

**K.S.R.M College of Engineering: Kadapa
(AUTONOMOUS)**

Department of Electronics & Communication Engineering

Name of the Subject:

ANTENNAS & WAVE PROPAGATION Regulation

R-18

Subject Code:

1804506

Semester:

V

Academic Year:

2021-22

Students on Roll:

200

Internal Target % age

50

External target % age

35

Attainment		Condition for Internal and Assignment									Condition for External										
0		if percentage < 50 then Attainment Level = 0									if percentage < 35 then Attainment Level = 0										
1		if percentage >= 50 and < 60 then Attainment Level = 1									if percentage >= 35 and < 55 then Attainment Level = 1										
2		if percentage >= 60 and < 70 then Attainment Level = 2									if percentage >= 55 and < 75 then Attainment Level = 2										
3		if percentage >= 70 then Attainment Level=3									if percentage >= 75 then Attainment Level=3										
		Mid Term - 1									Mid Term - 2										
CO'S		CO1	CO2	CO4	CO3	CO3	CO2	CO2	CO1,2,3,4	CO4	CO4	CO4	CO5	CO5	CO5	CO5	CO5	CO4,5	CO1,2,3,4,5	CO1,2,3,4,5	
Question		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Objective	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Objective	Assignment	End Examination
S.No	Roll Number	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	70
1	199Y1A0401		5		4		4		3	3	3			3		2	3		2	5	33
2	199Y1A0402				4		4	2		3		3				2	3		2	5	29
3	199Y1A0403	5			4		4		5	2		5		4	4				3	5	35
4	199Y1A0404	5			4		4		4	2		5		3			3		2	5	38
5	199Y1A0405	4			3		4		4	2		4		3	3		3		2	5	26
6	199Y1A0406	4			4		5		5	2		5		4	2		4		2	5	41
7	199Y1A0407	5			4			3	4	2		5		3					3	5	39
8	199Y1A0408		3	2			3		2	3		2		3		2	3		2	5	12
9	199Y1A0409	4			4		2			3		3		1					1	4	2
10	199Y1A0410	5			4		3		3	2		3		2					1	5	45
11	199Y1A0411	2			3		2		3	3		4							2	5	12
12	199Y1A0412	5			4		3		4	3	4			3	4		3		3	5	31
13	199Y1A0413	5			4		3		3	3				3	2		2		2	5	32
14	199Y1A0414	3			5		3		2	3				2					2	5	0
15	199Y1A0415	5			5	4			3	4	4			1			2		3	5	45
16	199Y1A0416	4			5		3		3	3		4		3			3		3	5	38
17	199Y1A0417	4			4		3		2	3		4		3					3	5	33

18	199Y1A0418	5			5		4		4		3		4		3	2			3	3	5	52
19	199Y1A0419	3			3		3		2		4		4			2		2	3		5	19
20	199Y1A0420	4					3		3		3		4		4				2		5	26
21	199Y1A0421	5			4		3				3		4		3		2			3	5	35
22	199Y1A0422	5			4		3		3		2		4		3				3	2	5	35
23	199Y1A0424	3			4		3		3		4		3		4	2			4	2	5	31
24	199Y1A0425	5			4		3		5		4		3		3				4	2	5	48
25	199Y1A0426	5			4		3		4		3		4		4	3				2	5	38
26	199Y1A0427	2					2		2		2	2				2	2			2	3	15
27	199Y1A0428	5			3		3		4		3	4	4	4						1	2	32
28	199Y1A0429	5			5		3		5		3		4						2	3	5	47
29	199Y1A0430	5			4		3		4		3		4		3		1			2	5	40
30	199Y1A0431	4			4		3		4		2		4		4		2			2	5	42
31	199Y1A0432	5			5		4		4		3		5		3	4				3	5	56
32	199Y1A0433				4		3		1		3				3	2				3	5	2
33	199Y1A0434	5			4			4			2		4		2	4				2	5	32
34	199Y1A0435	4			5		4		4		2		5		3	3		1		2	5	42
35	199Y1A0436	5			4		4		5		1		4		3	2		2		2	5	29
36	199Y1A0437	5			4		2		2		1		3		3	1		1		3	5	10
37	199Y1A0438	4			4		2		3		2		5		4	3				3	5	28
38	199Y1A0439	2			2		3		3		3										4	2
39	199Y1A0440	5			5		4		3		2		4		3	3			3	3	5	38
40	199Y1A0441	5			5		4		4		3		5		3	5		3		1	5	35
41	199Y1A0442	5			5		3		4		3		5		3	4		4		3	5	41
42	199Y1A0443	4			4		3		4		2		4		3		2			2	5	25
43	199Y1A0444	5			5		3		5		3		5		5		3	4		2	5	37
44	199Y1A0445	4			2		2		2		2				3				2	2	5	2
45	199Y1A0446	5			5		2		2		1	4			3			3		2	5	30
46	199Y1A0447	5			5		4		4		2		5		4	3			3	4	5	50
47	199Y1A0448	3			5		3		3		2		3		3					2	5	30
48	199Y1A0449	4			4		2		2		1		2							2	5	5
49	199Y1A0450				5		3		3		2					3				1	5	27
50	199Y1A0451	5			4		3		5		2		5		3	4				3	5	41
51	199Y1A0452	4			2		2		2		2				2			2		2	5	33
52	199Y1A0453	5			2		3		3		2				3	1			3	2	5	31

88	199Y1A0492	3			5	2		5		4			4.5		5			3.5	4	4	35	
89	199Y1A0493	4		2		2		5		3	2.5			3.5		0	2		3	5	28	
90	199Y1A0495	2		2.5			4	2		3		4		3.5				2.5	4	5	30	
91	199Y1A0496		4.5		5		4.5			3		5		3.5	4.5			2.5	4	5	48	
92	199Y1A0497	2		2			3.5	3		4		2	2.5		4.5			1	5	5	28	
93	199Y1A0498	4					1.5	2		3	0		2.5		1			1	5	0	25	
94	199Y1A0499		2		5		4.5		2.5	4				3.5	3			2	5	5	27	
95	199Y1A04A0		5	5			4.5		5	2		4	3.5		4.5			4	3	5	44	
96	199Y1A04A2		4.5	1		2			2	4		4.5		2.5		0		5	5	5	33	
97	199Y1A04A3	3			2.5			4		3		2.5		2.5	4.5			2.5	3	5	30	
98	199Y1A04A5	3.5			4			5		3		4		2.5	4			2	2	5	32	
99	199Y1A04A6	4		2.5			3		2.5	4		4.5		2	3		2		5	5	34	
100	199Y1A04A7		5	1			1	5		4		5		4		0		4.5	5	5	-1	
101	199Y1A04A8	1			1		1		2	2	1.5			1		0	1.5		3	0	15	
102	199Y1A04A9	4.5			2.5	1			2	4		4		2			2		4	5	40	
103	199Y1A04B0	4.5		3.5		2				4		5	4.5			1		0	4	5	41	
104	199Y1A04B1		3		4		3		3	2		4		3	4			4	3	5	36	
105	199Y1A04B2		5		5		3.5		2.5	3	2			1	1		1		3	5	30	
106	199Y1A04B3	4.5			4.5		5		3.5	3		1.5		2	2.5			1	3	5	47	
107	199Y1A04B4	2.5			4		2			2	3			2.5	2				3	0	27	
108	199Y1A04B5	2.5			5		4.5	3		2								4	4	2	28	
109	199Y1A04B7	4			4.5		4.5		4.5	2	3.5			4.5					3	5	28	
110	199Y1A04B8	3.5			4.5		2		4.5	3		4.5		2.5	3		3.5		2	5	31	
111	199Y1A04B9	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	4	7
112	199Y1A04C0	4.5			5		5	5		2		4.5	5		5			4	4	5	54	
113	199Y1A04C1		5		5		3		4.5	3		5		4	5		3		3	5	58	
114	199Y1A04C2	4.5		2.5			3	5		4		3		2.5			3.5		5	5	42	
115	199Y1A04C4	4			5		3.5	2		4	4		0						5	3	43	
116	199Y1A04C5		5	5			4.5	5		3		5		3	5			3	3	5	40	
117	199Y1A04C6	5			4		5		3	3	4			3.5	4			2.5	3	5	30	
118	199Y1A04C7	4.5			5		3	4.5		3		4		3	2.5			4	5	5	48	
119	199Y1A04C8	4			4.5		4	3.5		2		5	2				4.5		4	5	25	
120	199Y1A04C9	2.5		1			2	5		2	4		0			0		2.5	5	2	34	
121	199Y1A04D0	A	A	A	A	A	A	A	A	A		4		4		0		2.5	2	5	31	
122	199Y1A04D1		4.5		5		4		2.5	3				2.5	1.5		4.5		4	5	33	

123	199Y1A04D2	2					3	2		3		1.5		1	1.5				3	5	18
124	199Y1A04D3		1		5		5	5		3		4.5		2.5		0			3	5	31
125	199Y1A04D4		1		4.5	2		5		3		5		3					2	5	27
126	199Y1A04D5	2					2.5	2.5		2	1			2.5			2		2	5	25
127	199Y1A04D6	2			2.5		2.5		3.5	2		3		2	3			2.5	2	5	35
128	199Y1A04D7		5		4.5		4.5		5	3		4		0				3	2	5	40
129	199Y1A04D8		2.5		1.5		1	2		2		4.5		3.5	2.5			2	2	5	31
130	199Y1A04D9				4.5			5		1		4.5							5	5	25
131	199Y1A04E0		2.5		2.5		0	4.5		2	4.5			2.5	4.5				2	4	30
132	199Y1A04E1	1			4.5		4.5			2			1						2	3	33
133	199Y1A04E2	3			1.5				2.5	3		4		4				4	2	5	30
134	199Y1A04E3	0			5		3	4		1		2.5		3.5	1		1		2	5	28
135	199Y1A04E4	1		0				2.5		2		4.5			4.5		5		2	2	25
136	199Y1A04E5	3			5	2.5			5	2		5		4.5					2	4	42
137	199Y1A04E6	0			5		1.5	5		2		5		5		5		2.5	2	5	35
138	199Y1A04E7	4			5	2.5				4		5			5				5	4	29
139	199Y1A04E8	3			4		4.5	3		4		4			4.5				5	5	34
140	199Y1A04E9	4			4			1.5		4		5		4					4	0	30
141	199Y1A04F0			5		5		4	5	4		5	2.5			1	5		3	5	51
142	199Y1A04F1		4		3			3		3		2.5		4				2.5	3	5	32
143	199Y1A04F2	4			5		4.5		2	2		4	2.5				3.5		2	3	31
144	199Y1A04F3		5		5		4			5			2.5		1			4	3	5	31
145	199Y1A04F4		4.5	2			0		3	5			2.5	5				3.5	3	5	29
146	199Y1A04F5		4.5	2.5		2.5		5		5		1							3	4	38
147	199Y1A04F6	3			5		4		2	2		5		2	1		4.5		3	5	37
148	199Y1A04F7	2.5							1.5	2										0	25
149	199Y1A04F8	4			5		4.5		4	3		4.5		3			5		2	5	43
150	199Y1A04F9	3.5			5		4	4.5		3		4.5		4.5	3			1	4	5	34
151	199Y1A04G0	4						5		5		3.5		2.5	2			0	4	5	32
152	199Y1A04G1		5		5				2	5		2	0		4		4		4	5	45
153	199Y1A04G2		5		1				5	4			0		5		5		4	5	32
154	199Y1A04G3	2.5		2			4.5			2		4		4.5		2	1.5		2	4	30
155	199Y1A04G4	3			5		4.5	3.5		2		3.5		2.5		1	4.5		3	5	48
156	199Y1A04G5		4		4.5		3		3	5				2				1	4	5	29
157	199Y1A04G6	4.5			3.5		4.5		3	4		1			3			4	4	5	34

158	199Y1A04G7	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	0	8
159	199Y1A04G8	2			4.5		2.5		2	2		5		3.5	5		4		3	5	37
160	199Y1A04G9	4			3.5	2.5			5	4		4.5		4	2			4	5	5	41
161	199Y1A04H0	4			4			2		5		2		2		1			5	5	27
162	199Y1A04H1	4		4			5		1	2		4		5	4.5		2		3	3	36
163	199Y1A04H2	2.5			3		3.5	2		4		3		3		0	3		4	5	33
164	199Y1A04H3	4			4		4		4	4		4		3.5	1		4.5		4	5	30
165	199Y1A04H4	4.5			5		5	4		5							5		5	3	53
166	199Y1A04H5	2.5			5		4	4.5		5				4			3.5		4	5	37
167	199Y1A04H6	2.5						5		4		4		3.5			4.5		3	5	31
168	199Y1A04H7	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	0	0
169	199Y1A04H8	3.5			1	2.5		5		3	2			3.5		1	5		4	5	48
170	199Y1A04H9	2.5		4			3.5		2.5	3	1.5		3			0	5		2	5	32
171	199Y1A04I0			2					4.5	3		4.5		2					3	4	8
172	199Y1A04I1	4.5		2.5			5	4.5		4		5		5	4.5		5		4	5	56
173	199Y1A04I2	2.5		0	3		4		4	2		5		2.5		1	3		3	5	42
174	199Y1A04I3	1.5			5		4.5		4	2		4.5	0		5				4	5	30
175	199Y1A04I4	4			4		5		5	4	4.5			5	3.5		3		4	5	42
176	199Y1A04I5	4			4.5		4.5		4.5	3		5		5	3.5				4	5	30
177	199Y1A04I6	4.5		2.5			2.5		4	4		3.5		3.5				2.5	4	5	48
178	199Y1A04I7		1	2.5			1		1	3		5		4	2.5			2	4	5	13
179	199Y1A04I8	3			3.5		3.5		4	4		3		2	3			2.5	4	5	30
180	199Y1A04I9	3.5			0		1.5		3.5	1		4.5	2.5		1		2		3	5	39
181	199Y1A04J0	2.5			4.5		1	4.5		3	2			1		0		1	4	4	14
182	209Y5A0401	2.5			4.5	2.5		2		3		3		2.5	3			3.5	2	4	36
183	209Y5A0402	3.5			3		4.5		4	2	4.5							3.5	2	5	34
184	209Y5A0403	3.5			5		4	5		3			0	1.5		0	4		5	5	48
185	209Y5A0404	2.5				3			4	5		4		2.5		0		2.5	4	5	33
186	209Y5A0405	2.5			3.5	2.5		4.5		3		3		3.5	2			3.5	4	5	32
187	209Y5A0406	4		1.5			4		3	3		4		2.5	2			2.5	3	5	30
188	209Y5A0407	4.5			2	2.5		4.5		3		4		4.5	2		3.5		3	4	29
189	209Y5A0408	2.5		1			4	1		3		1		3		1	4		4	5	27
190	209Y5A0409	3			2.5		3		2	3		1.5		3.5	2	0	5		4	5	26
191	209Y5A0410	3.5			5		5		5	3		4.5		4.5	2		3.5		4	5	42
192	209Y5A0411	4		3.5			4.5		1.5	2				3	2		4.5		2	2	29

193	209Y5A0412	4			5		5	4.5			3	2.5			2	1		4.5		5	5	43
194	209Y5A0413	4			5		5	5			2		4.5		1	2			3	4	5	41
195	209Y5A0414	4.5		0			5		4		2		3		4	1		4.5		3	4	32
196	209Y5A0415	3.5			4		3.5	5			2	2.5			2.5	1			2.5	3	5	37
197	209Y5A0416	2			4		3		2.5		2		3.5		2.5	1			2	2	5	33
198	209Y5A0417	4		2.5		2.5			2	2	2	3.5			2	1			3	3	5	50
199	209Y5A0418		2.5		4		3.5		3	3		3.5		3.5	1			4		2	5	39
200	209Y5A0419		4.5		5	2.5			2	2		3.5		3.5	3.5				3.5	3	5	38

Target marks	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Number of Students Attempted the	153	44	37	158	27	159	67	127	200	36	143	30	153	107	40	65	87	196	200	200	200	
Number of Students Achieved	128	33	17	143	13	128	49	94	118	23	127	17	117	67	2	42	61	129	187	178	178	
% of the CO	560130	75	9459450632	1481450314	134320	1574			59.0	888888	1118566666	4705851682	5	5153811494		65.8		93.5		89.0	89.0	
Co	CO1	CO2	CO4	CO3	CO3	CO3	CO2	CO2	CO1,2,3,4	CO4	CO4	CO4	CO5	CO5	CO5	CO5	CO5	CO4,5	CO1,2,3,4,5	CO1,2,3,4,5	CO1,2,3,4,5	
	3	3	0	3	0	3	3	3	1	2	3	1	3	2	0	2	3	2	3	3	3	

Mid-1 Co Attainment

CO's
CO1 71.3
CO2 70.3
CO3 69.5
CO4 52.5
CO5

Average of Individual CO'S including Objective Marks also

Assignment

CO's
CO1 93.5
CO2 93.5
CO3 93.5
CO4 93.5
CO5 93.5

Mid-2 Co Attainment

CO's
CO1
CO2
CO3
CO4 68.8
CO5 57.4

Average of Individual CO'S including Objective Marks also

End Examination

CO's
CO1 89.0
CO2 89.0
CO3 89.0
CO4 89.0
CO5 89.0

G. H. H.

**K.S.R.M College of Engineering: Kadapa
(AUTONOMOUS)**

Department of Electronics & Communication Engineering

Name of the Subject:

ANTENNAS & WAVE PROPAGATION

Subject Code:

1804506

Semester:

V

Number of Students

200

Name of the Teaching Faculty:

SHAIK JABEEN

	CO'S	CO1	CO2	CO3	CO4	CO5
S.No	Roll Number					
1	199Y1A0401	High	Low	High	Low	High
2	199Y1A0402	Moderate	Low	Moderate	Low	Moderate
3	199Y1A0403	Low	High	Low	High	Low
4	199Y1A0404	High	Moderate	High	Moderate	High
5	199Y1A0405	Moderate	Moderate	Moderate	Moderate	Moderate
6	199Y1A0406	High	High	Moderate	Moderate	Moderate
7	199Y1A0407	High	Low	High	Low	High
8	199Y1A0408	Moderate	High	Moderate	High	Moderate
9	199Y1A0409	Low	Moderate	Low	Moderate	Low
10	199Y1A0410	High	Moderate	High	Moderate	High
11	199Y1A0411	Moderate	Low	Moderate	Low	Moderate
12	199Y1A0412	High	High	Moderate	High	Moderate
13	199Y1A0413	High	High	High	High	High
14	199Y1A0414	Moderate	Moderate	Moderate	Moderate	High
15	199Y1A0415	Low	Moderate	Low	Moderate	Moderate
16	199Y1A0416	High	Low	High	Low	Low
17	199Y1A0417	Moderate	Low	Moderate	Low	High
18	199Y1A0418	Low	High	Low	High	Moderate
19	199Y1A0419	High	Moderate	High	Moderate	Low
20	199Y1A0420	Moderate	Moderate	Moderate	Moderate	High
21	199Y1A0421	Low	Low	Low	Low	Moderate
22	199Y1A0422	High	Low	High	Low	Low
23	199Y1A0424	Moderate	High	Moderate	High	High
24	199Y1A0425	Low	Moderate	Low	Moderate	Moderate
25	199Y1A0426	High	Moderate	High	Moderate	Low
26	199Y1A0427	Moderate	Low	Moderate	Low	High
27	199Y1A0428	Moderate	Moderate	Low	Moderate	High
28	199Y1A0429	High	High	High	High	Moderate
29	199Y1A0430	Moderate	Moderate	Moderate	Moderate	Low
30	199Y1A0431	Low	Moderate	Low	Moderate	High
31	199Y1A0432	High	Low	High	Low	Moderate
32	199Y1A0433	Moderate	Low	Moderate	Low	Low
33	199Y1A0434	Low	High	Low	High	High
34	199Y1A0435	High	Moderate	High	Moderate	Moderate
35	199Y1A0436	Moderate	Moderate	Moderate	Moderate	Low

36	199Y1A0437	High	High	High	Moderate	High
37	199Y1A0438	High	Low	High	Low	Moderate
38	199Y1A0439	Moderate	High	Moderate	High	Low
39	199Y1A0440	Low	Moderate	Low	Moderate	High
40	199Y1A0441	High	Moderate	High	Moderate	High
41	199Y1A0442	Moderate	Low	Moderate	Low	Moderate
42	199Y1A0443	High	High	High	High	Low
43	199Y1A0444	High	High	High	High	High
44	199Y1A0445	Moderate	Moderate	Moderate	Moderate	Moderate
45	199Y1A0446	Low	Moderate	Low	Moderate	Low
46	199Y1A0447	High	Low	High	Moderate	High
47	199Y1A0448	Moderate	Low	Moderate	Low	Moderate
48	199Y1A0449	Low	High	Low	High	Low
49	199Y1A0450	High	Moderate	High	Moderate	High
50	199Y1A0451	Moderate	Moderate	Moderate	Moderate	Moderate
51	199Y1A0452	Moderate	Low	Moderate	High	Moderate
52	199Y1A0453	High	Low	High	High	High
53	199Y1A0454	High	Moderate	High	Moderate	High
54	199Y1A0455	Moderate	Low	Moderate	High	Moderate
55	199Y1A0456	Moderate	High	High	Moderate	Moderate
56	199Y1A0457	High	High	High	High	High
57	199Y1A0458	Moderate	Moderate	Moderate	Moderate	Moderate
58	199Y1A0459	Low	Moderate	Low	Moderate	Low
59	199Y1A0460	High	Low	High	Low	High
60	199Y1A0461	Moderate	Low	Moderate	Low	Moderate
61	199Y1A0462	High	High	High	High	High
62	199Y1A0463	Moderate	Moderate	Moderate	Moderate	Moderate
63	199Y1A0464	Low	Moderate	Low	Moderate	Low
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65	199Y1A0466	Moderate	Low	Moderate	Low	Moderate
66	199Y1A0467	Moderate	High	High	Moderate	Moderate
67	199Y1A0468	High	High	High	High	High
68	199Y1A0469	Moderate	Moderate	Moderate	Moderate	Moderate
69	199Y1A0470	High	High	High	High	High
70	199Y1A0471	High	Low	High	High	Moderate
71	199Y1A0472	Moderate	High	Moderate	High	Low
72	199Y1A0473	Low	Moderate	Low	High	High
73	199Y1A0474	High	Moderate	High	Moderate	High
74	199Y1A0475	Moderate	Low	Moderate	High	Moderate
75	199Y1A0476	Moderate	High	High	Moderate	Moderate
76	199Y1A0477	High	High	High	High	High
77	199Y1A0479	Moderate	Moderate	Moderate	Moderate	Moderate
78	199Y1A0480	Low	Moderate	Low	High	Low
79	199Y1A0482	High	Low	High	High	High
80	199Y1A0483	Moderate	Low	Moderate	Low	Moderate
81	199Y1A0484	Low	High	Low	High	Low
82	199Y1A0486	High	Moderate	High	Moderate	High

83	199Y1A0487	Moderate	High	High	High	Moderate
84	199Y1A0488	High	High	High	High	High
85	199Y1A0489	Moderate	Moderate	Moderate	High	Moderate
86	199Y1A0490	Moderate	High	High	Moderate	Moderate
87	199Y1A0491	High	High	High	High	High
88	199Y1A0492	Moderate	Moderate	Moderate	High	Moderate
89	199Y1A0493	High	Moderate	High	Moderate	High
90	199Y1A0495	Moderate	Low	Moderate	Low	Moderate
91	199Y1A0496	Moderate	High	High	Moderate	Moderate
92	199Y1A0497	High	High	High	High	High
93	199Y1A0498	Moderate	Moderate	Moderate	High	Moderate
94	199Y1A0499	Low	Moderate	Low	Moderate	Low
95	199Y1A04A0	High	Low	High	Low	High
96	199Y1A04A2	Low	Moderate	Low	Moderate	Low
97	199Y1A04A3	High	Low	High	Low	High
98	199Y1A04A5	High	Low	High	High	Moderate
99	199Y1A04A6	Moderate	High	Moderate	High	Low
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102	199Y1A04A9	High	High	High	High	High
103	199Y1A04B0	Moderate	Moderate	Moderate	Moderate	Moderate
104	199Y1A04B1	Low	Moderate	Low	Moderate	Low
105	199Y1A04B2	Moderate	High	High	High	Moderate
106	199Y1A04B3	High	High	High	High	High
107	199Y1A04B4	Moderate	Moderate	Moderate	Moderate	Moderate
108	199Y1A04B5	Low	Moderate	Low	Moderate	Low
109	199Y1A04B7	High	Low	High	Low	High
110	199Y1A04B8	Moderate	Low	Moderate	High	Moderate
111	199Y1A04B9	Moderate	High	High	Moderate	Moderate
112	199Y1A04C0	High	High	High	High	High
113	199Y1A04C1	Moderate	High	Moderate	High	Moderate
114	199Y1A04C2	Moderate	High	Moderate	Moderate	Moderate
115	199Y1A04C4	Low	Moderate	Low	Moderate	Low
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117	199Y1A04C6	High	Low	High	Low	Moderate
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120	199Y1A04C9	High	Moderate	High	Moderate	High
121	199Y1A04D0	Moderate	Low	Moderate	High	Moderate
122	199Y1A04D1	Moderate	High	High	Moderate	Moderate
123	199Y1A04D2	High	High	High	High	High
124	199Y1A04D3	Moderate	Moderate	Moderate	High	Moderate
125	199Y1A04D4	Low	Moderate	Low	Moderate	Low
126	199Y1A04D5	High	Moderate	High	Low	High
127	199Y1A04D6	High	High	High	High	High
128	199Y1A04D7	Moderate	Moderate	Moderate	Moderate	Moderate
129	199Y1A04D8	Moderate	Moderate	Low	Moderate	Low

130	199Y1A04D9	High	High	High	Low	High
131	199Y1A04E0	Moderate	Low	Moderate	High	Moderate
132	199Y1A04E1	Low	Moderate	Low	Moderate	Low
133	199Y1A04E2	High	Low	High	Low	High
134	199Y1A04E3	Low	Moderate	Low	Moderate	Low
135	199Y1A04E4	High	High	High	High	High
136	199Y1A04E5	High	High	High	Low	Moderate
137	199Y1A04E6	Moderate	High	Moderate	High	Low
138	199Y1A04E7	Moderate	Moderate	Low	Moderate	High
139	199Y1A04E8	Moderate	Moderate	Low	Moderate	Low
140	199Y1A04E9	High	Low	High	High	High
141	199Y1A04F0	Moderate	Low	Moderate	Low	Moderate
142	199Y1A04F1	Moderate	High	High	Moderate	Moderate
143	199Y1A04F2	High	High	High	High	High
144	199Y1A04F3	Moderate	Moderate	Moderate	Moderate	Moderate
145	199Y1A04F4	Low	Moderate	Low	Moderate	Low
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147	199Y1A04F6	High	High	High	High	High
148	199Y1A04F7	High	High	Moderate	Moderate	Moderate
149	199Y1A04F8	Moderate	High	Moderate	High	Moderate
150	199Y1A04F9	Low	Moderate	Low	Moderate	Low
151	199Y1A04G0	High	Low	High	Low	High
152	199Y1A04G1	High	High	High	High	High
153	199Y1A04G2	Moderate	Moderate	Moderate	Moderate	Moderate
154	199Y1A04G3	Low	Moderate	Low	Moderate	Low
155	199Y1A04G4	High	High	High	High	High
156	199Y1A04G5	Moderate	High	Moderate	High	Moderate
157	199Y1A04G6	Low	Moderate	Low	Moderate	Low
158	199Y1A04G7	High	Moderate	High	Low	High
159	199Y1A04G8	High	Moderate	High	Low	Moderate
160	199Y1A04G9	Moderate	High	Moderate	High	Low
161	199Y1A04H0	Moderate	High	Low	Moderate	High
162	199Y1A04H1	High	High	High	Low	High
163	199Y1A04H2	High	High	High	High	High
164	199Y1A04H3	High	Moderate	Moderate	Moderate	Moderate
165	199Y1A04H4	High	Moderate	Low	Moderate	Low
166	199Y1A04H5	High	Moderate	High	High	High
167	199Y1A04H6	Moderate	Moderate	Moderate	High	Moderate
168	199Y1A04H7	Moderate	Moderate	Low	Moderate	Low
169	199Y1A04H8	High	Low	High	High	High
170	199Y1A04H9	High	High	High	High	High
171	199Y1A04I0	Moderate	Moderate	Moderate	Moderate	Moderate
172	199Y1A04I1	Moderate	Moderate	Low	Moderate	Low
173	199Y1A04I2	High	Low	High	High	High
174	199Y1A04I3	Moderate	Low	Moderate	High	Moderate
175	199Y1A04I4	Moderate	Moderate	Low	Moderate	Low
176	199Y1A04I5	High	Low	High	Low	High

177	199Y1A0416	Low	Moderate	Low	Moderate	Low
178	199Y1A0417	High	High	High	High	High
179	199Y1A0418	High	Low	High	Low	Moderate
180	199Y1A0419	Moderate	High	High	Moderate	Moderate
181	199Y1A0410	High	High	High	High	High
182	209Y5A0401	Moderate	High	Moderate	Moderate	Moderate
183	209Y5A0402	Low	High	Moderate	Moderate	Low
184	209Y5A0403	High	Low	High	Low	High
185	209Y5A0404	High	High	High	High	High
186	209Y5A0405	Moderate	High	High	Moderate	Moderate
187	209Y5A0406	Low	High	High	Moderate	Low
188	209Y5A0407	High	High	High	High	High
189	209Y5A0408	Moderate	High	Moderate	Low	Moderate
190	209Y5A0409	Low	Moderate	Low	Moderate	Low
191	209Y5A0410	High	High	High	Low	High
192	209Y5A0411	Moderate	High	Moderate	Low	Moderate
193	209Y5A0412	Low	Moderate	Low	High	Low
194	209Y5A0413	High	High	High	Moderate	High
195	209Y5A0414	Moderate	High	Moderate	High	Moderate
196	209Y5A0415	Low	Moderate	Moderate	Moderate	Low
197	209Y5A0416	High	Low	High	High	High
198	209Y5A0417	Low	Moderate	High	Moderate	Low
199	209Y5A0418	High	High	High	High	High
200	209Y5A0419	High	High	High	High	Moderate

High	86	75	95	77	79
Moderate	77	77	63	83	74
Low	37	46	42	38	47

	High	Moderate	Low
Co1	86	77	37
Co2	75	77	46
Co3	95	63	42
Co4	77	83	38
Co5	79	74	47

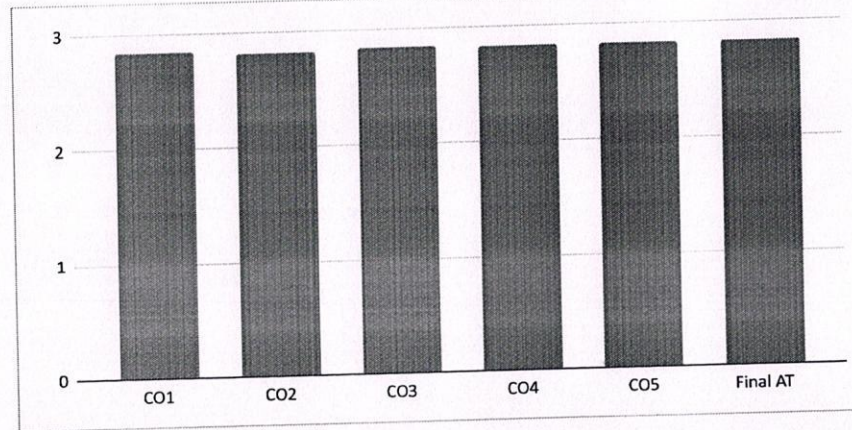
Direct Attainment				
CO	Internal	External	%age	DA
CO1	82.4	89.0	86.4	3
CO2	81.9	89.0	86.2	3
CO3	81.5	89.0	86.0	3
CO4	71.6	89.0	82.0	3
CO5	75.5	89.0	83.6	3

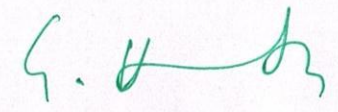
Number of Students 200

Indirect Attainment				
CO	High	Moderate	Low	IA
CO1	86.0	77.0	37.0	2.2
CO2	75.0	77.0	46.0	2.1
CO3	95.0	63.0	42.0	2.3
CO4	77.0	83.0	38.0	2.2
CO5	79.0	74.0	47.0	2.2

Final Co Attainment		
CO	CO Attainment	Overall Attainment
CO1	2.8	2.8
CO2	2.8	
CO3	2.9	
CO4	2.8	
CO5	2.8	

Final AT 2.8




 Professor & H.O.D.
 Department of E.C.E.
 K.S.R.M. College of Engineering
 KADAPA - 516 003

**K.S.R.M College of Engineering: Kadapa
(AUTONOMOUS)**

Department of Electronics & Communication Engineering

Name of the Subject:
Semester:
Internal Target % age

CMOS design
VII
50

Academic Year:

Regulation
2021-2022
External target % age

R-18

Subject Code:
Students on Roll:

1804706
187

Attainment		Condition for Internal and Assignment									Condition for External										
0		if percentage < 50 then Attainment Level = 0									if percentage < 50 then Attainment Level = 0										
1		if percentage \geq 50 and < 60 then Attainment Level = 1									if percentage \geq 50 and < 60 then Attainment Level = 1										
2		if percentage \geq 60 and < 70 then Attainment Level = 2									if percentage \geq 60 and < 70 then Attainment Level = 2										
3		if percentage \geq 70 then Attainment Level = 3									if percentage \geq 70 then Attainment Level = 3										
		Mid Term - 1									Mid Term - 2										
CO'S		CO1	CO1	CO1	CO1	CO2	CO2	CO2	CO2	CO1,2	CO3	CO3	CO3	CO3	CO4	CO4	CO5	CO5	CO3,4,5	CO1,2,3,4,5	CO1,2,3,4,5
Question		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Objective	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Objective	Assignment	End Examination
S.No	Roll Number	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1	179Y1A0462									5								5	5	70	
2	179Y1A0498		3	3		1				4										0	
3	189Y1A0401	4		4			5		4	3			3					3	5	15	
4	189Y1A0402		5	5		5		5		4	2		3		3			3	5	36	
5	189Y1A0403	3		2		1		1		4	5		5			4		3	5	46	
6	189Y1A0404		4	5		4		5		4	5						3	3	5	25	
7	189Y1A0406	5		3		5		5		3	5		5		4			4	5	31	
8	189Y1A0407	3		3		3		5		3	4			5	4			4	5	27	
9	189Y1A0408	5		4		5		5		4	4							3	5	25	
10	189Y1A0409		5	4			4	5		5	5		2	4		5		3	5	39	
11	189Y1A0410	4		5				5		4	5				4		5	4	5	40	
12	189Y1A0411		4	4	4			4		4	5			5	4	5		3	5	25	
13	189Y1A0412		3	3		4		5		3	5		5		4	5		4	5	32	
14	189Y1A0413		5	5		5		5		3		5	5		4		3	3	5	39	
15	189Y1A0414		4	4		5			4	4	5		5		4	5		3	5	48	
16	189Y1A0415	3		3		2		3		4	5		5		2			3	5	33	
17	189Y1A0416	4		5		5		5		3	4							3	5	37	
18	189Y1A0417			3	4		3	4		2	5		5		4	4		3	5	44	
19	189Y1A0418	5		5		5		5		4	5		5					3	5	27	
20	189Y1A0420		5	5		5		5		4	5		5		4	5		4	5	49	
21	189Y1A0421		4	2				5		4	4		5		3		5	4	5	49	
22	189Y1A0422		4		4			3		4	4						3	3	5	39	
23	189Y1A0423		3		3			3		4	5		3		2		2	3	5	35	
24	189Y1A0424		3	3		5		5		4	5		5	2		3	1	3	5	32	
25	189Y1A0425	4		4		5		5		4	5		3		2	3		4	5	30	
26	189Y1A0426	5		5		2		2		4	5		2		2	2		4	5	35	
27	189Y1A0427		5	5		5		5		4	5		4		4	4		4	5	36	
28	189Y1A0428		3	5		5		4		4	5			3			3	4	5	42	

29	189Y1A0430		4	5		5		5		2	5		5		4				3	5		41	
30	189Y1A0431		4	5			5	5		4	5			5						5	5		38
31	189Y1A0432		4	4				5	5	4	5			5		3	5			5	5		45
32	189Y1A0433	4			4	4		4	4	4	5			5		4	5			4	5		41
33	189Y1A0434	2		4		4			5	4	5			2					4	5		38	
34	189Y1A0435		3	4				2		2	5								4	5		27	
35	189Y1A0436	5		5		5		5		4	5			4					2	5		36	
36	189Y1A0437	5		5		5			5	4	5								4	5		35	
37	189Y1A0438	5		5		5		5		4	5			5		4	5			3	5		47
38	189Y1A0439	5		5		5		5		3	5			5		2	5			4	5		26
39	189Y1A0440	5		5		5		5		4	5			5		3	5			2	5		28
40	189Y1A0441	5		5		5		5		5	5			5		3	5			5	5		41
41	189Y1A0442	5		5		5		5		5	5			5		2				5	5		45
42	189Y1A0443	5		5		5		5		4	5			5		3			2	3	5		33
43	189Y1A0444	5		5		5		5		5	5			5		4	5			5	5		46
44	189Y1A0445	1					3			5				1		3	2			5	5		31
45	189Y1A0446	3		1		2		1		5	1			2	4			4	5	5			26
46	189Y1A0447	5		2		3			3	2	5			5		4			4	5	5		27
47	189Y1A0448		4	3			4	5		4	5			5		4			2	5			40
48	189Y1A0449		0	2		1		2		4	2			3			2		4	5			40
49	189Y1A0450		5	5			5	5		4	5			5		4	5			4	5		44
50	189Y1A0451	5		5		5		5		4	5			5		4	5			5	5		46
51	189Y1A0452		5	5		5		5		2		5		5		4	5			4	5		35
52	189Y1A0453	5		4		4		4		5	5			5		5	5			5	5		47
53	189Y1A0454		5		5	5		5		5	5			5		4	5			5	5		45
54	189Y1A0455	5		4		3		4		4	5			5	4		5			4	5		41
55	189Y1A0456	5		5		5		5		4	5			5		4	4			3	5		47
56	189Y1A0457		5		5		5	5		3	5			5		4	4			3	5		43
57	189Y1A0458	5		5		5		5		2	5			5		3	5			2	5		45
58	189Y1A0459		3		3	1		5		3	5			4	5	3	3			3	5		27
59	189Y1A0460	5		5		5		5		4	5			5		4	5			4	5		45
60	189Y1A0461		4		5	5		5		5	5			5		4		2		4	5		41
61	189Y1A0462	5		4		4		4		5	5			5		2				4	5		42
62	189Y1A0463	5		5		3		4		5	5			5		4	4			4	5		42
63	189Y1A0464	5		4		5		5		3	5			5		3				3	5		46
64	189Y1A0465	5		4		4		4		5	5			2						4	5		48
65	189Y1A0466	5		4		5		5		5	5					3	3			4	5		43
66	189Y1A0467	3		1		2		1		5	2			1			1			3	5		30
67	189Y1A0468		4		5	5		5		5	5			5		3	5			4	5		36
68	189Y1A0469	5		5		4		5		4	5			5		2	5			5	5		32
69	189Y1A0470		5	5			4	4		5	5			5		3	5			5	5		40
70	189Y1A0471		5	3		5		5		5	5			5		5	3	3		5	5		47
71	189Y1A0472	4		5		5		5		5	5			5		5	5			5	5		37
72	189Y1A0473		5	5			5	5		5	5			5		5	5			5	5		42
73	189Y1A0474	5		5		5		5		5	5			3		3	5			5	5		31

74	189Y1A0475	5		5		5		5		5	5		5		4	5		5	5	41
75	189Y1A0476	3		3		3				5	5		5		3	5		5	5	27
76	189Y1A0477	4		5		5		5		4	5		5		5			5	5	37
77	189Y1A0479	5		5		5			5	5	5		5		5			4	5	43
78	189Y1A0481	3			5		5	5		3	5		5		5	5		4	5	45
79	189Y1A0482	5		5		5		5		3	5		5		5	5		3	5	39
80	189Y1A0483		5		5		5		5	4	5		5		4	5		2	5	36
81	189Y1A0484	5		5		5		5		5	5		5		5			5	5	44
82	189Y1A0486		5	5		5		5		5	5		5		5			5	5	47
83	189Y1A0487		3	5		5		5		5	5		5		3			5	5	45
84	189Y1A0488	5		5		5		5		4	5		5		5	5		5	5	52
85	189Y1A0489	5		5		5		5		5	5		5		4	5		5	5	35
86	189Y1A0490	5		3		5		4		2	5		5		4	5		5	5	32
87	189Y1A0491		5	5		5		5		4	5		5		5			5	5	37
88	189Y1A0492		3	5		5		5		4	5		5		3	5		5	5	35
89	189Y1A0493	5		5		5			5	4	5		5		3			5	5	43
90	189Y1A0494	5		4			5	5		5	5		5		4		5	5	5	25
91	189Y1A0495		2		2	1		3		4	4		4		3	2		5	5	30
92	189Y1A0496	5		5		3			2	5	5		4		3	4		5	5	37
93	189Y1A0497		5	5		5		5		3	5		5		4			5	5	41
94	189Y1A0498		3		3		5	4		2	3		3		3		2	5	5	34
95	189Y1A0499		3		2		4	3		3			3		3			5	5	30
96	189Y1A04A0	5		4		3		5		3	5		3		3			4	5	38
97	189Y1A04A1		3	5			5	5		4	5		5		3	5		5	5	44
98	189Y1A04A2	5		5			5	5		4	5		5		3	3		5	5	39
99	189Y1A04A3		3		4		3	4		4	5		5		3	3		5	5	37
100	189Y1A04A4	5		5			5	5		5	5		2	4		3		2	5	34
101	189Y1A04A5		5	5			5	5		4	5		5		4	5		5	5	35
102	189Y1A04A6		5	5			5	5		4	5		5		3			4	5	34
103	189Y1A04A7	5		5		4		4		5	4		5		2	5		4	5	31
104	189Y1A04A8		4	4		4		5		4			2		2			5	5	41
105	189Y1A04A9		5	5		5		5		4			5		5			4	5	50
106	189Y1A04B0		5	5			5	5		4	5		5		3	5		5	5	47
107	189Y1A04B1		5	5			5	5		4	5		5		5			5	5	49
108	189Y1A04B2	3		3		4		3		4			3		2			3	4	32
109	189Y1A04B3		5	5			5	5		3	5		5		3	5		4	5	34
110	189Y1A04B4		3	3		4		3		3			4		4			4	5	37
111	189Y1A04B5		3	3		4		4		4	2		4		4			5	5	27
112	189Y1A04B6		3	3		3		3		4			2		2			4	5	27
113	189Y1A04B7	2		3		3		4		5	4		2		2			4	5	26
114	189Y1A04B8	3			3		3		5	5			2		2			3	4	17
115	189Y1A04B9	4		3		3		2		5			3		4			5	0	12
116	189Y1A04C0		2	5			5	5		5	5		5		5			5	5	36
117	189Y1A04C1		3	5			5	5		4	5		5		3	5		5	5	43
118	189Y1A04C2		5		5	5		5		4	5		5		2	5		5	5	41

119	189Y1A04C3	5		5		5		4		3	5			5		3	5		4	5	43
120	189Y1A04C4		4	4			5	5		3	5			5		3	5		4	5	37
121	189Y1A04C5	5		4			3	3		4		4	5	3				3	5	5	37
122	189Y1A04C6	5		4		5		5		4	5					3		3	5	5	28
123	189Y1A04C7		5	5			5	5		5	5				3			5	5	5	48
124	189Y1A04C8		4	4			5	5		5	5			5	3	5		5	5	5	42
125	189Y1A04C9		2				3			4	2			3	2	4		4	5	5	36
126	189Y1A04D0	4			5		5	5		3	3			5	2	3		5	5	5	42
127	189Y1A04D1		3	3			4		3	4	5			4	2	1		4	5	5	39
128	189Y1A04D2	5		3		3		3		3					1		1	5	5	5	38
129	189Y1A04D3	3		3		5		4		5	5			5	3	4		5	5	5	44
130	189Y1A04D4		5	5			5	5		5	5			5	4	5		5	5	5	38
131	189Y1A04D5	5		5		5		4		5	5			5	4	5		5	5	5	52
132	189Y1A04D6		3	5			5	5		5	5		5	4	5		5	5	5	5	46
133	189Y1A04D7					3			4	5	5			4	5	5		5	5	5	46
134	189Y1A04D8		4	3		3	1	3		4	4			4	3	1		5	5	5	36
135	189Y1A04D9	5		5		5		4		4	5			5	5	3		5	5	5	36
136	189Y1A04E0	5		5		4		5		5	5			5	4	5		5	5	5	49
137	189Y1A04E1	5		4			5	4		5	5			5	4	5		5	5	5	41
138	189Y1A04E2		4	5			5	5		4	5			5	4	4		5	5	5	51
139	189Y1A04E3	5		5		4		5		5	5			5	4	5		5	5	5	42
140	189Y1A04E4		5	4		5		5		5	5			5	4			5	5	5	45
141	189Y1A04E5		4	5			5	5		5	5			5	4	4		4	5	5	49
142	189Y1A04E6		4	5		5		4		5	5			5	4	5		4	5	5	51
143	189Y1A04E7	5		5		5		4		4	5			5	5	4		4	5	5	49
144	189Y1A04E8	5		5		5		4		4	5			5	5	4		4	5	5	49
145	189Y1A04E9	4		4		4		4		5	4			5	4	5		5	5	5	43
146	189Y1A04F0			5			5	5		3	5			5	3	5		5	5	5	47
147	189Y1A04F1					3				5	5			5	4			4	5	5	33
148	189Y1A04F2	5		5				5		5	5			4	4	5		4	5	5	40
149	189Y1A04F3		4	4		4		5		5	5			5	4	4		4	4	5	41
150	189Y1A04F4		4	4		3		5		5	5			5	4	4		4	4	5	36
151	189Y1A04F5	5		5		5		4		5	5			5	5	4		5	5	5	49
152	189Y1A04F6	4		4		3		4		5	5			4		3		5	5	5	41
153	189Y1A04F7		4	4			4		3	5	5			4	4	5		5	5	5	26
154	189Y1A04F8	4			4	4		5		3	5			4		3		4	5	5	40
155	189Y1A04F9	5		3		4			5	4	5			4		5		4	5	5	44
156	189Y1A04G0	5		4			4	5		5	5			5	4	5		5	5	5	46
157	189Y1A04G1	5		5		5		4		5	5			5	4	5		5	5	5	25
158	189Y1A04G2	5		5		5		4		5	5			5	4	5		5	5	5	37
159	189Y1A04G3	5		4		5		5		5	5			5	4	4		5	5	5	34
160	199Y5A0401		3		4	5		5		5	5			5	4	5		5	5	5	40
161	199Y5A0402	5		5		5		4		5	5			4	5	5		5	5	5	35
162	199Y5A0403		4	4			5		5	5	5			5	4	5		5	5	5	40
163	199Y5A0404		3	4		5		5		5	5			4	4	5		5	5	5	29

164	199Y5A0405	5		4		5		5		5	5		5		4		5		5	5	50
165	199Y5A0406	5		5		5		4		5	5		5		4		5		5	5	34
166	199Y5A0407	5		5		4		5		3	5		5		4				5	5	27
167	199Y5A0408		5	5			4		5	5	5			5	4		4		5	4	37
168	199Y5A0409	1								4	5		5		4		4		5	5	2
169	199Y5A0410	5		5		5		4		5	5		5		4		4		4	2	32
170	199Y5A0411		3	4			5		5	5	5			5	4		4		4	5	46
171	199Y5A0412		4	5		5		5		5	5		5		4		4		4	5	48
172	199Y5A0414	5		5		5		4		5	5			5	4		4		4	5	32
173	199Y5A0415	5		5		5		4		4	5		5		4		5		2	5	34
174	199Y5A0416	5		1		4		5		5	5		5		4		5		2	5	36
175	199Y5A0417	2		2				2		5	5		5		4		5		3	5	34
176	199Y5A0418	3		3			2		5	5	5		5		4		4		4	5	29
177	199Y5A0419	5		5		5		4		5	5		5		4		5		5	5	52
178	199Y5A0420		4	4		4		4		4	3		4		4		4		3	5	28
179	199Y5A0421		2	5			4			3	5				4		5		2	5	33
180	199Y5A0422	5		4		5		5		3	5		5		4		5		3	5	30
181	199Y5A0423	5		4		5		4		5	5			5	4				2	2	29
182	199Y5A0424	5		5				3		5	5			5			5		3	5	40
183	199Y5A0425	4		5				3		3	5			5			5		3	2	27
184	199Y5A0426		4	5		4		5		2		4	5		4		4		2	5	41
185	199Y5A0427	5		5		4		5		2		5	4		4		4		2	5	43
186	199Y5A0428		3	4			4			3	5		5		4		5		2	5	30
187	199Y5A0429	5		4		5		5		3	5		5		4		5		4	5	34

Target marks	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	35
Number of Students Attempted the Question	102	80	162	21	125	48	153	27	186	167	11	83	86	68	91	130	16	186	187	186	
Number of Students Achieved the target	97	75	154	19	116	46	146	25	176	161	9	77	81	63	78	120	11	173	182	126	
% of the CO	95.1	93.8	95.1	90.5	92.8	95.8	95.4	92.6	94.6	96.4	81.8	92.8	94.2	92.6	85.7	92.3	68.8	93.0	97.3	67.7	
Co	CO1	CO1	CO1	CO1	CO2	CO2	CO2	CO2	CO1,2	CO3	CO3	CO3	CO3	CO4	CO4	CO5	CO5	CO3,4,5	CO1,2,3,4,5	CO1,2,3,4,5	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	2	

Mid-1 Co Attainment

CO's	
CO1	93.8
CO2	94.3
CO3	
CO4	
CO5	
Average of Individual CO'S including Objective Marks also	

Mid-2 Co Attainment

CO's	
CO1	
CO2	
CO3	91.6
CO4	90.5
CO5	84.7
Average of Individual CO'S including Objective Marks also	

Assignment

CO's
CO1 97.3
CO2 97.3
CO3 97.3
CO4 97.3
CO5 97.3

End Examination

CO's
CO1 67.7
CO2 67.7
CO3 67.7
CO4 67.7
CO5 67.7

**K.S.R.M College of Engineering: Kadapa
(AUTONOMOUS)**

Department of Electronics & Communication Engineering

Name of the Subject:	CMOS design
Subject Code:	1804706
Semester:	VII
Number of Students	187
Name of the Teaching Faculty:	K.Divyalakshmi

	CO'S	CO1	CO2	CO3	CO4	CO5
S.No	Roll Number					
1	179Y1A0462	High	Low	High	Low	High
2	179Y1A0498	Moderate	Low	Moderate	Low	Moderate
3	189Y1A0401	Low	High	Low	High	Low
4	189Y1A0402	High	Moderate	High	Moderate	High
5	189Y1A0403	Moderate	Moderate	Moderate	Moderate	Moderate
6	189Y1A0404	High	High	High	High	Moderate
7	189Y1A0406	High	Low	High	Low	High
8	189Y1A0407	Moderate	High	Moderate	High	Moderate
9	189Y1A0408	Low	Moderate	Low	Moderate	Low
10	189Y1A0409	High	Moderate	High	Moderate	High
11	189Y1A0410	Moderate	Low	Moderate	Low	Moderate
12	189Y1A0411	High	High	High	High	Moderate
13	189Y1A0412	High	High	High	High	High
14	189Y1A0413	Moderate	Moderate	Moderate	Moderate	High
15	189Y1A0414	Low	Moderate	Low	Moderate	Moderate
16	189Y1A0415	High	Low	High	Low	Low
17	189Y1A0416	Moderate	Low	Moderate	Low	High
18	189Y1A0417	Low	High	Low	High	Moderate
19	189Y1A0418	High	Moderate	High	Moderate	Low
20	189Y1A0420	Moderate	Moderate	Moderate	Moderate	High
21	189Y1A0421	High	High	High	High	Moderate
22	189Y1A0422	High	Low	High	Low	Low
23	189Y1A0423	Moderate	High	Moderate	High	High
24	189Y1A0424	Low	Moderate	Low	Moderate	Moderate
25	189Y1A0425	High	Moderate	High	Moderate	Low
26	189Y1A0426	Moderate	Low	Moderate	Low	High
27	189Y1A0427	High	High	High	High	Moderate
28	189Y1A0428	High	High	High	High	Moderate
29	189Y1A0430	Moderate	Moderate	Moderate	Moderate	Low
30	189Y1A0431	Low	Moderate	Low	Moderate	High
31	189Y1A0432	High	Low	High	Low	Moderate
32	189Y1A0433	Moderate	Low	Moderate	Low	Low
33	189Y1A0434	Low	High	Low	High	High
34	189Y1A0435	High	Moderate	High	Moderate	Moderate
35	189Y1A0436	Moderate	Moderate	Moderate	Moderate	Low
36	189Y1A0437	High	High	High	High	Moderate
37	189Y1A0438	High	Low	High	Low	Moderate
38	189Y1A0439	Moderate	High	Moderate	High	Low

39	189Y1A0440	Low	Moderate	Low	Moderate	High
40	189Y1A0441	High	Moderate	High	Moderate	High
41	189Y1A0442	Moderate	Low	Moderate	Low	Moderate
42	189Y1A0443	High	High	High	High	Moderate
43	189Y1A0444	High	High	High	High	High
44	189Y1A0445	Moderate	Moderate	Moderate	Moderate	Moderate
45	189Y1A0446	Low	Moderate	Low	Moderate	Low
46	189Y1A0447	High	Low	High	Low	High
47	189Y1A0448	Moderate	Low	Moderate	Low	Moderate
48	189Y1A0449	Low	High	Low	High	Low
49	189Y1A0450	High	Moderate	High	Moderate	High
50	189Y1A0451	Moderate	Moderate	Moderate	Moderate	Moderate
51	189Y1A0452	Low	Low	Low	Low	Low
52	189Y1A0453	High	Low	High	Low	High
53	189Y1A0454	Moderate	High	Moderate	High	High
54	189Y1A0455	Low	Moderate	Low	Moderate	Moderate
55	189Y1A0456	High	Moderate	High	Moderate	Low
56	189Y1A0457	Moderate	Low	Moderate	Low	High
57	189Y1A0458	Low	Low	Low	Low	Moderate
58	189Y1A0459	High	High	High	High	Low
59	189Y1A0460	Moderate	Moderate	Moderate	Moderate	High
60	189Y1A0461	Low	Moderate	Low	Moderate	Moderate
61	189Y1A0462	High	Low	High	Low	Low
62	189Y1A0463	Moderate	Low	Moderate	Low	High
63	189Y1A0464	Low	High	Low	High	Moderate
64	189Y1A0465	High	Moderate	High	Moderate	Low
65	189Y1A0466	Low	Low	Low	Low	Low
66	189Y1A0467	High	Low	High	Low	High
67	189Y1A0468	Moderate	High	Moderate	High	High
68	189Y1A0469	Low	Moderate	Low	Moderate	Moderate
69	189Y1A0470	High	Moderate	High	Moderate	Low
70	189Y1A0471	Moderate	Low	Moderate	Low	High
71	189Y1A0472	Low	Low	Low	Low	Moderate
72	189Y1A0473	High	High	High	High	Low
73	189Y1A0474	Moderate	Moderate	Moderate	Moderate	High
74	189Y1A0475	Low	Moderate	Low	Moderate	Moderate
75	189Y1A0476	High	Low	High	Low	Low
76	189Y1A0477	Moderate	Low	Moderate	Low	High
77	189Y1A0479	Low	High	Low	High	Moderate
78	189Y1A0481	Moderate	Low	Moderate	Low	Moderate
79	189Y1A0482	Low	High	Low	High	Low
80	189Y1A0483	High	Moderate	High	Moderate	High
81	189Y1A0484	Moderate	Moderate	Moderate	Moderate	Moderate
82	189Y1A0486	Low	Low	Low	Low	Low
83	189Y1A0487	High	Low	High	Low	High
84	189Y1A0488	Moderate	High	Moderate	High	Moderate
85	189Y1A0489	Low	Moderate	Low	Moderate	Low
86	189Y1A0490	High	Moderate	High	Moderate	High
87	189Y1A0491	Moderate	Low	Moderate	Low	Moderate
88	189Y1A0492	Low	Low	Low	Low	Low

89	189Y1A0493	High	High	High	High	High
90	189Y1A0494	Moderate	Moderate	Moderate	Moderate	High
91	189Y1A0495	Low	Moderate	Low	Moderate	Moderate
92	189Y1A0496	High	Low	High	Low	Low
93	189Y1A0497	Moderate	Low	Moderate	Low	High
94	189Y1A0498	Low	High	Low	High	Moderate
95	189Y1A0499	High	Moderate	High	Moderate	Low
96	189Y1A04A0	Moderate	Moderate	Moderate	Moderate	High
97	189Y1A04A1	Low	Low	Low	Low	Moderate
98	189Y1A04A2	High	Low	High	Low	Low
99	189Y1A04A3	Moderate	High	Moderate	High	High
100	189Y1A04A4	Low	Moderate	Low	Moderate	Moderate
101	189Y1A04A5	High	Moderate	High	Moderate	Low
102	189Y1A04A6	Moderate	Low	Moderate	Low	High
103	189Y1A04A7	High	High	High	High	Moderate
104	189Y1A04A8	High	High	High	High	Moderate
105	189Y1A04A9	Moderate	Moderate	Moderate	Moderate	Low
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107	189Y1A04B1	High	Low	High	Low	Moderate
108	189Y1A04B2	Moderate	Low	Moderate	Low	Low
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111	189Y1A04B5	Moderate	Moderate	Moderate	Moderate	Low
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113	189Y1A04B7	Low	Low	Low	Low	Low
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119	189Y1A04C3	Low	High	Low	High	Moderate
120	189Y1A04C4	High	Moderate	High	Moderate	Low
121	189Y1A04C5	Moderate	Moderate	Moderate	Moderate	High
122	189Y1A04C6	Low	Low	Low	Low	Moderate
123	189Y1A04C7	High	Low	High	Low	Low
124	189Y1A04C8	Moderate	High	Moderate	High	High
125	189Y1A04C9	Low	Moderate	Low	Moderate	Moderate
126	189Y1A04D0	High	Moderate	High	Moderate	Low
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128	189Y1A04D2	Low	Low	Low	Low	High
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133	189Y1A04D7	Low	Moderate	Low	Moderate	Moderate
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169	199Y5A0410	Moderate	Low	Moderate	Low	High
170	199Y5A0411	Low	High	Low	High	Moderate
171	199Y5A0412	High	Moderate	High	Moderate	Low
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173	199Y5A0415	High	High	High	High	Moderate
174	199Y5A0416	High	Low	High	Low	Low
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176	199Y5A0418	Low	Moderate	Low	Moderate	Moderate
177	199Y5A0419	High	Moderate	High	Moderate	Low
178	199Y5A0420	Moderate	Low	Moderate	Low	High
179	199Y5A0421	High	High	High	High	Moderate
180	199Y5A0422	High	High	High	High	Moderate
181	199Y5A0423	High	Low	High	Low	Low
182	199Y5A0424	Moderate	High	Moderate	High	High
183	199Y5A0425	Low	Moderate	Low	Moderate	Moderate
184	199Y5A0426	High	Moderate	High	Moderate	Low
185	199Y5A0427	Moderate	Low	Moderate	Low	High
186	199Y5A0428	High	High	High	High	Moderate
187	199Y5A0429	High	High	High	High	Moderate
High		79	56	79	56	66

Moderate		59	69	59	69	69
Low		49	60	49	60	52
		High	Moderate	Low		
	Co1	79	59	49		
	Co2	56	69	60		
	Co3	79	59	49		
	Co4	56	69	60		
	Co5	66	69	52		

K. Srinivasan

G. H. M.

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 Department of E.C.E.
 H.S.R.M. College of Engineering
 NADAPA - 516 083

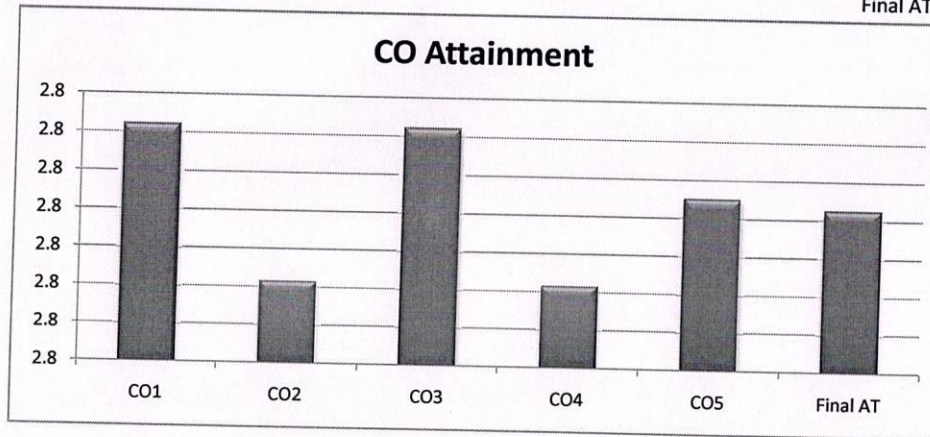
Direct Attainment				
CO	Internal	External	%age	DA
CO1	95.6	67.7	76.1	3
CO2	95.8	67.7	76.2	3
CO3	94.5	67.7	75.8	3
CO4	93.9	67.7	75.6	3
CO5	91.0	67.7	74.7	3

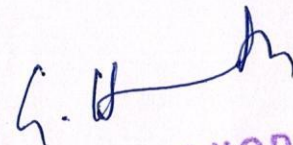
Number of Students 187

Indirect Attainment				
CO	High	Moderate	Low	IA
CO1	79.0	59.0	49.0	2.2
CO2	56.0	69.0	60.0	2.0
CO3	79.0	59.0	49.0	2.2
CO4	56.0	69.0	60.0	2.0
CO5	66.0	69.0	52.0	2.1

Final Co Attainment		
CO	CO Attainment	Overall Attainment
CO1	2.8	2.8
CO2	2.8	
CO3	2.8	
CO4	2.8	
CO5	2.8	

Final AT 2.8




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 KADAPA - 516 083

K.S.R.M College of Engineering: Kadapa
(AUTONOMOUS)

Department of Civil Engineering

Name of the Subject:	Design of Reinforced Concrete Structures - 2	Regulation	R-18	Subject Code:	1801702
Semester:	VII	Academic Year:	2021-2022	Students on Roll:	177
Course Coordinator		Internal Target Percentage	50	External target % age	35

Attainment Level	Condition for Internal and Assignment					Condition for External				
	0	if percentage	<	50			if percentage	<	60	
1	if percentage	>=	50	&<	60	if percentage	>=	60	&<	70
2	if percentage	>=	60	&<	70	if percentage	>=	70	&<	80
3	if percentage	>=	70			if percentage	>=	80		

S.No	CO'S	Mid Term - 1										Mid Term - 2										CO1,2,3,4,5	CO1,2,3,4,5	CO1,2,3,4,5
		CO1	CO1	CO1	CO2	CO2	CO2	CO3	CO3	CO1,2,3	CO3	CO3	CO4	CO4	CO4	CO5	CO5	CO5	CO3,4,5					
		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Objective	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Objective	Assignment	End Examination			
		Marks	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5			
Roll Number																								
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7	189Y1A0107	5		3		3				1			2					1	5	34				
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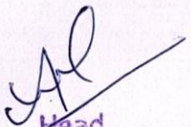
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138	199Y5A0118		5	5			5	5		2		5		5		5	3		3	5	61
139	199Y5A0120		5						5	3	4			5		5	5		3	5	42
140	199Y5A0122		5		2	5			5	2		2	2		2	2	5		3	5	49
141	199Y5A0123		5		5		5	5		3	5			5	2	2	3		3	5	64
142	199Y5A0125		5		5	5			5	4	5			5		5		5	1	5	63
143	199Y5A0127		5		5		5		5	4	5			5		5		5	2	5	65
144	199Y5A0128		5		4	5			5	3	2			4		5	2		2	5	40
145	199Y5A0130		5	4		5			2	4	5		2		3		5		1	5	40
146	199Y5A0131		5		5		3		5	3	2			5		5		5	2	5	53
147	199Y5A0132		5	5			5		5	3		5	5		5	5		3	5	5	63
148	199Y5A0133		5	5		3			5	2	2			3		4	4		2	5	40
149	199Y5A0134		5		5		5		5	4		5		5		5	5		2	5	67
150	199Y5A0135		5	5		5			5	3	2		5		5	5	5		2	5	55
151	199Y5A0136		5	3		2			5	3	3			3		3		3	3	5	44
152	199Y5A0137		5	2		2			5	3	2			5	3				2	5	43
153	199Y5A0138		5	4		5			5	3	5			5		5		5	2	5	52
154	199Y5A0140		5	5		3			5	3	3	4	3	2	3		2	2	2	5	41
155	199Y5A0141		2		5		2		3	2	3		2		2		5		2	5	39
156	199Y5A0142		5	3		3			5	3	2	3		4		4		4	2	5	36
157	199Y5A0143		5	4		4			5	3	5			4		5		4	3	5	44
158	199Y5A0144		5	5			5		5	4	5		3		3		5		3	5	66
159	199Y5A0145		5	5			5		5	4		5		5		4		2	2	5	36
160	199Y5A0146		5	5			5		5	3	3	4		3		2		2	2	5	51
161	199Y5A0147		5		4	3			5	3		4		5				5	2	5	49
162	199Y5A0148		5		4		4		5	3	4		3		3		2		1	5	42
163	199Y5A0149		5	5		2		5		2	5		4		2	3	3		3	5	53
164	199Y5A0150		5	5			4		5	3	5			5		4	5		3	5	54
165	199Y5A0151		4		5		3		5	3		5		4		3		5	3	5	52
166	199Y5A0152		5	5			5	5		3	5		2		5	5			2	5	52
167	199Y5A0153		5	5			2		5	2	5		4						2	5	45
168	199Y5A0154		5		5				5	2							2		2	5	41
169	199Y5A0155		5	5		5			5	3	5			5		5	5		2	5	61
170	199Y5A0156		5		5		5		5	2	5		2		5	5			2	5	65
171	199Y5A0157		5	4		5			5	2		3		4		3	5		3	5	57
172	199Y5A0158		5			3			5	2				5				5	3	5	45

173	199Y5A0159		5	4		5			5	3		4		5	4		5		2	5	65
174	199Y5A0160		5		5		4		5	3	5			3		3		5	2	5	57
175	199Y5A0161		5			4	3	5					3	2	1		5		2	5	50
176	199Y5A0162	5		5	5		2		5	2		4	3	3		3	3		2	5	35
177	199Y5A0165		2	3		3			5	2	2			3		5	2		2	5	28
Target marks		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	24.5
Number of Students Attempted the Question		23	157	88	84	78	54	21	153	177	61	73	36	109	33	103	75	50	177	177	171
Number of Students Achieved the target		13	140	75	75	60	37	18	133	119	39	60	24	76	18	64	53	32	64	173	162
% of the CO		56.52	89.17	85.23	89.29	76.92	68.52	85.71	86.93	67.23	63.93	82.19	66.67	69.72	54.55	62.14	70.67	64.00	36.16	97.74	94.74
Attainment Level		1	3	3	3	3	2	3	3	2	2	3	2	2	1	2	3	2	0	3	3

Mid-1 Co Attainment					Mid-2 Co Attainment				
CO1	CO2	CO3	Co4	CO5	CO1	CO2	CO3	Co4	CO5
77.0	78.2	86.3					73.1	63.6	65.6
Average of Individual COs including Objective Marks also									
Assignment					End Examination				
CO1	CO2	CO3	Co4	CO5	CO1	CO2	CO3	Co4	CO5
97.7	97.7	97.7	97.7	97.7	94.7	94.7	94.7	94.7	94.7


 Head
 Department of Civil Engineering
 K.S.R.M. College of Engineering
 (Autonomous)
 KADAPA - 516 003. (A.P.)

K.S.R.M College of Engineering (Autonomous): Kadapa

Department of Electrical & Electronics Engineering

Name of the Subject		Electronic Devices and Circuits						Regulation		R-20		Subject Code			2004204	
Semester		II						Academic Year		No. of Students on Roll			52			
Internal Target % age		50						External target % age		35						
		Mid Term - 1						Mid Term - 2								
CO'S		CO1	CO1	CO1	CO2	CO2	CO4	CO1	CO1	CO3	CO2	CO2	CO5	CO1,2,3,4,5	CO1,2,3,4,5	CO1,2,3,4,5
Question		Q1	Q2	Q3	Q4	Q5	Q6	Q1	Q2	Q3	Q4	Q5	Q6	Assignment	Quiz	End Examination
S.No	Roll Number	10	10	10	10	10	10	10	10	10	10	10	10	5	5	60
1	209Y1A0201		7	4		6			4		4	4		5	5	29
2	209Y1A0202	4	3	4		4				3	3			5	5	25
3	209Y1A0203	9		9		8			2		8	6		5	5	46
4	209Y1A0204	9			9	9		4		4			6	5	5	44
5	209Y1A0205	4		6	2	6					5	3		5	5	34
6	209Y1A0206	8			3	9		5			4		7	5	5	41
7	209Y1A0207	7		5		3					4	2		5	5	30
8	209Y1A0208	6			4	5		8				5		5	5	27
9	209Y1A0209	8			4	6		2			8	5		5	5	37
10	209Y1A0210	9		4			6	4			8			5	5	42
11	209Y1A0211	8			2	6					6	5		5	5	35
12	209Y1A0212		3	6			2		3	2			4	5	5	31
13	209Y1A0213		7		5	3		4			4	4		5	5	34
14	209Y1A0214		7			4			5	5		3		5	5	34
15	209Y1A0215	4	3	3				1		2	5		2	5	5	24
16	209Y1A0216		7	4				4			5			5	5	23
17	209Y1A0217	7			4	8		7			4	4		5	5	46
18	209Y1A0218	5		4		2			4	4		2		5	5	31

19	209Y1A0219	8			8	9				6	6		5	5	36
20	209Y1A0220	8			1			5	4				5	5	10
21	209Y1A0221		6	3		2		5			5		5	5	27
22	209Y1A0222	4			4	3			6			7	5	5	23
23	209Y1A0223	7			3		5	4		4		4	5	5	37
24	209Y1A0224				4	4		6		6		2	5	5	12
24	209Y1A0225	10			9	9		7		8		6	5	5	52
25	209Y1A0226	9		8		8		4	5		5		5	5	39
26	209Y1A0227	5			8	7		6		4	6		5	5	43
27	209Y1A0228	6			4	3		4		4			5	5	27
28	209Y1A0229	8			3	4		7		5	6		5	5	30
29	209Y1A0230	4			4	4				6	5		5	5	29
30	209Y1A0231	7			4	4		5		5		6	5	5	38
31	209Y1A0232	4						8	5				5	5	8
32	209Y1A0233	7		6		6		6		7		6	5	5	49
33	209Y1A0234	4			2	6		6					5	5	27
34	209Y1A0235		7	4	4			7		8		6	5	5	37
35	209Y1A0236	4	5	5					4	5		6	5	5	24
36	209Y1A0237	2			4	4		2		6	5		5	5	23
37	209Y1A0238		5		4	3		3		4		4	5	5	30
38	209Y1A0239		5	4		3			4	6		6	5	5	40
39	209Y1A0240								7		6		5	5	29
40	209Y1A0241	10			9	9		9		9	9		5	5	56
41	209Y1A0242	3						6		5	4		5	5	23
42	209Y1A0243	10		9			8	9		9	9		5	5	51
43	209Y1A0244	6		6		3				4	4	4	5	5	0
44	209Y1A0245												5	5	3
45	209Y1A0246	3			4	4			3	3			5	5	11

46	209Y1A0247	4			7	8		7			4		4	5	5	46					
47	209Y1A0248	6								3	4	4		5	5	22					
48	209Y1A0249	8			6	6			7		6	8		5	5	44					
49	209Y1A0250	3									5	6		5	5	0					
50	209Y1A0251	5								6	6			5	5	4					
51	209Y1A0252	7		2			7		6	6			6	5	5	47					
52	209Y1A0253	6			3	3		3		3		5		5	5	27					
Target marks		5	5	5	5	5	5	5	5	5	5	5	5	2.5	2.5	21					
Number of Students		41	12	19	28	36	6	27	12	22	33	30	13	53	53	53					
Number of Students		28	9	9	8	18	4	16	6	9	22	18	8	53	53	45					
% of the CO		68.3	75	47.4	28.6	50	66.7	59.3	50	40.9	66.7	60	61.5	100.0	100.0	84.9					
Co		CO1	CO1	CO1	CO2	CO2	CO4	CO1	CO1	CO3	CO2	CO2	CO5	CO1,2,3,4,5	CO1,2,3,4,5	CO1,2,3,4,5					
		2	3	0	0	1	2	1	1	0	2	2	2	3	3	3					
		Mid-1 Co Attainment						Mid-2 Co Attainment													
		CO's						CO's													
		CO1	63.6		Average of Individual CO'S including Objective Marks also			CO1	54.6		Average of Individual CO'S including Objective Marks also										
		CO2	39.3					CO2	63.3												
		CO3						CO3	40.9												
		CO4	66.7					CO4													
		CO5						CO5	61.5												
		Assignment						Quiz						End Examination							
		CO's						CO's						CO's							
		CO1	100.0					CO1	100.0					CO1	84.9						
		CO2	100.0					CO2	100.0					CO2	84.9						
		CO3	100.0					CO3	100.0					CO3	84.9						
		CO4	100.0					CO4	100.0					CO4	84.9						
		CO5	100.0					CO5	100.0					CO5	84.9						

Faculty Incharge

HOD

K.S.R.M College of Engineering(Autonomous): Kadapa

Department of Electrical & Electronics Engineering

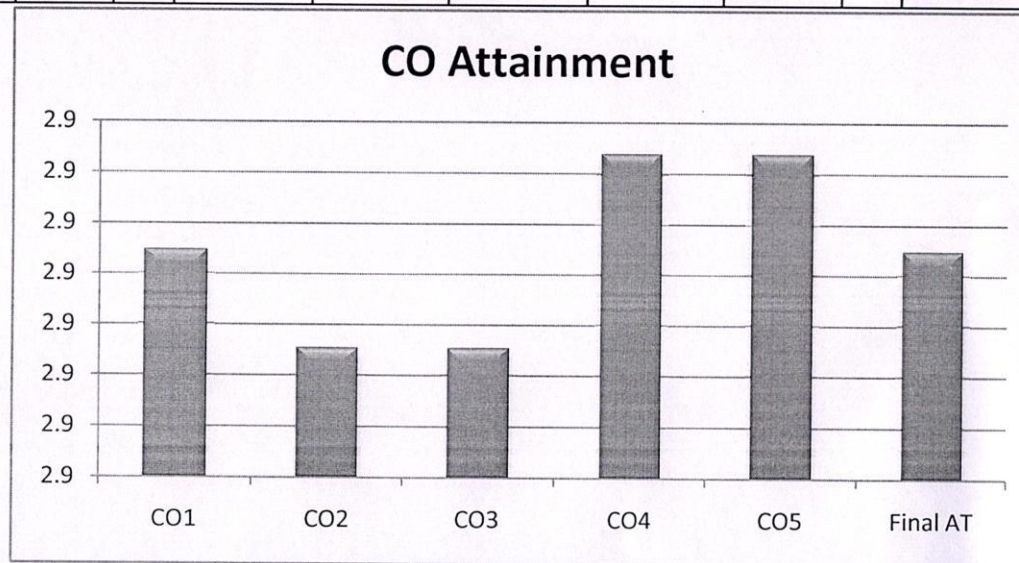
Name of the Subject		Electronic Devices and Circuits				
Subject Code		2004204				
Semester		II				
Number of Students		52				
Name of the Teaching Faculty		Dr. Kumar Reddy Cheepati				
CO'S		CO1	CO2	CO3	CO4	CO5
S.No	Roll Number					
1	209Y1A0201	High	High	High	High	High
2	209Y1A0202	High	High	High	High	High
3	209Y1A0203	Moderate	Moderate	Moderate	Moderate	Moderate
4	209Y1A0204	High	High	High	High	High
5	209Y1A0205	High	Moderate	Moderate	Moderate	Moderate
6	209Y1A0206	High	High	High	High	High
7	209Y1A0207	Low	Low	Moderate	Moderate	Moderate
8	209Y1A0208	High	High	High	High	High
9	209Y1A0209	Moderate	Moderate	Moderate	High	High
10	209Y1A0210	High	Moderate	Moderate	High	High
11	209Y1A0211	Low	Low	Moderate	Low	Low
12	209Y1A0212	High	High	High	High	High
13	209Y1A0213	High	Moderate	High	High	High
14	209Y1A0214	High	High	High	High	High
15	209Y1A0215	High	Moderate	Moderate	High	High
16	209Y1A0216	Moderate	Moderate	Moderate	High	High
17	209Y1A0217	Moderate	High	Moderate	Moderate	Moderate
18	209Y1A0218	Moderate	Moderate	Moderate	Moderate	Moderate
19	209Y1A0219	Moderate	Moderate	Moderate	High	High
20	209Y1A0220	Moderate	Moderate	Moderate	Moderate	Moderate
21	209Y1A0221	Moderate	Moderate	Moderate	Moderate	Moderate
22	209Y1A0222	High	Moderate	Low	Low	Low
23	209Y1A0223	Moderate	Moderate	Moderate	Moderate	Moderate
24	209Y1A0225	Moderate	High	Moderate	Low	Low
25	209Y1A0226	Moderate	High	Moderate	Moderate	Moderate
26	209Y1A0227	Moderate	Moderate	High	High	High
27	209Y1A0228	Moderate	High	High	High	High
28	209Y1A0229	Moderate	Moderate	Moderate	Moderate	Moderate
29	209Y1A0230	High	High	High	High	High
30	209Y1A0231	Moderate	Moderate	Low	Low	Low
31	209Y1A0232	Moderate	Moderate	Moderate	Moderate	Moderate
32	209Y1A0233	High	Moderate	High	Moderate	Moderate
33	209Y1A0234	Moderate	Moderate	Moderate	Moderate	Moderate
34	209Y1A0235	High	High	High	High	High

35	209Y1A0236	Moderate	Moderate	High	Moderate	Moderate
36	209Y1A0237	Moderate	High	Moderate	High	High
37	209Y1A0238	High	Moderate	High	High	High
38	209Y1A0239	High	High	High	High	High
39	209Y1A0240	High	High	High	High	High
40	209Y1A0241	High	High	High	Moderate	Moderate
41	209Y1A0242	Moderate	Moderate	Moderate	Moderate	Moderate
42	209Y1A0243	Moderate	Low	Low	Low	Low
43	209Y1A0244	High	Moderate	High	High	High
44	209Y1A0245	Moderate	High	Moderate	Moderate	Moderate
45	209Y1A0246	High	High	Moderate	High	High
46	209Y1A0247	High	High	High	High	High
47	209Y1A0248	High	High	High	High	High
48	209Y1A0249	Low	Moderate	Moderate	Moderate	Moderate
49	209Y1A0250	Moderate	Moderate	Moderate	Moderate	Moderate
50	209Y1A0251	High	High	High	High	High
51	209Y1A0252	Low	Moderate	Moderate	Moderate	Moderate
52	209Y1A0253	Moderate	Moderate	Moderate	Moderate	Moderate
High		24	22	22	26	26
Moderate		24	27	27	21	21
Low		4	3	3	5	5
		High	Moderate	Low		
	CO 1	24	24	4		
	CO 2	22	27	3		
	CO 3	22	27	3		
	CO 4	26	21	5		
	CO 5	26	21	5		

C. Lewis
Faculty Incharge

M. Reddy
HOD

Direct Attainment					Indirect Attainment					Final Co Attainment		
CO	Internal	External	%age	DA	CO	High	Moderate	Low	IA	CO	CO Attainment	Overall Attainment
CO1	79.5	84.9	82.8	3	CO1	24.0	24.0	4.0	2.4	CO1	2.9	2.9
CO2	84.8	84.9	84.9	3	CO2	22.0	27.0	3.0	2.4	CO2	2.9	
CO3	88.9	84.9	86.5	3	CO3	22.0	27.0	3.0	2.4	CO3	2.9	
CO4	88.9	84.9	86.5	3	CO4	26.0	21.0	5.0	2.4	CO4	2.9	
CO5	87.2	84.9	85.8	3	CO5	26.0	21.0	5.0	2.4	CO5	2.9	
										Final AT	2.9	



a. b. s. y.
Faculty Incharge

M. Reddy
HOD

**K.S.R.M College of Engineering: Kadapa
(AUTONOMOUS)**

Department of Electrical & Electronics Engineering

Name of the Subject:	IMSM	Regulation	R-20	Subject Code	2002403
Semester:	IV		2021-2022	Strength	54
Internal Target % age	50	External target % age	35	Name of the Faculty	K.Kalyan Kumar

Attainment		Condition for Internal and Assignment						Condition for External										
0		if percentage < 50 then Attainment Level = 0						if percentage < 35 then Attainment Level = 0										
1		if percentage >= 50 and < 60 then Attainment Level = 1						if percentage >= 35 and < 55 then Attainment Level = 1										
2		if percentage >= 60 and < 70 then Attainment Level = 2						if percentage >= 55 and < 75 then Attainment Level = 2										
3		if percentage >= 70 then Attainment Level=3						if percentage >= 75 then Attainment Level=3										
		Mid Term - 1						Mid Term - 2										
CO'S		CO1	CO1	CO1	CO2	CO2	CO4	CO3	CO3	CO4	CO4	CO2	CO3	CO1,2,3,4,5		CO1,2,3,4,5		CO1,2,3,4,5
Question		Q1	Q2	Q3	Q4	Q5	Q6	Q1	Q2	Q3	Q4	Q5	Q6	Assignment	Quiz	End Examination		
S.No	Roll Number	10	10	10	10	10	10	10	10	10	10	10	10	5	5	60		
1	209Y1A0201	8			6		8		8		4	5		5	5	21		
2	209Y1A0202	6			4		8		7		3	3		5	4	6		
3	209Y1A0203		9		10		9	10			9		9	5	4	44		
4	209Y1A0204		10	8		10		9			9		5	5	5	37		
5	209Y1A0205	6			4		8	6			4		4	5	5	15		
6	209Y1A0206	10			10	9			10		9		8	5	4	41		
7	209Y1A0207		9	2		6		3		3		2		5	5	21		
8	209Y1A0209	10			10		9	9			9	4		5	5	37		
9	209Y1A0210	10			10		9		10		9	3		5	5	21		
10	209Y1A0211	10			10		6	5			10		5	5	5	28		
11	209Y1A0212	4			7		6		7	5		5		3	3	26		
12	209Y1A0213	7			6		4		7		8	2		5	5	26		
13	209Y1A0214	8			5		6	9		7		3		5	3	21		
14	209Y1A0216	5			4		4	4		2		3		5	3	5		
15	209Y1A0217	10			10		9	9			8			5	4	41		
16	209Y1A0218		9		2		5		7		5	3		4	4	31		
17	209Y1A0219	10			9	9			7		7	6		5	4	33		
18	209Y1A0220	8			8		3		5		5	3		5	5	9		

19	209Y1A0221	7			4	2			3		3	3		5	4	4	
20	209Y1A0222	8			1	4			3		3			4	5	12	
21	209Y1A0223	3		3		10		5			9		9	5	4	46	
22	209Y1A0225		10		10			9	10			9	5	5	5	47	
23	209Y1A0226	9			9			10	9		8		5	5	5	33	
24	209Y1A0227		10		10	8			2	5				5	5	30	
25	209Y1A0228		8	1				5		7		6	3	5	5	1	
26	209Y1A0229	10			10	9			9			8	5	5	5	33	
27	209Y1A0230	9			5			8	8			7	5	5	5	22	
28	209Y1A0231	10			9			9		10		8	3	5	5	32	
29	209Y1A0232	8						7				8		5	5	11	
30	209Y1A0233	10		8		10			10			8		10	5	5	51
31	209Y1A0235	10			10	9			10			10	7	5	5	47	
32	209Y1A0236	9			8					7		2		3	5	4	34
33	209Y1A0237	9		8				8		7				5	5	31	
34	209Y1A0238	10		6				8	9			7		5	5	14	
35	209Y1A0239	10			10			9						5	5	36	
36	209Y1A0240	7			7						2	6		4	5	9	
37	209Y1A0241		10		10	9			10	10			10	5	5	50	
38	209Y1A0242		9			7			3	3				5	3	4	
39	209Y1A0243	10		9				9	10		10		9	5	5	55	
40	209Y1A0244		10	9				8						5	3	39	
41	209Y1A0245	7		1				7		3	3			3	3	9	
42	209Y1A0246	8		4					3					5	5	2	
43	209Y1A0247	10		2				8	7		8		5	5	5	49	
44	209Y1A0248							4			4		5	5	3	11	
45	209Y1A0249	10		2				6		6		9	4	5	5	22	
46	209Y1A0251		3					8	6					5	5	15	
47	209Y1A0252	10			9			9		8		8		5	5	41	
48	209Y1A0253		6	1				7		5		9	6	4	5	33	
49	219Y5A0201	7		4						4	3	8		5	2	10	
50	219Y5A0202		10		9	10			10			10		10	5	5	43
51	219Y5A0203	9			9			9		7	3			5	3	21	
52	219Y5A0204		9		9			3	5			5		5	5	8	

53	219Y5A0205	10			9		9	9			8	7		5	5	36
54	219Y5A0206	8			9	10		3		3				5	5	24
Target marks		5	5	5	5	5	5	5	5	5	5	5	5	2.5	2.5	21
Number of Students Attempted the Question		39	14	15	35	15	35	27	21	15	35	27	12	54	54	54
Number of Students Achieved the target		37	13	6	29	13	30	22	17	7	27	14	10	54	53	37
% of the CO		94.87	92.86	40.00	82.86	86.67	85.71	81.48	80.95	46.67	77.14	51.85	83.33	100.00	98.15	68.52
Co		CO1	CO1	CO1	CO2	CO2	CO4	CO3	CO3	CO4	CO4	CO2	CO3	CO1,2,3,4,5	CO1,2,3,4,5	CO1,2,3,4,5
		3	3	0	3	3	3	3	3	0	3	1	3	3	3	2

Mid-1 Co Attainment					Mid-2 Co Attainment				
CO's					CO's				
CO1	75.9		Average of Individual CO'S including Objective Marks also		CO1		Average of Individual CO'S including Objective Marks also		
CO2	84.8				CO2	####			
CO3					CO3	81.9			
CO4	####				CO4	61.9			

Assignment	
CO's	
CO1	100.0
CO2	100.0
CO3	100.0
CO4	100.0

Quiz	
CO's	
CO1	98.1
CO2	98.1
CO3	98.1
CO4	98.1

Mid Exam	
CO's	
CO1	68.5
CO2	68.5
CO3	68.5
CO4	68.5

**K.S.R.M College of Engineering: Kadapa
(AUTONOMOUS)**

Department of Electrical & Electronics Engineering

Name of the Subject: IMSM
Subject Code: 2002403
Regulation: R-20
Semester: IV
Number of Students: 52
Name of the Teaching Faculty: K.Kalyan Kumar

	CO'S	CO1	CO2	CO3	CO4
S.No	Roll Number				
1	209Y1A0201	High	High	High	High
2	209y1a0202	High	Moderate	Moderate	Moderate
3	209y1a0203	Moderate	Moderate	Moderate	Moderate
4	209y1a0204	High	Moderate	Moderate	Moderate
5	209y1a0205	High	High	Moderate	Moderate
6	209Y1A0206	Low	Moderate	Moderate, High	High
7	209y1a0207	High	High	Moderate	Moderate
8	209Y1A0209	High	High	High	High
9	209Y1A0211	Moderate	Moderate	Moderate	Moderate
10	209y1a0217	High	Moderate	High	High
11	209y1a0218	High	Moderate	Moderate	Low
12	209y1a0219	High	High	High	High
13	209Y1A0221	Moderate	Low, Moderate	LOW, Moderate	Low, Moderate
14	209y1a0222	High	Moderate	High	Moderate
15	209Y1A0223	Moderate	High	Moderate	Moderate
16	209y1a0225	High	High	High	High
17	209y1a0226	Moderate, High	High	High	High
18	209y1a0227	Moderate	High	Moderate	Moderate
19	209y1a0228	Moderate	High	High	High
20	209y1a0229	Moderate	Moderate	Moderate	Moderate
21	209y1a0230	High	High	High	High
22	209y1a0231	Moderate	Moderate	High	Moderate
23	209y1a0232	High	High	High	High
24	209Y1A0233	Moderate, High	Moderate, High	Moderate, High	Moderate, High
25	209Y1A0235	High	High	High	High
26	209Y1A0237	Moderate	Moderate	Moderate	Moderate
27	209Y1A0239	High	Moderate, High	Moderate, High	Moderate, High

28	209Y1A0241	Moderate, High	Moderate, High	Moderate, High	Moderate, High
29	209Y1A0243	High	High	High	High
30	209y1A0244	Moderate	High	High	High
31	209Y1A0247	High	Moderate	Moderate	Moderate
32	209y1a0251	High	High	High	High
33	209y1a0252	High	High	High	Moderate, High
34	219y5a0201	High	High	High	High
35	219y5a0202	High	High	High	High
36	219Y5A0203	High	Moderate, High	High	Moderate
37	219Y5A0204	High	Moderate	Moderate	Low
38	219y5a0205	Moderate	Low	High	Moderate
39	219Y5A0206	High	High	High	High

High	24	20	21	17
Moderate	11	13	13	15
Low	1	1	0	2

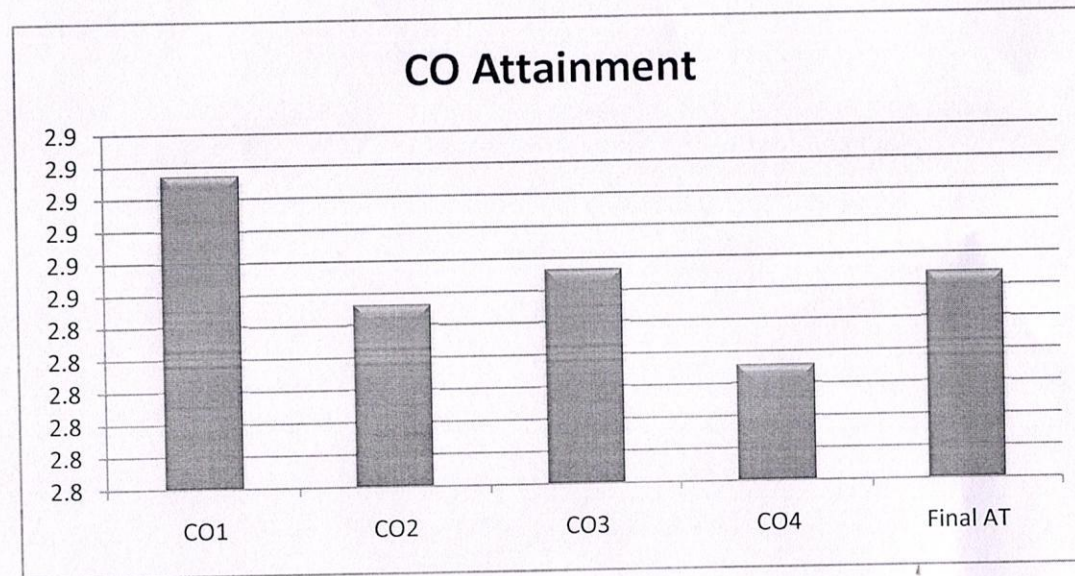
	High	Moderate	Low
Co1	24	11	1
Co2	20	13	1
Co3	21	13	0
Co4	17	15	2
Co5	#REF!	#REF!	#REF!

Direct Attainment				
CO	Internal	External	%age	DA
CO1	91.4	98.1	95.4	3
CO2	94.3	98.1	96.6	3
CO3	93.4	98.1	96.2	3
CO4	86.7	98.1	93.6	3

Indirect Attainment				
CO	High	Moderate	Low	IA
CO1	24.0	11.0	1.0	2.4
CO2	20.0	13.0	1.0	2.2
CO3	21.0	13.0	0.0	2.3
CO4	17.0	15.0	2.0	2.1

Final Co Attainment		
CO	CO Attainment	Overall Attainment
CO1	2.9	2.9
CO2	2.8	
CO3	2.9	
CO4	2.8	

Final AT 2.9



K. Kalyan Kumar
(Faculty Incharge)

M. Reddy
HOD