



SARANATHAN COLLEGE OF ENGINEERING
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

INDEX

Criterion 2.6.2

S.NO	DEPARTMENT	PAGE NO
1	CO Attainment for Theory Course	1-22
2	CO Attainment for Lab Course	23-40

SARANATHAN COLLEGE OF ENGINEERING, Tiruchirappalli - 620012

Department of B.E. Computer Science Engineering

Internal Assessment - Attainment of Courses Outcomes (Through Direct Assessment)

Academic Period 2018 - 2019 / EVEN Semester																																
COURSE CODE/TITLE		DATABASE MANAGEMENT SYSTEMS														Batch				2017 - 2021												
CLASS / SECTION		Sem 4 / CSE A & B														COURSE OUTCOME						1	2	3	4	5	6					
COURSE COORDINATOR		Mr.R.Karthik / Dr.PL.Rajarajeswari														TARGET						65	65	65	65	65	65					
ATTAINMENT LEVEL		Level		Range																												
		1		0-60% of the Students scored more than target																												
		2		61-90% of the Students scored more than target																												
		3		90% of the Students scored more than target																												
S.NO	REG NO	NAME OF THE STUDENT	IAT-1 MARKS ALLOTTED						IAT-2 MARKS ALLOTTED						IAT-3 MARKS ALLOTTED						ASSIGNMENT						TOTAL COURSE OUTCOME					
			C1	C2	C3	C4	C5	C6	C1	C2	C3	C4	C5	C6	C1	C2	C3	C4	C5	C6	C1	C2	C3	C4	C5	C6	C1	C2	C3	C4	C5	C6
			72	28					60	40							56	40	4							10	10	72	88	96	40	14
1	813817104001	AAKAASH RAMKUMAR. R M	0	0					24	12						32	18	0						10	10	0	24	44	18	10	10	
2	813817104002	ABINASH. R	38	14					52	32						34	30	2						10	10	38	66	66	30	12	10	
3	813817104003	AISHWARIYA. P	52	24					46	32						48	36	4						10	10	52	70	80	36	14	10	
4	813817104004	AJAYPRASATH. R	14	6					44	20						18	8	0						10	10	14	50	38	8	10	10	
5	813817104005	AKILA. K	36	24					40	20						44	24	2						10	10	36	64	64	24	12	10	
6	813817104006	AKILANDESWARI. D	46	8					42	28						40	30	4						10	10	46	50	68	30	14	10	
7	813817104007	AMREETHA. S	36	8					24	28						16	20	2						10	9	36	32	44	20	12	9	
8	813817104008	ANUSHA. B	8	0					42	20						28	20	0						10	10	8	42	48	20	10	10	
9	813817104009	ARIVARASAN. U	24	8					40	22						36	34	2						10	10	24	48	58	34	12	10	
10	813817104010	ATCHAYA. M	34	18					40	26						42	24	4						10	10	34	58	68	24	14	10	
11	813817104011	BALAJI. R.K	52	20					46	28						46	28	4						10	10	52	66	74	28	14	10	
12	813817104012	BALA MURUGA PRASANTH. M	20	6					42	18						28	26	2						10	10	20	48	46	26	12	10	
13	813817104013	BANUMATHI. K	60	20					54	34						50	36	4						10	10	60	74	84	36	14	10	
14	813817104014	BHAGYA LAKSHMI. S	48	24					48	28						52	38	4						10	10	48	72	80	38	14	10	
15	813817104015	BUVANA PAVITRA. R	28	22					48	26						26	24	2						10	10	28	70	52	24	12	10	
16	813817104016	DARLEN JOVITA. J	60	18					52	26						52	20	4						10	10	60	70	78	20	14	10	
17	813817104017	GAYATHRI. N B	32	12					44	24						44	28	4						10	10	32	56	68	28	14	10	
18	813817104018	GEERTHANA. T.B	56	22					48	28						48	36	4						10	10	56	70	76	36	14	10	
19	813817104019	GOKULKANTH. R	34	12					46	22						34	24	4						10	10	34	58	56	24	14	10	
20	813817104020	HAMSHAVARTHINI. M	62	24					50	36						52	38	4						10	10	62	74	88	38	14	10	

21	813817104021	HARIKKRISHNA. S	16	14						22	16						44	32	2						10	10	16	36	60	32	12	10
22	813817104022	HARINI PRIYA. R	38	24						50	24						48	34	4						10	10	38	74	72	34	14	10
23	813817104023	INFANT REMI. J	38	22						34	26						38	30	4						10	10	38	56	64	30	14	10
24	813817104025	JANANI. K.A	30	14						42	22						42	24	2						10	10	30	56	64	24	12	10
25	813817104026	JAYAPRIYA. P	48	20						40	30						50	12	2						10	10	48	60	80	12	12	10
26	813817104027	JEENATH NISHA. J	48	24						34	28						52	34	4						10	10	48	58	80	34	14	10
27	813817104028	JEEVA RAMANATHAN. M	16	22						26	20						10	2	4						10	10	16	48	30	2	14	10
28	813817104029	KAMALESH. R	34	0						28	22						2	0	4						10	10	34	28	24	0	14	10
29	813817104030	KANISHKAR. GS	22	12						42	18						40	26	4						10	10	22	54	58	26	14	10
30	813817104032	KAVE VARSHINI. C	42	20						0	0						40	20	4						10	10	42	20	40	20	14	10
31	813817104033	KAVIN NANDHINI. S	52	20						52	32						50	36	4						10	10	52	72	82	36	14	10
32	813817104034	KESAVA PRADHA. R	44	6						38	30						38	18	0						10	10	44	44	68	18	10	10
33	813817104035	KESHORE. G	52	20						44	4						44	34	2						10	10	52	64	48	34	12	10
34	813817104036	KISHORE. S	16	22						0	0						38	22	0						10	10	16	22	38	22	10	10
35	813817104037	KRISHNA. S	14	6						16	4						40	30	2						10	10	14	22	44	30	12	10
36	813817104038	KRITHIGA. G	38	22						32	32						46	36	4						10	10	38	54	78	36	14	10
37	813817104039	KRITHIKA. R	30	22						42	22						50	32	0						10	10	30	64	72	32	10	10
38	813817104040	LAKSHMI PRIYAA. S	42	22						44	18						42	10	0						10	10	42	66	60	10	10	10
39	813817104041	LAVANYA. D	52	22						48	26						52	36	4						10	10	52	70	78	36	14	10
40	813817104042	LAVANYA. E	46	22						38	26						30	38	4						10	10	46	60	56	38	14	10
41	813817104043	LOURDES JENCY. S	38	24						32	22						42	36	2						10	10	38	56	64	36	12	10
42	813817104044	MOHAMMED BASHARATH. M	20	16						38	22						42	30	4						10	10	20	54	64	30	14	10
43	813817104046	MURUGANANDHAM. K	50	20						48	28						36	38	4						10	10	50	68	64	38	14	10
44	813817104047	MUTHUKUMAR G	32	2						28	24						46	30	4						10	10	32	30	70	30	14	10
45	813817104048	NAMASIVAYAM P	20	14						26	26						30	10	2						10	10	20	40	56	10	12	10
46	813817104049	NANTHAKUMAR. S	2	2						4	2						12	0	0						10	10	2	6	14	0	10	10
47	813817104050	NAVEEN RATHNAM. S	10	4						38	8						16	8	2						10	10	10	42	24	8	12	10
48	813817104051	NISHANTHI. K S	30	22						38	24						42	32	4						10	10	30	60	66	32	14	10
49	813817104052	NISTHULA. S	30	24						34	32						42	36	2						10	10	30	58	74	36	12	10
50	813817104053	NIVEDHA. G	48	22						46	30						46	36	4						10	10	48	68	76	36	14	10
51	813817104054	NIVEDHA KUNDAVAI. A	40	12						44	16						34	24	2						10	10	40	56	50	24	12	10
52	813817104055	NIVETHA. S	56	26						44	26						50	32	4						10	10	56	70	76	32	14	10
53	813817104056	PADMAPRIYA. R	36	24						42	24						44	32	4						10	10	36	66	68	32	14	10
54	813817104057	PRAHADEESWAR. T	28	14						42	18						36	26	0						10	10	28	56	54	26	10	10
55	813817104058	PRASANNA. M	2	2						0	6						20	6	0						10	10	2	2	26	6	10	10
56	813817104059	PREETHA. G	16	18						44	20						0	0	0						10	10	16	62	20	0	10	10

57	813817104061	PRIYA DHARSHINI. G	50	10						36	28						52	26	4						10	10	50	46	80	26	14	10
58	813817104062	PRIYADHARSINI. P	56	24						48	18						46	32	2						10	10	56	72	64	32	12	10
59	813817104063	PRIYATARSHINI. M	48	12						32	18						44	20	2						10	10	48	44	62	20	12	10
60	813817104064	RADHIKA. M	48	12						24	22						26	26	0						10	10	48	36	48	26	10	10
61	813817104065	RAGAVI. R	34	0						12	8						22	12	2						10	10	34	12	30	12	12	10
62	813817104066	RAJA RAM. B	22	20						28	20						4	22	0						10	10	22	48	24	22	10	10
63	813817104067	RAMASAMY. M	68	24						50	34						54	34	0						10	10	68	74	88	34	10	10
64	813817104068	RANIA ANJUM. S	42	22						40	20						44	16	0						10	10	42	62	64	16	10	10
65	813817104069	ROOPIKHA. G	34	8						26	10						36	22	2						10	10	34	34	46	22	12	10
66	813817104070	SAMSSON. J	34	26						40	20						44	24	2						10	10	34	66	64	24	12	10
67	813817104071	SANJAI DHARSHAN. N	40	6						40	20						38	30	4						10	10	40	46	58	30	14	10
68	813817104072	SANTHIYAA. A	68	10						34	34						50	22	0						10	10	68	44	84	22	10	10
69	813817104073	SARIKA. K	60	18						44	34						46	24	2						10	10	60	62	80	24	12	10
70	813817104074	SEMBARUTHI. RD	46	16						36	24						44	18	4						10	10	46	52	68	18	14	10
71	813817104075	SENTHURYA. S	58	18						36	24						36	24	0						10	10	58	54	60	24	10	10
72	813817104076	SHAILAJA. M	54	12						40	24						46	18	2						10	10	54	52	70	18	12	10
73	813817104077	SHALINI. P	46	22						40	20						50	26	4						10	10	46	62	70	26	14	10
74	813817104078	SHEIK ABDULLASHA. B	22	4						8	2						32	6	0						10	10	22	12	34	6	10	10
75	813817104079	SHEIK MAGDHOM. M	14	2						22	14						24	34	2						10	10	14	24	38	34	12	10
76	813817104080	SHREE HARINI. V.R	38	6						38	8						38	22	0						10	10	38	44	46	22	10	10
77	813817104081	SHRIHARINI. S	42	0						44	24						46	14	0						10	10	42	44	70	14	10	10
78	813817104082	SHRI HARINI. K	56	18						38	26						38	30	4						10	10	56	56	64	30	14	10
79	813817104083	SHRUTHI SRIDHAR.	48	12						36	30						44	32	2						10	10	48	48	74	32	12	10
80	813817104084	SINDHU. S	58	18						32	30						40	34	4						10	10	58	50	70	34	14	10
81	813817104085	SIVADHARSHINI. B	46	16						48	34						52	28	4						10	10	46	64	86	28	14	10
82	813817104086	SIVAKRISHNAN. S	16	8						4	0						16	18	2						10	10	16	12	16	18	12	10
83	813817104087	SREEVIDYA BHARATHAN RAJALAKSHMI	52	20						40	24						46	34	4						10	10	52	60	70	34	14	10
84	813817104088	SRI HARI. V	6	0						10	0						2	16	0						10	10	6	10	2	16	10	10
85	813817104089	SRIKRISHNAN. M	56	22						48	26						46	34	4						10	10	56	70	72	34	14	10
86	813817104090	SRI LEKHA. T	42	8						36	14						52	28	4						10	10	42	44	66	28	14	10
87	813817104091	SRINATH. M	12	4						18	0						20	10	0						10	10	12	22	20	10	10	10
88	813817104092	SRIRAM. S	12	10						28	14						36	20	4						10	10	12	38	50	20	14	10
89	813817104093	SUDARSAN. S	24	12						46	22						36	14	2						10	10	24	58	58	14	12	10
90	813817104094	SUDHARSHANA. V	58	20						52	34						54	34	2						10	10	58	72	88	34	12	10
91	813817104095	SUGANYA ARAVAMUDAN	50	10						32	28						50	12	4						10	10	50	42	78	12	14	10

92	813817104096	SUSHMAA. B	24	4						42	18									34	22	0								10	10	24	46	52	22	10	10
93	813817104097	SUVETHA. S	28	22						2	6									36	14	2								10	10	28	24	42	14	12	10
94	813817104098	SUVISHESIYA. B	60	20						54	36									54	34	2								10	10	60	74	90	34	12	10
95	813817104099	SWETHA. S	0	0						30	30									44	16	4								10	10	0	30	74	16	14	10
96	813817104100	TAMILVANI. D	30	22						30	30									32	20	4								10	10	30	52	62	20	14	10
97	813817104101	THIYAGARAJAN. S	28	0						30	20									44	22	4								10	10	28	30	64	22	14	10
98	813817104102	VAISHNAVI. M	50	22						48	22									52	28	4								10	10	50	70	74	28	14	10
99	813817104103	VARSHINI. V	46	4						36	36									0	0	0								10	10	46	40	36	0	10	10
100	813817104104	VEDHA. K	34	4						24	28									32	16	2								10	10	34	28	60	16	12	10
101	813817104105	VEERA HARISH. M	66	24						54	34									54	22	4								10	10	66	78	88	22	14	10
102	813817104106	VIGNESH. N	50	10						42	18									26	20	0								10	10	50	52	44	20	10	10
103	813817104107	VIGNESHRAJ. S	40	20						44	32									36	26	0								10	10	40	64	68	26	10	10
104	813817104108	VIGNESHWARAN. B	54	8						26	36									40	34	4								10	10	54	34	76	34	14	10
105	813817104109	VIJAYABHASKAR. S	60	20						52	36									50	26	2								10	10	60	72	86	26	12	10
106	813817104110	VIJAYARADHIKA. P	44	20						42	28									44	34	4								10	10	44	62	72	34	14	10
107	813817104111	VIJETHA. J	24	16						22	4									40	24	0								10	10	24	38	44	24	10	10
108	813817104112	VINOTHA. P	56	26						46	30									46	26	4								10	10	56	72	76	26	14	10
109	813817104113	VISHNU PRIYA. S	64	22						42	30									54	34	4								10	10	64	64	84	34	14	10
110	813817104114	VISHNU PRIYA. S	30	20						30	10									42	26	0								10	10	30	50	52	26	10	10
111	813817104115	VISUVAS ALEX. J	38	14						36	24									48	32	4								10	10	38	50	72	32	14	10
112	813817104301	AJITH KUMAR. M	36	14						28	2									22	12	0								10	10	36	42	24	12	10	10
113	813817104302	BAGATH IBRAHIM. A	18	4						20	4									14	10	0								10	10	18	24	18	10	10	10
114	813817104303	HUSSAIN AHAMED. R	20	8						24	4									26	18	4								10	9	20	32	30	18	14	9
115	813817104304	NANDHINI. V	40	6						46	20									38	12	0								10	10	40	52	58	12	10	10
116	813817104305	ROSHAN KUMAR SINGH. V	26	12						28	26									34	14	4								10	10	26	40	60	14	14	10
117	813817104306	SAKTHI VASANTH. G	22	6						32	4									0	0	0								10	8	22	38	4	0	10	8
118	813817104308	VASANTH RAJ. N	8	0						34	16									0	8	0								10	8	8	34	16	8	10	8
CO's Target Value																											46.80	57.20	62.40	26.00	9.10	6.50					
No. of Student Secured above CO's Target value																											39	47	63	48	118	118					
Percentage of Student Secured above Target																											33.05	39.83	53.39	40.68	100.00	100.00					

SARANATHAN COLLEGE OF ENGINEERING, Tiruchirappalli - 620012

Department of B.E. Computer Science Engineering

COURSE OUTCOME ATTAINMENT - UNIVERSITY EXAMINATION

COURSE CODE/TITLE	CS8492 DATABASE MANAGEMENT SYSTEMS	Batch	2017 - 2021
CO Attainment Level: 1 - (0% - 60%) 2- (61%-90%) 3-(91% and Above)			

S.NO	REG. NO.	NAME OF THE STUDENT	GRADE
1	813817104001	AKAASH RAMKUMAR. R M	B
2	813817104002	ABINASH. R	B
3	813817104003	AISHWARIYA. P	B+
4	813817104004	AJAYPRASATH. R	B
5	813817104005	AKILA. K	B
6	813817104006	AKILANDESWARI. D	A
7	813817104007	AMREETHA. S	B
8	813817104008	ANUSHA. B	B
9	813817104009	ARIVARASAN. U	B
10	813817104010	ATCHAYA. M	B
11	813817104011	BALAJI. R.K	B+
12	813817104012	BALA MURUGA PRASANTH. M	B+
13	813817104013	BANUMATHI. K	B+
14	813817104014	BHAGYA LAKSHMI. S	B
15	813817104015	BUVANA PAVITRA. R	B
16	813817104016	DARLEN JOVITA. J	A
17	813817104017	GAYATHRI. N B	B+
18	813817104018	GEERTHANA. T.B	A
19	813817104019	GOKULKANTH. R	B+
20	813817104020	HAMSHAVARTHINI. M	A+
21	813817104021	HARIKKRISHNA. S	B
22	813817104022	HARINI PRIYA. R	A
23	813817104023	INFANT REMI. J	B+
24	813817104025	JANANI. K.A	B
25	813817104026	JAYAPRIYA. P	A
26	813817104027	JEENATH NISHA. J	A
27	813817104028	JEEVA RAMANATHAN. M	B
28	813817104029	KMALESH. R	B
29	813817104030	KANISHKAR. GS	B
30	813817104032	KAVE VARSHINI. C	B+
31	813817104033	KAVIN NANDHINI. S	A
32	813817104034	KESAVA PRADHA. R	B+

33	813817104035	KESHORE. G	B+
34	813817104036	KISHORE. S	UA
35	813817104037	KRISHNA. S	B+
36	813817104038	KRITHIGA. G	A+
37	813817104039	KRITHIKA. R	A
38	813817104040	LAKSHMI PRIYAA. S	B
39	813817104041	LAVANYA. D	A+
40	813817104042	LAVANYA. E	B+
41	813817104043	LOURDES JENCY. S	B+
42	813817104044	MOHAMMED BASHARATH. M	B+
43	813817104046	MURUGANANDHAM. K	B+
44	813817104047	MUTHUKUMAR G	B
45	813817104048	NAMASIVAYAM P	B
46	813817104049	NANTHAKUMAR. S	UA
47	813817104050	NAVEEN RATHNAM. S	B
48	813817104051	NISHANTHI. K S	B+
49	813817104052	NISTHULA. S	B+
50	813817104053	NIVEDHA. G	B
51	813817104054	NIVEDHA KUNDAVAI. A	A
52	813817104055	NIVETHA. S	A
53	813817104056	PADMAPRIYA. R	B+
54	813817104057	PRAHADEESWAR. T	B
55	813817104058	PRASANNA. M	U
56	813817104059	PREETHA. G	B+
57	813817104061	PRIYA DHARSHINI. G	B+
58	813817104062	PRIYADHARSINI. P	B+
59	813817104063	PRIYATARSHINI. M	B
60	813817104064	RADHIKA. M	B
61	813817104065	RAGAVI. R	B
62	813817104066	RAJA RAM. B	B
63	813817104067	RAMASAMY. M	B+
64	813817104068	RANIA ANJUM. S	B
65	813817104069	ROOPIKHA. G	B
66	813817104070	SAMSSON. J	B
67	813817104071	SANJAI DHARSHAN. N	B
68	813817104072	SANTHIYAA. A	B+
69	813817104073	SARIKA. K	B+
70	813817104074	SEMBARUTHI. RD	B
71	813817104075	SENTHURYA. S	B+

72	813817104076	SHAILAJA. M	B+
73	813817104077	SHALINI. P	B
74	813817104078	SHEIK ABDULLASHA. B	UA
75	813817104079	SHEIK MAGDHOOM. M	B
76	813817104080	SHREE HARINI. V.R	B
77	813817104081	SHRIHARINI. S	B
78	813817104082	SHRI HARINI. K	B+
79	813817104083	SHRUTHI SRIDHAR.	B
80	813817104084	SINDHU. S	B
81	813817104085	SIVADHARSHINI. B	B+
82	813817104086	SIVAKRISHNAN. S	UA
83	813817104087	SREEVIDYA BHARATHAN RAJALAKSHMI	A
84	813817104088	SRI HARI. V	UA
85	813817104089	SRIKRISHNAN. M	B+
86	813817104090	SRI LEKHA. T	A
87	813817104091	SRINATH. M	UA
88	813817104092	SRIRAM. S	B
89	813817104093	SUDARSAN. S	B
90	813817104094	SUDHARSHANA. V	A+
91	813817104095	SUGANYA ARAVAMUDAN	A
92	813817104096	SUSHMAA. B	B
93	813817104097	SUVETHA. S	B+
94	813817104098	SUVISHESHIYA. B	A
95	813817104099	SWETHA. S	B
96	813817104100	TAMILVANI. D	B+
97	813817104101	THIYAGARAJAN. S	B
98	813817104102	VAISHNAVI. M	B+
99	813817104103	VARSHINI. V	B+
100	813817104104	VEDHA. K	B
101	813817104105	VEERA HARISH. M	B+
102	813817104106	VIGNESH. N	B+
103	813817104107	VIGNESHRAJ. S	B
104	813817104108	VIGNESHWARAN. B	B+
105	813817104109	VIJAYABHASKAR. S	B
106	813817104110	VIJAYARADHIKA. P	B+
107	813817104111	VIJETHA. J	B+
108	813817104112	VINOTHA. P	A
109	813817104113	VISHNU PRIYA. S	B+
110	813817104114	VISHNU PRIYA. S	B

111	813817104115	VISUVAS ALEX. J	B
112	813817104301	AJITH KUMAR. M	B
113	813817104302	BAGATH IBRAHIM. A	U
114	813817104303	HUSSAIN AHAMED. R	B
115	813817104304	NANDHINI. V	B+
116	813817104305	ROSHAN KUMAR SINGH. V	U
117	813817104306	SAKTHI VASANTH. G	UA
118	813817104308	VASANTH RAJ. N	UA
No. of S Grade			0
No. of A Grade			4
No. of B Grade			40
No. of C Grade			48
No. of D Grade			0
No. of E Grade			0
Target for course outcome Attainment			65
No of students above the target			92
CO-Attainment University			77.00

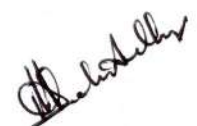
CO	CO-Attainment Internal (CO-INT) (Avg. Attainment of All section) (%)	CO-Attainment University (CO-UNI) (Avg. Attainment of All section) (%)	Direct CO Attainment (0.40xCO-INT + 0.60xCO-UNI) (%)	Indirect CO Attainment (Course End Survey)	Over all CO Attainment (0.8xDirect + 0.2xIndirect) (%)	Over all CO Attainment Level
C212.1	33.05	77.00	59.42	88.51	65.24	2
C212.2	39.83	77.00	62.13	86.78	67.06	2
C212.3	53.39	77.00	67.56	86.78	71.40	2
C212.4	40.68	77.00	62.47	82.18	66.41	2
C212.5	100.00	77.00	86.20	83.33	85.63	2
C212.6	100.00	77.00	86.20	82.76	85.51	2

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C212.1	3	3	3	3	1				2	2	1	2	3	3	2
C212.2	3	3	3	2	1				1	1	1	2	3	3	1
C212.3	3	3	3	2	1				2	1	1	2	3	3	1
C212.4	3	3	3	3	1				2	1	1	2	2	2	1
C212.5	3	3	3	2	1				3	1	1	2	2	2	1
C212.6	3	3	3	2	1				3	1	1	2	2	2	1
C212	3.00	3.00	3.00	2.33	1.00				2.17	1.17	1.00	2.00	2.50	2.50	1.17

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C212.1	2.00	2.00	2.00	2.00	0.67				1.33	1.33	0.67	1.33	2.00	2.00	1.33
C212.2	2.00	2.00	2.00	1.33	0.67				0.67	0.67	0.67	1.33	2.00	2.00	0.67
C212.3	2.00	2.00	2.00	1.33	0.67				1.33	0.67	0.67	1.33	2.00	2.00	0.67
C212.4	2.00	2.00	2.00	2.00	0.67				1.33	0.67	0.67	1.33	1.33	1.33	0.67
C212.5	2.00	2.00	2.00	1.33	0.67				2.00	0.67	0.67	1.33	1.33	1.33	0.67
C212.6	2.00	2.00	2.00	1.33	0.67				2.00	0.67	0.67	1.33	1.33	1.33	0.67
C212	2.00	2.00	2.00	1.56	0.67				1.44	0.78	0.67	1.33	1.67	1.67	0.78



 Staff-Incharge


 HOD - CSE



Saranathan College of Engineering, Trichy
Department of ECE

PO-PSO Attainment for 2012-2016

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Target	2.34	1.94	1.7	1.34	1.19	1.4	1.7	1.14	1.5	1.63	1.25	1.48	1.79	2.06
Attained	1.64	1.45	1.34	1.2	1.16	1.21	1.31	1.18	1.52	1.45	1.25	1.39	1.36	1.55

PO-PSO Attainment for 2013-2017

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Target	2.32	1.98	1.72	1.35	1.16	1.37	1.57	1.08	1.59	1.53	1.36	1.47	1.74	1.99
Attained	1.56	1.39	1.29	1.16	1.02	1.03	1.02	1.03	1.4	1.35	1.19	1.29	1.28	1.45

PO-PSO Attainment for 2014-2018

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Target	2.32	1.98	1.71	1.36	1.16	1.29	1.58	1.08	1.59	1.54	1.31	1.48	1.75	2.02
Attained	1.49	1.35	1.19	1.09	1.01	1.01	1.06	1.08	1.4	1.29	1.16	1.2	1.22	1.34

M. Sridhar
HOD/ECE



DEPARTMENT OF ECE

PROGRAM SPECIFIC OUTCOMES (PSO) ATTAINED
(BATCH -2013-2017)

Course Code	PSO1		PSO2	
	TARGET	ATTAINED	TARGET	ATTAINED
C101	1	1	2	2
C102	2	2	2	2
C103	1	0.28	-	-
C104	1	0.33	2	0.67
C105	1	0.44	2	0.89
C106	1	0.67	2	1.33
C107	1	1	2	2
C108	2	2	2	2
C109	-	-	2	2
C110	1	0.78	2	1.56
C111	1	0.56	2	1.11
C112	1	0.94	2	1.89
C113	1	0.67	2	1.33
C114	1.83	0.17	2	0.06
C115	2	0.56	3	0.83
C116	-	-	2	3
C117	1	1	2	2
C201	1	0.83	2	1
C202	3	0.6	3	0.75
C203	3	0	2	0
C204	2	0.89	2	0.89
C205	2	0.67	2	0.67
C206	2	0.11	1	0.06
C207	2	2	2	2
C208	1	1	-	-
C209	1.5	0	1.5	0
C210	2	0.56	1	0.28
C211	2	0.89	2	0.89
C212	2	0	2	0
C213	2	0.11	2	0.34
C214	2	1.11	2	1.11
C215	2	2	2	2
C216	2	2	2	2
C217	2	1.3	3	2
C301	2	1.11	2	1.11
C302	2	1.89	2	1.89
C303	2	0.89	2	0.89
C304	2	0.78	2	0.78
C305	2	0.11	2	0
C306	2	2	2	2
C307	2	2	2	2

C308	2	2	2	2
C309	-	-	2	0.89
C310	2	1.22	2	1.22
C311	2	0	2	0
C312	2	0.11	2	0.11
C313	2	0.89	2	0.89
C314	2	0.22	1	0.11
C315	1	1	2	2
C316	1.67	1.67	1.17	1.17
C317	1	0.67	-	-
C401	1	0.61	2	1.22
C402	2	0.34	2	0.34
C403	2	1	2	1
C404E2	3	2	3	2
C405E3	-	-	2	1.55
C406E4	2	1.33	2	1.33
C407	2	2	1	1
C408	1	1	2	2
C409	1	0.39	2	0.78
C410	-	-	2	0.22
C411E5	2	0.67	2	0.67
C412E6	-	-	2	1
C413	3	3	3	3
AVERAGE	1.74	0.95	1.99	1.18
Direct attainment *0.8		0.76		0.94
Indirect attainment		2.64		2.66
Indirect attainment*0.2		0.53		0.53
overall attainment		1.28		1.45


HOD/ECE



SARANATHAN COLLEGE OF ENGINEERING

DEPARTMENT OF ECE

PROGRAM OUTCOMES (PO) ATTAINED (BATCH -2013-2017)

Course Code	PO1		PO2		PO3		PO4		PO5		PO6		PO7		PO8		PO9		PO10		PO11		PO12	
	TARGET	ATTAINED	TARGET	ATTAINED	TARGET	ATTAINED	TARGET	ATTAINED	TARGET	ATTAINED	TARGET	ATTAINED	TARGET	ATTAINED	TARGET	ATTAINED	TARGET	ATTAINED	TARGET	ATTAINED	TARGET	ATTAINED	TARGET	ATTAINED
C101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3.00	3	3.00	2	2.00	3	3.00
C102	3	3.00	2.00	2.00	2	2.00	1	1.00	-	-	-	-	-	-	-	-	1	1.00	1	1.00	1	1.00	2	2.00
C103	3	2.00	2.83	1.89	2	1.33	2	1.33	1	0.61	1	0.17	1	0.06	-	-	-	-	1	0.06	1	0.17	1	0.17
C104	3	1	2.00	0.67	1	0.33	1	0.33	-	-	-	-	2	0.67	-	-	-	-	-	-	-	-	1	0.33
C105	3	1.33	2.00	0.89	2	0.89	1	0.44	1	0.44	-	-	-	-	-	-	2	0.89	2	0.89	1	0.44	2	0.89
C106	3	2.00	2.00	1.33	2	1.33	2	1.33	1	0.67	-	-	-	-	-	-	1	0.67	3	2.00	1	0.67	1	0.67
C107	3	3.00	2.00	2.00	2	2.00	1	1.00	1	1.00	-	-	-	-	1	1.00	2	2.00	2	2.00	1	1.00	2	2.00
C108	3	3.00	2.00	2.00	2	2.00	1	1.00	-	-	2	2.00	-	-	1	1.00	3	3.00	2	2.00	1	1.00	1	1.00
C109	3	3.00	2.00	2.00	2	2.00	2	2.00	-	-	1	1.00	-	-	1	1.00	2	2.00	2	2.00	1	1.00	1	1.00
C110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2.33	3	2.33	2	1.56	3	2.33
C111	3	1.67	2.00	1.11	2	1.11	1	0.56	-	-	-	-	-	-	-	-	1	0.56	1	0.56	1	0.56	2	1.11
C112	3	2.83	2.00	1.89	2	1.89	1	0.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.94
C113	3	2.00	2.00	1.33	1	0.67	1	0.67	-	-	1	0.67	2	1.33	-	-	1	0.67	2	1.33	1	0.67	1	0.67
C114	3	0.17	2	0.11	2	0.11	1	0.06	-	-	2	0.11	3	0.00	-	-	2	0.06	2	0.11	1	0.06	1	0.06
C115	3	0.83	2	0.56	2	0.56	2	0.56	-	-	-	-	-	-	-	-	2	0.56	2	0.56	2	0.28	2	0.56
C116	3	3.00	2.00	2.00	2	2.00	2	2.00	-	-	1	2.00	-	-	1	1.00	2	2.00	2	2.00	1	1.00	1	1.00
C117	3	3.00	2	2.00	2	2.00	1	1.00	1	1.00	-	-	-	-	1	1.00	2	2.00	2	2.00	1	1.00	2	2.00
C201	2	0.56	1.5	0.39	-	-	-	-	1	0.22	-	-	-	-	-	-	3	0.83	1	0.28	1	0.25	1.00	0.28
C202	3	0.83	3	0.83	3	0.83	3	0.67	3	0.80	3	0.83	1	0.39	-	-	-	-	-	-	3	0.67	3	2.00
C203	3	0.00	3	0.00	2	0.00	2	0.00	1	0.00	-	-	-	-	-	-	-	-	1	0.00	-	-	-	-
C204	2	0.00	2	0.00	2	0.00	1	0.00	1	0.00	-	-	-	-	-	-	-	-	1	0.00	-	-	1	0.00
C205	2	0.67	2	0.67	2	0.67	1	0.33	1	0.33	-	-	-	-	-	-	-	-	1	0.33	-	-	1	0.33
C206	2	0.11	1	0.06	1	0.06	-	-	-	-	2	0.11	2	0.11	1	0.06	-	-	1	0.06	-	-	-	-
C207	2	2.00	2	2.00	1	1.00	1	1.00	1	1.00	-	-	-	-	-	-	1	1.00	2	2.00	1	1.00	1	1.00
C208	2	2.00	2	1.00	2	1.00	2	1.00	1	1.00	-	-	-	-	-	-	1	1.00	1	1.00	-	-	-	1.00
C209	2	0.00	2	0.00	-	-	-	-	1	0.00	-	-	-	-	-	-	-	-	1	0.00	1	0.00	1.5	0.00
C210	2	0.56	1	0.28	1	0.28	-	-	-	-	2	0.56	2	0.56	1	0.28	-	-	1	0.28	-	-	-	-
C211	2	0.89	2	0.89	2	0.89	1	0.44	1	0.44	-	-	-	-	-	-	-	-	1	0.44	-	-	1	0.44
C212	2	0.00	2	0.00	2	0.00	1	0.00	1	0.00	-	-	-	-	-	-	-	-	1	0.00	-	-	1	0.00
C213	2	0.11	2	0.11	2	0.11	1	0.06	1	0.06	-	-	-	-	-	-	-	-	1	0.06	-	-	1	0.06
C214	2	1.11	2	1.11	2	1.11	1	0.56	1	0.56	-	-	-	-	-	-	-	-	1	0.56	-	-	1	0.56
C215	2	2.00	2	2.00	1	1.00	1	1.00	1	1.00	-	-	-	-	-	-	1	-	2	2.00	1	1.00	1	1.00
C216	2	2.00	2	2.00	1.67	1.70	1.16	1.20	1.5	1.50	-	-	-	-	-	-	-	-	-	-	-	-	1	1.00
C217	3	2.00	3	2.00	2	1.30	2	1.30	1	0.67	1	0.67	-	-	-	-	2	1.30	3	2.00	2	1.30	3	2.00
C301	2	1.11	2	1.11	1	0.56	1	0.56	1	0.56	1	0.33	1	0.56	-	-	-	-	1	0.56	1	0.56	1	0.56
C302	2	1.89	2	1.89	2	1.89	2	1.89	2	1.89	2	1.89	2	1.89	1	0.94	1	0.94	1	0.94	2	1.89	2	1.89
C303	2	0.89	2	0.89	2	0.89	1	0.44	1	0.44	-	-	1	0.44	-	-	-	-	1	0.44	-	-	1	0.44
C304	2	0.78	-	-	-	-	-	-	-	-	1	0.39	3	1.17	2	0.78	1	0.39	2	0.78	-	-	2	0.78



Saranathan college of Engineering Department of ECE

The Attainment of Co of all the Courses (Batch: 2013-2017):

S.NO	Course code/Name	Target (%)	Attainment (%)	CO attainment level
1	C101 (HS6151 / Technical English I)	60	88.21	3
			94.70	3
			94.70	3
			82.74	3
			92.31	3
			84.79	3
2	C102(MA6151-MATHEMATICS - I)	60	92.45	3
			94.16	3
			93.14	3
			85.61	3
			83.56	3
			84.25	3
3	C103 (PH 6151 / ENGINEERING PHYSICS I)	65	77.95	2
			80.00	3
			83.08	3
			71.11	2
			67.01	1
			66.32	1
4	C104 (CY 6151/Engineering Chemistry -I)	65	70.10	2
			74.54	2
			66.66	1
			57.78	0
			55.74	0
			67.02	1
5	C105 (GE6151 / COMPUTER PROGRAMMING)	65	70.64	2
			71.32	2
			78.48	2
			72.00	2
			48.40	0
			48.40	0
6	C106 (GE6152 / ENGINEERING GRAPHICS)	60	74.11	2
			70.01	2
			74.11	2
			70.69	2
			74.45	2
			76.50	2
7	C107 (GE6161 / COMPUTER PRACTICES LAB)	80	100.00	3
			100.00	3
			100.00	3
			100.00	3
			100.00	3
			100.00	3
8	C108 (GE6162 / ENGINEERING PRACTICES LAB)	80	86.15	3
			86.15	3

			86.15	3
			86.15	3
			86.15	3
			86.15	3
9	C109 (GE 6163 / PHYSICS CHEM LAB)	80	95.46	3
			95.46	3
			95.46	3
			95.46	3
			95.46	3
			95.46	3
10	C110 (HS6251 / Technical English II)	60	80.69	3
			92.41	3
			94.14	3
			72.07	2
			91.72	3
			55.86	0
11	C111 (MA6251-MATHEMATICS - II)	60	70.09	2
			66.67	1
			63.93	1
			71.45	2
			72.48	2
			71.79	2
12	C112 (PH 6251 / ENGINEERING PHYSICS II)	65	92.99	3
			88.55	3
			89.91	3
			83.76	3
			82.74	3
			77.61	2
13	C113 (CY 6251/Engineering Chemistry -II)	65	70.85	2
			70.53	2
			72.25	2
			77.41	2
			82.93	3
			67.81	1
14	C114 (EC6201/ ELECTRONIC DEVICES)	65	48.19	0
			48.19	0
			54.71	0
			60	1
			48.54	0
			48.59	0
15	C115(EE6201 /Circuit Theory)	60	65.56	1
			67.56	1
			64.36	1
			78.76	2
			46.36	0
			52.76	0
16	C116(GE6262 / PHYSICS & CHEMISTRY LABORAORY -II)	80	98.97	3
			98.97	3
			98.97	3
			98.97	3
			98.97	3
			98.97	3
17	C117(EC6211/CIRCUITS AND DEVICES LAB)	80	98.45	3
			98.45	3

			98.45	3
			98.45	3
			98.45	3
			98.45	3
18	C201 (EC6304 / Transforms and Partial Differential Equations)	60	61.27	1
			63.40	1
			63.40	1
			63.40	1
			36.84	0
			61.57	1
19	C202 (EC6304 / Electrical Engineering and Instrumentation)	60	58.38	0
			61.73	1
			60.21	1
			60.21	1
			45.55	0
			73.03	2
20	C203(EC6301/ Object Oriented Programming and Data structures)	65	43.25	0
			43.56	0
			39.90	0
			39.90	0
			17.91	0
			48.75	0
21	C204 (EC6302 / Digital Electronics)	65	43.63	0
			44.24	0
			37.52	0
			37.52	0
			19.81	0
			46.38	0
22	C205(EC6303/ Signal and Sytsems)	60	66.40	1
			67.01	1
			64.26	1
			64.26	1
			38.61	0
			70.98	2
23	C206 (EC6304 / Electronic Circuits-I)	60	45.63	0
			48.38	0
			50.82	0
			50.82	0
			27.62	0
			61.51	1
24	C207(EC 6311/ANALOG AND DIGITAL CIRCUITS LAB)	80	100	3
			100	3
			100	3
			100	3
			100	3
			100	3
25	C208 (EC 6361/OOPS and DS LAB)	80	98.6	3
			98.6	3
			98.6	3
			98.6	3
			98.6	3
			98.6	3
26	C209 (MA6451 / Probability & Random	60	53.57	0

	Process)		55.10	0
			46.24	0
			46.24	0
			30.67	0
			59.68	0
27	C210 (EC6401/ Electronic Circuits-II)	65	59.22	0
			61.06	1
			67.78	1
			67.78	1
			40.62	0
			75.42	2
28	C211 (EC6402 / Communication Theory)	65	60.98	1
			63.42	1
			74.41	2
			74.41	2
			43.88	0
			79.92	2
29	C212(EC6403/ Electromagnetic Fields)	60	47	0
			49	0
			57	0
			56	0
			31	0
			59	0
30	C213(EC6404/ Linear Integrated Circuits)	65	53.81	0
			55.61	0
			57.77	0
			57.77	0
			37.92	0
			69.05	1
31	C214 (EC6405/ Control System Engineering)	65	71.91	2
			72.52	2
			75.27	2
			75.27	2
			48.4	0
			78.93	2
32	C215(EC 6411/Circuits and simulation Integrated Lab)	80	100	3
			100	3
			100	3
			100	3
			100	3
			100	3
33	C216(EC6412/Linear Integrated Circuits Lab)	80	100	3
			100	3
			100	3
			100	3
			100	3
			100	3
34	C217(EE 6461/ELECTRICAL ENGINEERING AND CONTROL SYSYTEM LAB)	80	74.78	2
			74.78	2
			74.78	2
			74.78	2
			74.78	2

			74.78	2
35	C301(EC6501/ Digital Communication)	65	70.27	2
			68.59	1
			70.75	2
			81.07	3
			66.76	1
			66.67	1
36	C302(EC6502/ Principles of Digital Signal Processing)	60	79.26	2
			90.14	3
			88.30	3
			90.86	3
			83.08	3
			83.26	3
37	C303(EC6503/ Transmission Lines & Waveguides)	60	70.61	2
			66.61	1
			66.61	1
			71.84	2
			69.38	1
			69.38	1
38	C304(GE6351- ENVIRONMENTAL SCIENCE AND ENGINEERING)	65	68.00	1
			68.00	1
			68.00	1
			78.95	2
			62.76	1
			62.80	1
39	C305(EC6504/ MICROPROCESSOR AND MICROCONTROLLER)	65	51.23	0
			49.8	0
			48.27	0
			67.85	1
			59.85	0
			59.85	0
40	C306(EC6511/DIGITAL SIGNAL PROCESSING LABORAORY)	80	97.76	3
			97.76	3
			97.76	3
			97.76	3
			97.66	3
			97.56	3
41	C307(EC6512/COMMUNICATION SYSTEM LAB)	80	100.00	3
			100.00	3
			100.00	3
			100.00	3
			100.00	3
			100.00	3
42	C308(EC6513/MICROPROSESSOR & MICROCONTROLLER LAB)	80	100.00	3
			100.00	3
			100.00	3
			100.00	3
			100.00	3
			100.00	3
43	C309(MG6851/Principles of Management)	65	73.10	2
			68.60	1
			56.40	0
			77.00	2

			50.10	0
			87.10	3
44	C310 (CS6303 /COMPUTER ARCHITECTURE)	65	72.79	2
			70.91	2
			76.47	2
			73.99	2
			73.07	2
			67.5	1
45	C311(CS6551/COMPUTER NETWORKS)	65	42.00	0
			43.20	0
			45.00	0
			44.40	0
			42.60	0
			42.60	0
46	C312(EC6601-VLSI Design)	65	59.10	0
			50.10	0
			50.40	0
			53.10	0
			64.40	1
			50.10	0
47	C313(EC6602/Antenna and Wave Propagation)	65	66.90	1
			68.40	1
			68.70	1
			63.10	1
			71.40	2
			71.40	2
48	C314(EC6001/Medical Electronics)	65	52.3	0
			53.8	0
			47.2	0
			55.3	0
			40.1	0
			71.7	2
49	C315 (EC6611/ Computer Networks Lab)	80	94.32	3
			94.32	3
			94.32	3
			94.32	3
			94.32	3
			94.32	3
50	C316(EC6612/VLSI Design LAB)	80	92.84	3
			92.84	3
			92.84	3
			92.84	3
			92.84	3
			92.84	3
51	C401 (EC6701- RF & MICROWAVE ENGINEERING)	65	74.768	2
			66.46	1
			68	1
			81.844	3
			81.228	3
			68	1
52	C402 (EC6702/OPTICAL COMMUNICATION & NETWORKS)	65	64.464	1
			50.924	0
			49.692	0

			65.384	1
			65.384	1
			49.384	0
53	C403 (EC 6703 / Embedded Systems)	65	60.618	1
			60.618	1
			80.31	3
			68.618	1
			81.234	3
			59.078	0
54	C4E2 (IT6005 / Digital Image Processing)	65	73.5388	2
			73.5388	2
			79.0772	2
			72.616	2
			74.1544	2
			76.0004	2
55	C4E3 (EC6007 / Speech Processing)	65	77.994	2
			77.994	2
			79.534	2
			84.15	3
			75.842	2
			81.382	3
56	C4E4 (EC6016 / Opto Electronic Devices)	65	76.952	2
			76.656	2
			75.76	2
			81.728	3
			67.104	1
			74.864	2
57	C407 (EC6711 / EMBEDDED LAB)	80	100.00	3
			100.00	3
			100.00	3
			100.00	3
			100.00	3
			100.00	3
58	C408 (EC6712 / Optical & Microwave lab)	80	100.00	3
			100.00	3
			100.00	3
			100.00	3
			100.00	3
			100.00	3
59	C4E9 (EC6801 / Wireless communication)	65	78.49	2
			78.49	2
			79.69	2
			71.69	2
			57.69	0
			57.69	0
60	C4E10 (EC6802/WIRELESS NETWORKS)	65	56.738	0
			56.338	0
			68.738	1
			56.738	0
			55.138	0
			61.938	1
61	C4E5 (EC6018 / Multimedia Compression & Communication)	65	74.028	2
			74.028	2

			70.028	2
			70.028	2
			48.428	0
			48.028	0
62	C4E6 (CS6701/Cryptography and Network Security)	65	80.49	3
			70.09	2
			72.89	2
			66.49	1
			68.89	1
			48.89	0
			100.00	3
63	C413 (EC6811 / PROJECT WORK)	80	100.00	3
			100.00	3
			100.00	3
			100.00	3
			100.00	3
			100.00	3

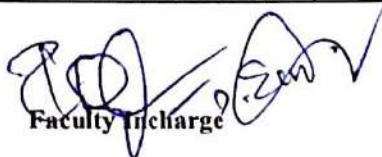

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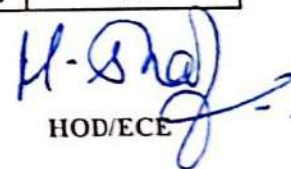


COURSE CODE: EC6612			BATCH: 2015-2019								
COURSE TITLE :VLSI DESIGN LAB			YEAR/SEM: III/VI								
FACULTY INCHARGE: J.EINDHUMATHY & R.DEVI			CLASS/SEC: III ECE A & B								
ATTAINMENT LEVEL: Level 1: 0 - 60% of the students scored more than target Level 2: 61 - 89% of the students scored more than target Level 3: 90 - 100% of the students scored more than target			TOTAL STRENGTH							131	
			* Target (%)							80	
S.No	AU Reg. No.	Name of the Student	Experiment No								Final Mark
			1	2	3	4	5	6	7	8	
1	813815106001	ABINAYA.M	100	100	100	100	100	100	100	100	100
2	813815106002	ABINAYA.R	100	100	100	100	100	100	100	100	100
3	813815106003	ADHISAYA .A.	100	100	100	100	100	100	100	100	100
4	813815106004	AHILANDAESWARI .N	95	92.5	100	92.5	92.5	92.5	97.5	97.5	95
5	813815106005	AJAY.A	75	82.5	70	82.5	77.5	90	77.5	85	80
6	813815106007	ALLEN RUFES.A	75	82.5	70	82.5	77.5	90	77.5	85	80
7	813815106008	ARCHANA. M.R	100	100	100	100	100	100	100	100	100
8	813815106009	ASWINI.D	100	100	100	100	100	100	100	100	100
9	813815106010	BHAMINI.J.A	100	100	100	100	100	100	100	100	100
10	813815106011	BHARATHAN. S	100	100	100	100	100	100	100	100	100
11	813815106012	BHARATHI RAJA. T	100	100	100	100	100	100	100	100	100
12	813815106013	BHUVANESWARI. K	100	100	100	100	100	100	100	100	100
13	813815106014	CHARU NIVEDHA.R	95	92.5	100	92.5	92.5	92.5	97.5	97.5	95
14	813815106015	CHELLAKIRANYA. C	95	92.5	100	92.5	92.5	92.5	97.5	97.5	95
15	813815106016	DEEPIKA. T	100	100	100	100	100	100	100	100	100
16	813815106017	DHANALAKSHMI. A	100	100	100	100	100	100	100	100	100
17	813815106018	DHIVYA. M	100	100	100	100	100	100	100	100	100
18	813815106019	DHIVYASHREE.C	95	92.5	100	92.5	92.5	92.5	97.5	97.5	95
19	813815106020	DOMINIC.C	95	92.5	100	92.5	92.5	92.5	97.5	97.5	95
20	813815106021	EIAZ HUSSAIN.R	95	92.5	100	92.5	92.5	92.5	97.5	97.5	95
21	813815106022	ELAM BHARATHI. G	95	92.5	100	92.5	92.5	92.5	97.5	97.5	95
22	813815106023	FAAMEEDHA BEGAM. A	100	100	100	100	100	100	100	100	100
23	813815106024	FELIX. J	100	100	100	100	100	100	100	100	100
24	813815106025	GAJALAKSHMI. C	95	92.5	100	92.5	92.5	92.5	97.5	97.5	95
25	813815106026	GEETHA. V	100	100	100	100	100	100	100	100	100
26	813815106027	GOPINATH.V	100	100	100	100	100	100	100	100	100
27	813815106028	GOUTHAM.B	100	100	100	100	100	100	100	100	100
28	813815106029	GUNANITHI. P	85	82.5	100	82.5	92.5	82.5	97.5	97.5	90
29	813815106030	GUNASEELI.R	95	92.5	100	92.5	92.5	92.5	97.5	97.5	95
30	813815106031	HARI PRIYA.S	100	100	100	100	100	100	100	100	100
31	813815106032	INFANT ANTO SINTHIYAJ	100	100	100	100	100	100	100	100	100
32	813815106033	INFENCE FRANKA.J	100	100	100	100	100	100	100	100	100
33	813815106034	JAGADISAN.S	75	82.5	70	82.5	77.5	90	77.5	85	80
34	813815106035	JANANI.E	95	92.5	100	92.5	92.5	92.5	97.5	97.5	95
35	813815106036	JANITHAA .D	95	92.5	100	92.5	92.5	92.5	97.5	97.5	95
36	813815106037	JAYAKOKELA.S	100	100	100	100	100	100	100	100	100
37	813815106039	JOSHUA. P	85	82.5	100	82.5	92.5	82.5	97.5	97.5	90
38	813815106040	KALPANA. N	100	100	100	100	100	100	100	100	100
39	813815106041	KAMILA FATHIMA JOHARAN BEEVI .N	100	100	100	100	100	100	100	100	100
40	813815106042	KASTHURI. A	85	82.5	100	82.5	92.5	82.5	97.5	97.5	90
41	813815106043	KAVIYA. G	100	100	100	100	100	100	100	100	100
42	813815106044	KAVIYA .S	100	100	100	100	100	100	100	100	100
43	813815106045	KEERTHANA. C.K	100	100	100	100	100	100	100	100	100
44	813815106046	KEERTHANA.G	85	82.5	100	82.5	92.5	82.5	97.5	97.5	90
45	813815106047	KEERTHANA .R	100	100	100	100	100	100	100	100	100
46	813815106048	KEERTHANA.RA	95	92.5	100	92.5	92.5	92.5	97.5	97.5	95
47	813815106049	KISHORE R	95	92.5	100	92.5	92.5	92.5	97.5	97.5	95
48	813815106050	KRISHNAKUMAR.T.R	100	100	100	100	100	100	100	100	100
49	813815106051	LAVANYA. P	100	100	100	100	100	100	100	100	100
50	813815106052	LAVANYA .S.	100	100	100	100	100	100	100	100	100
51	813815106053	LEONSIS KANAGA ROSHINI. J	100	100	100	100	100	100	100	100	100

52	813815106054	MAHESWARI. L	100	100	100	100	100	100	100	100	100
53	813815106055	MALINI. S	100	100	100	100	100	100	100	100	100
54	813815106056	MANIJA. M	100	100	100	100	100	100	100	100	100
55	813815106057	MANIKANDAN. M	100	100	100	100	100	100	100	100	100
56	813815106058	MANICKUMAR. R	100	100	100	100	100	100	100	100	100
57	813815106059	MARIAMMAL. G	100	100	100	100	100	100	100	100	100
58	813815106060	MEERA. M	100	100	100	100	100	100	100	100	100
59	813815106061	MEGALA. N	100	100	100	100	100	100	100	100	100
60	813815106062	MERCILDA. G	100	100	100	100	100	100	100	100	100
61	813815106063	MOHANDOSS. S	100	100	100	100	100	100	100	100	100
62	813815106065	MONISHA SHREE. S	100	100	100	100	100	100	100	100	100
63	813815106066	MUKESH RAJ. M	100	100	100	100	100	100	100	100	100
64	813815106067	MUTHU LAVANYA. B	100	100	100	100	100	100	100	100	100
65	813815106068	NANDA KUMAR. S	100	100	100	100	100	100	100	100	100
66	813815106069	NANDHINI. N	100	100	100	100	100	100	100	100	100
67	813815106071	NIRANJANI. P. C	100	100	100	100	100	100	100	100	100
68	813815106072	NITHYA PRIYADHARSHINI. S	100	100	100	100	100	100	100	100	100
69	813815106073	NIIVETHAA. R	100	100	100	100	100	100	100	100	100
70	813815106074	POOJITHA. S	100	100	100	100	100	100	100	100	100
71	813815106075	POORNAPRIYA. K	100	100	100	100	100	100	100	100	100
72	813815106076	PRAGATHI. S	100	100	100	100	100	100	100	100	100
73	813815106077	PRASANA KUMAR. B	100	100	100	100	100	100	100	100	100
74	813815106078	PRATHI NISHA. A	100	100	100	100	100	100	100	100	100
75	813815106079	PREETHA. B	100	100	100	100	100	100	100	100	100
76	813815106080	PREETHI. G	100	100	100	100	100	100	100	100	100
77	813815106081	PREETHI. M	100	100	100	100	100	100	100	100	100
78	813815106082	PRIADHARSHINI. S	100	100	100	100	100	100	100	100	100
79	813815106083	PRIYADHARSHINI. K	100	100	100	100	100	100	100	100	100
80	813815106084	PRIYADHARSHINI. P	100	100	100	100	100	100	100	100	100
81	813815106086	PRIYANKA. T	100	100	100	100	100	100	100	100	100
82	813815106087	RAGURAAM. S	100	100	100	100	100	100	100	100	100
83	813815106088	RAJAMEENAKSHI. S	100	100	100	100	100	100	100	100	100
84	813815106089	RIZWANA BATCHA. R	100	100	100	100	100	100	100	100	100
85	813815106090	SANCHANA. B	100	100	100	100	100	100	100	100	100
86	813815106091	SANTHIYA. D	100	100	100	100	100	100	100	100	100
87	813815106092	SANTHOSH KUMAR. M	100	100	100	100	100	100	100	100	100
88	813815106093	SARANYA. P	100	100	100	100	100	100	100	100	100
89	813815106094	SASIKALA. PL.	100	100	100	100	100	100	100	100	100
90	813815106095	SATHYA SIVARANJANI. M. S	100	100	100	100	100	100	100	100	100
91	813815106096	SELVARANI. K	100	100	100	100	100	100	100	100	100
92	813815106097	SHAILA BANU. M	100	100	100	100	100	100	100	100	100
93	813815106098	SHALEENI PRIYA. R. K	100	100	100	100	100	100	100	100	100
94	813815106099	SHALINI. G	100	100	100	100	100	100	100	100	100
95	813815106100	SHANTHI. T	100	100	100	100	100	100	100	100	100
96	813815106101	SHUNMATHI. M	100	100	100	100	100	100	100	100	100
97	813815106102	SINDHUJA. C	100	100	100	100	100	100	100	100	100
98	813815106103	SIVA SOWNDARIYA. M	100	100	100	100	100	100	100	100	100
99	813815106105	SOWNDARYA. S	100	100	100	100	100	100	100	100	100
100	813815106106	SRIGNANESHWARI. C	100	100	100	100	100	100	100	100	100
101	813815106107	SRI LAKSHMI DEVI. B	100	100	100	100	100	100	100	100	100
102	813815106108	SRUTHI. K	100	100	100	100	100	100	100	100	100
103	813815106109	SUGASINI. K	100	100	100	100	100	100	100	100	100
104	813815106110	SUKITHA. R	100	100	100	100	100	100	100	100	100
105	813815106111	SURYA. H	100	100	100	100	100	100	100	100	100
106	813815106112	THARANGINI. S	100	100	100	100	100	100	100	100	100
107	813815106113	UDHAYAKUMAR. G	100	100	100	100	100	100	100	100	100
108	813815106114	UMESHWARAN. M	100	100	100	100	100	100	100	100	100
109	813815106115	VAISHNAVI. G	100	100	100	100	100	100	100	100	100
110	813815106116	VAKSHINI. S	100	100	100	100	100	100	100	100	100
111	813815106117	VENKATASUBRAMANIAN. R	100	100	100	100	100	100	100	100	100
112	813815106118	VENKATESH. M	100	100	100	100	100	100	100	100	100
113	813815106119	VIJAYABHARATHI. D	100	100	100	100	100	100	100	100	100
114	813815106120	VINITHA. S	100	100	100	100	100	100	100	100	100
115	813815106121	YOGESWARI. N	100	100	100	100	100	100	100	100	100
116	813815106301	ALLEN ANBARASAN. R	75	82.5	70	82.5	77.5	90	77.5	85	80
117	813815106302	AMAR ABDULLAH. S	75	82.5	70	82.5	77.5	90	77.5	85	80
118	813815106303	BORES. A	75	82.5	70	82.5	77.5	90	77.5	85	80
119	813815106304	ILAKKIA. E	100	100	100	100	100	100	100	100	100

120	813815106305	JEVAPRIYA, K	100	100	100	100	100	100	100	100	100
121	813815106306	LOGESHWARI, R	100	100	100	100	100	100	100	100	100
122	813815106307	MADHAVAN, S	100	100	100	100	100	100	100	100	100
123	813815106308	PRIYADHARSHINI, G	100	100	100	100	100	100	100	100	100
124	813815106309	RAMKUMAR, S	100	100	100	100	100	100	100	100	100
125	813815106310	SARAVANAN, T	75	82.5	70	82.5	77.5	90	77.5	85	80
126	813815106311	SEENIVASAN, M	75	82.5	70	82.5	77.5	90	77.5	85	80
127	813815106312	SHOBANA, R	100	100	100	100	100	100	100	100	100
128	813815106314	TAMILSELVAN, R	75	82.5	70	82.5	77.5	90	77.5	85	80
129	813815106315	VIGNESH, S	100	100	100	100	100	100	100	100	100
130	813815106316	VIJAY, R	100	100	100	100	100	100	100	100	100
131	813815106701	SHERRIN TERESAA, AJ	95	92.5	100	92.5	92.5	92.5	97.5	97.5	95
No. of Students scored above Target Value			122	131	122	131	122	131	122	131	
Percentage of Students scored above Target			93	100	93	100	93	100	93	100	
Level			3	3	3	3	3	3	3	3	
CO-Attainment Internal (CO-INT)			93	100	93	100	93	98			


Faculty Incharge


HOD/ECE



SARANATHAN COLLEGE OF ENGINEERING, Tiruchirappalli - 620012

DEPARTMENT OF ECE

COURSE END SURVEY

ACADEMIC YEAR : 2017 - 2018 (EVEN SEM)

Year /Sem: III / VI

Batch:2015-2019

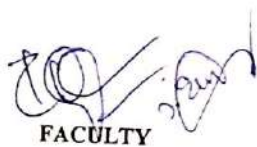
Course : EC6612 (C316) -VLSI Design Lab

BATCHNO	SUBCODE	CO1	CO2	CO3	CO4	CO5	CO6	FDATE	BRANCH	SEM	SEC	SEMPERIOD
182001	EC6612	3	2	2	3	3	2	10-APR-18	ECE	6	A	17-18EVEN
182002	EC6612	3	2	1	2	1	2	10-APR-18	ECE	6	A	17-18EVEN
182003	EC6612	2	2	2	2	2	2	10-APR-18	ECE	6	A	17-18EVEN
182004	EC6612	2	2	2	2	2	1	10-APR-18	ECE	6	A	17-18EVEN
182005	EC6612	2	2	2	1	3	1	10-APR-18	ECE	6	A	17-18EVEN
182008	EC6612	2	3	3	2	2	3	10-APR-18	ECE	6	A	17-18EVEN
182009	EC6612	2	2	1	2	2	1	10-APR-18	ECE	6	A	17-18EVEN
182010	EC6612	2	3	2	1	1	2	10-APR-18	ECE	6	A	17-18EVEN
182011	EC6612	1	*1	2	2	1	1*	10-APR-18	ECE	6	A	17-18EVEN
182012	EC6612	2	2	2	2	1	1	10-APR-18	ECE	6	A	17-18EVEN
182013	EC6612	2	1	1	1	1	1	10-APR-18	ECE	6	A	17-18EVEN
182015	EC6612	3	3	3	3	3	3	10-APR-18	ECE	6	A	17-18EVEN
182016	EC6612	2	3	3	2	3	3	10-APR-18	ECE	6	A	17-18EVEN
182018	EC6612	2	3	2	3	2	3	10-APR-18	ECE	6	A	17-18EVEN
182019	EC6612	2	3	2	2	2	3	10-APR-18	ECE	6	A	17-18EVEN
182020	EC6612	3	1	2	1	2	1	10-APR-18	ECE	6	A	17-18EVEN
182021	EC6612	2	3	3	2	3	2	10-APR-18	ECE	6	A	17-18EVEN
182022	EC6612	2	3	2	2	3	3	10-APR-18	ECE	6	A	17-18EVEN
182023	EC6612	2	2	1	2	2	2	10-APR-18	ECE	6	A	17-18EVEN
182024	EC6612	2	3	2	3	2	2	10-APR-18	ECE	6	A	17-18EVEN
182025	EC6612	3	3	3	3	3	3	10-APR-18	ECE	6	A	17-18EVEN
182026	EC6612	2	1	1	2	2	1	10-APR-18	ECE	6	A	17-18EVEN
182027	EC6612	1	1	1	1	1	1	10-APR-18	ECE	6	A	17-18EVEN
182028	EC6612	3	3	3	3	3	3	10-APR-18	ECE	6	A	17-18EVEN
182032	EC6612	2	2	2	2	1	1	10-APR-18	ECE	6	A	17-18EVEN
182033	EC6612	3	2	3	2	3	2	10-APR-18	ECE	6	A	17-18EVEN

182035	EC6612	3	3	3	3	3	3	10-APR-18	ECE	6	A	17-18EVEN
182036	EC6612	1	1	2	1	2	1	10-APR-18	ECE	6	A	17-18EVEN
182037	EC6612	2	2	2	2	2	2	10-APR-18	ECE	6	A	17-18EVEN
182039	EC6612	3	2	3	3	3	2	10-APR-18	ECE	6	A	17-18EVEN
182040	EC6612	1	2	1	1	2	2	10-APR-18	ECE	6	A	17-18EVEN
182041	EC6612	3	2	2	2	1	1	10-APR-18	ECE	6	A	17-18EVEN
182043	EC6612	2	1	1	2	1	2	10-APR-18	ECE	6	A	17-18EVEN
182044	EC6612	2	2	2	1	2	1	10-APR-18	ECE	6	A	17-18EVEN
182045	EC6612	2	2	2	3	2	3	10-APR-18	ECE	6	A	17-18EVEN
182047	EC6612	3	2	3	2	3	2	10-APR-18	ECE	6	A	17-18EVEN
182048	EC6612	3	3	3	3	3	3	10-APR-18	ECE	6	A	17-18EVEN
182049	EC6612	3	3	2	1	2	3	10-APR-18	ECE	6	A	17-18EVEN
182050	EC6612	2	2	2	2	1	1	10-APR-18	ECE	6	A	17-18EVEN
182051	EC6612	3	3	3	3	3	3	10-APR-18	ECE	6	A	17-18EVEN
182052	EC6612	1	1	2	2	1	1	10-APR-18	ECE	6	A	17-18EVEN
182053	EC6612	2	2	2	2	2	2	10-APR-18	ECE	6	A	17-18EVEN
182054	EC6612	1	3	1	3	1	3	10-APR-18	ECE	6	A	17-18EVEN
182056	EC6612	3	3	2	3	3	3	10-APR-18	ECE	6	A	17-18EVEN
182057	EC6612	2	2	1	1	2	2	10-APR-18	ECE	6	A	17-18EVEN
182058	EC6612	3	3	3	3	3	3	10-APR-18	ECE	6	A	17-18EVEN
182059	EC6612	2	1	1	3	2	0	10-APR-18	ECE	6	A	17-18EVEN
182060	EC6612	2	1	1	1	1	2	10-APR-18	ECE	6	A	17-18EVEN
182129	EC6612	2	2	2	2	3	3	10-APR-18	ECE	6	A	17-18EVEN
182130	EC6612	2	2	3	2	3	2	10-APR-18	ECE	6	A	17-18EVEN
182140	EC6612	3	3	3	3	3	3	10-APR-18	ECE	6	A	17-18EVEN
182061	EC6611	3	2	2	1	2	1	10-APR-18	ECE	6	B	17-18EVEN
182062	EC6611	3	2	2	3	2	3	10-APR-18	ECE	6	B	17-18EVEN
182063	EC6611	1	3	1	3	1	3	10-APR-18	ECE	6	B	17-18EVEN
182065	EC6611	3	3	3	3	2	2	10-APR-18	ECE	6	B	17-18EVEN
182066	EC6611	2	2	3	2	3	3	10-APR-18	ECE	6	B	17-18EVEN
182067	EC6611	3	2	2	2	2	1	10-APR-18	ECE	6	B	17-18EVEN
182068	EC6611	2	2	1	2	2	2	10-APR-18	ECE	6	B	17-18EVEN
182070	EC6611	3	3	3	3	3	3	10-APR-18	ECE	6	B	17-18EVEN

182071	EC6611	3	3	2	2	2	2	10-APR-18	ECE	6	B	17-18EVEN
182072	EC6611	3	3	2	3	3	2	10-APR-18	ECE	6	B	17-18EVEN
182073	EC6611	3	3	3	3	3	2	10-APR-18	ECE	6	B	17-18EVEN
182074	EC6611	3	2	1	2	2	2	10-APR-18	ECE	6	B	17-18EVEN
182075	EC6611	2	1	2	2	3	1	10-APR-18	ECE	6	B	17-18EVEN
182076	EC6611	3	2	2	3	2	2	10-APR-18	ECE	6	B	17-18EVEN
182077	EC6611	3	3	2	3	3	3	10-APR-18	ECE	6	B	17-18EVEN
182078	EC6611	3	2	3	2	3	2	10-APR-18	ECE	6	B	17-18EVEN
182079	EC6611	2	2	2	2	3	3	10-APR-18	ECE	6	B	17-18EVEN
182080	EC6611	3	2	2	3	2	2	10-APR-18	ECE	6	B	17-18EVEN
182081	EC6611	3	3	3	3	3	1	10-APR-18	ECE	6	B	17-18EVEN
182082	EC6611	2	2	1	1	2	1	10-APR-18	ECE	6	B	17-18EVEN
182083	EC6611	3	3	1	2	2	1	10-APR-18	ECE	6	B	17-18EVEN
182084	EC6611	3	2	3	3	3	2	10-APR-18	ECE	6	B	17-18EVEN
182086	EC6611	3	3	1	3	2	2	10-APR-18	ECE	6	B	17-18EVEN
182087	EC6611	2	1	2	2	2	1	10-APR-18	ECE	6	B	17-18EVEN
182089	EC6611	2	2	2	3	3	3	10-APR-18	ECE	6	B	17-18EVEN
182090	EC6611	3	3	3	3	3	2	10-APR-18	ECE	6	B	17-18EVEN
182091	EC6611	2	3	1	3	2	2	10-APR-18	ECE	6	B	17-18EVEN
182095	EC6611	2	2	1	2	1	1	10-APR-18	ECE	6	B	17-18EVEN
182096	EC6611	2	2	2	3	3	3	10-APR-18	ECE	6	B	17-18EVEN
182097	EC6611	3	3	3	2	3	2	10-APR-18	ECE	6	B	17-18EVEN
182098	EC6611	3	3	2	3	1	2	10-APR-18	ECE	6	B	17-18EVEN
182099	EC6611	2	3	3	3	3	2	10-APR-18	ECE	6	B	17-18EVEN
182100	EC6611	2	2	2	2	2	2	10-APR-18	ECE	6	B	17-18EVEN
182102	EC6611	2	2	3	2	1	2	10-APR-18	ECE	6	B	17-18EVEN
182103	EC6611	2	2	2	3	3	3	10-APR-18	ECE	6	B	17-18EVEN
182105	EC6611	0	0	2	0	0	0	10-APR-18	ECE	6	B	17-18EVEN
182106	EC6611	3	1	3	1	1	3	10-APR-18	ECE	6	B	17-18EVEN
182108	EC6611	3	3	3	3	3	3	10-APR-18	ECE	6	B	17-18EVEN
182109	EC6611	3	3	3	3	3	1	10-APR-18	ECE	6	B	17-18EVEN
182110	EC6611	2	2	2	1	1	1	10-APR-18	ECE	6	B	17-18EVEN
182112	EC6611	3	3	2	3	2	3	10-APR-18	ECE	6	B	17-18EVEN

182113	EC6611	1	3	1	3	1	3	10-APR-18	ECE	6	B	17-18EVEN
182114	EC6611	2	2	2	2	2	2	10-APR-18	ECE	6	B	17-18EVEN
182117	EC6611	3	3	3	3	3	3	10-APR-18	ECE	6	B	17-18EVEN
182118	EC6611	3	2	2	2	2	3	10-APR-18	ECE	6	B	17-18EVEN
182119	EC6611	2	1	2	1	2	3	10-APR-18	ECE	6	B	17-18EVEN
182120	EC6611	2	2	2	2	2	3	10-APR-18	ECE	6	B	17-18EVEN
182123	EC6611	3	3	2	3	2	3	10-APR-18	ECE	6	B	17-18EVEN
182125	EC6611	0	2	2	2	1	0	10-APR-18	ECE	6	B	17-18EVEN
182128	EC6611	2	2	1	2	1	2	10-APR-18	ECE	6	B	17-18EVEN
182131	EC6611	2	1	2	2	1	2	10-APR-18	ECE	6	B	17-18EVEN
182133	EC6611	2	2	1	1	2	2	10-APR-18	ECE	6	B	17-18EVEN
182134	EC6611	3	3	3	2	0	1	10-APR-18	ECE	6	B	17-18EVEN
182139	EC6611	2	1	2	3	2	3	10-APR-18	ECE	6	B	17-18EVEN
ATTAINED LEVEL		2.31	2.22	2.08	2.22	2.10	2.05					
%		77.14	73.97	69.21	73.97	70.16	68.25					


FACULTY


HOD/ECE



SARANATHAN COLLEGE OF ENGINEERING
DEPARTMENT OF ECE

 COURSE CODE / TITLE	EC6612 VLSI DESIGN LAB	NBA Code	C316
SEMESTER / YEAR	VI sem/ III	Academic year	2017-2018
COORDINATOR	Ms.J.Eindhumathy / Ms.R.Devi	Credits	2
Level 1 (0-60%), Level 2 (61-89%) and Level 3 (above 90%)			

CO ATTAINMENT

CO	CO-Attainment Internal (CO-INT)	CO-Attainment University (CO-UNI)	Direct CO Attainment (0.40xCO-INT + 0.60xCO-UNI)	Indirect CO Attainment	Total attainment (.8xdirect + .2xindirect)	Target	CO Attainment Level
C316.1	93	96.95	95.42	77.14	91.77	80	3
C316.2	100	96.95	98.17	73.97	93.33	80	3
C316.3	93	96.95	95.42	69.21	90.18	80	3
C316.4	100	96.95	98.17	73.97	93.33	80	3
C316.5	93	96.95	95.42	70.16	90.37	80	3
C316.6	98	96.95	97.37	68.25	91.55	80	3

Expected CO PO level

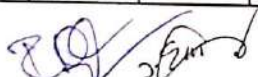
Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C316.1	1	1	1	1	1	1	1	1	1	2	—	—	1	1
C316.2	1	1	1	1	1	1	1	—	1	2	1	1	1	1
C316.3	2	2	1	1	1	1	1	—	1	2	—	1	2	2
C316.4	2	1	1	1	1	1	1	—	1	2	—	1	2	1
C316.5	2	1	1	1	1	1	1	—	1	2	—	1	2	1
C316.6	2	1	1	1	1	2	2	1	1	2	—	1	2	1
LEVEL	1.67	1.17	1.00	1.00	1.00	1.17	1.17	1.00	1.00	2.00	1.00	1.00	1.67	1.17

PO Attainment level

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C316.1	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	-	-	1.00	1.00
C316.2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-	1.00	2.00	1.00	1.00	1.00	1.00
C316.3	2.00	2.00	1.00	1.00	1.00	1.00	1.00	-	1.00	2.00	-	1.00	2.00	2.00
C316.4	2.00	1.00	1.00	1.00	1.00	1.00	1.00	-	1.00	2.00	-	1.00	2.00	1.00
C316.5	2.00	1.00	1.00	1.00	1.00	1.00	1.00	-	1.00	2.00	-	1.00	2.00	1.00
C316.6	2.00	1.00	1.00	1.00	1.00	2.00	2.00	1.00	1.00	2.00	-	1.00	2.00	1.00
Level	1.67	1.17	1.00	1.00	1.00	1.17	1.17	1.00	1.00	2.00	1.00	1.00	1.67	1.17

Attainment of POs & PSOs level

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C316	1.666667	1.166667	1	1	1	1.16667	1.167	1	1	2	1	1	1.66667	1.16667
Attainment	1.67	1.17	1.00	1.00	1.00	1.17	1.17	1.00	1.00	2.00	1.00	1.00	1.67	1.17


FACULTY


HOD/EQE



SARANATHAN COLLEGE OF ENGINEERING, Tiruchirappalli - 620012

DEPARTMENT OF ECE

COURSE OUTCOME ATTAINMENT - UNIVERSITY EXAMINATION

ACADEMIC YEAR : 2017 - 2018 (EVEN SEM)

Year /Sem: III / VI

Batch:2015-2019

Course : EC6612 (C316) -VLSI Design Lab

CO Attainment Level: 1 - Level 1 (0-60%), Level 2 (61-89%) and Level 3 (above 90%)

S.NO	Register No	NAME	Univ. Grade
1	813815106001	ABINAYA.M	A
2	813815106002	ABINAYA.R	A
3	813815106003	ADHISAYA .A.	A
4	813815106004	AHILANDAESWARI .N	A
5	813815106005	AJAY.A	C
6	813815106007	ALLEN RUFES.A	A
7	813815106008	ARCHANA. M.R	S
8	813815106009	ASWINI.D	A
9	813815106010	BHAMINI.J.A	A
10	813815106011	BHARATHAN. S	S
11	813815106012	BHARATHI RAJA. T	S
12	813815106013	BHUVANESWARI. K	S
13	813815106014	CHARU NIVEDHA.R	A
14	813815106015	CHELLAKIRANYA. C	A
15	813815106016	DEEPIKA. T	A
16	813815106017	DHANALAKSHMI. A	A
17	813815106018	DHIVYA. M	S
18	813815106019	DHIVYASHREE.C	A
19	813815106020	DOMINIC.C	A
20	813815106021	EJAZ HUSSAIN.R	A
21	813815106022	ELAM BHARATHI. G	A
22	813815106023	FAAMEEDHA BEGAM. A	S
23	813815106024	FELIX. J	S
24	813815106025	GAJALAKSHMI. C	A
25	813815106026	GEETHA. V	A
26	813815106027	GOPINATH.V	S
27	813815106028	GOUTHAM.B	S
28	813815106029	GUNANITHI. P	A
29	813815106030	GUNASEELI.R	S
30	813815106031	HARI PRIYA.S	A
31	813815106032	INFANT ANTO SINTHIYA.J	S
32	813815106033	INFENCE FRANKA.J	S
33	813815106034	JAGADISAN.S	B
34	813815106035	JANANI.E	A
35	813815106036	JANITHAA .D	A
36	813815106037	JAYAKOKELA.S	S
37	813815106039	JOSHUA. P	A
38	813815106040	KALPANA. N	A
39	813815106041	KAMILA FATHIMA JOHARAN BEEVI .N	S
40	813815106042	KASTHURI. A	A
41	813815106043	KAVIYA. G	S
42	813815106044	KAVIYA .S	S

43	813815106045	KEERTHANA. C.K	A
44	813815106046	KEERTHANA.G	A
45	813815106047	KEERTHANA.R	A
46	813815106048	KEERTHANA.RA	A
47	813815106049	KISHORE R	S
48	813815106050	KRISHNAKUMAR.T.R	S
49	813815106051	LAVANYA. P	S
50	813815106052	LAVANYA .S.	S
51	813815106053	IFONSIS KANAGA ROSHINI. J	S
52	813815106054	MAHESWARI. L	A
53	813815106055	MALINI.S	A
54	813815106056	MANIJA. M	S
*55	813815106057	MANIKANDAN. M	S
56	813815106058	MANOJKUMAR. R	S
57	813815106059	MARIAMMAL. G	S
58	813815106060	MEERA. M	S
59	813815106061	MEGALA. N	S
60	813815106062	MERCILDA.G	S
61	813815106063	MOHANDOSS. S	C
62	813815106065	MONISHA SHREE.S	S
63	813815106066	MUKESH RAJ. M	A
64	813815106067	MUTHU LAVANYA.B	A
65	813815106068	NANDA KUMAR. S	S
66	813815106069	NANDHINI.N	S
67	813815106071	NIRANJANI. P.C	S
68	813815106072	NITHYA PRIYADHARSHINI. S	A
69	813815106073	NIVETHAA. R	A
*70	813815106074	POOJITHA .S	A
71	813815106075	POORNAPRIYA. K	S
72	813815106076	PRAGATHI. S	S
73	813815106077	PRASANA KUMAR.B	C
74	813815106078	PRATHI NISHA.A	S
75	813815106079	PREETHA .B	S
76	813815106080	PREETHI. G	S
77	813815106081	PREETHI. M	S
78	813815106082	PRIADHARSHINI. S	S
79	813815106083	PRIYADHARSHINI. K	S
80	813815106084	PRIYADHARSHINI. P	A
81	813815106086	PRIYANKA.T	A
82	813815106087	RAGURAAM .S	A
83	813815106088	RAJAMEENAKSHI.S	A
84	813815106089	RIZWANA BATCHA. R	S
*85	813815106090	SANCHANA. B	A
86	813815106091	SANTHIYA.D	A
87	813815106092	SANTHOSH KUMAR .M	C
88	813815106093	SARANYA. P	A
89	813815106094	SASIKALA .PL.	A
90	813815106095	SATHYA SIVARANJANI. M.S	S
91	813815106096	SELVARANI. K	S
92	813815106097	SHAILA BANU. M	S
93	813815106098	SHALEENI PRIYA. R.K	S
94	813815106099	SHALINI. G	S
95	813815106100	SHANTHI.T	A

96	813815106101	SHUNMATHI. M	A
97	813815106102	SINDHUJA. C	S
98	813815106103	SIVA SOWNDARIYA .M	S
99	813815106105	SOWNDARYA. S	A
100	813815106106	SRIGNANESHWARI. C	S
101	813815106107	SRI LAKSHMI DEVI.B	A
102	813815106108	SRUTHI.K	S
103	813815106109	SUGASINI. K	S
104	813815106110	SUKITHA. R	S
105	813815106111	SURYA. H	S
106	813815106112	THARANGINI.S	S
107	813815106113	UDHAYAKUMAR. G	S
108	813815106114	UMESHWARAN .M	A
109	813815106115	VAISHNAVI.G	S
110	813815106116	VARSHINI.S	A
111	813815106117	VENKATASUBRAMANIAN. R	B
112	813815106118	VENKATESH.M	B
113	813815106119	VIJAYABHARATHI. D	A
114	813815106120	VINITHA.S	S
115	813815106121	YOGESWARI .N	A
116	813815106301	ALLEN ANBARASAN. R	B
117	813815106302	AMAR ABDULLAH. S	B
118	813815106303	BORES. A	A
119	813815106304	ILAKKIA. E	A
120	813815106305	JEYAPRIYA. K	B
121	813815106306	LOGESHWARI. R	S
122	813815106307	MADHAVAN. S	S
123	813815106308	PRIYADHARSHINI. G	A
124	813815106309	RAMKUMAR. S	B
125	813815106310	SARAVANAN. T	B
126	813815106311	SEENIVASAN. M	A
127	813815106312	SHOBANA. R	A
128	813815106314	TAMILSELVAN. R	B
129	813815106315	VIGNESH. S	A
130	813815106316	VIJAY. R	B
131	813815106701	SHERRIN TERESAA. A.J	B
No. of S Grade			59
No. of A Grade			57
No. of B Grade			11
No. of C Grade			4
No. of D Grade			0
No. of E Grade			0
Target for course outcome Attainment			80
No of students above the target			127
CO-Attainment University (%)			96.95


Faculty


HOD/ECE



SARANATHAN COLLEGE OF ENGINEERING, Tiruchirappalli - 620012

Department of ECE

COURSE CODE: EC6612 COURSE TITLE : VLSI DESIGN LAB ACADEMIC YEAR : 2017- 2018 BATCH: 2015-2019 FACULTY INCHARGE

Department of ECE																										
COURSE CODE: EC6612 COURSE TITLE : VLSI DESIGN LAB ACADEMIC YEAR : 2017-2018 BATCH: 2015-2019 FACULTY INCHARGE: DR. J. J. J.																										
S.No	Reg.No	Experiment Number																								
		Exp.No. 1					Exp.No. 2					Exp.No. 3					Exp.No. 4					Exp.No. 5				
		P1	P2	P3	P4	TOT	P1	P2	P3	P4	TOT	P1	P2	P3	P4	TOT	P1	P2	P3	P4	TOT	P1	P2	P3	P4	TOT
1	813815106001	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
2	813815106002	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
3	813815106003	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
4	813815106004	5.0	5.0	5.0	4.0	19.0	5.0	4.5	5.0	4.0	18.5	5.0	5.0	5.0	5.0	20.0	5.0	5.0	4.5	4.0	18.5	5.0	4.0	4.5	5.0	18.5
5	813815106005	5.0	4.0	3.0	3.0	15.0	5.0	4.5	4.0	3.0	16.5	4.0	3.0	4.0	3.0	14.0	4.0	5.0	4.5	3.0	16.5	4.5	3.0	4.0	4.0	15.5
6	813815106007	5.0	4.0	3.0	3.0	15.0	5.0	4.5	4.0	3.0	16.5	4.0	3.0	4.0	3.0	14.0	4.0	5.0	4.5	3.0	16.5	4.5	3.0	4.0	4.0	15.5
7	813815106008	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
8	813815106009	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
9	813815106010	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
10	813815106011	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
11	813815106012	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
12	813815106013	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
13	813815106014	5.0	5.0	5.0	4.0	19.0	5.0	4.5	5.0	4.0	18.5	5.0	5.0	5.0	5.0	20.0	5.0	5.0	4.5	4.0	18.5	5.0	4.0	4.5	5.0	18.5
14	813815106015	5.0	5.0	5.0	4.0	19.0	5.0	4.5	5.0	4.0	18.5	5.0	5.0	5.0	5.0	20.0	5.0	5.0	4.5	4.0	18.5	5.0	4.0	4.5	5.0	18.5
15	813815106016	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
16	813815106017	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
17	813815106018	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
18	813815106019	5.0	5.0	5.0	4.0	19.0	5.0	4.5	5.0	4.0	18.5	5.0	5.0	5.0	5.0	20.0	5.0	5.0	4.5	4.0	18.5	5.0	4.0	4.5	5.0	18.5
19	813815106020	5.0	5.0	5.0	4.0	19.0	5.0	4.5	5.0	4.0	18.5	5.0	5.0	5.0	5.0	20.0	5.0	5.0	4.5	4.0	18.5	5.0	4.0	4.5	5.0	18.5
20	813815106021	5.0	5.0	5.0	4.0	19.0	5.0	4.5	5.0	4.0	18.5	5.0	5.0	5.0	5.0	20.0	5.0	5.0	4.5	4.0	18.5	5.0	4.0	4.5	5.0	18.5
21	813815106022	5.0	5.0	5.0	4.0	19.0	5.0	4.5	5.0	4.0	18.5	5.0	5.0	5.0	5.0	20.0	5.0	5.0	4.5	4.0	18.5	5.0	4.0	4.5	5.0	18.5
22	813815106023	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
23	813815106024	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
24	813815106025	5.0	5.0	5.0	4.0	19.0	5.0	4.5	5.0	4.0	18.5	5.0	5.0	5.0	5.0	20.0	5.0	5.0	4.5	4.0	18.5	5.0	4.0	4.5	5.0	18.5
25	813815106026	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
26	813815106027	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
27	813815106028	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
28	813815106029	3.0	5.0	5.0	4.0	17.0	3.0	4.5	5.0	4.0	16.5	5.0	5.0	5.0	5.0	20.0	3.0	5.0	4.5	4.0	16.5	5.0	4.0	5.0	4.5	18.5
29	813815106030	5.0	5.0	5.0	4.0	19.0	5.0	4.5	5.0	4.0	18.5	5.0	5.0	5.0	5.0	20.0	5.0	5.0	4.5	4.0	18.5	5.0	4.0	4.5	5.0	18.5
30	813815106031	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
31	813815106032	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
32	813815106033	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
33	813815106034	5.0	4.0	3.0	3.0	15.0	5.0	4.5	4.0	3.0	16.5	4.0	3.0	4.0	3.0	14.0	4.0	5.0	4.5	3.0	16.5	4.5	3.0	4.0	4.0	15.5
34	813815106035	5.0	5.0	5.0	4.0	19.0	5.0	4.5	5.0	4.0	18.5	5.0	5.0	5.0	5.0	20.0	5.0	5.0	4.5	4.0	18.5	5.0	4.0	4.5	5.0	18.5
35	813815106036	5.0	5.0	5.0	4.0	19.0	5.0	4.5	5.0	4.0	18.5	5.0	5.0	5.0	5.0	20.0	5.0	5.0	4.5	4.0	18.5	5.0	4.0	4.5	5.0	18.5
36	813815106037	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
37	813815106039	3.0	5.0	5.0	4.0	17.0	3.0	4.5	5.0	4.0	16.5	5.0	5.0	5.0	5.0	20.0	3.0	5.0	4.5	4.0	16.5	5.0	4.0	5.0	4.5	18.5
38	813815106040	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
39	813815106041	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
40	813815106042	3.0	5.0	5.0	4.0	17.0	3.0	4.5	5.0	4.0	16.5	5.0	5.0	5.0	5.0	20.0	3.0	5.0	4.5	4.0	16.5	5.0	4.0	5.0	4.5	18.5
41	813815106043	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
42	813815106044	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0
43	813815106045	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0	5.0	5.0	5.0	5.0	20.0

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