



**SRI VENKATESWARA COLLEGE OF ENGINEERING**  
**KARKAMBADI ROAD, TIRUPATI**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**CO ATTAINMENT**

Course Name:	<b>M III</b>	
Course Code:	<b>15A54301</b>	<b>C211</b>
Session of Course:	June 2018- December 2018	
Year/Semester	II-I B.Tech	
Credits:	3	
Batch:	<b>2017-2021</b>	

**CO MAPPING**

COURSE OUTCOMES		Test-1	Test-2
<b>CO211.1</b>	Solve the system of linear equations and reduce the quadratic form to canonical form using matrices.	1,4	
<b>CO211.2</b>	Apply different numerical methods to find approximate root of algebraic and transcendental equations.	2,3,5	
<b>CO211.3</b>	categorize different numerical techniques to solve problems in Interpolation.		3,4
<b>CO211.4</b>	Analyze numerical methods to fit different curves and to find approximate value of derivatives and integrals.		1,2
<b>CO211.5</b>	Use different methods to find approximate solution of first order ordinary differential equations.		5

**COs ATTAINMENT:**

CO	Mapping of COs						External Attainment level	Direct Attainment levels	Indirect (CES) Attainment Level	CO Attained	% CO Attained
	Mapping of Mid I & Mid II Term Examination										
<b>CO211.1</b>	2.26	1.91					2.79	2.32	2.79	<b>2.41</b>	80.48
<b>CO211.2</b>	1.88	1.84	2.33				2.79	2.21	2.67	<b>2.30</b>	76.74
<b>CO211.3</b>	2.77	2.29					2.79	2.62	2.57	<b>2.61</b>	86.90
<b>CO211.4</b>	2.57	2.10					2.79	2.49	2.53	<b>2.50</b>	83.18
<b>CO211.5</b>	2.49						2.79	2.64	2.53	<b>2.62</b>	87.33

**CO ATTAINMENT ANALYSIS:** Target: **60% of students attained 60% of marks**

CO had reached the target level

CO	Attained /Not Attained
<b>CO211.1</b>	Attained
<b>CO211.2</b>	Attained
<b>CO211.3</b>	Attained
<b>CO211.4</b>	Attained
<b>CO211.5</b>	Attained

**ACTION SUGGESTED:**

Based on the above result, it is identified that All the CO's reached the attainment level and there is no gap identified

**PO ATTAINMENT**

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	CO Attained Levels
<b>CO211.1</b>	3	3													<b>2.41</b>
<b>CO211.2</b>	3	3													<b>2.30</b>
<b>CO211.3</b>	2	3													<b>2.61</b>
<b>CO211.4</b>	2	3													<b>2.50</b>
<b>CO211.5</b>	2	3													<b>2.62</b>
<b>TOTAL</b>	<b>12</b>	<b>12</b>	<b>0</b>												
<b>Sum of CO*PO</b>	24.35	29.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
<b>CO-PO LEVEL</b>	<b>2.03</b>	<b>2.46</b>	-	-	-	-	-	-	-	-	-	-	-	-	
<b>% CO-PO</b>	<b>67.67</b>	<b>82.00</b>	-	-	-	-	-	-	-	-	-	-	-	-	

Signature of the Faculty

In-Charge

HOD



**SRI VENKATESWARA COLLEGE OF ENGINEERING**  
**KARKAMBADI ROAD, TIRUPATI**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

S.No	USN/Reg no.	Test 1					Test 2					Univ. Marks
		T1-Q1	T1-Q2	T1-Q3	T1-Q4	T1-Q5	T2-Q1	T2-Q2	T2-Q3	T2-Q4	T2-Q5	
<b>Max. Marks</b>		<b>10</b>	<b>70</b>									
<b>60% Marks</b>		<b>6</b>	<b>35</b>									
1	17BF1A0501	0	0	0	0	0	0	0	0	0	0	1
2	17BF1A0502	10	10	10	10	10	10	10	10	10	9	89
3	17BF1A0503		3	6	4	3	7	3		8	4	46
4	17BF1A0504	2	0	0			4		7			22
5	17BF1A0505	10	5			7	9	8	8			53
6	17BF1A0507	1	1			4	1		7	7		20
7	17BF1A0508	10	3			2	8		8	7	8	70
8	17BF1A0509	10	10		8	6	10		10	10	9	84
9	17BF1A0510	10	9	4	5		10	10			9	75
10	17BF1A0511			10	10	8	10		10	10	10	87
11	17BF1A0512		10	10	7	10	10	10	10	10		90
12	17BF1A0513	10	3	6			10		5	10		75
13	17BF1A0514	9	2			4			8	10	9	50
14	17BF1A0515	7	6	9	6		10	10	10	10	4	89
15	17BF1A0516	8	10	9		6	9	3	10	10	8	78
16	17BF1A0517	10	10	9	6	10	10	10	10	10	8	94
17	17BF1A0518	2	8	9		2	8		8	6	10	84
18	17BF1A0519	10	10	10	7		10	10	10	10	10	96
19	17BF1A0520	7	9			5	5	7	4		2	45
20	17BF1A0521			10	6	10	10	10		10	9	95
21	17BF1A0522	10	10	10	7		10	9	9	6	10	97
22	17BF1A0523	2			4	0	5	5			1	20
23	17BF1A0524	10	10	9	10	10	10	5	10	7	10	91
24	17BF1A0525	5	9	10	10	7	10		10	7	9	81
25	17BF1A0526	10	10	9			9	5	10		5	66
26	17BF1A0527	10	10	10	10	10	10	10	10	10	10	93
27	17BF1A0528	10	10	10	10	10	10	10	10	10	5	82
28	17BF1A0529	8		3	2	4	8	6		9	9	74
29	17BF1A0530	10	7		10	10	10		10	10	5	99
30	17BF1A0531	10	10	10	10	10	10	10	8	8	10	81
31	17BF1A0532	10	10	9	10	10	10	10	10	10	10	97
32	17BF1A0533	7		4		6			6	8	9	68
33	17BF1A0534	10	8			5	10	2	10	10		75
34	17BF1A0535			4	5	10	8		10	10	10	80
35	17BF1A0536	7	10	8		3	7		9	7		73
36	17BF1A0537	8	10		4		10	5	7	7		51
37	17BF1A0538		3	9		3	9		10	10		73
38	17BF1A0539	8	2	0			2	3		5	0	21
39	17BF1A0540	10	10	10	10	10	10	5	10	7	8	92
40	17BF1A0541	10		8	10		9		7	10		94
41	17BF1A0542		10		10	10	10	7	9	10		95
42	17BF1A0543	7	5			3	10	8			8	69
43	17BF1A0544	8	5		10	5	10		6	7	10	74
44	17BF1A0545	0	0	0	0	0	10	6	10		9	73
45	17BF1A0546		10	10	10	10	10		10	7	10	97
46	17BF1A0547		8	10	6				9	10	10	86
47	17BF1A0548		7	7			9	7		5		47
48	17BF1A0549	7	10	5	5	4	9	5	6	10	9	76
49	17BF1A0550		6	9	9	4	10		9	8		90
50	17BF1A0551	4		8	9	3	4		10	7	9	69

S.No	USN/Reg no.	Test 1					Test 2					Univ. Marks
		T1-Q1	T1-Q2	T1-Q3	T1-Q4	T1-Q5	T2-Q1	T2-Q2	T2-Q3	T2-Q4	T2-Q5	
	<b>Max. Marks</b>	<b>10</b>	<b>70</b>									
	<b>60% Marks</b>	<b>6</b>	<b>35</b>									
51	17BF1A0552	9	6	0			9	5		10	4	66
52	17BF1A0553	10	10	10	10		9		10	10	5	79
53	17BF1A0554	7	3	5	5	3	9	6	8	3		50
54	17BF1A0555	10	10	10	6	8	10	7	10	10	7	93
55	17BF1A0556	10	5	10	9	8	9	8	10	10	5	85
56	17BF1A0557	6	5	5		2	9	7		6	2	71
57	17BF1A0558		9	6		7	9		10	10		78
58	17BF1A0559	8	8	6	5		10	10	3	8	9	94
59	17BF1A0560		5	3			6		10	7		46
60	17BF1A0561	10	5	1			10	6	6			49
61	17BF1A0562	7	6		3	1	9		10	7		67
62	17BF1A0563	9	2	4		9	9	8	7	7		72
63	17BF1A0564	10	10	10	10	10	10	10	9	10	10	89
64	17BF1A0565	5	2	1			3	6		1		20
65	17BF1A0566	5	5	9	3	5	10	10	7	4		69
66	17BF1A0567	9	5			7		5	10	9		50
67	17BF1A0568	1	4		4	3	5	10			5	45
68	17BF1A0569	9	10		10		6	10	10		10	83
69	17BF1A0570		10		10	10	10	10		7	10	82
70	17BF1A0571	9	10	1	5	9	10	10	10	1	3	77
71	17BF1A0572	10	7	8	8		10	10	10	10	6	86
72	17BF1A0573	10	9			9	6	5	10	9	10	87
73	17BF1A0574	8	8			10	10	6			6	55
74	17BF1A0575	9			8	10	10	10	10		10	89
75	17BF1A0576			10	5	10	10		10		7	89
76	17BF1A0577	10	10	10		10	10		10	10	10	92
77	17BF1A0578	9	8			10	10		9	9	6	76
78	17BF1A0579	9	10		10	2	10	10	10	2	10	85
79	17BF1A0580		10		9	10	10	10	10	10	7	92
80	17BF1A0581	10	10	10		10	10	10	10	10	10	94
81	17BF1A0582	9	7	2		10	10	2	10	10	8	84
82	17BF1A0583	9	7	3				10	10	10	4	61
83	17BF1A0584	9	8		5	10	1	10	9	3	8	90
84	17BF1A0585	6	7		9	6	10	10	10	6	3	72
85	17BF1A0586		9	0	7	10	10	10	10		6	62
86	17BF1A0587	10			10	10	10		10	10	10	98
87	17BF1A0588	3	5	6	2	1	10	10	10			54
88	17BF1A0589	5	9	2		8	10			9	10	93
89	17BF1A0590	1		6	5	6	10	4			8	65
90	17BF1A0591	9	10	5		9		10	10	10	10	94
91	17BF1A0592	4	2	1			4	0	2			18
92	17BF1A0593	10			8	8	10	10	6			69
93	17BF1A0594	8	1		2	7	6	7	9		6	70
94	17BF1A0595			10	6	8		10	10		10	93
95	17BF1A0597	4	1		0	0	4	2	5		6	40
96	17BF1A0599		9		10	10	10	9	10		6	80
97	17BF1A05A0	1	4			6	7		4		6	31
98	17BF1A05A1		5		10	7	10	9		4	4	47
99	17BF1A05A2	5	3			7	9	5			6	43
100	17BF1A05A3	5	7		10	10	10		10	8	8	77
101	17BF1A05A4	8	10	8		8	10		10	9	10	90
102	17BF1A05A5	10		10	5	8	10	10	10	10	4	76
103	17BF1A05A6	10	8	1	10		10	10	10	3	10	89
104	17BF1A05A7	9	10	10		10	10		8	3	8	90
105	17BF1A05A8	9	5		4		10	9	8	1		70

S.No	USN/Reg no.	Test 1					Test 2					Univ. Marks
		T1-Q1	T1-Q2	T1-Q3	T1-Q4	T1-Q5	T2-Q1	T2-Q2	T2-Q3	T2-Q4	T2-Q5	
	<b>Max. Marks</b>	<b>10</b>	<b>70</b>									
	<b>60% Marks</b>	<b>6</b>	<b>35</b>									
106	17BF1A05A9		9		10	9	10		10	10	9	97
107	17BF1A05B0		10		10	9	10	10	10	10		96
108	17BF1A05B1	10	7			10	10	10	10	2		75
109	17BF1A05B2	8	8	3	5	10	10	10	8	8	8	77
110	17BF1A05B3	9	4	7		10	10	10	10	10		76
111	17BF1A05B4	10	10	10		7	10		10	10		82
112	17BF1A05B5	4	8	4	1	10	10		10	10	8	87
113	17BF1A05B6	5	10		7	10	10	10	10	9	10	96
114	17BF1A05B7		5		7	3	6		10	4	7	71
115	17BF1A05B8	8	8		3	6	10	3	10	5	6	69
116	17BF1A05B9	8	6	2	6	7	10	7	10		6	82
117	17BF1A05C0	9	10	10	10		10	10	10	6		88
118	17BF1A05C1	10	2	1	10	10	10	10	10	10	10	95
119	17BF1A05C2	0	5		3	4	10	1				29
120	17BF1A05C3	10	5		5	5	10	10	8	10		90
121	17BF1A05C4	7	4			5	9	10	10			41
122	17BF1A05C5		4		5	7	10		10		0	63
123	17BF1A05C6	7	4	3		7	9		8		7	60
124	17BF1A05C7	4	10		5	3	10	10	10			67
125	17BF1A05C8	10	3	7				8	10		10	67
126	17BF1A05D0		8	4	10	10	9		10	8	7	81
127	17BF1A05D2	10		8	7	10	4	8	10	10		89
128	17BF1A05D3	10		10	5	10	3	3		6	7	78
129	17BF1A05D4					9	4	1	0			32
130	17BF1A05D5	10	4			8	4	8		2	6	50
131	17BF1A05D6		9	10	10	10	9		9	10	10	92
132	17BF1A05D7	9	10		10	10	10	10	10		10	96
133	17BF1A05D8	7		6	4		8	4		3	10	74
134	17BF1A05D9	10		8	10	10	10		10	10	10	92
135	17BF1A05E0	4			6	10	8	10			8	52
136	17BF1A05E1	2	2				0		0		1	8
137	17BF1A05E2	8	10	4	3	10	10	5	10	8		87
138	17BF1A05E3	7			0	9		6	8	6	8	60
139	17BF1A05E4	8	10		10	10	10	10	8	4	8	89
140	17BF1A05E5	10			10	10	10	10	8	10	10	95
141	17BF1A05E6	7			10	9	9	7	5		10	69
142	17BF1A05E7	5	3	4		8	10	2		3	10	71
143	17BF1A05E9	10	10	10	10	10	10	10	10	9	10	94
144	17BF1A05F0	9		10		10	5		8	10	10	90
145	17BF1A05F1	8	8	10	10	10	10	10	10		10	88
146	17BF1A05F2	10	9			10	10	10	10			86
147	17BF1A05F3	8		3		9		9	9		10	66
148	17BF1A05F4	6	4	7		8	9		10	3	9	77
149	17BF1A05F5		10		10	10	9	5	10		10	85
150	17BF1A05F6		10	3	9	10	5	5		3	10	84
151	17BF1A05F7	3	10		5	10	10	9	10		10	79
152	17BF1A05F8	7			7	10	1	9	8		10	68
153	17BF1A05F9	1	1				5	2			3	40
154	17BF1A05G0	5		2	2	9	7	5	10		10	55
155	17BF1A05G1	9	10		10	10		10	10	10	10	98
156	17BF1A05G2	10	10	10	10	10	9	10	10	10	10	89
157	17BF1A05G3		2		1	5		5	10		10	49
158	17BF1A05G4		10		10	10	8	9	10		10	87
159	17BF1A05G5		10	10	10	10	10	10	10	10		96
160	17BF1A05G6		10	10	10	10		10	9	10	10	100

S.No	USN/Reg no.	Test 1					Test 2					Univ. Marks
		T1-Q1	T1-Q2	T1-Q3	T1-Q4	T1-Q5	T2-Q1	T2-Q2	T2-Q3	T2-Q4	T2-Q5	
	<b>Max. Marks</b>	<b>10</b>	<b>70</b>									
	<b>60% Marks</b>	<b>6</b>	<b>35</b>									
161	17BF1A05G7		9		7	9	9	5	10		8	78
162	17BF1A05G8	6	9			8	7	10	10		10	84
163	17BF1A05G9	10		10	5	9	8	3		5	10	77
164	17BF1A05H0	10		7	10	10	10		10	10	10	82
165	17BF1A05H2	6		10		9	5	7		9	10	71
166	17BF1A05H3	10	8		7	9	9	9	10	10	10	94
167	17BF1A05H4	3	10		10	9	10	9	10		10	95
168	17BF1A05H5	7	4			10	9	8	8			59
169	17BF1A05H6	5	1		4	10	7	4	7		7	60
170	17BF1A05H7	8		10		10		10	3	10	10	87
171	17BF1A05H8	6	6	5	1	8	7	7	8	4	10	63
172	17BF1A05H9	5	2	2		10	8	5	10		8	80
173	17BF1A05I0	0	0	0	0	0	7	4			4	15
174	18BF5A0501	6		5	10	10	10	10	10	8	10	88
175	18BF5A0502	5			5	10	10	5	8	4	7	57
176	18BF5A0503				8	10	6	6	5			44
177	18BF5A0504	4			7	9		6	10		8	52
178	18BF5A0505		4		5	5		3	7		7	43
179	18BF5A0506		3	4		8	3	7	9	2	8	53
180	18BF5A0507		1		3	10	10	5	10	2	10	53
181	18BF5A0508		9		8	10	9	5	8	5	7	81
182	18BF5A0509		7		7	8	7	10	7		5	62
183	18BF5A0510		8		9	8	10		9		10	68
184	18BF5A0511				5	9		7	7	4	6	54
185	18BF5A0512		4	3	10	10	8		8		7	67
186	18BF5A0513		2		7	10	9	10			10	76
187	18BF5A0514					9	9	5			6	44
188	18BF5A0515		7		10	1	10		9		10	69
189	18BF5A0516				5	10	1	3				15
190	18BF5A0517		5		1	2	4			5	5	35
Number of students attempted question		142	152	106	129	161	173	140	157	126	147	190
Number of students scoring more than 60%		107	95	65	82	125	148	98	145	96	122	177
CO Attainment (By Marks) Percentage Questionwise		75.35	62.50	61.32	63.57	77.64	85.55	70.00	92.36	76.19	82.99	93.16
<b>CO Assessment Level</b>		<b>2.26</b>	<b>1.88</b>	<b>1.84</b>	<b>1.91</b>	<b>2.33</b>	<b>2.57</b>	<b>2.10</b>	<b>2.77</b>	<b>2.29</b>	<b>2.49</b>	<b>2.79</b>



**SRI VENKATESWARA COLLEGE OF ENGINEERING**  
**KARKAMBADI ROAD, TIRUPATI**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**CO ATTAINMENT**

<b>Course Name:</b>	<b>Digital Logic Design</b>	
<b>Course Code:</b>	<b>15A04306</b>	<b>C215</b>
<b>Session of Course:</b>	June 2018- December 2018	
<b>Year/Semester</b>	II-I B.Tech	
<b>Credits:</b>	3	
<b>Batch:</b>	2017-2021	

**CO MAPPING**

COURSE OUTCOMES		Test-1	Test-2
<b>CO215.1</b>	<b>Apply</b> the basic knowledge of number systems, boolean algebra, logic gates.	2,5	
<b>CO215.2</b>	<b>Apply</b> K-maps and tabulation method to minimize Boolean Expressions.	1,3,4	
<b>CO215.3</b>	<b>Design</b> various Combinational circuits for implementing different logic functions		3,4
<b>CO215.4</b>	<b>Design</b> the Sequential Circuits. Using flipflop		1,2
<b>CO215.5</b>	<b>Compare</b> different types of Programmable Logic Devices and Logic families		5

**COs ATTAINMENT:**

CO	Mapping of COs						External Attainment level	Direct Attainment levels	Indirect (CES) Attainment Level	CO Attained	% CO Attained
	Mapping of Mid I & Mid II Term Examination										
<b>CO215.1</b>	2.17	1.89					2.57	2.21	2.83	2.33	77.80
<b>CO215.2</b>	1.68	1.88	1.87				2.57	2.00	2.87	2.17	72.42
<b>CO215.3</b>	1.92	1.20					2.57	1.90	2.89	2.09	69.80
<b>CO215.4</b>	2.69	2.28					2.57	2.51	2.84	2.58	85.93
<b>CO215.5</b>	2.32						2.57	2.45	2.84	2.52	84.16

**CO ATTAINMENT ANALYSIS:** Target: 60% of students attained 60% of marks

CO had reached the target level

CO	Attained /Not Attained
<b>CO215.1</b>	Attained
<b>CO215.2</b>	Attained
<b>CO215.3</b>	Attained
<b>CO215.4</b>	Attained
<b>CO215.5</b>	Attained

Based on the above result, it is identified that All the CO's reached the attainment level and there is no gap identified

**PO ATTAINMENT**

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	CO Attained Levels
<b>CO215.1</b>	3	1	1										3	3	2.33
<b>CO215.2</b>	3	3	1										3	3	2.17
<b>CO215.3</b>	3	3	3										3	3	2.09
	3	3	2										3	3	2.58
<b>CO215.4</b>	3	3	2										3	3	2.58
<b>TOTAL</b>	15	15	15	0	0	0	0	0	0	0	0	0	15	15	

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
<b>Sum of CO*PO</b>	35.27	30.60	21.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.27	35.27
<b>CO-PO LEVEL</b>	2.36	2.05	1.41	-	-	-	-	-	-	-	-	-	2.36	2.36
<b>% CO-PO</b>	78.67	68.33	47.00	-	-	-	-	-	-	-	-	-	78.67	78.67

Signature of the Faculty

In-Charge

HOD



**SRI VENKATESWARA COLLEGE OF ENGINEERING**  
**KARKAMBADI ROAD, TIRUPATI**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**CO ATTAINMENT**

<b>Course Name:</b>	<b>Database Management systems</b>	
<b>Course Code:</b>	<b>15A05301</b>	<b>C212</b>
<b>Session of Course:</b>	June 2018- December 2018	
<b>Year/Semester</b>	II-I B.Tech	
<b>Credits:</b>	3	
<b>Batch:</b>	<b>2017-2021</b>	

**CO MAPPING**

COURSE OUTCOMES		Test-1	Test-2
<b>CO212.1</b>	Compare the data models for identifying suitable schema for database applications	2,3	
<b>CO212.2</b>	Apply SQL Queries to fetch the data from the database.	1,5	
<b>CO212.3</b>	Apply Normalization to avoid data anomalies in the database.	4	
<b>CO212.4</b>	Implement Locking and Concurrency control strategies to preserve data consistency		1,3
<b>CO212.5</b>	Classify the basic database storage structures and access techniques for quick accessing the database.		2,4,5

**COs ATTAINMENT:**

CO	Mapping of COs						External Attainment level	Direct Attainment levels	Indirect (CES) Attainment Level	CO Attained	% CO Attained
	Mapping of Mid I & Mid II Term Examination										
<b>CO212.1</b>	1.90	2.03					2.83	2.25	2.83	2.37	78.94
<b>CO212.2</b>	1.96	1.02					2.83	1.94	2.87	2.13	70.84
<b>CO212.3</b>	1.81						2.83	2.32	2.89	2.43	81.06
<b>CO212.4</b>	2.57	1.55					2.83	2.32	2.84	2.42	80.72
<b>CO212.5</b>	2.49	2.39	1.88				2.83	2.40	2.84	2.49	82.87

**CO ATTAINMENT ANALYSIS:** Target: 60% of students attained 60% of marks

CO had reached the target level

CO	Attained /Not Attained
<b>CO212.1</b>	Attained
<b>CO212.2</b>	Attained
<b>CO212.3</b>	Attained
<b>CO212.4</b>	Attained
<b>CO212.5</b>	Attained
<b>CO6</b>	Attained

**ACTION SUGGESTED:**

Based on the above result, it is identified that All the CO's reached the attainment level and there is no gap identified

**PO ATTAINMENT**

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	CO Attained Levels
<b>CO212.1</b>	3	2	1	1									3		2.37
<b>CO212.2</b>	3	3	2	2	3								3		2.13
<b>CO212.3</b>	3	3		3									3		2.43
<b>CO212.4</b>	3	3	2	2									3		2.42
<b>CO212.5</b>	3	3	3	2	1								3		2.49
<b>TOTAL</b>	15	15	12	15	6	0	0	0	0	0	0	0	15	0	

  

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
<b>Sum of CO*PO</b>	35.50	33.13	18.92	23.73	8.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.50	0.00
<b>CO-PO LEVEL</b>	2.37	2.21	1.58	1.59	1.48	-	-	-	-	-	-	-	2.37	-
<b>% CO-PO</b>	79.00	73.67	52.67	53.00	49.33	-	-	-	-	-	-	-	79.00	-