

R K College of Engineering
Department of Civil Engineering

CO - PO Attainments for GIT, 4th Year, 1st Semester, Academic Year 2023-24

Internal marks			Mid Exam - 1		Total	Online - 1		Mid Exam - 2		Total	Online - 2		Assignments					Average	Total		
Sl. No.	Reg. No.	Student Name	1	2	3		1		2	3		1		2	3	4	5		30 Marks		
			CO1	CO2	CO3		CO1,CO2,CO3		CO3	CO4	CO5		CO3,CO4,CO5		CO1	CO2	CO3	CO4		CO5	
			5	5	5	15		10	5	5	5	15		10	5	5	5	5		5	5
1	20MC1A0101	BOMMIDI SIVA KUMAR	0	0	0	0	5	0	0	0	0	4	5	5	5	5	5	5	10		
2	20MC1A0102	GANDHAM JASWANTH	5	5	4	14	3	4	4	5	13	4	5	5	5	5	5	5	22		
3	20MC1A0103	KALIVELA THIMOTHI	5	5	3	13	3	4	4	5	13	3	5	5	5	5	5	5	21		
4	20MC1A0104	NAIDU SAMYELU RAJU	0	0	0	0	5	0	0	0	0	2	5	5	5	5	5	5	9		
5	20MC1A0105	PRAGADA MOHAN KRISHNA	0	0	0	0	7	4	4	1	9	3	5	5	5	5	5	5	15		
6	20MC1A0106	PEGADA MANI KUMAR	0	0	0	0	7	5	5	1	11	4	5	5	5	5	5	5	16		
7	20MC1A0107	TIRUMALASETTI VENKATA AKARSH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8	21MC5A0103	KAKKIRALA NANGALYA PRAVALIKA	5	5	5	15	5	5	5	5	15	3	5	5	5	5	5	5	24		
9	21MC5A0105	MACHAKANTI RAVI KUMAR	5	5	3	13	3	4	5	4	13	1	5	5	5	5	5	5	20		
10	21MC5A0106	PAMMI VAHITHA	5	5	3	13	2	5	5	3	13	4	5	5	5	5	5	5	21		
11	21MC5A0107	PANGULURI SATYANARAYANA SARMA	4	4	3	11	0	4	4	4	12	0	5	5	5	5	5	5	17		




 PRINCIPAL
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 Kethanakonda (V), Ibrahimpatnam (M),
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CO - PO Attainments for GIT, 4th Year, 1st Semester, Academic Year 2023-24

Sl.	Reg. No.	Name	CO1			CO2			CO3			CO4			CO5		
			M	S	P	M	S	P	M	S	P	M	S	P	M	S	P
1	20MC1A0101	BOMMIDI SIVA KUMAR	20	10	50%	20	10	50%	35	14	40%	20	9	45%	20	9	45%
2	20MC1A0102	GANDHAM JASWANTH	20	13	65%	20	13	65%	35	20	57%	20	13	65%	20	14	70%
3	20MC1A0103	KALIVELA THIMOTHI	20	13	65%	20	13	65%	35	18	51%	20	12	60%	20	13	65%
4	20MC1A0104	NAIDU SAMYELU RAJU	20	10	50%	20	10	50%	35	12	34%	20	7	35%	20	7	35%
5	20MC1A0105	PRAGADA MOHAN KRISHNA	20	12	60%	20	12	60%	35	19	54%	20	12	60%	20	9	45%
6	20MC1A0106	PEGADA MANI KUMAR	20	12	60%	20	12	60%	35	21	60%	20	14	70%	20	10	50%
7	20MC1A0107	TIRUMALASETTI VENKATA AKARSH	20	0	0%	20	0	0%	35	0	0%	20	0	0%	20	0	0%
8	21MC5A0103	KAKKIRALA NANGALYA PRAVALLIKA	20	15	75%	20	15	75%	35	23	66%	20	13	65%	20	13	65%
9	21MC5A0105	MACHAKANTI RAVI KUMAR	20	13	65%	20	13	65%	35	16	46%	20	11	55%	20	10	50%
10	21MC5A0106	PAMMI VAHITHA	20	12	60%	20	12	60%	35	19	54%	20	14	70%	20	12	60%
11	21MC5A0107	PANGULURI SATYANARAYANA SARMA	20	9	45%	20	9	45%	35	12	34%	20	9	45%	20	9	45%

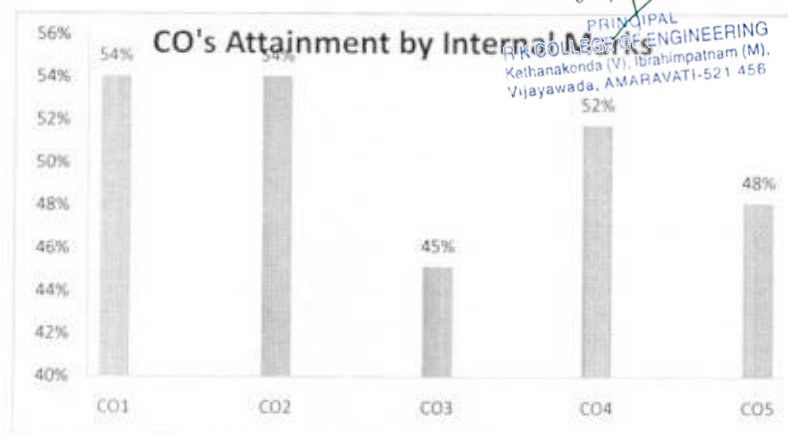
CO1
54%

CO2
54%

CO3
45%

CO4
52%

CO5
48%



R K College of Engineering
Department of Civil Engineering

CO - PO Attainments for GIT, 4th Year, 1st Semester, Academic Year 2023-24

Sl. #	Reg. No.	Student Name	CO1					CO2					CO3					CO4					CO5					Grade	Level
			Internal	SEE				FINAL	Internal	SEE				FINAL	Internal	SEE				FINAL	Internal	SEE				FINAL			
			P	M	S	P	CO	P	M	S	P	CO	P	M	S	P	CO	P	M	S	P	CO	P	M	S	P	CO		
1	20MC1A0101	BOMMIDI SIVA KUMAR	50%	10	7	70%	62%	50%	10	7	70%	62%	40%	10	7	70%	58%	45%	10	7	70%	60%	45%	10	7	70%	60%	C	7
2	20MC1A0102	GANDHAM JASWANTH	65%	10	8	80%	74%	65%	10	8	80%	74%	57%	10	8	80%	71%	65%	10	8	80%	74%	70%	10	8	80%	76%	B	8
3	20MC1A0103	KALIVELA THIMOTHI	65%	10	8	80%	74%	65%	10	8	80%	74%	51%	10	8	80%	69%	60%	10	8	80%	72%	65%	10	8	80%	74%	B	8
4	20MC1A0104	NAIDU SAMYELU RAJU	50%	10	0	0%	20%	50%	10	0	0%	20%	34%	10	0	0%	14%	35%	10	0	0%	14%	35%	10	0	0%	14%	AB	0
5	20MC1A0105	PRAGADA MOHAN KRISHNA	60%	10	6	60%	60%	60%	10	6	60%	60%	54%	10	6	60%	58%	60%	10	6	60%	60%	45%	10	6	60%	54%	D	6
6	20MC1A0106	PEGADA MANI KUMAR	60%	10	7	70%	66%	60%	10	7	70%	66%	60%	10	7	70%	66%	70%	10	7	70%	70%	50%	10	7	70%	62%	C	7
7	20MC1A0107	TIRUMALASETTI VENKATA AKARSH	0%	10	0	0%	0%	0%	10	0	0%	0%	0%	10	0	0%	0%	0%	10	0	0%	0%	0%	10	0	0%	0%	AB	0
8	21MCSA0103	KAKKIRALA NANGALYA PRAVALLIKA	75%	10	8	80%	78%	75%	10	8	80%	78%	66%	10	8	80%	74%	65%	10	8	80%	74%	65%	10	8	80%	74%	B	8
9	21MCSA0105	MACHAKANTI RAVI KUMAR	65%	10	7	70%	68%	65%	10	7	70%	68%	46%	10	7	70%	60%	55%	10	7	70%	64%	50%	10	7	70%	62%	C	7
10	21MCSA0106	PAMMI VAHITHA	60%	10	7	70%	66%	60%	10	7	70%	66%	54%	10	7	70%	64%	70%	10	7	70%	70%	60%	10	7	70%	66%	C	7
11	21MCSA0107	PANGULURI SATYANARAYANA SARMA	45%	10	0	0%	18%	45%	10	0	0%	18%	34%	10	0	0%	14%	45%	10	0	0%	18%	45%	10	0	0%	18%	AB	0




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CO1
40%

CO2
40%

CO3
36%

CO4
39%

CO5
39%

6. GRADING SYSTEM

Marks Range Theory (Max - 100)	Marks Range Lab (Max - 50)	Level	Letter Grade	GradePoint
≥ 90	≥ 45	Outstanding	A+	10
80 to < 90	40 to < 45	Excellent	A	9
70 to < 80	35 to < 40	Very Good	B	8
60 to < 70	30 to < 35	Good	C	7
50 to < 60	25 to < 30	Fair	D	6
40 to < 50	20 to < 25	Satisfactory	E	5
< 40	< 20	Fail	F	0
-	-	Absent	AB	0

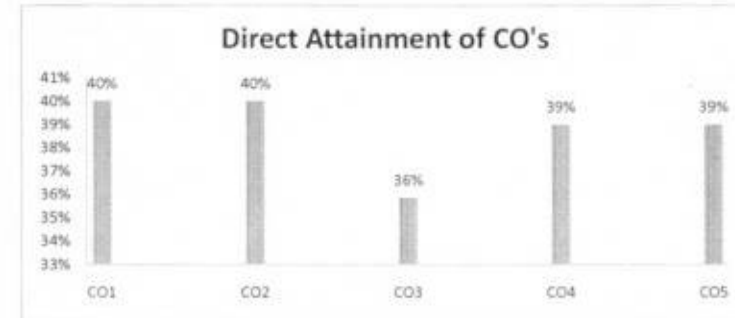
P: PERCENTAGE

M: MAX MARKS

CIE : Continuous Internal Evaluation

S: MARKS SCORED BY THE STUDENT

SEE: Semester End Examination



[Signature]
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R K College of Engineering
Department of Civil Engineering

CO - PO Attainments for GIT, 4th Year, 1st Semester, Academic Year 2023-24

Sl. #	Reg. No.	MAX Each CO is 10	CO1		CO2		CO3		CO4		CO5	
		NAME	S	P	S	P	S	P	S	P	S	P
1	20MC1A0101	BOMMIDI SIVA KUMAR	10	100%	10	100%	10	100%	10	100%	10	100%
2	20MC1A0102	GANDHAM JASWANTH	9	90%	9	90%	9	90%	10	100%	10	100%
3	20MC1A0103	KALIVELA THIMOTHI	8	80%	8	80%	10	100%	8	80%	8	80%
4	20MC1A0104	NAIDU SAMYELU RAJU	9	90%	10	100%	8	80%	8	80%	8	80%
5	20MC1A0105	PRAGADA MOHAN KRISHNA	8	80%	9	90%	10	100%	10	100%	10	100%
6	20MC1A0106	PEGADA MANI KUMAR	8	80%	10	100%	9	90%	8	80%	8	80%
7	20MC1A0107	TIRUMALASETTI VENKATA AKARSH	9	90%	9	90%	10	100%	10	100%	8	80%
8	21MC5A0103	KAKKIRALA NANGALYA PRAVALLIKA	10	100%	10	100%	8	80%	10	100%	10	100%
9	21MC5A0105	MACHAKANTI RAVI KUMAR	8	80%	9	90%	8	80%	8	80%	8	80%
10	21MC5A0106	PAMMI VAHITHA	9	90%	8	80%	10	100%	8	80%	8	80%
11	21MC5A0107	PANGULURI SATYANARAYANA SARM	9	90%	8	80%	8	80%	6	60%	6	60%




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M: MAX MARKS

S: MARKS SCORED BY THE STUDENT

P: PERCENTAGE

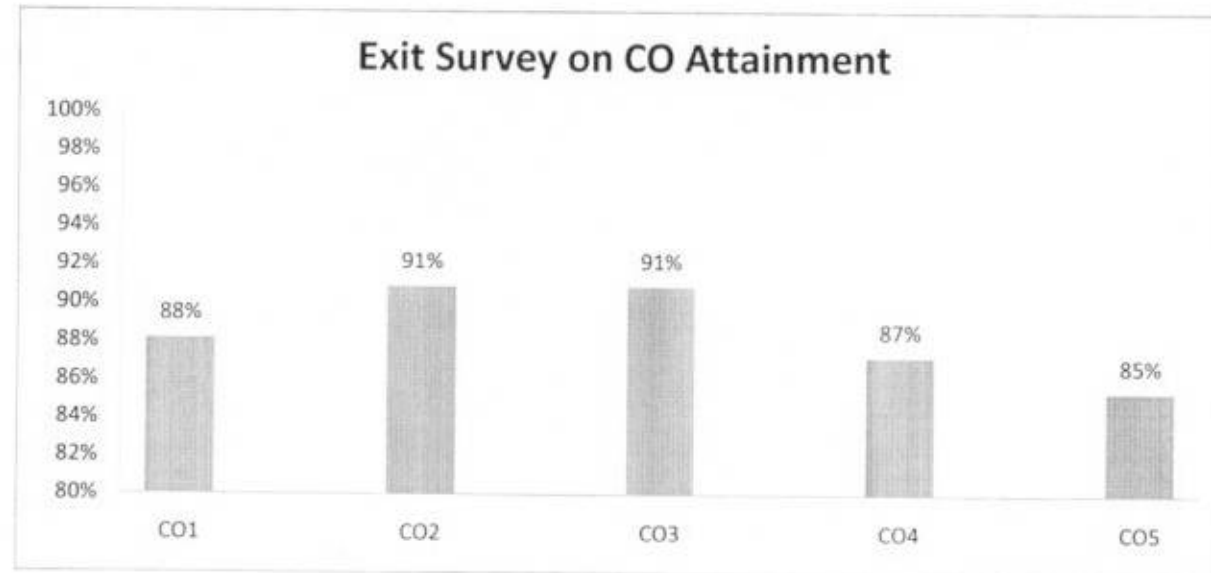
CO1
88%

CO2
91%

CO3
91%

CO4
87%

CO5
85%




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CO - PO Attainments for GIT, 4th Year, 1st Semester, Academic Year 2023-24

SL #	Reg. No.	NAME	CO1			CO2			CO3			CO4			CO5			AVG
			DA	IDA	FCOA	DA	IDA	FCOA	DA	IDA	FCOA	DA	IDA	FCOA	DA	IDA	FCOA	
1	20MC1A0101	BOMMIDI SIVA KUMAR	62%	100%	66%	62%	100%	66%	58%	100%	62%	60%	100%	64%	60%	100%	64%	64%
2	20MC1A0102	GANDHAM JASWANTH	74%	90%	76%	74%	90%	76%	71%	90%	73%	74%	100%	77%	76%	100%	78%	76%
3	20MC1A0103	KALIVELA THIMOTHI	74%	80%	75%	74%	80%	75%	69%	100%	72%	72%	80%	73%	74%	80%	75%	74%
4	20MC1A0104	NAIDU SAMYELU RAJU	20%	90%	27%	20%	100%	20%	14%	80%	20%	14%	80%	21%	14%	80%	21%	23%
5	20MC1A0105	PRAGADA MOHAN KRISHNA	60%	80%	62%	60%	90%	63%	58%	100%	62%	60%	100%	64%	54%	100%	59%	62%
6	20MC1A0106	PEGADA MANI KUMAR	66%	80%	67%	66%	100%	69%	66%	90%	68%	70%	80%	71%	62%	80%	64%	68%
7	20MC1A0107	TIRUMALASETTI VENKATA AKAR	0%	90%	9%	0%	90%	9%	0%	100%	10%	0%	100%	10%	0%	80%	8%	9%
8	21MCSA0103	KAKKIRALA NANGALYA PRAVALU	78%	100%	80%	78%	100%	80%	74%	80%	75%	74%	100%	77%	74%	100%	77%	78%
9	21MCSA0105	MACHAKANTI RAVI KUMAR	68%	80%	69%	68%	90%	70%	60%	80%	62%	64%	80%	66%	62%	80%	64%	66%
10	21MCSA0106	PAMMI VAHITHA	66%	90%	68%	66%	80%	67%	64%	100%	67%	70%	80%	71%	66%	80%	67%	68%
11	21MCSA0107	PANGULURI SATYANARAYANA SAI	18%	90%	25%	18%	80%	24%	14%	80%	20%	18%	60%	22%	18%	60%	22%	23%

CO1
57%

CO2
57%

CO3
54%

CO4
56%

CO5
54%

DA: DIRECT ATTAINMENT
IDA: INDIRECT ATTAINMENT

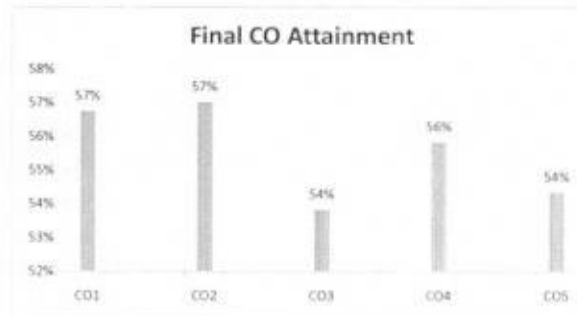
FCOA: FINAL CO ATTAINMENT
FCOA = 90% of DA + 10 % of IDA

YES
NO

TARGET of 50% ACHIEVED (Y/N)						TOTAL ACHIEVED
CO1	CO2	CO3	CO4	CO5		
Y	Y	Y	Y	Y		5
Y	Y	Y	Y	Y		5
Y	Y	Y	Y	Y		5
N	N	N	N	N		0
Y	Y	Y	Y	Y		5
Y	Y	Y	Y	Y		5
N	N	N	N	N		0
Y	Y	Y	Y	Y		5
Y	Y	Y	Y	Y		5
Y	Y	Y	Y	Y		5
N	N	N	N	N		0

8 8 8 8 8
3 3 3 3 3
4.00 4.00 4.00 4.00 4.00

8	5 CO's
0	4 CO's
0	3 CO's
0	2 CO's
0	1 CO's
3	0 CO's



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Engineering Knowledge	Problem Analysis	Design/development of solutions	Conduct investigations of complex problems	Modern tool usage	The engineer and society	Environment and sustainability	Ethics	Individual and team work	Communication	Project management and finance	Life-long learning
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CO-PO CORELATION MATRIX

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	1	1		1						1
CO2	3	2	2	2		1						1
CO3	3	2	2	2		1						1
CO4	3	2	1	1		1						1
CO5	3	2	1	1		1						1
Average	3	2	1.4	1.4		1						1

Subject Mechatronics

Sl. No	Course Outcomes											Blooms Taxonomy level
CO 1	By the end of the course, the student should be able to possess the knowledge of various methods of ground improvement and											4
CO 2	The student should be able to design a reinforced earth embankment and check its stability											2
CO 3	The student should be able to understand the various applications of Geo synthetics and their applications in Civil Engineering practice											5
CO 4	The student should be able to understand the concepts and applications of grouting											4
CO 5	The students should be able to understand the concept and applications of geo synthetics.											6



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R K College of Engineering
Department of Civil Engineering
CO - PO Attainment for GE7 - 4th Year, 3rd Semester, Academic Year 2023-24

PERFORMANCE AND LEVEL

Sl. #	Reg. No.	NAME	REG. CO		PO1			PO2			PO3			PO4		
			Attainment	Map Str	Attainment	Level	Map Str	Attainment	Level	Map Str	Attainment	Level	Map Str	Attainment	Level	Map Str
1	2080100101	BHIMENDRA KUMAR	84%	3	84%	3.53	3	83%	3.46	3.4	86%	3.42	3	113%	3.21	3
2	2080100102	GAURAVAN SARWANTH	76%	3	76%	2.77	2	51%	1.65	1.8	55%	1.54	1	25%	0.75	1
3	2080100103	KALYANA THIMOTH	74%	3	74%	2.71	2	49%	1.58	1.8	54%	1.48	1	25%	0.75	1
4	2080100104	NAJIB SARIYUDDIN RAO	73%	3	73%	2.70	2	40%	1.31	1.8	43%	1.31	1	8%	0.08	1
5	2080100105	PRASADA MOHAN KRISHNA	62%	2	62%	1.86	2	41%	1.63	1.8	29%	0.88	1	23%	0.71	1
6	2080100106	PRASAD SURESH KUMAR	60%	1	60%	1.04	1	47%	1.91	1.8	33%	0.88	1	23%	0.71	1
7	2080100107	THIRUMALAN TIYERAKAVALA	55%	1	55%	0.88	1	43%	1.32	1.8	4%	0.08	1	4%	0.08	1
8	2180100108	RAJENDRA KUMAR SURESH	70%	3	70%	2.43	2	52%	1.04	1.8	36%	0.71	1	23%	0.71	1
9	2180100109	MATHANAND KARTHIKA	60%	2	60%	1.09	2	44%	0.88	1.8	31%	0.83	1	23%	0.71	1
10	2180100110	PABHU VARITHA	60%	2	60%	1.05	2	40%	0.91	1.8	32%	0.83	1	23%	0.71	1
11	2180100111	THIRUPATI SATHYANARAYANA	23%	1	23%	0.68	1	31%	0.88	1.8	13%	0.31	1	4%	0.08	1

Attainment	Level
Less than 60%	1 Low
Less than 80% and Greater than 60%	2 Medium
Greater than 80%	3 High



Source: unclassified PO Columns



Principal
R K College of Engineering
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