412	5	100	3	5	100	3		0.00		7	70.00	3		0.00			27	90.00	3		0				0.00	
13	19X41A0413	5	100	3	5	100	3	8	80.00	3		0.00			0.00			30	100.00	3		0				0.00	
14	19X41A0414	5	100	3	5	100	3	8	80.00	3		0.00			0.00			0.00		20	66.667	2				0.00	
15	19X41A0415	5	100	3	5	100	3	6	60.00	2		0.00			0.00			27	90.00	3		0				0.00	
16	19X41A0416	5	100	3	5	100	3		0.00			0.00		7	70.00	3			0.00		27	90	3			0.00	
17	19X41A0417	5	100	3	5	100	3		0.00			0.00		8	80.00	3			0.00		0			30	100.00	3	
18	19X41A0418	5	100	3	5	100	3		0.00			0.00		10	100.00	3			0.00		0			30	100.00	3	
19	19X41A0419	5	100	3	4	80	3		0.00		8	80.00	3		0.00				0.00		0			27	90.00	2	
20	19X41A0420	5	100	3	5	100	3	5	50.00	1		0.00			0.00			27	90.00	3		0				0.00	
21	19X41A0421	5	100	3	5	100	3		0.00			0.00		7	70.00	3			0.00		30	100.00	3			0.00	
22	19X41A0422	5	100	3	5	100	3	4	40.00	1		0.00			0.00			27	90.00	3		0				0.00	
23	19X41A0423	5	100	3	5	100	3	2	20.00			0.00			0.00				0.00		24	80	3			0.00	
24	19X41A0424	5	100	3	5	100	3	6	60.00	2		0.00			0.00			27	90.00	3		0				0.00	
25	19X41A0425	5	100	3	5	100	3		0.00		8	80.00	3		0.00				0.00		0			30	100.00	3	
26	19X41A0426	5	100	3	5	100	3	9	90.00	3		0.00			0.00				0.00		0			30	100.00	3	
27	19X41A0427	5	100	3	5	100	3		0.00			0.00		7	70.00	3			0.00		0			30	100.00	3	
28	19X41A0428	5	100	3	5	100	3	6	60.00	2		0.00			0.00			30	100.00	3		0				0.00	
29	19X41A0429	5	100	3	5	100	3		0.00			0.00		7	70.00	3			0.00		30	100	3			0.00	
30	19X41A0431	5	100	3	5	100	3		0.00			0.00		8	80.00	3			0.00		30	100	3			0.00	
31	19X41A0432	5	100	3	5	100	3		0.00			0.00		8	80.00	3	30	100.00	3		0					0.00	
32	19X41A0433	5	100	3	5	100	3	7	70.00	3		0.00			0.00				0.00		30	100	3			0.00	
33	19X41A0434	5	100	3	5	100	3		0.00		5	50.00	1		0.00				0.00		0			27	90.00	3	
34	19X41A0435	5	100	3	5	100	3		0.00			0.00		9	90.00	3			0.00		0			30	100.00	3	
35	19X41A0437	5	100	3	5	100	3	5	50.00	1		0.00			0.00				0.00		0			27	90.00	3	
36	19X41A0438	5	100	3	5	100	3		0.00			0.00		9	90.00	3	30	100.00	3		0					0.00	

(Handwritten Signature)

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

37	19X41A0439	4	80	3	4	80	3		0.00			0.00		5	50.00	1		0.00		24	80	3		0.00		
38	19X41A0440	5	100	3	5	100	3		0.00			0.00		7	70.00	3		0.00			0		27	90.00	3	
39	19X41A0441	5	100	3	5	100	3		0.00			0.00		8	80.00	3		0.00			0		30	100.00	3	
40	19X41A0442	5	100	3	5	100	3		0.00		5	50.00	1		0.00		27	90.00	3		0			0.00		
41	19X41A0443	5	100	3	5	100	3	8	80.00	3		0.00			0.00		30	100.00	3		0			0.00		
42	19X41A0445	5	100	3	5	100	3		0.00			0.00		8	80.00	3	30	100.00	3		0			0.00		
43	19X41A0446	5	100	3	5	100	3		0.00			0.00		7	70.00	3		0.00			0		27	90.00	3	
44	19X41A0447	5	100	3	5	100	3		0.00			0.00		9	90.00	3	30	100.00	3		0			0.00		
45	19X41A0448	5	100	3	5	100	3		0.00			0.00		8	80.00	3	30	100.00	3		0			0.00		
46	19X41A0449	5	100	3	5	100	3		0.00			0.00		6	60.00	2	27	90.00	3		0			0.00		
47	19X41A0450	5	100	3	5	100	3		0.00			0.00		6	60.00	2	27	90.00	3		0			0.00		
48	19X41A0451	5	100	3	5	100	3		0.00			0.00		10	100.00	3		0.00			0		30	100.00	3	
49	19X41A0452	5	100	3	5	100	3	9	90.00	3		0.00			0.00		30	100.00	3		0			0.00		
50	19X41A0453	5	100	3	5	100	3		0.00			0.00		7	70.00	3	30	100.00	3		0			0.00		
51	19X41A0454	5	100	3	5	100	3		0.00			0.00		8	80.00	3	30	100.00	3		0			0.00		
52	19X41A0455	5	100	3	5	100	3		0.00			0.00		9	90.00	3	30	100.00	3		0			0.00		
53	19X41A0456	5	100	3	5	100	3	8	80.00	3		0			0.00		30	100.00	3		0			0.00		
54	19X41A0457	5	100	3	5	100	3		0.00		7	70	3		0.00			0.00			30	100	3		0.00	
55	19X41A0458	5	100	3	5	100	3		0.00			0		7	70.00	3		0.00			27	90	3		0.00	
56	19X41A0460	5	100	3	5	100	3		0.00			0.00		7	70.00	3	30	100.00	3		0			0.00		
57	19X41A0461	5	100	3	5	100	3		0.00			0.00		5	50.00	1	27	90.00	3		0		27	90.00	3	
58	19X41A0463	4	80	3	4	80	3		0.00			0.00		5	50.00	1		0.00			0		24	80.00	3	
59	19X41A0466	5	100	3	5	100	3		0.00		8	80.00	3		0.00			0.00			0		27	90.00	3	
60	19X41A0467	5	100	3	5	100	3		0.00			0.00		8	80.00	3		0.00			0		27	90.00	3	
61	19X41A0468	5	100	3	5	100	3		0.00			0.00		4	40.00	1	24	80.00	3		0			0.00		
62	19X41A0469	5	100	3	4	80	3	6	60.00	2		0.00			0.00			0.00			0		27	90.00	3	
63	19X41A0470	5	100	3	5	100	3		0.00			0.00		8	80.00	3	30	100.00	3		0			0.00		
64	19X41A0471	5	100	3	5	100	3		0.00			0.00		7	70.00	3	30	100.00	3		0			0.00		
65	19X41A0472	3	60	2	4	80	3	6	60.00	2		0.00			0.00			0.00			0		24	80.00	3	
66	19X41A0473	5	100	3	5	100	3		0.00			0.00		6	60.00	2	24	80.00	3		0			0.00		
67	19X41A0474	3	60	2	4	80	3		0.00			0.00		4	40.00	1		0.00			0		21	70.00	3	
68	19X41A0475	5	100	3	5	100	3		0.00			0.00		6	60.00	2		0.00			0		27	90.00	3	
69	19X41A0476	5	100	3	5	100	3	6	60.00	2		0.00			0.00			0.00			0		12	40.00	1	
70	19X41A0477	5	100	3	5	100	3		0.00		8	80.00	3		0.00		30	100.00	3		0			0.00		
71	19X41A0478	5	100	3	5	100	3	8	80.00	3		0.00			0.00		27	90.00	3		0			0.00		
72	19X41A0479	4	80	3	5	100	3		0.00			0.00		4	40.00	1	24	80.00	3		0			0.00		
73	19X41A0480	5	100	3	4	80	3	4	40.00	1		0.00			0.00		24	80.00	3		0			0.00		
74	19X41A0481	5	100	3	4	80	3		0.00			0.00		4	40.00	1	24	80.00	3		0			0.00		
75	19X41A0482	5	100	3	5	100	3	4	40.00	1		0			0.00		27	90.00	3		0			0.00		
76	19X41A0483	4	80	3	5	100	3	4	40.00	1		0.00			0.00			0.00			0		24	80.00	3	
77	19X41A0484	5	100	3	5	100	3	4	40.00	1		0.00			0.00			0.00			0		27	90.00	3	
78	19X41A0485	4	80	3	3	60	2		0.00			0.00		5	50.00	1		0.00			0		24	80.00	3	
79	19X41A0486	5	100	3	5	100	3	5	50.00	1		0.00			0.00		24	80.00	3		0			0.00		
80	19X41A0487	5	100	3	5	100	3		0.00			0.00		6	60.00	2		0.00			0		27	90.00	3	
81	19X41A0488	5	100	3	5	100	3	7	70.00	3		0.00			0.00		27	90.00	3		0			0.00		
82	19X41A0489	5	100	3	5	100	3	7	70.00	3		0.00			0.00			0.00			0		30	100.00	3	
83	19X41A0490	5	100	3	5	100	3		0.00			0.00		8	80.00	3	30	100.00	3		0			0.00		
84	19X41A0491	5	100	3	5	100	3	10	100.00	3		0.00			0.00			0.00			0			0.00		
85	19X41A0492	5	100	3	5	100	3		0.00			0.00		7	70.00	3	27	90.00	3		0			0.00		

Handwritten signature

SRK INSTITUTE OF TECHNOLOGY
ENIKERU, VIJAYAWADA-521 108.

86	19X41A0493	3	60	2	3	60	2	7	70.00	3		0.00			0.00			0.00			0		24	80.00	3	
87	19X41A0494	5	100	3	5	100	3		0.00			0.00	6	60.00	2	27	90.00	3			0			0.00		
88	19X41A0495	4	80	3	4	80	3	7	70.00	3		0.00				27	90.00	3			0			0.00		
89	19X41A0496	5	100	3	5	100	3		0.00			0.00	6	60.00	2		0.00				0		27	90.00	3	
90	19X41A0497	2	40	1	3	60	2		0.00			0.00	5	50.00	1	24	80.00	3			0			0.00		
91	19X41A0499	5	100	3	5	100	3		0.00			0.00	10	100.00	3	30	100.00	3			0			0.00		
92	19X41A04A0	5	100	3	5	100	3		0.00			0.00	7	70.00	3		0.00				0		30	100.00	3	
93	19X41A04A1	5	100	3	5	100	3		0.00			0.00	6	60.00	2	27	90.00	3			0			0.00		
94	19X41A04A2	5	100	3	5	100	3	5	50.00	1		0.00					0.00				0		30	100.00	3	
95	19X41A04A3	4	80	3	5	100	3	9	90.00	3		0.00				30	100.00	3			0			0.00		
96	19X41A04A4	5	100	3	5	100	3	6	60.00	2		0.00				27	90.00	3			0			0.00		
97	20X45A0401	4	80	3	5	100	3		0.00			0.00	6	60.00	2		0.00				0		27	90.00	3	
98	20X45A0402	4	80	3	5	100	3		0.00		10	100.00	3				0.00				0			0.00		
99	20X45A0403	5	100	3	5	100	3	6	60.00	2		0.00				30	100.00	3			0			0.00		
100	20X45A0404	5	100	3	5	100	3		0.00			0.00	6	60.00	2	27	90.00	3			0			0.00		
101	20X45A0405	5	100	3	5	100	3		0.00			0.00	8	80.00	3		0.00				27	90	3		0.00	
102	20X45A0406	5	100	3	5	100	3	3	30.00			0.00					0.00				27	90	3		0.00	
103	20X45A0407	5	100	3	5	100	3	5	50.00	1		0.00					0.00				0		27	90.00	3	
104	20X45A0408	5	100	3	5	100	3		0.00			0.00	10	100.00	3	27	90.00	3			0			0.00		
105	20X45A0409	5	100	3	5	100	3		0.00			0.00	8	80.00	3	30	100.00	3			0			0.00		
106	20X45A0410	5	100	3	5	100	3		0.00			0.00	10	100.00	3		0.00				0		30	100.00	3	
107	20X45A0411	5	100	3	5	100	3		0.00			0.00	7	70.00	3								30	100.00	3	
AVERAGE		4.8	96.1	2.9	4.8	96.4	3	6.3	21.9	2.2	7.3	6.2	2.6	7	40	2.4	28.2	47.8	3	27.4	11.2	2.9	27	33.6	2.9	
CO		CO1-CO3			CO1-CO3			CO 1			CO 2			CO 3			CO 1			CO 2			CO 3			
CO WISE PERCENTAGE		2.9			3			2.2			2.6			2.4			3			2.9			2.9			

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

CO ATTAINMENT	DAYWISE PERFORMANCE		INTERNAL EXAM	INTERNAL MARKS LEVEL	EXTERNAL MARKS LEVEL	DIRECT ATTAINMENT	INDIRECT ATTAINMENT %	INDIRECT ATTAINMENT	FINAL ATTAINMENT LEVELS	EXPECTED LEVEL of ATTAINMENT %	ATTAINMENT %
CO1	2.9	3	2.2	2.7	3	2.88	96.18	2.89	2.88	70.00	96
CO2	2.9	3	2.6	2.83	2.9	2.87	98.73	2.96	2.89	70.00	96.33
CO3	2.9	3	2.4	2.77	2.9	2.85	96.65	2.9	2.86	70.00	95.33

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject IoT LAB

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	ATTAINMENT LEVEL
CO1	3	1			3	2						3		2	3	2.88
CO2	2	2			3							2		2	3	2.89
CO3	3	3	2		3	1						3		2	3	2.86

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
23	17.24	5.72		25.89	8.62						23		17.26	25.89
2.88	2.87	2.86		2.88	2.87						2.88		2.88	2.88

CO-PO Matrix for all Subjects IV-1

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
MWOC	1.69	1.7	1.73										1.68		1.72
DCCN	1.72	1.72	1.71	1.7	1.71	1.75		1.72	1.72			1.72	1.72		
DVP	1.53	1.52	1.51	1.51									1.51		
PE3	2.48	2.47	2.48								2.45	2.47	2.47		
PE4	1.88		1.87		1.86								1.91	1.87	1.87
IOT LAB	2.88	2.87	2.86		2.88	2.87						2.88		2.88	2.88
MWOC LAB	2.93	2.93	2.93	2.92		2.93				2.93				2.93	
Project - Part I	2.96	2.97	2.97	2.96	2.97	2.97		2.97	2.96	2.96	2.96	2.97	2.97	2.97	2.97
AVG	2.26	2.31	2.26	2.27	2.36	2.63		2.35	2.34	2.95	2.71	2.51	2.04	2.66	2.36

2019-23 Admitted Batch Semester Wise Average Attainments

SEMESTER	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
I-I	2.18	2.3	2.2	2.23	2.34	2.39	2.39	2.89	2.89	2.82		2.14	2.01	2.06	2.01
I-II	2.07	2.1	2.03	1.94	2.5	2.86	2.81	2.94	2.5	2.51	2.96	2.02	1.99	2.07	2.96
II-I	2.45	2.58	2.45	2.46	2.49	2.78	2.6	2.79	2.67	2.83	2.88	2.5	2.18	2.49	2.51
II-II	1.91	1.91	1.78	1.89	2.17	2.71		2.7	2.71	2.02		2.02	1.9	1.83	
III-I	2.12	2.11	2.11	2.08	2.4	2.72	1.3	2.74	2.73	1.98	2.78	2.49	2.03	1.96	
III-II	2.03	2.11	2.03		2.68			2.67		1.97			2.04	2.06	
IV-I	2.26	2.31	2.26	2.27	2.36	2.63		2.35	2.34	2.95	2.71	2.51	2.04	2.66	2.36
AVG	2.15	2.2	2.12	2.15	2.42	2.68	2.28	2.73	2.64	2.44	2.83	2.28	2.03	2.16	2.3

S. Sri Gowri

PRINCIPAL
SRI INSTITUTE OF TECHNOLOGY
E. C. E. DEPT. VIJAYAWADA-521 108.

Dr. S. SRI GOWRI, M.Tech., Ph.D.,
Professor & Head of E.C.E. Dept.
S.R.K. Institute of Technology



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108
 Approved by AICTE, Affiliated to JNTUK, Kakinada
 ISO 9001:2015 Certified Institution
 Accredited with NAAC 'A' Grade
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs, POs and PSO

BRANCH: ECE	YEAR-SEM: IV-I	NAME OF LAB: MWOC	FACULTY NAME: K.V.ANU SWETHA
A.Y:2022-23			

S.NO.	ROL L NO _s	INTERNAL															EXTERNAL											
		OBSERVATION						RECORD			CO 1			CO 2			CO 3			CO 1			CO 2			CO 3		
		Daywise Performance																										
		M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L	M	%	L
1	19X41A0401	5	100	3	5	100	3	6	60.00	2		0.00			0.00			22	73.33	3		0			0.00			
2	19X41A0402	5	100	3	5	100	3		0.00			0.00			9	90.00	3	30	100.00	3		0			0.00			
3	19X41A0403	5	100	3	5	100	3	10	100.00	3		0.00				0.00		30	100.00	3		0			0.00			
4	19X41A0404	5	100	3	5	100	3		0.00		6	60.00	2		0.00				0.00			0		21	70.00	3		
5	19X41A0405	5	100	3	5	100	3		0.00			0.00		4	40.00	1		0.00			0			0.00				
6	19X41A0406	5	100	3	5	100	3	4	40.00	1			0		0.00				0.00			0		20	66.67	2		
7	19X41A0407	5	100	3	5	100	3		0.00			0.00		7	70.00	3		0.00			30	100	3		0.00			
8	19X41A0408	5	100	3	5	100	3		0.00		5	50.00	1		0.00			0.00			19	63.333	2		0.00			
9	19X41A0409	5	100	3	5	100	3	4	40.00	1		0.00			0.00			0.00			0		20	66.67	2			
10	19X41A0410	5	100	3	5	100	3	4	40.00	1		0.00			0.00			0.00			0		19	63.33	2			
11	19X41A0411	5	100	3	5	100	3		0.00			0.00		4	40.00	1	18	60.00	2		0			0.00				
12	19X41A0412	5	100	3	5	100	3	5	50.00	1		0.00			0.00			0.00			0		21	70.00	3			
13	19X41A0413	5	100	3	5	100	3		0.00		10	100.00	3		0.00			0.00			30	100	3		0.00			
14	19X41A0414	5	100	3	5	100	3		0.00			0.00		4	40.00	1		0.00			25	83.333	3		0.00			
15	19X41A0415	5	100	3	5	100	3		0.00			0.00		5	50.00	1	21	70.00	3		0			0.00				
16	19X41A0416	5	100	3	5	100	3		0.00		5	50.00	1		0.00		19	63.33	2		0			0.00				
17	19X41A0417	5	100	3	5	100	3	6	60.00	2		0.00			0.00			0.00			0		24	80.00	3			
18	19X41A0418	5	100	3	5	100	3		0.00			0.00		10	100.00	3		0.00			0		30	100.00	3			
19	19X41A0419	5	100	3	5	100	3		0.00		5	50.00	1		0.00			0.00			0		24	80.00	3			
20	19X41A0420	5	100	3	5	100	3	7	70.00	3		0.00			0.00			0.00			0		19	63.33	2			
21	19X41A0421	5	100	3	5	100	3	7	70.00	3		0.00			0.00			0.00			30	100	3		0.00			
22	19X41A0422	5	100	3	5	100	3		0.00		6	60.00	2		0.00			0.00			25	83.333	3		0.00			
23	19X41A0423	5	100	3	5	100	3		0.00			0.00		5	50.00	1		0.00			23	76.667	3		0.00			
24	19X41A0424	5	100	3	5	100	3		0.00			0.00		5	50.00	1		0.00			0		19	63.33	2			
25	19X41A0425	5	100	3	5	100	3	8	80.00	3		0.00			0.00			0.00			0		18	60.00	2			
26	19X41A0426	5	100	3	5	100	3		0.00		7	70.00	3		0.00			0.00			0		30	100.00	3			
27	19X41A0427	5	100	3	5	100	3		0.00			0.00		6	60.00	2		0.00			0		29	96.67	3			
28	19X41A0428	5	100	3	5	100	3		0.00			0.00		9	90.00	3		0.00			0		23	76.67	3			
29	19X41A0429	5	100	3	5	100	3	9	90.00	3		0.00			0.00		26	86.67	3		0			0.00				
30	19X41A0431	5	100	3	5	100	3		0.00		5	50.00	1		0.00			0.00			27	90	3		0.00			
31	19X41A0432	5	100	3	5	100	3		0.00			0.00		10	100.00	3		0.00			30	100	3		0.00			
32	19X41A0433	5	100	3	5	100	3	5	50.00	1		0.00			0.00		21	70.00	3		0			0.00				
33	19X41A0434	5	100	3	5	100	3		0.00			0.00		4	40.00	1	20	66.67	2		0			0.00				
34	19X41A0435	5	100	3	5	100	3	9	90.00	3		0.00			0.00			0.00			0		21	70.00	3			
35	19X41A0437	5	100	3	5	100	3		0.00			0.00		9	90.00	3		0.00			25	83.333	3		0.00			
36	19X41A0438	5	100	3	5	100	3		0.00		10	100.00	3		0.00		30	100.00	3		0			0.00				

(Handwritten Signature)

PRINCIPAL
 SRK INSTITUTE OF TECHNOLOGY
 ENIKEPADU, VIJAYAWADA-521 108

37	19X41A0439	5	100	3	5	100	3		0.00		4	40.00	1		0.00		18	60.00	2		0		0.00		
38	19X41A0440	5	100	3	5	100	3	7	70.00	3		0.00			0.00			0.00		22	73.333	3		0.00	
39	19X41A0441	5	100	3	5	100	3		0.00		7	70.00	3		0.00			0.00			0		18	60.00	2
40	19X41A0442	5	100	3	5	100	3		0.00			0.00		7	70.00	3	24	80.00	3		0			0.00	
41	19X41A0443	5	100	3	5	100	3		0.00		8	80.00	3		0.00		26	86.67	3		0			0.00	
42	19X41A0445	5	100	3	5	100	3	8	80.00	3		0.00			0.00			0.00		29	96.667	3		0.00	
43	19X41A0446	5	100	3	5	100	3		0.00		5	50.00	1		0.00			0.00		22	73.333	3		0.00	
44	19X41A0447	5	100	3	5	100	3		0.00			0.00		8	80.00	3		0.00		29	96.667	3		0.00	
45	19X41A0448	5	100	3	5	100	3		0.00		6	60.00	2		0.00		26	86.67	3		0			0.00	
46	19X41A0449	5	100	3	5	100	3	4	40.00	1		0.00			0.00		16	53.33	1		0			0.00	
47	19X41A0450	5	100	3	5	100	3	4	40.00	1		0.00			0.00			0.00		19	63.333	2		0.00	
48	19X41A0451	5	100	3	5	100	3		0.00		10	100.00	3		0.00			0.00			0		30	100.00	3
49	19X41A0452	5	100	3	5	100	3	10						100.00		3		0.00			0		28	93.33	3
50	19X41A0453	5	100	3	5	100	3				5				0.00			0.00		23	76.667	3		0.00	
51	19X41A0454	5	100	3	5	100	3						6	0.00		27	90.00	3			0			0.00	
52	19X41A0455	5	100	3	5	100	3						9	0.00			0.00		19	63.333	2		0.00		
53	19X41A0456	5	100	3	5	100	3	6							0.00			0.00			0		22	73.33	3
54	19X41A0457	5	100	3	5	100	3		0.00		5	50	1		0.00			0.00			0		20	66.67	2
55	19X41A0458	5	100	3	5	100	3		0.00			0		10	100.00	3		0.00		30	100	3		0.00	
56	19X41A0460	5	100	3	5	100	3	8	80.00	3		0.00			0.00		18	60.00	2		0			0.00	
57	19X41A0461	5	100	3	5	100	3		0.00		5	50.00	1		0.00			0.00			0			0.00	
58	19X41A0463	5	100	3	5	100	3		0.00			0.00		6	60.00	2	26	86.67	3		0			0.00	
59	19X41A0466	5	100	3	5	100	3		0.00		4	40.00	1		0.00			0.00		21	70	3		0.00	
60	19X41A0467	5	100	3	5	100	3	5	50.00	1		0.00			0.00			0.00		20	66.667	2		0.00	
61	19X41A0468	5	100	3	5	100	3		0.00		7	70.00	3		0.00			0.00			0		30	100.00	3
62	19X41A0469	5	100	3	5	100	3		0.00			0.00		5	50.00	1		0.00		29	96.667	3		0.00	
63	19X41A0470	5	100	3	5	100	3		0.00		9	90.00	3		0.00			0.00		25	83.333	3		0.00	
64	19X41A0471	5	100	3	5	100	3		0.00		9	90.00	3		0.00			0.00		29	96.667	3		0.00	
65	19X41A0472	5	100	3	5	100	3	8	80.00	3		0.00			0.00			0.00			0		28	93.33	3
66	19X41A0473	5	100	3	5	100	3		0.00			0.00		4	40.00	1		0.00		24	80	3		0.00	
67	19X41A0474	5	100	3	5	100	3		0.00		6	60.00	2		0.00			0.00		23	76.667	3		0.00	
68	19X41A0475	5	100	3	5	100	3	7	70.00	3		0.00			0.00		22	73.33	3		0			0.00	
69	19X41A0476	5	100	3	5	100	3		0.00		5	50.00	1		0.00			0.00			0		18	60.00	2
70	19X41A0477	5	100	3	5	100	3		0.00			0.00		6	60.00	2		0.00			0		26	86.67	3
71	19X41A0478	5	100	3	5	100	3		0.00		8	80.00	3		0.00			0.00			0		28	93.33	3
72	19X41A0479	5	100	3	5	100	3	5	50.00	1		0.00			0.00		23	76.67	3		0			0.00	
73	19X41A0480	5	100	3	5	100	3		0.00			0.00		4	40.00	1		0.00			0		21	70.00	3
74	19X41A0481	5	100	3	5	100	3	7	70.00	3		0.00			0.00			0.00		26	86.667	3		0.00	
75	19X41A0482	5	100	3	5	100	3		0.00			0		7	70.00	3		0.00		27	90	3		0.00	
76	19X41A0483	5	100	3	5	100	3		0.00		10	100.00	3		0.00			0.00			0		30	100.00	3
77	19X41A0484	5	100	3	5	100	3	8	80.00	3		0.00			0.00			0.00			0		27	90.00	3
78	19X41A0485	5	100	3	5	100	3		0.00		10	100.00	3		0.00			0.00		30	100	3		0.00	
79	19X41A0486	5	100	3	5	100	3	7	70.00	3		0.00			0.00			0.00		20	66.667	2		0.00	
80	19X41A0487	5	100	3	5	100	3		0.00		5	50.00	1		0.00		24	80.00	3		0			0.00	
81	19X41A0488	5	100	3	5	100	3		0.00			0.00		7	70.00	3	26	86.67	3		0			0.00	
82	19X41A0489	5	100	3	5	100	3		0.00		6	60.00	2		0.00			0.00			0		21	70.00	3
83	19X41A0490	5	100	3	5	100	3	6	60.00	2		0.00			0.00		21	70.00	3		0			0.00	
84	19X41A0491	5	100	3	5	100	3	5	50.00	1		0.00			0.00			0.00		26	86.667	3		0.00	
85	19X41A0492	5	100	3	5	100	3		0.00			0.00		6	60.00	2		0.00		26	86.667	3		0.00	

Principals

86	19X41A0493	5	100	3	5	100	3		0.00		4	40.00	1		0.00			0.00		21	70	3		0.00	
87	19X41A0494	5	100	3	5	100	3	10	100.00	3		0.00			0.00			0.00		30	100	3		0.00	
88	19X41A0495	5	100	3	5	100	3		0.00		4	40.00	1		0.00			0.00			0		19	63.33	2
89	19X41A0496	5	100	3	5	100	3		0.00			0.00		5	50.00	1		0.00			0		19	63.33	2
90	19X41A0497	5	100	3	5	100	3		0.00		8	80.00	3		0.00			0.00			0			0.00	
91	19X41A0499	5	100	3	5	100	3	6	60.00	2		0.00			0.00			0.00			0		19	63.33	2
92	19X41A04A0	5	100	3	5	100	3	6	60.00	2		0.00			0.00			0.00		21	70	3		0.00	
93	19X41A04A1	5	100	3	5	100	3	5	50.00	1		0.00			0.00			0.00			0		21	70.00	3
94	19X41A04A2	5	100	3	5	100	3		0.00			0.00		10	100.00	3		0.00			0		23	76.67	3
95	19X41A04A3	5	100	3	5	100	3		0.00		8	80.00	3		0.00			0.00		18	60	2		0.00	
96	19X41A04A4	5	100	3	5	100	3	9	90.00	3		0.00			0.00			0.00		26	86.667	3		0.00	
97	20X45A0401	5	100	3	5	100	3	4	40.00	1		0.00			0.00			0.00		16	53.333	1		0.00	
98	20X45A0402	5	100	3	5	100	3		0.00		8	80.00	3		0.00			0.00			0		22	73.33	3
99	20X45A0403	5	100	3	5	100	3		0.00			0.00		9	90.00	3		0.00		28	93.333	3		0.00	
100	20X45A0404	5	100	3	5	100	3		0.00			0.00		4	40.00	1		0.00			0		26	86.67	3
101	20X45A0405	5	100	3	5	100	3	9	90.00	3		0.00			0.00			0.00			0		21	70.00	3
102	20X45A0406	5	100	3	5	100	3		0.00			0.00		10	100.00	3		0.00			0		23	76.67	3
103	20X45A0407	5	100	3	5	100	3		0.00		7	70.00	3		0.00		23	76.67	3		0			0.00	
104	20X45A0408	5	100	3	5	100	3	7	70.00	3		0.00			0.00			0.00			0		19	63.33	2
105	20X45A0409	5	100	3	5	100	3	6	60.00	2		0.00			0.00			0.00			0		19	63.33	2
106	20X45A0410	5	100	3	5	100	3		0.00		7	70.00	3		0.00			0.00			0		26	86.67	3
107	20X45A0411	5	100	3	5	100	3		0.00			0.00		7	70.00	3		0.00			0		24	80.00	3
AVERAGE		5	100	3	5	100	3	6.6	22.9	2.2	6.8	24.7	2.2	6.7	19.5	2.1	23.2	16.7	2.7	25	30	2.8	23.1	30.5	2.7
CO		CO1-CO3			CO1-CO3			CO 1			CO 2			CO 3			CO 1			CO 2			CO 3		
CO WISE PERCENTAGE		3			3			2.2			2.2			2.1			2.7			2.8			2.7		

(Handwritten Signature)

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKERAPU, VIJAYAWADA

CO ATTAINMENT	DAYWISE PERFORMANCE		INTERNAL EXAM	INTERNAL MARKS LEVEL	EXTERNAL MARKS LEVEL	DIRECT ATTAINMENT	INDIRECT ATTAINMENT %	INDIRECT ATTAINMENT	FINAL ATTAINMENT LEVELS	EXPECTED LEVEL of ATTAINMENT %	ATTAINMENT %
CO1	3	3	2.8	2.9	3	2.96	97.62	2.93	2.95	70.00	98.33
CO2	3	3	2.8	2.9	2.9	2.9	95.64	2.87	2.89	70.00	96.33
CO3	3	3	2.8	2.9	3	2.96	96.04	2.88	2.94	70.00	98

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	≥70

CO-PO correlation Matrix for the Subject MWOC LAB

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	ATTAINMENT LEVEL
CO1	3	2	2	2		2				3				3		2.95
CO2	3	2	1	3		2				2				3		2.89
CO3	3	2	2	2		2				3				3		2.94

PO Attalments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
26.34	17.56	14.67	20.45		17.56				23.45				26.34	
2.93	2.93	2.93	2.92		2.93				2.93				2.93	

CO-PO Matrix for all Subjects IV-I

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
MWOC	1.69	1.7	1.73										1.68		1.72
DCCN	1.72	1.72	1.71	1.7	1.71	1.75		1.72	1.72			1.72	1.72		
DVP	1.53	1.52	1.51	1.51									1.51		
PE3	2.48	2.47	2.48								2.45	2.47	2.47		
PE4	1.88		1.87		1.86								1.91	1.87	1.87
IOT LAB	2.88	2.87	2.86		2.88	2.87						2.88	2.88	2.88	2.88
MWOC LAB	2.93	2.93	2.93	2.92		2.93				2.93				2.93	
Project - Part I	2.96	2.97	2.97	2.96	2.97	2.97		2.97	2.96	2.96	2.96	2.97	2.97	2.97	2.97
AVG	2.26	2.31	2.26	2.27	2.36	2.63		2.35	2.34	2.95	2.71	2.51	2.04	2.66	2.36

2019-23 Admitted Batch Semester Wise Average Attalments

SEMESTER	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
I-I	2.18	2.3	2.2	2.23	2.34	2.39	2.39	2.89	2.89	2.82		2.14	2.01	2.06	2.01
I-II	2.07	2.1	2.03	1.94	2.5	2.86	2.81	2.94	2.5	2.51	2.96	2.02	1.99	2.07	2.96
II-I	2.45	2.58	2.45	2.46	2.49	2.78	2.6	2.79	2.67	2.83	2.88	2.5	2.18	2.49	2.51
II-II	1.91	1.91	1.78	1.89	2.17	2.71		2.7	2.71	2.02		2.02	1.9	1.83	1.83
III-I	2.12	2.11	2.11	2.08	2.4	2.72	1.3	2.74	2.73	1.98	2.78	2.49	2.03	1.96	2.07
III-II	2.03	2.11	2.03		2.68			2.67		1.97			2.04	2.06	2.32
IV-I	2.26	2.31	2.26	2.27	2.36	2.63		2.35	2.34	2.95	2.71	2.51	2.04	2.66	2.36
AVG	2.15	2.2	2.12	2.15	2.42	2.68	2.28	2.73	2.64	2.44	2.83	2.28	2.03	2.16	2.3


Handwritten signature

PRINCIPAL
 SRK INSTITUTE OF TECHNOLOGY
 Dr. S. SRI GOWRI, M.Tech., Ph.D.,
 Professor & Head of E.C.E. Dept.
 S.R.K. Institute of Technology



SRK INSTITUTE OF TECHNOLOGY, VIJAYAWADA
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR: 2022-23

BRANCH: ECE		YEAR-SEM: IV-II						SUBJECT: PROJECT												EXTERNAL MARKS		
S.NO	ROLL NO.	CO1			CO2			CO3			CO4			CO5			CO6					
		1	19X41A0401	9	90	3	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	112
2	19X41A0402	10	100	3	10	100	3	10	100	3	9	90	3	9	90	3	9	90	3	140	100	3
3	19X41A0403	10	100	3	8	80	3	10	100	3	10	100	3	10	100	3	9	90	3	140	100	3
4	19X41A0404	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
5	19X41A0405	10	100	3	9	90	3	9	90	3	8	80	3	8	80	3	8	80	3	140	100	3
6	19X41A0406	7	70	3	7	70	3	7	70	3	7	70	3	7	70	3	5	50	1	112	80	3
7	19X41A0407	10	100	3	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
8	19X41A0408	10	100	3	10	100	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
9	19X41A0409	9	90	3	9	90	3	9	90	3	9	90	3	9	90	3	9	90	3	126	90	3
10	19X41A0410	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	7	70	3	126	90	3
11	19X41A0411	8	80	3	8	80	3	8	80	3	7	70	3	7	70	3	8	80	3	112	80	3
12	19X41A0412	9	90	3	9	90	3	8	80	3	8	80	3	8	80	3	8	80	3	112	80	3
13	19X41A0413	10	100	3	10	100	3	10	100	3	9	90	3	9	90	3	8	80	3	140	100	3
14	19X41A0414	10	100	3	10	100	3	9	90	3	9	90	3	10	100	3	8	80	3	140	100	3
15	19X41A0415	10	100	3	7	70	3	7	70	3	7	70	3	7	70	3	7	70	3	112	80	3
16	19X41A0416	10	100	3	10	100	3	9	90	3	9	90	3	9	90	3	8	80	3	126	90	3
17	19X41A0417	9	90	3	9	90	3	9	90	3	9	90	3	8	80	3	8	80	3	126	90	3
18	19X41A0418	10	100	3	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	112	80	3
19	19X41A0419	9	90	3	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	112	80	3
20	19X41A0420	9	90	3	9	90	3	9	90	3	9	90	3	9	90	3	9	90	3	140	100	3
21	19X41A0421	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	7	70	3	126	90	3
22	19X41A0422	9	90	3	9	90	3	9	90	3	9	90	3	9	90	3	8	80	3	140	100	3
23	19X41A0423	8	80	3	8	80	3	8	80	3	8	80	3	7	70	3	7	70	3	112	80	3
24	19X41A0424	10	100	3	10	100	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
25	19X41A0425	10	100	3	10	100	3	10	100	3	10	100	3	10	100	3	10	100	3	140	100	3
26	19X41A0426	10	100	3	10	100	3	9	90	3	9	90	3	9	90	3	8	80	3	126	90	3
27	19X41A0428	9	90	3	9	90	3	9	90	3	9	90	3	8	80	3	8	80	3	112	80	3
28	19X41A0429	10	100	3	10	100	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
29	19X41A0431	10	100	3	10	100	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
30	19X41A0432	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
31	19X41A0433	10	100	3	9	90	3	9	90	3	8	80	3	8	80	3	8	80	3	126	90	3
32	19X41A0434	9	90	3	9	90	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
33	19X41A0435	7	70	3	7	70	3	7	70	3	7	70	3	7	70	3	5	50	1	98	70	3
34	19X41A0438	10	100	3	10	100	3	10	100	3	10	100	3	8	80	3	8	80	3	140	100	3
35	19X41A0439	9	90	3	9	90	3	9	90	3	9	90	3	9	90	3	9	90	3	126	90	3
36	19X41A0440	10	100	3	10	100	3	8	80	3	8	80	3	8	80	3	8	80	3	140	100	3
37	19X41A0441	7	70	3	7	70	3	7	70	3	7	70	3	7	70	3	3	30	0	98	70	3
38	19X41A0442	10	100	3	10	100	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
39	19X41A0443	7	70	3	7	70	3	7	70	3	7	70	3	7	70	3	7	70	3	126	90	3
40	19X41A0445	8	80	3	8	80	3	7	70	3	7	70	3	7	70	3	7	70	3	98	70	3
41	19X41A0446	9	90	3	9	90	3	9	90	3	9	90	3	9	90	3	9	90	3	126	90	3
42	19X41A0447	9	90	3	9	90	3	9	90	3	9	90	3	8	80	3	8	80	3	126	90	3
43	19X41A0448	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	112	80	3


PRINCIPAL
S.R.K. INSTITUTE OF TECHNOLOGY
ENIKEPADU,
VIJAYAWADA-521 108.

44	19X41A0449	9	90	3	9	90	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
45	19X41A0450	9	90	3	9	90	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
46	19X41A0451	9	90	3	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	112	80	3
47	19X41A0452	9	90	3	9	90	3	9	90	3	8	80	3	8	80	3	7	70	3	112	80	3
48	19X41A0453	10	100	3	10	100	3	10	100	3	9	90	3	8	80	3	8	80	3	140	100	3
49	19X41A0454	10	100	3	10	100	3	10	100	3	9	90	3	9	90	3	8	80	3	140	100	3
50	19X41A0455	7	70	3	7	70	3	7	70	3	7	70	3	7	70	3	3	30	0	98	70	3
51	19X41A0456	10	100	3	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	112	80	3
52	19X41A0457	10	100	3	10	100	3	10	100	3	9	90	3	9	90	3	8	80	3	140	100	3
53	19X41A0458	9	90	3	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	112	80	3
54	19X41A0460	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
55	19X41A0461	9	90	3	9	90	3	9	90	3	8	80	3	8	80	3	8	80	3	126	90	3
56	19X41A0463	10	100	3	10	100	3	9	90	3	9	90	3	8	80	3	7	70	3	126	90	3
57	19X41A0467	10	100	3	10	100	3	8	80	3	8	80	3	8	80	3	8	80	3	112	80	3
58	19X41A0468	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	112	80	3
59	19X41A0469	10	100	3	9	90	3	9	90	3	8	80	3	8	80	3	7	70	3	112	80	3
60	19X41A0470	10	100	3	10	100	3	10	100	3	9	90	3	9	90	3	8	80	3	140	100	3
61	19X41A0471	10	100	3	9	90	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
62	19X41A0472	10	100	3	9	90	3	8	80	3	8	80	3	8	80	3	9	90	3	126	90	3
63	19X41A0473	10	100	3	10	100	3	9	90	3	9	90	3	8	80	3	8	80	3	126	90	3
64	19X41A0474	10	100	3	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	112	80	3
65	19X41A0475	7	70	3	7	70	3	7	70	3	7	70	3	7	70	3	7	70	3	98	70	3
66	19X41A0476	10	100	3	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
67	19X41A0477	10	100	3	10	100	3	10	100	3	9	90	3	9	90	3	8	80	3	126	90	3
68	19X41A0478	7	70	3	7	70	3	7	70	3	7	70	3	7	70	3	5	50	1	112	80	3
69	19X41A0479	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	112	80	3
70	19X41A0480	9	90	3	9	90	3	9	90	3	9	90	3	9	90	3	9	90	3	126	90	3
71	19X41A0482	8	80	3	8	80	3	8	80	3	8	80	3	7	70	3	7	70	3	112	80	3
72	19X41A0483	10	100	3	9	90	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
73	19X41A0484	10	100	3	10	100	3	9	90	3	9	90	3	7	70	3	7	70	3	112	80	3
74	19X41A0485	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
75	19X41A0486	10	100	3	10	100	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
76	19X41A0488	10	100	3	10	100	3	10	100	3	10	100	3	9	90	3	8	80	3	140	100	3
77	19X41A0489	10	100	3	10	100	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
78	19X41A0490	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	7	70	3	112	80	3
79	19X41A0491	10	100	3	10	100	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
80	19X41A0492	7	70	3	7	70	3	7	70	3	7	70	3	7	70	3	7	70	3	112	80	3
81	19X41A0493	10	100	3	10	100	3	10	100	3	10	100	3	9	90	3	8	80	3	140	100	3
82	19X41A0495	10	100	3	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
83	19X41A0497	10	100	3	10	100	3	8	80	3	8	80	3	8	80	3	8	80	3	140	100	3
84	19X41A0499	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	112	80	3
85	19X41A04A0	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	112	80	3
86	19X41A04A1	9	90	3	9	90	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
87	19X41A04A2	10	100	3	10	100	3	9	90	3	8	80	3	8	80	3	7	70	3	126	90	3
88	19X41A04A3	10	100	3	9	90	3	8	80	3	8	80	3	8	80	3	7	70	3	126	90	3
89	19X41A04A4	9	90	3	9	90	3	8	80	3	8	80	3	8	80	3	8	80	3	112	80	3
90	20X45A0401	10	100	3	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
91	20X45A0402	10	100	3	9	90	3	8	80	3	8	80	3	8	80	3	7	70	3	112	80	3

Handwritten signature

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
EKKERU, VJAYAWADA-521 108.

92	20X45A0403	10	100	3	10	100	3	9	90	3	9	90	3	8	80	3	8	80	3	126	90	3
93	20X45A0404	10	100	3	10	100	3	10	100	3	10	100	3	8	80	3	8	80	3	140	100	3
94	20X45A0405	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
95	20X45A0406	10	100	3	10	100	3	10	100	3	9	90	3	8	80	3	8	80	3	140	100	3
96	20X45A0407	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	126	90	3
97	20X45A0408	10	100	3	9	90	3	9	90	3	9	90	3	9	90	3	9	90	3	126	90	3
98	20X45A0409	10	100	3	10	100	3	10	100	3	9	90	3	9	90	3	8	80	3	140	100	3
99	20X45A0410	10	100	3	9	90	3	9	90	3	8	80	3	8	80	3	8	80	3	126	90	3
100	20X45A0411	10	100	3	10	100	3	9	90	3	9	90	3	7	70	3	7	70	3	126	90	3
101	20X45A0412	10	100	3	9	90	3	9	90	3	9	90	3	9	90	3	9	90	3	140	100	3
102	20X45A0414	10	100	3	10	100	3	10	100	3	9	90	3	9	90	3	8	80	3	140	100	3
103	20X45A0415	7	70	3	7	70	3	7	70	3	7	70	3	7	70	3	7	70	3	112	80	3
104	20X45A0416	10	100	3	10	100	3	10	100	3	10	100	3	8	80	3	8	80	3	140	100	3
105	20X45A0417	8	80	3	8	80	3	8	80	3	8	80	3	8	80	3	7	70	3	126	90	3
106	20X45A0418	8	80	3	8	80	3	8	80	3	8	80	3	7	70	3	7	70	3	126	90	3
107	20X45A0419	10	100	3	10	100	3	8	80	3	8	80	3	7	70	3	7	70	3	126	90	3
AVERAGE		9.18	91.78	3	8.86	88.6	3	8.46	84.58	3	8.29	82.9	3	8.07	80.75	3	7.72	77.2	2.89	123.78	88.41	3
COURSE OUTCOMES		CO1			CO2			CO3			CO4			CO5			CO6		EXTERNAL (CO1-CO6)			
CO WISE SUM		3			3.00			3			3			3			2.89		3			

S. Sri Gowri
 Dr. S. SRI GOWRI, M.Tech., Ph.D.
 Professor & Head of E.C.E. Dept.
 S.R.K. Institute of Technology

(Signature)

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
 ENKEPADI, VIJAYAWADA-531 126

CO ATTAINMENT	INTERNAL	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL of ATTAIN	ATTAINMENT PERCENTAGE
CO1	2.98	2.98	2.98	96.19	2.89	2.96	65	98.67
CO2	2.96	2.98	2.97	97.71	2.93	2.96	65	98.67
CO3	2.98	2.98	2.98	95.81	2.87	2.96	65	98.67
CO4	2.99	2.98	2.98	95.05	2.85	2.95	65	98.33
CO5	2.96	2.98	2.97	91.19	2.74	2.92	65	97.33
CO6	2.97	2.98	2.98	92.84	2.79	2.94	65	98.00

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70
*Upper boundary exclusive		

CO-PO Matrix for the Subject PROJECT

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	ATTAINMENT LEVELS
CO1	3	2	2	3	2	1		3	3	1	2	2	2	3	2	2.96
CO2		3	2	2	2	1		3	3	1	1	2	2	3	2	2.96
CO3									2	2						2.96
CO4	2	2	3	3	2	1		3	3	1	2	2	2	3	2	2.95
CO5					3									3		2.92
CO6					3									3		2.94

PO ATTAINMENTS

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
14.78	20.7	20.69	23.65	35.32	8.87		26.61	32.53	14.79	14.78	17.74	17.74	44.19	17.74
2.96	2.96	2.96	2.96	2.94	2.96		2.96	2.96	2.96	2.96	2.96	2.96	2.95	2.96

Similarly for all the subjects in a semester

Subject	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CS & C	2.37	2.35	2.36	2.35	2.38	2.35	2.36	2.36	2.37	2.37	2.35	2.34	2.34	2.36	2.37
WC	2.48	2.44	2.5										2.49		2.48
Project - Part II	2.96	2.96	2.96	2.96	2.94	2.96		2.96	2.96	2.96	2.96	2.96	2.96	2.95	2.96
Average	2.6	2.58	2.61	2.66	2.66	2.66	2.36	2.66	2.67	2.67	2.66	2.65	2.6	2.66	2.6

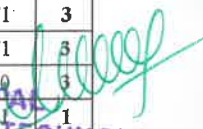


SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108
 Approved by AICTE, Affiliated to JNTUK, Kakinada
 Accredited with NAAC 'A' grade
 ISO 9001:2015 Certified Institution

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

S.NO.	ROLL NO.	A.Y:2022-23												SUBJECT: WC												FACULTY NAME: P.Ratna Bhaskar												EXTERNAL MARKS		
		Q1			Q2			MID-I Q3			ONLINE			ASSIGNMENT			Q1			Q2			Q3			ONLINE			ASSIGNMENT											
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L						
1	19X41A0401	7	70	3	5	50	1	2	20	0	15	75	3	5	100	3	8	80	3	6	60	2	3	30	0	20	100	3	5	100	3	53	71	3						
2	19X41A0402	10	100	3	9	90	3	8	80	3	15	75	3	5	100	3	10	100	3	8	80	3	9	90	3	19	95	3	5	100	3	53	71	3						
3	19X41A0403	9	90	3	10	100	3	8	80	3	18	90	3	5	100	3	10	100	3	9	90	3	9	90	3	19	95	3	5	100	3	45	60	2						
4	19X41A0404	7	70	3	5	50	1	4	40	1	17	85	3	5	100	3	10	100	3	5	50	1	10	100	3	19	95	3	5	100	3	53	71	3						
5	19X41A0405		0	0	4	40	1	5	50	1	12	60	2	5	100	3		0	0		0	0		0	0		0	0	5	100	3	23	31	0						
6	19X41A0406	5	50	1		0	0		0	0	13	65	2	5	100	3	3	30	0		0	0	2	20	0	20	100	3	5	100	3	23	31	0						
7	19X41A0407	9	90	3	8	80	3	8	80	3	19	95	3	5	100	3	10	100	3	6	60	2	8	80	3	20	100	3	5	100	3	53	71	3						
8	19X41A0408	7	70	3	8	80	3	7	70	3	11	55	2	5	100	3	10	100	3	10	100	3	8	80	3	20	100	3	5	100	3	60	80	3						
9	19X41A0409	7	70	3	7	70	3	5	50	1	18	90	3	5	100	3	9	90	3	2	20	0	6	60	2	20	100	3	5	100	3	53	71	3						
10	19X41A0410	7	70	3	6	60	2	5	50	1	14	70	3	5	100	3	7	70	3		0	0	5	50	1	20	100	3	5	100	3	45	60	2						
11	19X41A0411	7	70	3	6	60	2	4	40	1	17	85	3	5	100	3	8	80	3	6	60	2	3	30	0	20	100	3	5	100	3	53	71	3						
12	19X41A0412	3	30	0	2	20	0	4	40	1	19	95	3	5	100	3	9	90	3		0	0	10	100	3	20	100	3	5	100	3	60	80	3						
13	19X41A0413	7	70	3	7	70	3	9	90	3	9	45	1	5	100	3	9	90	3	8	80	3	8	80	3	16	80	3	5	100	3	53	71	3						
14	19X41A0414	6	60	2	5	50	1	7	70	3	18	90	3	5	100	3	10	100	3	6	60	2	8	80	3	20	100	3	5	100	3	53	71	3						
15	19X41A0415	5	50	1		0	0	2	20	0	13	65	2	5	100	3	9	90	3	4	40	1	7	70	3	20	100	3	5	100	3	38	51	1						
16	19X41A0416	7	70	3	2	20	0	2	20	0	16	80	3	5	100	3	9	90	3	5	50	1	4	40	1		0	0	5	100	3	60	80	3						
17	19X41A0417	8	80	3	6	60	2	7	70	3	17	85	3	5	100	3	9	90	3	2	20	0	10	100	3	19	95	3	5	100	3	53	71	3						
18	19X41A0418	6	60	2	5	50	1	5	50	1	18	90	3	5	100	3	9	90	3	3	30	0	3	30	0	20	100	3	5	100	3	23	31	0						
19	19X41A0419	8	80	3	5	50	1	1	10	0	8	40	1	5	100	3	9	90	3	4	40	1	5	50	1	18	90	3	5	100	3	53	71	3						
20	19X41A0420	8	80	3	9	90	3	6	60	2	16	80	3	5	100	3	9	90	3	9	90	3	7	70	3	18	90	3	5	100	3	60	80	3						
21	19X41A0421	9	90	3	8	80	3	3	30	0	16	80	3	5	100	3	9	90	3	10	100	3	7	70	3	20	100	3	5	100	3	60	80	3						
22	19X41A0422	7	70	3	7	70	3	3	30	0	10	50	1	5	100	3	10	100	3		0	0	9	90	3	20	100	3	5	100	3	45	60	2						
23	19X41A0423	7	70	3	5	50	1	5	50	1	17	85	3	5	100	3	7	70	3		0	0	2	20	0	18	90	3	5	100	3	45	60	2						
24	19X41A0424	6	60	2	5	50	1	5	50	1	19	95	3	5	100	3	10	100	3	10	100	3	8	80	3	19	95	3	5	100	3	60	80	3						
25	19X41A0425	8	80	3	9	90	3	9	90	3	12	60	2	5	100	3	8	80	3	7	70	3	8	80	3	18	90	3	5	100	3	60	80	3						
26	19X41A0426	10	100	3	9	90	3	7	70	3	18	90	3	5	100	3	10	100	3	7	70	3	5	50	1	20	100	3	5	100	3	53	71	3						
27	19X41A0428	6	60	2	4	40	1		0	0	14	70	3		0		8	80	3		0	0	4	40	1	19	95	3		0		45	60	2						
28	19X41A0429	8	80	3	4	40	1	4	40	1	15	75	3	5	100	3	8	80	3	7	70	3	7	70	3	20	100	3	5	100	3	60	80	3						
29	19X41A0431	9	90	3	7	70	3	5	50	1	14	70	3	5	100	3	10	100	3	9	90	3	10	100	3	20	100	3	5	100	3	53	71	3						
30	19X41A0432	7	70	3	7	70	3	5	50	1	20	100	3	5	100	3	8	80	3	6	60	2	10	100	3	19	95	3	5	100	3	53	71	3						
31	19X41A0433	8	80	3	6	60	2	7	70	3	17	85	3	5	100	3	6	60	2	5	50	1	8	80	3	20	100	3	5	100	3	53	71	3						
32	19X41A0434	2	20	0	4	40	1	1	10	0	17	85	3	5	100	3	4	40	1	6	60	2	9	90	3	20	100	3	5	100	3	53	71	3						
33	19X41A0435	7	70	3	5	50	1		0	0	12	60	2	5	100	3	7	70	3	5	50	1	7	70	3	20	100	3				53	71	3						
34	19X41A0438	8	80	3	7	70	3	8	80	3	19	95	3	5	100	3	10	100	3	10	100	3	8	80	3	20	100	3				53	71	3						


 P. Ratna Bhaskar
 SRK INSTITUTE OF TECHNOLOGY
 ENIKEPADU, VIJAYAWADA-521108

35	19X41A0439	7	70	3	7	70	3	5	50	1	14	70	3	5	100	3	8	80	3	0	0	10	100	3	20	100	3	5	100	3	60	80	3	
36	19X41A0440	9	90	3	8	80	3	7	70	3	19		3	5	100	3	10	100	3	8	80	3	100	3	20	100	3	5	100	3	60	80	3	
37	19X41A0441	6	60	2	2	20	0	5	50	1	15	75	3	5	100	3	8	80	3	8	80	3	8	80	3	20	100	3	5	100	3	23	31	0
38	19X41A0442	5	50	1	6	60	2	2	20	0	11	55	2	5	100	3	9	90	3	6	60	2	8	80	3	20	100	3	5	100	3	53	71	3
39	19X41A0443	9	90	3	9	90	3	7	70	3	14	70	3	5	100	3	10	100	3	6	60	2	9	90	3	20	100	3	5	100	3	75	100	3
40	19X41A0445	8	80	3	7	70	3	7	70	3	19	95	3	5	100	3	10	100	3	6	60	2	8	80	3	20	100	3	5	100	3	53	71	3
41	19X41A0446	7	70	3	7	70	3	7	70	3	16	80	3	5	100	3	10	100	9	10	100	3	8	80	3	19	95	3	5	100	3	60	80	3
42	19X41A0447	7	70	3	6	60	2	7	70	3	11	55	2	5	100	3	10	100	3	5	50	1	10	100	3	12	60	2	5	100	3	53	71	3
43	19X41A0448	7	70	3	2	20	0	7	70	3	16	80	3	5	100	3	8	80	3	4	40	1	2	20	0	19	95	3	5	100	3	53	71	3
44	19X41A0449	8	80	3	8	80	3	8	80	3	19	95	3	5	100	3	8	80	3	8	80	3	9	90	3	20	100	3	5	100	3	60	80	3
45	19X41A0450	6	60	2	7	70	3	7	70	3	20	100	3	5	100	3	10	100	3	8	80	3	8	80	3	20	100	3	5	100	3	53	71	3
46	19X41A0451	7	70	3	5	50	1	7	70	3	16	80	3	5	100	3	7	70	3	7	70	3	6	60	2	0	0	5	100	3	45	60	2	
47	19X41A0452	1	10	0		0	0	4	40	1	13	65	2	5	100	3	8	80	3	3	30	0	3	30	0	20	100	3	5	100	3	45	60	2
48	19X41A0453	9	90	3	10	100	3	8	80	3	18	90	3	5	100	3	10	100	3	8	80	3	9	90	3	20	100	3	5	100	3	53	71	3
49	20X45A0401	7	70	3	6	60	2	6	60	2	13	65	2	5	100	3	8	80	3	8	80	3	10	100	3	20	100	3	5	100	3	45	60	2
50	20X45A0402	4	40	1	1	10	0	5	50	1	12	60	2	5	100	3		0	0	8	80	3	8	80	3	5	25	0	5	100	3	45	60	2
51	20X45A0403	8	80	3	2	20	0	2	20	0	11	55	2	5	100	3	7	70	3	7	70	3	3	30	0	19	95	3	5	100	3	38	51	1
52	20X45A0404	8	80	3	2	20	0	2	20	0	14	70	3	5	100	3	10	100	3	10	100	3	10	100	3	18	90	3	5	100	3	45	60	2
53	20X45A0405	5	50	1	4	40	1		0	0	6	30	0	5	100	3	10	100	3	7	70	3		0	0	17	85	3	5	100	3	60	80	3
54	20X45A0406	8	80	3	8	80	3	6	60	2	9	45	1	5	100	3	8	80	3	6	60	2	10	100	3	18	90	3	5	100	3	60	80	3
55	20X45A0407	8	80	3	7	70	3	6	60	2	17	85	3	5	100	3	9	90	3	10	100	3	8	80	3	19	95	3	5	100	3	45	60	2
56	20X45A0408	8	80	3	8	80	3	8	80	3	16	80	3	5	100	3	10	100	3	3	30	0	10	100	3	20	100	3	5	100	3	53	71	3
57	19X41A0454	3	30	0		0	0		0	0	16	80	3	5	100	3	6	60	2		0	0	6	60	2	19	95	3	5	100	3	53	71	3
58	19X41A0455	9	90	3		0	0		0	0	6	30	0	5	100	3		0	0	10	100	3	5	50	1	14	70	3	5	100	3	23	31	0
59	19X41A0456	7	70	3	2	20	0	5	50	1	15	75	3	5	100	3	8	80	3	8	80	3	5	50	1	14	70	3	5	100	3	53	71	3
60	19X41A0457	9	90	3	6	60	2	6	60	2	17	85	3	5	100	3	10	100	3	8	80	3	8	80	3	18	90	3	5	100	3	60	80	3
61	19X41A0458	4	40	1	6	60	2	6	60	2	10	50	1	5	100	3	9	90	3	5	50	1	10	100	3	18	90	3	5	100	3	45	60	2
62	19X41A0460	7	70	3	6	60	2	7	70	3	18	90	3	5	100	3	10	100	3	7	70	3	79	790		20	100	3	5	100	3	45	60	2
63	19X41A0461	8	80	3	6	60	2	6	60	2	15	75	3	5	100	3	10	100	3	8	80	3	10	100	3	19	95	3	5	100	3	53	71	3
64	19X41A0463		0	0		0	0		0	0		0	0	5	100	3	9	90	3	8	80	3	3	30	0	20	100	3	5	100	3	53	71	3
65	19X41A0467		0	0	1	10	0	1	10	0	11	55	2	5	100	3	6	60	2	4	40	1	3	30	0	18	90	3	5	100	3	23	31	0
66	19X41A0468	8	80	3	5	50	1	4	40	1	19	95	3	5	100	3	6	60	2		0	0	2	20	0	19	95	3	5	100	3	45	60	2
67	19X41A0469	5	50	1	5	50	1	8	80	3	20	100	3	5	100	3	8	80	3	8	80	3	10	100	3	20	100	3	5	100	3	45	60	2
68	19X41A0470	8	80	3	5	50	1	7	70	3	18	90	3	5	100	3	5	50	1	8	80	3	9	90	3	6	30	0	5	100	3	60	80	3
69	19X41A0471	6	60	2	3	30	0	6	60	2	16	80	3	5	100	3	6	60	2	6	60	2	8	80	3	12	60	2	5	100	3	45	60	2
70	19X41A0472	7	70	3	6	60	2	5	50	1	18	90	3	5	100	3	6	60	2	6	60	2	4	40	1	19	95	3	5	100	3	45	60	2
71	19X41A0473	5	50	1	5	50	1	5	50	1	4	20	0	5	100	3		0	0	4	40	1	4	40	1	5	25	0	5	100	3	68	91	3
72	19X41A0474	8	80	3	5	50	1	4	40	1	5	25	0	5	100	3	6	60	2	8	80	3	10	100	3	19	95	3	5	100	3	53	71	3
73	19X41A0475	4	40	1	2	20	0	1	10	0	18	90	3	5	100	3	8	80	3	7	70	3	8	80	3	19	95	3	5	100	3	23	31	0
74	19X41A0476	9	90	3	8	80	3	9	90	3	13	65	2	5	100	3	10	100	3	10	100	3	6	60	2	20	100	3	5	100	3	45	60	2
75	19X41A0477	7	70	3	5	50	1	7	70	3	14	70	3	5	100	3	6	60	2	7	70	3	4	40	1	17	85	3	5	100	3	68	91	3
76	19X41A0478	9	90	3	8	80	3	7	70	3	16	80	3	5	100	3	7	70	3	8	80	3	7	70	3	20	100	3	5	100	3	60	80	3
77	19X41A0479	7	70	3	5	50	1	4	40	1	13	65	2	5	100	3	7	70	3	8	80	3	5	50	1	15	75	3	5	100	3	PRINCIPAL	3	3

78	19X41A0480	7	70	3	5	50	1	8	80	3	13	65	2	5	100	3	6	60	2	8	80	3	10	100	3	20	100	3	5	100	3	53	71	3
79	19X41A0482	9	90	3	5	50	1	6	60	2	15		3	5	100	3	8	80	3	6	60	2		80	3	19	95	3	5	100	3	23	31	0
80	19X41A0483	8	80	3	3	30	0	3	30	0	12	60	2	5	100	3	8	80	3	9	90	3	8	80	3	18	90	3	5	100	3	53	71	3
81	19X41A0484	8	80	3	8	80	3	7	70	3	13	65	2	5	100	3	9	90	3	8	80	3	4	40	1	20	100	3	5	100	3	38	51	1
82	19X41A0485	1	10	0	2	20	0	1	10	0	15	75	3	5	100	3	8	80	3	8	80	3	4	40	1	20	100	3	5	100	3	53	71	3
83	19X41A0486	9	90	3	8	80	3	8	80	3	17	85	3	5	100	3	7	70	3	9	90	3	8	80	3	19	95	3	5	100	3	45	60	2
84	19X41A0488	7	70	3	2	20	0	5	50	1	10	50	1	5	100	3	8	80	3	7	70	3		0	0	14	70	3	5	100	3	60	80	3
85	19X41A0489	7	70	3		0	0	6	60	2	10	50	1	5	100	3	7	70	3	8	80	3	7	70	3	19	95	3	5	100	3	45	60	2
86	19X41A0490	7	70	3	5	50	1	4	40	1	11	55	2	5	100	3	7	70	3	6	60	2	5	50	1	20	100	3	5	100	3	45	60	2
87	19X41A0491	8	80	3	6	60	2	5	50	1	11	55	2	5	100	3	8	80	3	8	80	3	4	40	1	20	100	3	5	100	3	68	91	3
88	19X41A0492	6	60	2	5	50	1	6	60	2	5	25	0	5	100	3	6	60	2	7	70	3	8	80	3	18	90	3	5	100	3	53	71	3
89	19X41A0493	6	60	2	6	60	2	4	40	1	12	60	2	5	100	3	8	80	3	6	60	2	5	50	1	20	100	3	5	100	3	45	60	2
90	19X41A0495	9	90	3	8	80	3	7	70	3	15	75	3	5	100	3	8	80	3	10	100	3	9	90	3	20	100	3	5	100	3	23	31	0
91	19X41A0497	9	90	3	2	20	0	2	20	0	18	90	3	5	100	3	8	80	3	4	40	1	10	100	3	18	90	3	5	100	3	75	100	3
92	19X41A0499	4	40	1	3	30	0		0	0	14	70	3	5	100	3	6	60	2	5	50	1	7	70	3	19	95	3	5	100	3	53	71	3
93	19X41A04A0	8	80	3	7	70	3	7	70	3	13	65	2	5	100	3	3	30	0	7	70	3	9	90	3	20	100	3	5	100	3	45	60	2
94	19X41A04A1	8	80	3	8	80	3	8	80	3	17	85	3	5	100	3	8	80	3	9	90	3	9	90	3	20	100	3	5	100	3	23	31	0
95	19X41A04A2	7	70	3	8	80	3	1	10	0	18	90	3	5	100	3	10	100	3	2	20	0	5	50	1	20	100	3	5	100	3	60	80	3
96	19X41A04A3	10	100	3	9	90	3	3	30	0	7	35	0	5	100	3		0	0	9	90	3	7	70	3	18	90	3	5	100	3	53	71	3
97	19X41A04A4	9	90	3	8	80	3	8	80	3	16	80	3	5	100	3	9	90	3	8	80	3	10	100	3	18	90	3	5	100	3	38	51	1
98	20X45A0409	10	100	3	9	90	3	9	90	3	13	65	2	5	100	3	10	100	3	10	100	3	10	100	3	17	85	3	5	100	3	75	100	3
99	20X45A0410	7	70	3	7	70	3	7	70	3	15	75	3	5	100	3	9	90	3	8	80	3	9	90	3	13	65	2	5	100	3	53	71	3
100	20X45A0411	10	100	3	7	70	3	8	80	3	17	85	3	5	100	3	4	40	1	6	60	2	9	90	3	9	45	1	5	100	3	45	60	2
101	20X45A0412	8	80	3	6	60	2	7	70	3	16	80	3	5	100	3	7	70	3	6	60	2	8	80	3	20	100	3	5	100	3	53	71	3
102	20X45A0414	7	70	3	8	80	3	6	60	2	15	75	3	5	100	3	10	100	3	4	40	1	9	90	3	13	65	2	5	100	3	68	91	3
103	20X45A0415	8	80	3	8	80	3	1	10	0	20	100	3	5	100	3	8	80	3		0	0	8	80	3	14	70	3	5	100	3	45	60	2
104	20X45A0416	10	100	3	9	90	3	9	90	3	18	90	3	5	100	3	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	60	80	3
105	20X45A0417	8	80	3	2	20	0	2	20	0	14	70	3	5	100	3	4	40	1	6	60	2	8	80	3	20	100	3	5	100	3	53	71	3
106	20X45A0418	10	100	3		0	0	9	90	3	18	90	3	5	100	3		0	0	9	90	3	9	90	3	19	95	3	5	100	3	75	100	3
107	20X45A0419	7	70	3		0	0	7	70	3	7	35	0	5	100	3		0	0	8	80	3	8	80	3	17	85	3	5	100	3	45	60	2
AVERAGE		7.2	70	2.5	5.83	53.36	1.66	5.52	51.03	1.64	14.52	71.92	2.43	5	99.07	3	8.17	76.36	2.63	6.98	62.62	2.09	7.93	77.1	2.25	18.16	88.27	2.76	5	99.07	3	50.31	67	2.38
COURSE OUTCOMES		CO1			CO2			CO3			ONLINE (CO1-CO3)			ASSIGNMENT (CO1-CO3)			CO3			CO4			CO5			ONLINE (CO3-CO5)			ASSIGNMENT (CO3-CO5)			EXTERNAL (CO1-CO5)		
CO WISE SUM		2.5			1.66			1.64			2.43			3			2.63			2.09			2.25			2.76			3			2.38		

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	2.5	2.43	3	2.38	2.43	92.63	2.78	2.5	65	83.33
CO2	1.66	2.43	3	2.38	2.34	92.11	2.76	2.42	65	80.67
CO3	2.135	2.6	3	2.38	2.41	91.23	2.74	2.48	65	82.67
CO4	2.09	2.76	3	2.38	2.42	91.23	2.74	2.48	65	82.67
CO5	2.25	2.76	3	2.38	2.44	92.28	2.77	2.51	65	83.67

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject CSC

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1	3												1			2.5
CO2	2	3													1	2.42
CO3	1												1			2.48
CO4	1	2	1												2	2.48
CO5	1		2												2	2.51

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
19.81	12.22	7.5										4.98		12.4
2.48	2.44	2.5										2.49		2.48

CO-PO Matrix for all Subjects IV-II

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
WC	2.48	2.44	2.5										2.49		2.48
CSC	2.37	2.35	2.36	2.35	2.38	2.35	2.36	2.36	2.37	2.37	2.35	2.34	2.34	2.36	2.37
Project - Part II	2.96	2.96	2.96	2.96	2.94	2.96		2.96	2.96	2.96	2.96	2.96	2.96	2.95	2.96
Average	2.6	2.58	2.61	2.66	2.66	2.66	2.36	2.66	2.67	2.67	2.66	2.65	2.6	2.66	2.6

2019-23 Admitted Batch Semester Wise Average Attainments

SEMESTER	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
I-I	2.18	2.3	2.2	2.23	2.34	2.39	2.39	2.89	2.89	2.82		2.14	2.01	2.06	2.01
I-II	2.07	2.1	2.03	1.94	2.5	2.86	2.81	2.94	2.5	2.51	2.96	2.02	1.99	2.07	2.96
II-I	1.98	1.94	1.87	1.94	1.8	2.18	1.67	2.3	2.2	1.78	1.5	2	2.14	1.73	1.88
II-II	1.91	1.91	1.78	1.89	2.17	2.71		2.7	2.71	2.02		2.02	1.9	1.83	1.85
III-I	2.12	2.11	2.11	2.08	2.4	2.72	1.3	2.74	2.73	1.98	2.78	2.49	2.03	1.96	2.07
III-II	2.03	2.11	2.03		2.68			2.67		1.97			2.04	2.06	2.32
IV-I	2.26	2.31	2.26	2.27	2.36	2.63		2.35	2.34	2.95	2.71	2.51	2.04	2.66	2.36
IV-II	2.6	2.58	2.61	2.66	2.66	2.66	2.36	2.66	2.67	2.67	2.66	2.65	2.6	2.66	2.6
PO DIRECT ATTAINMENT	2.13	2.15	2.1	2.1	2.36	2.61	2.27	2.64	2.56	2.31	2.61	2.31	2.1	2.13	2.2
PO INDIRECT ATTAINMENT	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PO FINAL ATTAINMENT	2.3	2.32	2.28	2.28	2.49	2.69	2.42	2.71	2.65	2.45	2.69	2.45	2.28	2.3	2.36

Signature

PRINCIPAL
S. SRI GOWRI
SRK INSTITUTE OF TECHNOLOGY
ENIKERAPU, VIJAYAWADA-521 108.

Dr. S. SRI GOWRI, M.Tech., Ph.D.,
Professor & Head of E.C.E. Dept.
S.R.K. Institute of Technology



SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA -521108
 Approved by AICTE, Affiliated to JNTUK, Kakina
 Accredited with NAAC 'A' grade
 ISO 9001:2015 Certified Institution

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CALCULATION OF LEVEL OF ATTAINMENT FOR COs,POs and PSOs

YEAR-SEM: IV-II		A.Y:2022-23															FACULTY NAME: B. Ravi															EXTERNAL MARKS		
S.NO.	ROLL NO.	SUBJECT: CSC															MID EXAM - II																	
		Q1					Q2					MID-I					Q1					Q2					Q3							
		Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L	Marks	%	L			
1	19X41A0401	8	80	3	8	80	3	6	60	2	11	55	2	5	100	3	8	80	3	8	80	3	7	70	3	12	60	2	5	100	3	56	74.67	3
2	19X41A0402	10	100	3	9	90	3	9	90	3	7	35	0	5	100	3		0	0		0	0		0	0		0	0	5	100	3	49	65.33	2
3	19X41A0403	10	100	3	10	100	3	10	100	3	16	80	3	5	100	3	9	90	3	10	100	3	10	100	3	15	75	3	5	100	3	56	74.67	3
4	19X41A0404	8	80	3	8	80	3	9	90	3	18	90	3	5	100	3	7	70	3	9	90	3	7	70	3	16	80	3	5	100	3	49	65.33	2
5	19X41A0405	8	80	3		0	0	7	70	3	10	50	1	5	100	3	6	60	2	8	80	3	6	60	2	13	65	2	5	100	3	56	74.67	3
6	19X41A0406	6	60	2	6	60	2	3	30	0	7	35	0	5	100	3	7	70	3		0	0	4	40	1	9	45	1	5	100	3	21	28.00	0
7	19X41A0407	10	100	3	10	100	3	8	80	3	13	65	2	5	100	3	9	90	3	10	100	3	8	80	3	15	75	3	5	100	3	49	65.33	2
8	19X41A0408	10	100	3	9	90	3	8	80	3	11	55	2	5	100	3	8	80	3	10	100	3	9	90	3	9	45	1	5	100	3	49	65.33	2
9	19X41A0409	10	100	3	9	90	3	9	90	3	13	65	2	5	100	3	5	50	1	9	90	3	7	70	3	14	70	3	5	100	3	56	74.67	3
10	19X41A0410	7	70	3	6	60	2	4	40	1	8	40	1	5	100	3	8	80	3	7	70	3	4	40	1	17	85	3	5	100	3	56	74.67	3
11	19X41A0411	9	90	3	8	80	3	7	70	3	14	70	3	5	100	3	9	90	3	9	90	3	9	90	3	9	45	1	5	100	3	49	65.33	2
12	19X41A0412	7	70	3	6	60	2	7	70	3	7	35	0	5	100	3	7	70	3	9	90	3	8	80	3	10	50	1	5	100	3	49	65.33	2
13	19X41A0413	10	100	3	9	90	3	9	90	3	13	65	2	5	100	3	10	100	3	10	100	3	8	80	3	13	65	2	5	100	3	56	74.67	3
14	19X41A0414	9	90	3	9	90	3	7	70	3	14	70	3	5	100	3	8	80	3	10	100	3	9	90	3	13	65	2	5	100	3	56	74.67	3
15	19X41A0415	7	70	3	7	70	3	6	60	2	13	65	2	5	100	3	4	40	1	8	80	3	6	60	2	11	55	2	5	100	3	49	65.33	2
16	19X41A0416	9	90	3	7	70	3	8	80	3	14	70	3	5	100	3	8	80	3	8	80	3	8	80	3	16	80	3	5	100	3	49	65.33	2
17	19X41A0417	8	80	3	9	90	3	8	80	3	10	50	1	5	100	3	9	90	3	10	100	3	9	90	3	14	70	3	5	100	3	56	74.67	3
18	19X41A0418	8	80	3	8	80	3	8	80	3	11	55	2	5	100	3	8	80	3	8	80	3	8	80	3	17	85	3	5	100	3	49	65.33	2
19	19X41A0419	9	90	3	9	90	3	8	80	3	9	45	1	5	100	3	5	50	1	7	70	3	7	70	3	12	60	2	5	100	3	49	65.33	2
20	19X41A0420	8	80	3	8	80	3	9	90	3	7	35	0	5	100	3	8	80	3	10	100	3	7	70	3	13	65	2	5	100	3	49	65.33	2
21	19X41A0421	10	100	3	10	100	3	9	90	3	10	50	1	5	100	3	10	100	3	10	100	3	10	100	3	13	65	2	5	100	3	63	84.00	3
22	19X41A0422	9	90	3	9	90	3	9	90	3	11	55	2	5	100	3	7	70	3	6	60	2	6	60	2	14	70	3	5	100	3	49	65.33	2
23	19X41A0423	9	90	3	7	70	3		0	0	12	60	2	5	100	3	7	70	3	7	70	3	7	70	3	8	40	1	5	100	3	49	65.33	2
24	19X41A0424	9	90	3	10	100	3	10	100	3	13	65	2	5	100	3	9	90	3	10	100	3	7	70	3	14	70	3	5	100	3	49	65.33	2
25	19X41A0425	10	100	3	9	90	3	9	90	3	13	65	2	5	100	3	8	80	3	8	80	3	8	80	3	16	80	3	5	100	3	63	84.00	3
26	19X41A0426	10	100	3	9	90	3	9	90	3	16	80	3	5	100	3	9	90	3	10	100	3	10	100	3	14	70	3	5	100	3	63	84.00	3
27	19X41A0428	8	80	3	8	80	3	6	60	2	13	65	2	5	100	3	9	90	3	9	90	3	9	90	3	13	65	2	5	100	3	56	74.67	3
28	19X41A0429	9	90	3	8	80	3	8	80	3	11	55	2	5	100	3	9	90	3	9	90	3	9	90	3	10	50	1	5	100	3	49	65.33	2
29	19X41A0431	8	80	3	9	90	3	8	80	3	15	75	3	5	100	3	8	80	3	8	80	3	8	80	3	12	60	2	5	100	3	63	84.00	3
30	19X41A0432	8	80	3	8	80	3	9	90	3	18	90	3	5	100	3	9	90	3	10	100	3	8	80	3	16	80	3	5	100	3	56	74.67	3
31	19X41A0433	8	80	3	8	80	3	9	90	3	12	60	2	5	100	3	8	80	3	10	100	3	7	70	3	17	85	3	5	100	3	56	74.67	3
32	19X41A0434	8	80	3	8	80	3	8	80	3	14	70	3	5	100	3	7	70	3	8	80	3	7	70	3	14	70	3	5	100	3	42	56.00	2
33	19X41A0435	7	70	3	6	60	2	7	70	3	9	45	1	5	100	3	7	70	3	7	70	3	6	60	2	17	85	3	5	100	3	49	65.33	2
34	19X41A0438	9	90	3	9	90	3	9	90	3	15	75	3	5	100	3	8	80	3	7	70	3	7	70	3	18	90	3	5	100	3	56	74.67	3

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521108
PRINCIPAL

35	19X41A0439	7	70	3	7	70	3	6	60	2	15	75	3	5	100	3	8	80	3	7	70	3	7	70	3	13	65	2	5	100	3	49	65.33	2
36	19X41A0440	10	100	3	10	100	3	10	100	3	10		1	5	100	3	10	100	3	10	100	3		90	3	15	75	3	5	100	3	49	65.33	2
37	19X41A0441	7	70	3	7	70	3	7	70	3	11	55	2	5	100	3	8	80	3	8	80	3	7	70	3	9	45	1	5	100	3	42	56.00	2
38	19X41A0442	9	90	3	10	100	3	9	90	3	7	35	0	5	100	3	8	80	3	8	80	3	8	80	3	11	55	2	5	100	3	49	65.33	2
39	19X41A0443	8	80	3	8	80	3	8	80	3	14	70	3	5	100	3	9	90	3	9	90	3	9	90	3	10	50	1	5	100	3	49	65.33	2
40	19X41A0445	7	70	3	6	60	2	6	60	2	15	75	3	5	100	3	7	70	3	7	70	3	7	70	3	15	75	3	5	100	3	42	56.00	2
41	19X41A0446	7	70	3	8	80	3	8	80	3	12	60	2	5	100	3	7	70	9	7	70	3	7	70	3	17	85	3	5	100	3	63	84.00	3
42	19X41A0447	10	100	3	10	100	3	10	100	3	13	65	2	5	100	3	10	100	3	9	90	3	10	100	3	7	35	0	5	100	3	56	74.67	3
43	19X41A0448	6	60	2	5	50	1	7	70	3	13	65	2	5	100	3	6	60	2	8	80	3	6	60	2	16	80	3	5	100	3	49	65.33	2
44	19X41A0449	8	80	3	8	80	3	8	80	3	15	75	3	5	100	3	9	90	3	7	70	3	8	80	3	11	55	2	5	100	3	49	65.33	2
45	19X41A0450	9	90	3	9	90	3	8	80	3	11	55	2	5	100	3	9	90	3	9	90	3	9	90	3	16	80	3	5	100	3	63	84.00	3
46	19X41A0451	7	70	3	5	50	1	6	60	2	11	55	2	5	100	3	5	50	1	6	60	2	5	50	1	17	85	3	5	100	3	49	65.33	2
47	19X41A0452	7	70	3	8	80	3	6	60	2	14	70	3	5	100	3	7	70	3	7	70	3	2	20	0	17	85	3	5	100	3	49	65.33	2
48	19X41A0453	9	90	3	10	100	3	9	90	3	17	85	3	5	100	3	9	90	3	10	100	3	9	90	3	7	35	0	5	100	3	56	74.67	3
49	20X45A0401	10	100	3	10	100	3	10	100	3	8	40	1	5	100	3	10	100	3	10	100	3	10	100	3	11	55	2	5	100	3	56	74.67	3
50	20X45A0402	7	70	3	7	70	3	7	70	3	13	65	2	5	100	3	9	90	3	10	100	3	10	100	3	17	85	3	5	100	3	49	65.33	2
51	20X45A0403	7	70	3	6	60	2	7	70	3	8	40	1	5	100	3	6	60	2	6	60	2	4	40	1	7	35	0	5	100	3	42	56.00	2
52	20X45A0404	9	90	3	9	90	3	8	80	3	12	60	2	5	100	3	9	90	3	9	90	3	9	90	3	18	90	3	5	100	3	56	74.67	3
53	20X45A0405	9	90	3	8	80	3	9	90	3	7	35	0	5	100	3	8	80	3	9	90	3	9	90	3	12	60	2	5	100	3	49	65.33	2
54	20X45A0406	7	70	3	7	70	3	7	70	3	15	75	3	5	100	3	7	70	3	9	90	3	9	90	3	19	95	3	5	100	3	56	74.67	3
55	20X45A0407	9	90	3	9	90	3	9	90	3	12	60	2	5	100	3	8	80	3	8	80	3	8	80	3	13	65	2	5	100	3	49	65.33	2
56	20X45A0408	9	90	3	9	90	3	9	90	3	12	60	2	5	100	3	7	70	3	8	80	3	7	70	3	13	65	2	5	100	3	49	65.33	2
57	19X41A0454	10	100	3	10	100	3	10	100	3	9	45	1	5	100	3	10	100	3	10	100	3	10	100	3	8	40	1	5	100	3	49	65.33	2
58	19X41A0455	8	80	3	6	60	2	2	20	0	8	40	1	5	100	3		0	0	7	70	3	7	70	3	11	55	2	5	100	3	21	28.00	0
59	19X41A0456	10	100	3	8	80	3	8	80	3	12	60	2	5	100	3	10	100	3	10	100	3	10	100	3	16	80	3	5	100	3	56	74.67	3
60	19X41A0457	10	100	3	8	80	3	6	60	2	15	75	3	5	100	3	10	100	3	9	90	3	9	90	3	13	65	2	5	100	3	49	65.33	2
61	19X41A0458	8	80	3	8	80	3	8	80	3	13	65	2	5	100	3	6	60	2	6	60	2	6	60	2	10	50	1	5	100	3	42	56.00	2
62	19X41A0460	8	80	3	10	100	3	6	60	2	10	50	1	5	100	3	6	60	2	6	60	2	6	60	2	10	50	1	5	100	3	49	65.33	2
63	19X41A0461	8	80	3	8	80	3	6	60	2	12	60	2	5	100	3	7	70	3	7	70	3	7	70	3	16	80	3	5	100	3	49	65.33	2
64	19X41A0463	8	80	3	8	80	3	4	40	1	10	50	1	5	100	3	5	50	1	7	70	3		0	0	15	75	3	5	100	3	21	28.00	0
65	19X41A0467	5	50	1	5	50	1	5	50	1	8	40	1	5	100	3	5	50	1	5	50	1		0	0	14	70	3	5	100	3	21	28.00	0
66	19X41A0468	5	50	1	8	80	3	6	60	2	12	60	2	5	100	3	8	80	3	7	70	3	5	50	1	12	60	2	5	100	3	49	65.33	2
67	19X41A0469	6	60	2	6	60	2	6	60	2	6	30	0	5	100	3	10	100	3	10	100	3	6	60	2	13	65	2	5	100	3	49	65.33	2
68	19X41A0470	10	100	3	10	100	3	8	80	3	10	50	1	5	100	3	10	100	3	10	100	3	4	40	1	17	85	3	5	100	3	49	65.33	2
69	19X41A0471	5	50	1	7	70	3	6	60	2	10	50	1	5	100	3	8	80	3	2	20	0	10	100	3	13	65	2	5	100	3	49	65.33	2
70	19X41A0472	8	80	3	8	80	3	8	80	3	17	85	3	5	100	3	8	80	3	8	80	3	6	60	2	15	75	3	5	100	3	56	74.67	3
71	19X41A0473	8	80	3	8	80	3	6	60	2	15	75	3	5	100	3	8	80	3	6	60	2	6	60	2	13	65	2	5	100	3	56	74.67	3
72	19X41A0474	5	50	1	5	50	1	5	50	1	11	55	2	5	100	3	6	60	2	7	70	3	6	60	2	9	45	1	5	100	3	49	65.33	2
73	19X41A0475		0	0		0	0	3	30	0	13	65	2	5	100	3	5	50	1		0	0		0	0	11	55	2	5	100	3	42	56.00	2
74	19X41A0476	5	50	1		0	0	5	50	1	9	45	1	5	100	3	5	50	1		0	0	1	10	0	12	60	2	5	100	3	49	65.33	2
75	19X41A0477	5	50	1	5	50	1	5	50	1	11	55	2	5	100	3	6	60	2	6	60	2	6	60	2	14	70	3	5	100	3	49	65.33	2
76	19X41A0478	4	40	1	6	60	2	6	60	2	11	55	2	5	100	3		0	0		0	0		0	0		0	0						
77	19X41A0479	4	40	1	6	60	2	5	50	1	7	35	0	5	100	3	8	80	3	7	70	3		0	0		12	60	2					

SRK INSTITUTE OF TECHNOLOGY
 ENKEP, DU, VIJAYAWADA
 511009
 PRINCIPAL
 28.00
 74.67

78	19X41A0480	8	80	3	7	70	3	5	50	1	16	80	3	5	100	3	4	40	1	8	80	3	0	0	14	70	3	5	100	3	49	65.33	2	
79	19X41A0482		0	0	5	50	1	2	20	0	10		1	5	100	3	8	80	3	8	80	3	0	0	10	50	1	5	100	3	21	28.00	0	
80	19X41A0483	3	30	0	6	60	2	5	50	1	8	40	1	5	100	3	8	80	3	6	60	2	8	80	3	12	60	2	5	100	3	21	28.00	0
81	19X41A0484		0	0	8	80	3	3	30	0	12	60	2	5	100	3	3	30	0	5	50	1		0	0	15	75	3	5	100	3	42	56.00	2
82	19X41A0485	8	80	3	6	60	2	8	80	3	19	95	3	5	100	3	8	80	3	10	100	3	6	60	2	15	75	3	5	100	3	56	74.67	3
83	19X41A0486	8	80	3	7	70	3	7	70	3	12	60	2	5	100	3	8	80	3	8	80	3	8	80	3	11	55	2	5	100	3	49	65.33	2
84	19X41A0488	8	80	3	10	100	3	10	100	3	12	60	2	5	100	3	8	80	3	8	80	3	8	80	3	15	75	3	5	100	3	42	56.00	2
85	19X41A0489	6	60	2	6	60	2	4	40	1	11	55	2	5	100	3	4	40	1	7	70	3	4	40	1	9	45	1	5	100	3	56	74.67	3
86	19X41A0490	5	50	1	5	50	1	6	60	2	11	55	2	5	100	3	3	30	0	8	80	3		0	0	17	85	3	5	100	3	49	65.33	2
87	19X41A0491	8	80	3	8	80	3	6	60	2	10	50	1	5	100	3	5	50	1		0	0	5	50	1	11	55	2	5	100	3	42	56.00	2
88	19X41A0492		0	0	5	50	1	5	50	1	12	60	2	5	100	3	6	60	2	4	40	1	9	90	3	11	55	2	5	100	3	21	28.00	0
89	19X41A0493	10	100	3	8	80	3	8	80	3	12	60	2	5	100	3	5	50	1	6	60	2	8	80	3	14	70	3	5	100	3	56	74.67	3
90	19X41A0495	2	20	0	5	50	1	5	50	1	9	45	1	5	100	3	4	40	1	3	30	0	5	50	1	12	60	2	5	100	3	21	28.00	0
91	19X41A0497	9	90	3	9	90	3	8	80	3	18	90	3	5	100	3	6	60	2	8	80	3	7	70	3	16	80	3	5	100	3	56	74.67	3
92	19X41A0499	8	80	3	8	80	3	8	80	3	12	60	2	5	100	3	7	70	3	6	60	2		0	0	9	45	1	5	100	3	42	56.00	2
93	19X41A04A0	7	70	3	5	50	1	5	50	1	11	55	2	5	100	3	5	50	1	5	50	1	5	50	1	12	60	2	5	100	3	49	65.33	2
94	19X41A04A1	5	50	1	5	50	1	5	50	1	10	50	1	5	100	3	5	50	1	5	50	1	2	20	0	9	45	1	5	100	3	21	28.00	0
95	19X41A04A2	8	80	3	6	60	2	6	60	2	10	50	1	5	100	3	7	70	3	8	80	3	5	50	1	17	85	3	5	100	3	56	74.67	3
96	19X41A04A3	9	90	3	8	80	3	9	90	3	10	50	1	5	100	3	8	80	3	9	90	3	7	70	3	11	55	2	5	100	3	49	65.33	2
97	19X41A04A4		0	0	5	50	1	3	30	0	13	65	2	5	100	3		0	0	2	20	0	5	50	1	9	45	1	5	100	3	42	56.00	2
98	20X45A0409	10	100	3	10	100	3	10	100	3	15	75	3	5	100	3	10	100	3	10	100	3	10	100	3	12	60	2	5	100	3	56	74.67	3
99	20X45A0410	8	80	3	10	100	3	8	80	3	6	30	0	5	100	3	6	60	2	10	100	3	7	70	3	14	70	3	5	100	3	49	65.33	2
100	20X45A0411	8	80	3	10	100	3	8	80	3	14	70	3	5	100	3	7	70	3	10	100	3	6	60	2	15	75	3	5	100	3	49	65.33	2
101	20X45A0412	8	80	3	8	80	3	5	50	1	11	55	2	5	100	3	5	50	1	8	80	3	6	60	2	14	70	3	5	100	3	56	74.67	3
102	20X45A0414	8	80	3	10	100	3	8	80	3	16	80	3	5	100	3	7	70	3	8	80	3	2	20	0	19	95	3	5	100	3	56	74.67	3
103	20X45A0415	5	50	1	4	40	1	4	40	1	16	80	3	5	100	3	4	40	1	6	60	2	7	70	3	12	60	2	5	100	3	49	65.33	2
104	20X45A0416	10	100	3	10	100	3	10	100	3	13	65	2	5	100	3	10	100	3	10	100	3	8	80	3	16	80	3	5	100	3	49	65.33	2
105	20X45A0417	6	60	2	6	60	2	6	60	2	15	75	3	5	100	3	8	80	3	9	90	3	8	80	3	16	80	3	5	100	3	56	74.67	3
106	20X45A0418	8	80	3	10	100	3	10	100	3	13	65	2	5	100	3	8	80	3	10	100	3	10	100	3	9	45	1	5	100	3	56	74.67	3
107	20X45A0419	6	60	2	8	80	3	4	40	1	11	55	2	5	100	3	8	80	3	6	60	2	4	40	1	19	95	3	5	100	3	56	74.67	3
AVERAGE		7.84	74.77	2.54	7.76	75.42	2.53	7.07	70	2.31	11.87	59.35	1.87	5	100	3	7.38	71.03	2.48	7.93	74.86	2.54	7.13	63.93	2.2	13.18	64.67	2.2	5	100	3	48.54	65	2.17
COURSE OUTCOMES		CO1		CO2		CO3		ONLINE (CO1-CO3)		ASSIGNMENT (CO1-CO3)		CO3		CO4		CO5		ONLINE (CO3-CO5)		ASSIGNMENT (CO3-CO5)		EXTERNAL (CO1-CO5)												
CO WISE SUM		2.54		2.53		2.31		1.87		3		2.48		2.54		2.2		2.2		3		2.17												

Handwritten signature in green ink.

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKERADU, VIJAYAWADA-521 103

CO ATTAINMENT	DESCRIPTIVE	ONLINE	ASSIGNMENT	EXTERNAL	DIRECT ATTAINMENT	INDIRECT PERCENTAGE %	INDIRECT LEVEL	FINAL ATTAINMENT LEVEL	EXPECTED LEVEL OF ATTAINMENTS %	ATTAINMENT PERCENTAGE
CO1	2.54	1.87	3	2.17	2.22	96.28	2.89	2.35	65	78.33
CO2	2.53	1.87	3	2.17	2.22	93.14	2.79	2.33	65	77.67
CO3	2.395	2.04	3	2.17	2.22	96.29	2.89	2.35	65	78.33
CO4	2.54	2.2	3	2.17	2.25	96.57	2.90	2.38	65	79.33
CO5	2.2	2.2	3	2.17	2.22	94.00	2.82	2.34	65	78.00

SCALE		
Attainment Levels	1	40-55
	2	55-70
	3	>=70

CO-PO correlation Matrix for the Subject CSC

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	CO ATTAINMENT LEVELS
CO1		3					2	2			3	3	3			2.35
CO2		3				2					2	3	2	2		2.33
CO3	2		2	3		3	3	3	2	3	2			3	3	2.35
CO4	2	3	2		3	3	3	3	2	3	2			3	3	2.38
CO5		3	2			3	3	3					3			2.34

PO Attainments

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
9.46	28.2	14.14	7.05	7.14	25.87	25.91	25.91	9.46	14.19	21.17	14.04	18.73	18.85	14.19
2.37	2.35	2.36	2.35	2.38	2.35	2.36	2.36	2.37	2.37	2.35	2.34	2.34	2.36	2.37

CO-PO Matrix for all Subjects IV-II

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
WC	2.48	2.44	2.5										2.49		2.48
CSC	2.37	2.35	2.36	2.35	2.38	2.35	2.36	2.36	2.37	2.37	2.35	2.34	2.34	2.36	2.37
Project - Part II	2.96	2.96	2.96	2.96	2.94	2.96		2.96	2.96	2.96	2.96	2.96	2.96	2.95	2.96
Average	2.6	2.58	2.61	2.66	2.66	2.66	2.36	2.66	2.67	2.67	2.66	2.65	2.6	2.66	2.6

2019-23 Admitted Batch Semester Wise Average Attainments

SEMESTER	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
I-I	2.18	2.3	2.2	2.23	2.34	2.39	2.39	2.89	2.89	2.82		2.14	2.01	2.06	2.01
I-II	2.07	2.1	2.03	1.94	2.5	2.86	2.81	2.94	2.5	2.51	2.96	2.02	1.99	2.07	2.96
II-I	1.98	1.94	1.87	1.94	1.8	2.18	1.67	2.3	2.2	1.78	1.5	2	2.14	1.73	1.88
II-II	1.91	1.91	1.78	1.89	2.17	2.71		2.7	2.71	2.02		2.02	1.9	1.83	1.85
III-I	2.12	2.11	2.11	2.08	2.4	2.72	1.3	2.74	2.73	1.98	2.78	2.49	2.03	1.96	2.07
III-II	2.03	2.11	2.03		2.68			2.67		1.97			2.04	2.06	2.32
IV-I	2.26	2.31	2.26	2.27	2.36	2.63		2.35	2.34	2.95	2.71	2.51	2.04	2.66	2.36
IV-II	2.6	2.58	2.61	2.66	2.66	2.66	2.36	2.66	2.67	2.67	2.66	2.65	2.6	2.66	2.6
PO DIRECT ATTAINMENT	2.13	2.15	2.1	2.1	2.36	2.61	2.27	2.64	2.56	2.31	2.61	2.31	2.1	2.13	2.2
PO INDIRECT ATTAINMENT	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PO FINAL ATTAINMENT	2.3	2.32	2.28	2.28	2.49	2.69	2.42	2.71	2.65	2.45	2.69	2.45	2.28	2.3	2.36

(Handwritten signature)

S. Sri Gouni
PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADI, VIJAYAWADA-521102
Dr. S. SRI GOUNI, M.A., B.A., B.L., D.L.O.
Professor & Head of L.C.E. Dept.
S.R.K. Institute of Technology

SA