



Gokaraju Rangaraju Institute of Engineering and Technology

(Autonomous)

Bachupally, Kukatpally, Hyderabad – 500 090

Direct External CO Attainment

Academic Year	2020-21	Department	Civil engineering														
Year - Semester	I Yr- II Sem	Course Name :	STRUCTURAL DYNAMICS														

Part A																	
	Q.No 1 (a) Marks	Q.No 1 (b) Marks	Q.No 1 (c) Marks	Q.No 1 (d) Marks	Q.No 1 (e) Marks	Q.No 1 (f) Marks	Q.No 1 (g) Marks	Q.No 1 (h) Marks	Q.No 1 (i) Marks	Q.No 1 (j) Marks	Q.No 2 Marks	Q.No 3 Marks	Q.No 4 Marks	Q.No 5 Marks	Q.No 6 Marks	Q.No 7 Marks	Q.No 8 Marks
Enter CO Number → 1,2,3,4,5	1	1	2	2	3	3	4	4	5	5	1	1	2	2	3	3	4
Marks →	2	2	2	2	2	2	2	2	2	2	10	10	10	10	10	10	10

S.No/Roll No.	Note : Enter Marks Between Two Green rows. Another Note : Additional Columns if Required should be inserted after column H and appropriately rename the consult Departments CO-PO Incharge																
20241A2001	2	2	2	2	2	2	0	2	1	1	9		9		8	3	7
20241A2002	2	2	2	2	2	2	1	2	1	1	7		9			8	
20241A2003	2	2	2	1	1	1	1	2	1	2		3	7		7		
20241A2004	2	2	2	2	2	2	2	2	1	7	2	6				6	
20241A2005	2	2	2	2	2	2	2	2	2	2	8		8		7		
20241A2006	0	0	1	0	0	0	1	2	1	1	4		8		2		7
20241A2007	2	0	1	0	0	1	1	2	1	2	2	6	7		8	7	3
20241A2008	2	0	2	2	2	1	1	1	1	1		4				3	
20241A2009	2	2	2	0	2	2	1	2	1	1	8	8	7	2	6		9
20241A2010	1	1	2	2	2	2	1	2	1	0		4				3	8
20241A2011	0	0	0	2	1	1	0	1	1	1		8			8		9
20241A2012	2	2	2	0	1	1	0	1	2	1	2	4	6	8		5	6
20241A2013	0	2	0	0	1	1	1	2	2	2	2	4					7
20241A2014	2	2	2	2	2	2	2	2	1	2	5		9		8		
20241A2015	2	1	0	0	1	1	0	1	1	1		6	2		2		
20241A2016	1	1	1	2	2	2	1	2	1	1	9			2	2		4
20241A2017	1	0	2	0	1	1	0	2	2	2	3		6		7	2	
20241A2018	1	2	2	2	2	1	1	2	1	2	7	1	5	1	6	7	2
20241A2019	2	2	2	2	2	2	2	2	2	2	9		9			9	8
20241A2020	1	1	2	2	2	2	2	2	2	1					8		
20241A2021	2	2	2	2	1	1	1	2	1	0	2		8		7	8	
20241A2022	0	1	1	1	1	1	1	1	1	1	2				4	3	
20241A2023	0	1	1	2	1	1	1	2	1	2	1	3	6		4	2	1
20241A2024	2	1	2	1	2	2	2	2	2	2	3				7		
20241A2025	0	1	2	2	2	1	1	2	1	1		9				4	
20241A2026	2	2	2	2	2	2	2	2	2	2		9	9			9	
20241A2027	2	2	2	2	2	2	2	2	2	2			6		8	7	
20241A2028	2	2	2	2	2	2	1	2	2	2	6				8		

if your class strength is > 60 then insert rows above the green row , Similarly delete the empty rows above green row if the class strength is < 60)

Total number of students appeared for the examination (NST)	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
Total number of students attempted the question (NSA)	28	28	28	28	28	28	28	28	28	28	20	13	19	4	19	16	12
Attempt % (TAP) = (NSA/NST)*100	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	71.43	46.43	67.86	14.29	67.86	57.14	42.86
Total number of Students who got more than 60% marks (NSM)	22	23	25	21	26	27	23	28	28	26	9	5	17	1	14	8	8
Attainment % (TMP) = (NSM/NSA)*100	78.57	82.14	89.29	75.00	92.86	96.43	82.14	100.00	100.00	92.86	45.00	38.46	89.47	25.00	73.68	50.00	66.67
Score(S)	3	3	3	3	3	3	3	3	3	3	1	1	3	0	3	2	3

CO attainment is considered zero if the attempt % is less than 30%

CO Validation	1	1	2	2	3	3	4	4	5	5	1	1	2	2	3	3	4
Course Outcome	CO1	CO1	CO2	CO2	CO3	CO3	CO4	CO4	CO5	CO5	CO1	CO1	CO2	CO2	CO3	CO3	CO4
Marks (Y)	2	2	2	2	2	2	2	2	2	10	10	10	10	10	10	10	10
No. of COs Shared (Z)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Y/Z	2	2	2	2	2	2	2	2	2	10	10	10	10	10	10	10	10
S*Y/Z	6	6	6	6	6	6	6	6	6	30	10	10	30	0	30	20	30

CO1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
CO2	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
CO3	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0
CO4	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
CO5	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
CO6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CO7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Weighted Average for Attainment relevance	CO1	CO2	CO3	CO4	CO5		
	1.33	1.75	2.58	3.00	2.06		

!! Caution !! For CO Values < 2.1 should be justified with Remedial Action Report.

	Name of the Programme	
	Course Code	
	Part B	
Q.No 9 Marks	Q.No 10 Marks	Q.No 11 Marks
4	5	5
10	10	10

Q. Nos. For Calculations

		9
9		9
8		8
7		7
7		9
	3	3
8	3	7
4		7
		7
		7
		7
7		5
7		6
9		8
7		5
8		5
7		7
		4
7		7
8		7
9		6
7		7
6		7
9		5
7		6
10		10
9		9
9		7

28	28	28
12	22	2
42.86	78.57	7.14
21	0	22
175.00	0.00	1100.00
3	0	3

4	5	5
CO4	CO5	CO5
10	10	10
1	1	1
10	10	10
30	0	30

0	0	0
0	0	0
0	0	0
1	0	0
0	1	1
0	0	0
0	0	0