



Dr.T.Thimmaiah Institute of Technology

Oorgaam, K.G.F-563120

SEM	V
Subject	Construction Management and En
Batch	2020-2021

Name of the faculty	Praveen K
Subject code:	18CV51
Total Students	17

CO'S	Description
CO1	Understand the construction management process
CO2	Understand and solve variety of issues that are encountered by every professional in discharging professional duties.
CO3	Understand the influence of economy on construction projects
CO4	Understand the concept of entrepreneurial evolution and business planning
CO5	
CO6	

Grading Scale	Level
Score < 40	0
Score 40 to 45	1
Score 45 to 50	2
Score > 50	3

Target Percentage	50
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CO's	T1	T2	T3	A	T	Q	Total Marks	External Marks
CO1	40						24	60
CO2	10	20		30			28	
CO3		30	20		30		40	
CO4			30			30	28	
CO5							0	
CO6							0	

Sl No	USN	Students Name	CO Marks in Tests												Attainment of CO's												VTU	
			Test 1			A	Test 2			T	Test 3			Q	CO1		CO2		CO3		CO4		CO5		CO6		All CO	
			CO1	CO1	CO2	CO2	CO2	CO3	CO3	CO3	CO3	CO4	CO4	CO4	M	%	M	%	M	%	M	%	M	%	M	%	M	%
1	1GV17CV009	ABHILASH G	17	20	10	30	10	10	0	30	10	11	10	30	####	###	22	79	22	55	23	81	0	###	0	###	52	87
2	1GV17CV025	VARUN G	20	20	10	30	10	10	0	30	10	11	0	30	####	###	22	79	22	55	17	59	0	###	0	###	24	40
3	1GV18CV001	CHANDANA J	20	20	10	30	20	20	10	30	20	20	10	30	####	###	28	100	40	100	28	100	0	###	0	###	32	53
4	1GV18CV002	HAJIRA NIGAR C	20	20	10	30	20	20	10	30	20	20	10	30	22	93	28	100	40	100	28	100	0	###	0	###	30	50
5	1GV18CV003	HEMANTH K L	17	20	10	30	17	20	10	30	10	10	8	30	24	100	26	94	34	85	21	74	0	###	0	###	12	20
6	1GV18CV004	MOHAMMED ASJAD	20	20	10	30	20	20	10	30	20	20	10	30	24	100	28	100	40	100	28	100	0	###	0	###	37	62
7	1GV18CV006	RAHUL S D	20	20	10	30	20	20	10	30	20	20	10	30	24	100	28	100	40	100	28	100	0	###	0	###	16	27
8	1GV18CV007	RINUSHA R	20	20	10	30	20	20	10	30	20	20	10	30	22	93	28	100	40	100	28	100	0	###	0	###	21	35
9	1GV18CV009	SOPANNA MUSALAPP	20	20	10	30	20	20	10	30	20	20	10	30	24	100	28	100	40	100	28	100	0	###	0	###	31	52
10	1GV18CV001	SWAROPANANADA N	20	20	10	30	20	20	10	30	20	20	10	30	24	100	28	100	40	100	28	100	0	###	0	###	30	50
11	1GV18CV011	JAYANTH M	15	10	10	30	10	10	10	30	10	10	10	30	24	100	28	100	40	100	28	100	0	###	0	###	27	45
12	1GV19CV400	DINESH KUMAR V	20	20	10	30	20	20	10	30	20	20	10	30	24	100	27	98	40	100	28	100	0	###	0	###	42	70
13	1GV19CV401	JOHN DRAVID R	16	20		30	19	20	10	30	20	20	10	30	18	75	22	79	34	85	16	57	0	###	0	###	21	35
14	1GV19CV402	PRABAGARAN D	15	10	10	30	20	20	10	30	10	10		30	24	100	28	100	40	100	28	100	0	###	0	###	0	0
15	1GV19CV403	SANDEEP K	20	20	10	30	20	20	4	30	20	20	10	30	15	63	22	79	30	76	10	36	0	###	0	###	12	20
16	1GV19CV404	SHOBHACHALA ADITH	10	9	10	30	10	10	10	30	20	0	0	30	21	88	28	100	40	100	28	100	0	###	0	###	21	35
17	1GV19CV406	SUSHMA C D	20	20	10	30	20	20	10	30	20	20	10	30	####	###	###	###	###	###	###	###	0	###	0	###	39	65
															CO1	13	CO2	16	CO3	16	CO4	15	CO5	0	CO6	0	VTU	8

TARGET is 50% marks
Attainment level 1: 40% students scoring more than 50% marks
Attainment level 2: 45% students scoring more than 50% marks
Attainment level 3: 50% students scoring more than 50% marks

PERCENTAGE OF STUDENTS SCORING > 50% of Marks (For Internal Assessment)						
CO'S	CO1	CO2	CO3	CO4	CO5	CO6
Number of Students Scored above 50% of Marks	13	16	16	15	0	0
Number of Students attempted the test	17	17	17	17	17	17
% OF STUDENTS	76.47	94.12	94.12	88.24		
Attainment Level	3	3	3	3		

PERCENTAGE OF STUDENTS SCORING > 50% of Marks (For University Examination)	
Number of Students Scored above 50% of Marks	8
Number of Students attempted the Examination	17
% OF STUDENTS	47.05882353
Attainment Level	2

Calculation for CO attainment by direct assessment (40% weightage for IA & 60% SEE marks)	Attainment
CO1	0.59
CO2	0.66
CO3	0.66
CO4	0.64
CO5	
CO6	

CO attainment using Course survey	
CO1	0.8
CO2	0.85
CO3	0.87
CO4	0.9
CO5	
CO6	

Overall CO attainment (80% weightage for direct & 20% for indirect attainment)	
CO1	0.631
CO2	0.697
CO3	0.701
CO4	0.688
CO5	
CO6	

PO MAPPING

CO'S	1	2	3	4	5	6	7	8	9	10	11	12
CO1	2				1	1			1	1	2	1
CO2	1					2	1	3			1	1
CO3	1				1		1				2	1
CO4									3	1	1	1
CO5												
CO6												
Total	4	0	0	0	2	3	2	3	4	2	6	4
PO AVERAGE	1.33				1.00	1.50	1.00	3.00	2.00	1.00	1.50	1.00

PSO MAPPING

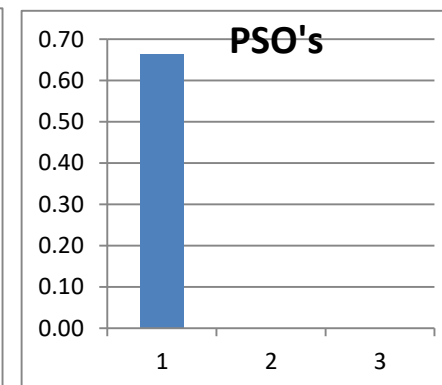
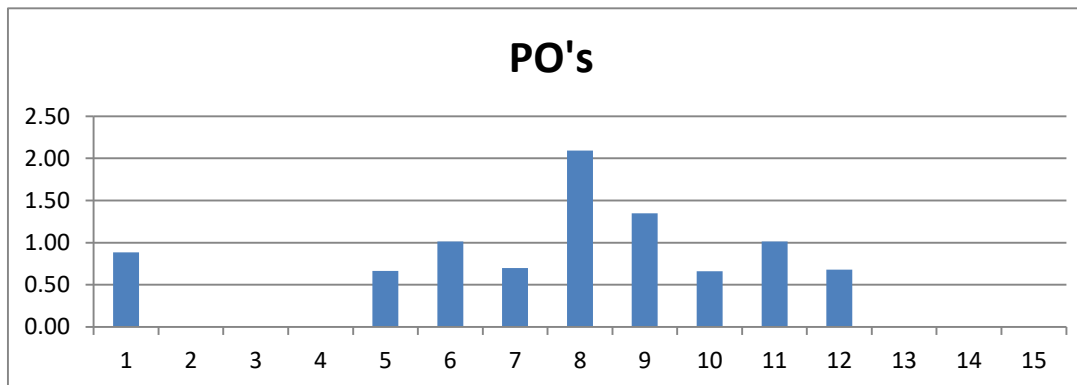
CO'S	1	2	3
CO1	1		
CO2	1		
CO3			
CO4			
CO5			
CO6			
Total	2	0	0
PSO AVERAGE	1.00		

ATTAINMENT

CO'S	1	2	3	4	5	6	7	8	9	10	11	12
CO1	1.26				0.63	0.63			0.63	0.63	1.26	0.63
CO2	0.70					1.39	0.70	2.09			0.70	0.70
CO3	0.70				0.70		0.70				1.40	0.70
CO4									2.06	0.69	0.69	0.69
CO5												
CO6												
PO AVERAGE	0.89				0.67	1.01	0.70	2.09	1.35	0.66	1.01	0.68

ATTAINMENT

CO'S	1	2	3
CO1	0.63		
CO2	0.70		
CO3			
CO4			
CO5			
CO6			
PSO AVERAGE	0.66		



Prepared by
Dr. P D Sudersanan, Dr.TTIT, K.G.F.



Dr.T.Thimmaiah Institute of Technology

Oorgaam, K.G.F-563120

SEM	III
Department	Civil
Course	Engineering Geology
Academic Year	2020-21

Course Instructor	Dr. K Ramesh
Designation	Professor
Course code	18CV36
Total Students	19

CO'S	Description
CO1	Apply geological knowledge in different civil engineering practice
CO2	Students will acquire knowledge on durability and competence of foundation rocks and confidence enough to use the building materials
CO3	Civil Engineers are competent enough for the safety, stability, economy and life of the structures that they construct
CO4	Able to solve various issues related to ground water exploration, build up dams, bridges, tunnels which are often confronted with ground water problems
CO5	Intelligent enough to apply GIS, GPS and remote sensing as a latest tool in different civil engineering construction
CO6	

Grading Scale	Level
Score < 40	0
Score 40 to < 45	1
Score 45 to < 50	2
Score > 50	3

Target Percentage	50
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CO's	T1	T2	T3	A	T	Q	Total Marks	External Marks
CO1	50				30		40	60
CO2		30					18	
CO3		20		30			22	
CO4			40				24	
CO5			10			30	16	
CO6							0	

Sl No	USN	Students Name	CO Marks in Tests											
			Test 1			T	Test 2			A	Test 3			Q
			CO1	CO4	CO4	CO1	CO2	CO3	CO2	CO3	CO4	CO5	CO4	CO5
1	1GV17CV001	ABHILASH	48			30	30	18		30	28	10		30
2	1GV18CV021	SHARAN G C	43			30	25	20		30	32	10		30
3	1GV19CV001	ANUPRIYA C	47			30	27	20		30	36	10		30
4	1GV19CV002	BHASKAR V	47			30	22	10		30	30	5		30
5	1GV19CV003	BHOOMIKA R	47			30	25	20		30	30	6		30
6	1GV19CV004	DHANUSH M	48			30	28	20		30	34	7		30
7	1GV19CV005	DHANUSH S K	48			30	28	20		30	26	5		30
8	1GV19CV007	GOKUL J	48			30	28	20		30	34	7		30
9	1GV19CV008	KUSUMANJALI D	48			30	22	20		30	40	10		30
10	1GV19CV009	MOHAMMED DANISH	27			30	16	10		30	22	5		30
11	1GV19CV010	MOHAMMED FAIZAN	25			30	30	2		30	26	5		30
12	1GV19CV011	MOHAMMED JUNAID	33			30	22	10		30	26	5		30
13	1GV19CV012	MORRIS ROHITRAJ A	43			30	21	20		30	26	5		30
14	1GV19CV013	SARASWATHI BAI R	48			30	25	20		30	38	10		30
15	1GV19CV014	STED KOSHAN ZAMEER	47			30	28	20		30	26	5		30
16	1GV19CV017	VARSHINI K	48			30	22	20		30	40	4		30
17	1GV19CV018	TALAMANCHILI THULASRAM	18			30	15	4		30	12	6		30
18	1GV20CV400	MUZAMMIL AHMED BAI	47			30	24	20		30	28	5		30
19	1GV20CV401	SHASHI KUMAR M	47			30	25	20		30	40	6		30

Attainment of CO's													VTU	
CO1		CO2		CO3		CO4		CO5		CO6		All CO		
M	%	M	%	M	%	M	%	M	%	M	%	M	%	
39	97	18	100	21	96	17	70	16	100	0	###	24	40	
36	90	15	85	22	101	19	80	16	100	0	###	21	35	
38	95	16	90	22	101	22	90	16	100	0	###	31	52	
38	95	13	75	16	73	18	75	13	81	0	###	24	40	
38	95	15	85	22	101	18	75	14	85	0	###	24	40	
39	97	17	95	22	101	20	85	14	89	0	###	40	67	
39	97	17	95	22	101	16	65	13	81	0	###	21	35	
39	97	17	95	22	101	20	85	14	89	0	###	27	45	
39	97	13	75	22	101	24	100	16	100	0	###	21	35	
26	65	10	55	16	73	13	55	13	81	0	###	3	5	
25	62	18	100	11	51	16	65	13	81	0	###	12	20	
30	75	13	75	16	73	16	65	13	81	0	###	3	5	
36	90	13	70	22	101	16	65	13	81	0	###	21	35	
39	97	15	85	22	101	23	95	16	100	0	###	30	50	
38	95	17	95	22	101	16	65	13	81	0	###	25	42	
39	97	13	75	22	101	24	100	12	77	0	###	22	37	
21	52	9	50	12	57	7	30	14	85	0	###	0	0	
38	95	14	80	22	101	17	70	13	81	0	###	22	37	
38	95	15	85	22	101	24	100	14	85	0	###	27	45	
CO1	19	CO2	18	CO3	19	CO4	18	CO5	19	CO6	0	VTU	3	

Target is 50% marks
Attainment level 1: 40% students scoring more than 50% marks
Attainment level 2: 45% students scoring more than 50% marks
Attainment level 3: 50% students scoring more than 50% marks

PERCENTAGE OF STUDENTS SCORING > 50% of Marks (For Internal Assessment)						
CO'S	CO1	CO2	CO3	CO4	CO5	CO6
Number of Students Scored above 50% marks	19	18	19	18	19	0
Number of Students attempted the test	19	19	19	19	19	19
% OF STUDENTS	100.00	94.74	100.00	94.74	100.00	
Attainment Level	3	3	3	3	3	

PERCENTAGE OF STUDENTS SCORING > 50% of marks (For University Examination)	
Number of Students Scored above 50 % of Marks	3
Number of Students attempted the Examination	19
% OF STUDENTS	15.79
Attainment Level	0

Calculation for CO attainment by direct assessment (40% weightage for IA & 60% SEE marks)	Attainment
CO1	0.49
CO2	0.47
CO3	0.49
CO4	0.47
CO5	0.49
CO6	

CO attainment using Course survey	
CO1	0.9
CO2	0.95
CO3	0.9
CO4	0.89
CO5	0.9
CO6	

Overall CO attainment	
CO1	0.576
CO2	0.569
CO3	0.576
CO4	0.557
CO5	0.576
CO6	

PO MAPPING

CO'S	1	2	3	4	5	6	7	8	9	10	11	12
CO1	1	1	1	1								
CO2	1	1	1	1					1			
CO3	1	1	1	1		1			1			
CO4	1	1	1	1		1			1			
CO5	1	1	1	1								
CO6												
Total	5	5	5	5	0	2	0	0	3	0	0	0
PO AVERAGE	1.00	1.00	1.00	1.00		1.00			1.00			

PSO MAPPING

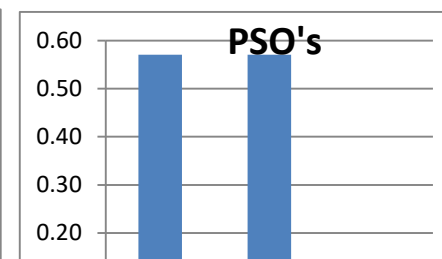
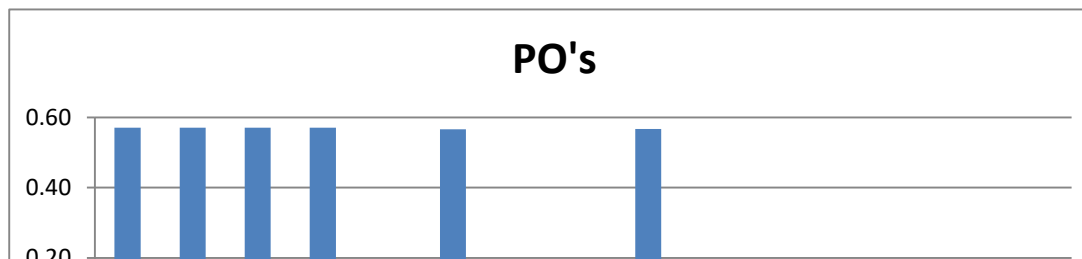
CO'S	1	2	3
CO1	1	1	
CO2	1	1	
CO3	1	1	
CO4	1	1	
CO5	1	1	
CO6			
Total	5	5	0
PSO AVERAGE	1.00	1.00	

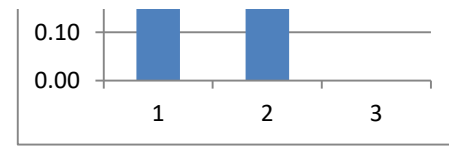
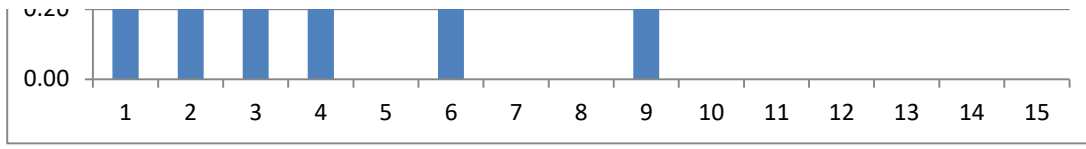
ATTAINMENT

CO'S	1	2	3	4	5	6	7	8	9	10	11	12
CO1	0.58	0.58	0.58	0.58								
CO2	0.57	0.57	0.57	0.57					0.57			
CO3	0.58	0.58	0.58	0.58		0.58			0.58			
CO4	0.56	0.56	0.56	0.56		0.56			0.56			
CO5	0.58	0.58	0.58	0.58								
CO6												
PO AVERAGE	0.57	0.57	0.57	0.57		0.57			0.57			

ATTAINMENT

CO'S	1	2	3
CO1	0.58	0.58	
CO2	0.57	0.57	
CO3	0.58	0.58	
CO4	0.56	0.56	
CO5	0.58	0.58	
CO6			
PSO AVERAGE	0.57	0.57	





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Dr.T.Thimmaiah Institute of Technology

Oorgaam, K.G.F-563120

SEM	IV
Department	Civil
Course	Concrete Technology
Academic Year	2020-21

Course Instructor	Praveen K
Designation	Assistant Professor
Course code	18CV44
Total Students	19

CO'S	Description
CO1	Apply the fundamental principles and procedures in making concrete
CO2	Apply basic requirements of the IS design specifications for designing concrete mixes
CO3	Assess the deterioration of concrete and test methods
CO4	Recognize the characteristics of special types of concrete
CO5	
CO6	

Grading Scale	Level
Score < 40	0
Score 40 to < 45	1
Score 45 to < 50	2
Score > 50	3

Target Percentage	50
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CO's	T1	T2	T3	A	T	Q	Total Marks	External Marks
CO1	50	40					72	50
CO2		10		30	30		28	
CO3			30				24	
CO4			20			30	26	
CO5							0	
CO6							0	

Sl No	USN	Students Name	CO Marks in Tests										
			Test 1		A	Test 2			T	Test 3		Q	
			CO1		CO2	CO1	CO2		CO2	CO3	CO4		CO4
1	1GV17CV001	ABHILASH. V	48		17	38	10		30	10	20		30
2	1GV18CV008	SHARAN. G C	47		30	37	10		30	16	16		30
3	1GV19CV001	ANUPRIYA C	50		30	33	10		30	15	20		30
4	1GV19CV002	BHASKAR V	50		0	40	10		0	0	0		0
5	1GV19CV003	BHOOMIKA R	50		30	40	10		30	6	16		30
6	1GV19CV004	DHANUSH M	50		30	40	10		30	12	30		30
7	1GV19CV005	DHANUSH S K	50		30	40	10		30	0	20		30
8	1GV19CV007	GOKUL J	50		30	40	10		30	0	20		30
9	1GV19CV008	KUSUMANJALI D	45		30	33	10		30	28	0		30
10	1GV19CV009	MOHAMMED DANISH	50		0	40	10		0	0	0		0
11	1GV19CV010	MOHAMMED FAIZAN	50		0	40	10		0	0	0		0
12	1GV19CV011	MOHAMMED JUNAID	50		0	40	10		0	0	0		0
13	1GV19CV012	MORRIS ROHITH RAJ.	45		17	40	10		30	0	20		30
14	1GV19CV013	SARASWATHIBAI. R	50		30	40	10		30	12	28		30
15	1GV19CV014	SYED ROSHAN ZAMEE	47		30	30	10		30	14	16		30
16	1GV19CV017	VARSHINI. K	50		30	40	10		30	0	20		30
17	1GV19CV018	YALAMANCHILI TULA	0		0	0	0						0
18	1GV20CV400	SHASHI KUMAR	50		30	40	10		30	14	30		30
19	1GV20CV401	MUZAMMIL AHMED B	50		30	38	10		30	10	20		30

Attainment of CO's												VTU	
CO1		CO2		CO3		CO4		CO5		CO6		All CO	
M	%	M	%	M	%	M	%	M	%	M	%	M	%
69	96	24	85	8	33	26	100	0	###	0	###	24	48
67	93	28	100	13	53	23	88	0	###	0	###	20	40
66	92	28	100	12	50	26	100	0	###	0	###	28	56
72	100	8	29	0	0	0	0	0	###	0	###	15	30
72	100	28	100	5	20	23	88	0	###	0	###	19	38
72	100	28	100	10	40	34	131	0	###	0	###	30	60
72	100	28	100	0	0	26	100	0	###	0	###	24	48
72	100	28	100	0	0	26	100	0	###	0	###	22	44
62	87	28	100	22	93	10	38	0	###	0	###	21	42
72	100	8	29	0	0	0	0	0	###	0	###	9	18
72	100	8	29	0	0	0	0	0	###	0	###	15	30
72	100	8	29	0	0	0	0	0	###	0	###	13	26
68	94	24	85	0	0	26	100	0	###	0	###	15	30
72	100	28	100	10	40	32	125	0	###	0	###	28	56
62	86	28	100	11	47	23	88	0	###	0	###	25	50
72	100	28	100	0	0	26	100	0	###	0	###	19	38
0	0	0	0	0	0	0	0	0	###	0	###	1	2
72	100	28	100	11	47	34	131	0	###	0	###	27	54
70	98	28	100	8	33	26	100	0	###	0	###	19	38
CO1	18	CO2	14	CO3	3	CO4	13	CO5	0	CO6	0	VTU	5

Target is 50% marks
Attainment level 1: 40% students scoring more than 50% marks
Attainment level 2: 45% students scoring more than 50% marks
Attainment level 3: 50% students scoring more than 50% marks

PERCENTAGE OF STUDENTS SCORING > 50% of Marks (For Internal Assessment)						
CO'S	CO1	CO2	CO3	CO4	CO5	CO6
Number of Students Scored above 50% marks	18	14	3	13	0	0
Number of Students attempted the test	19	19	19	19	19	19
% OF STUDENTS	94.74	73.68	15.79	68.42		
Attainment Level	3	3	0	3		

PERCENTAGE OF STUDENTS SCORING > 50% of marks (For University Examination)	
Number of Students Scored above 50 % of Marks	5
Number of Students attempted the Examination	19
% OF STUDENTS	26.32
Attainment Level	0

Calculation for CO attainment by direct assessment (40% weightage for IA & 60% SEE marks)	Attainment
CO1	0.54
CO2	0.45
CO3	0.22
CO4	0.43
CO5	
CO6	

CO attainment using Course survey	
CO1	0.9
CO2	0.92
CO3	0.9
CO4	0.92
CO5	
CO6	

Overall CO attainment	
CO1	0.609
CO2	0.546
CO3	0.357
CO4	0.529
CO5	
CO6	

PO MAPPING

CO'S	1	2	3	4	5	6	7	8	9	10	11	12
CO1	2											
CO2	2											
CO3	2	2	1									
CO4	2											
CO5												
CO6												
Total	8	2	1	0	0	0	0	0	0	0	0	0
PO AVERAGE	2.00	2.00	1.00									

PSO MAPPING

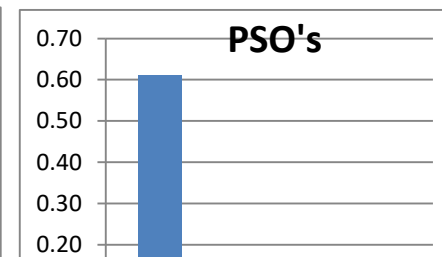
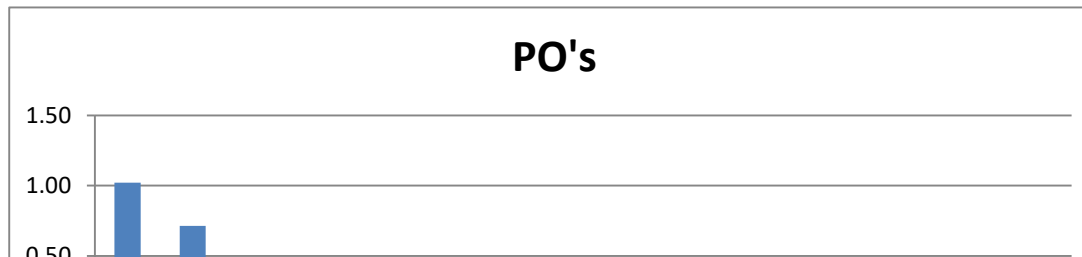
CO'S	1	2	3
CO1	1		
CO2			
CO3			
CO4			
CO5			
CO6			
Total	1	0	0
PSO AVERAGE	1.00		

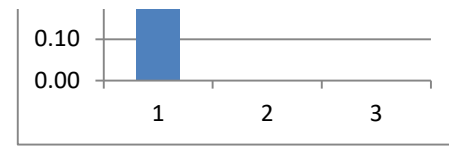
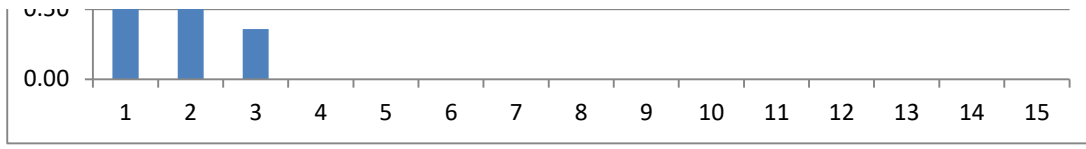
ATTAINMENT

CO'S	1	2	3	4	5	6	7	8	9	10	11	12
CO1	1.22											
CO2	1.09											
CO3	0.71	0.71	0.36									
CO4	1.06											
CO5												
CO6												
PO AVERAGE	1.02	0.71	0.36									

ATTAINMENT

CO'S	1	2	3
CO1	0.61		
CO2			
CO3			
CO4			
CO5			
CO6			
PSO AVERAGE	0.61		





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