

DIRECT		CIE+SEE+CES											Percentage corresponding to mapping			
Semester	Sub Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO
Semester-1	15MAT11	81	81	54	54	-	-	-	-	27	27	27	27	54	54	54
	15PHY12	75.21	75.21	50.14	50.14	-	-	-	25.07	50.14	-	-	50.14	50.14	25.07	-
	15CIV13	78	78	52	-	-	-	-	-	-	-	-	78	78	78	-
	15EME14	82	82	-	-	-	-	55	55	-	-	-	55	82	82	55
	15ELE15	71.4583	56.9167	56.9166667	-	57.5	56.9167	-	-	64	35.542	64	71.042	71.25	71.042	63.9
	15WSL16	88	59	-	59	-	-	-	-	88	88	-	88	88	59	-
	15PHYL17	97.4	97.4	64.9	64.9	-	-	-	32.5	64.9	-	-	64.9	64.9	32.5	-
Semester-2	15MAT21	78	78	52	52	-	-	-	-	26	26	26	26	52	52	52
	15CHE22	74	74	50	50	-	-	-	-	50	-	-	24.8	49.6	49.6	-
	15PCD23	48	65	66	72	-	-	-	-	-	-	64	48	48	54	54
	15CED24	85	28	57	-	85	-	-	-	28	85	-	85	85	57	-
	15ELN25	79.25	64.625	-	52.8333	-	-	-	-	-	-	-	52.833	52.833	52.833	-
	15CPL26	36	76	76	86	-	-	-	-	-	-	76	-	57	67	67
	15CHEL27	91	91	91	60.66	-	-	-	-	60.66	-	-	-	60.66	60.66	-
Semester-3	15MAT31	84	84	56	56	-	-	-	-	28	28	28	28	56	56	56
	15CS32	93	93	93	50	-	-	-	-	-	-	-	68	52	52	52
	15CS33	63	68	68	50	60	27	46	26	50	43	32	63	72	72	72
	15CS34	71	60	71	71	-	44	-	-	50	49.5	-	71	71	71	71
	15CS35	72.4	40.9333	72.9333333	31.3333	30.4	-	31.3333	36.6667	62	36.133	9.6	47.2	78	37.067	46.6
	15CS36A	86.5	57.6667	-	59.5	-	-	-	-	-	59.5	-	86.5	86.5	57.667	-
	15CSL37	97	97	97	97	80.8333	97	80.8333	53.8889	48.5	64.667	97	48.5	97	97	97

Semester-4	15MAT41	73	73	73	49	-	-	-	-	24	24	24	24	49	49	49	
	15CS42	82	70	75	58	-	69	60	48	47	48	54	59	-	64	68	
	15CS43	67.6	67.4	63.2	53.8	64.4	24.2	47	24	49.6	40	32.4	59.4	48	64.4	35.6	
	15CS44	71.2	75.8	75.8	61.2185	-	-	-	-	70.65	-	-	-	37.9	56.85	-	
	15CS45A	68.4	68.4	68.4	45.6	40.25	-	-	-	45.8	-	45.8	68.4	68.4	68.4	54	
	15CS46A	55	55	46.8333333	55	-	-	-	-	-	55	-	55	55	46.833	-	
	15CSL47B	70.5	70.5	70.5	59.6667	70.5	70.5	59.6667	31.8333	48.83	47	47	70.5	56.48	70.5	47	
	15CSL48B	-	67.5	67.5	38.1	-	-	-	-	-	-	-	-	45	67.5	-	
Semester-5	15CS51	63	57.5	57.5	48.6667	-	57.5	-	68	45.33	68	68	68	22.667	45.333	-	
	15CS52	56	77.4167	77.4166667	-	-	-	-	-	-	-	-	-	76.667	62.917	63.167	
	15CS53	62.4	62.4	62.4	24.9333	64	-	-	-	-	-	41.6	53.083	62.4	62.4	46.4	
	15CS54	66.6	66.6	66.6	31.2	-	-	-	-	23.33	-	-	62.667	66.6	66.6	-	
	15CS553	71.5	71.5	65.25	45.3333	68	-	-	-	-	-	0	71.5	66	66.4	66.4	
	15CS565	45.4667	61.6716	61.6716049	52.7358	65.9621	40.5383	61.0749	36.4486	48.77	36.654	36.449	73.309	62.171	75.006	50.004	
	15CSL57	-	80.3333	-	53.5556	61.8889	-	-	-	-	-	53.556	-	53.556	80.333	80.333	
	15CSL58	95	63.3333	95	-	95	-	-	-	-	-	95	31.667	95	95	95	
Semester-6	15CS61	67.3333	62.6	52.0666667	51.3333	-	-	-	50.6667	49.11	-	51.467	77.2	53.556	47.333	57	
	15CS62	75.6	70.6	60.7333333	44.6	54.4667	-	-	-	84	-	50.4	75.6	75.6	65.733	75.6	
	15CS63	77.8	51.8667	51.8666667	41.2	41.2	-	-	-	51.87	-	72.733	72.733	77.8	51.867	77.8	
	15CS64	63	68	49	48.8333	-	-	-	-	61	-	45	60.5	68	68	67.6	
	15CS653	89.8	89.8	89.8	66	-	-	-	-	60.67	67.417	-	-	67.35	67.35	-	
	15CS664	70	70	70	42	-	-	-	-	70	-	46.667	55.125	46.667	46.667	46.667	
	15CSL67	100	66.6667	66.6666667	33.3333	33.3333	-	-	-	66.67	-	93.333	100	100	66.667	100	
	15CSL68	100	100	100	88.8889	-	-	-	-	88.89	-	-	-	55.556	100	88.889	
7	15CS71	59.4	50.8	63.7333333	45.7333	22.8667	22.8667	-	-	-	-	22.867	-	45.733	45.733	68.6	45.733
	15CS72	70.2	46.8	42.3333333	42.2	-	-	-	-	46.8	-	46.8	46.8	-	42.267	42.2	
	15CS73	59.4	50.8	63.7333333	45.7333	22.8667	22.8667	-	-	-	-	22.867	-	45.733	45.733	68.6	45.733

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Semester	15CS744	73.8	68.5333	68.57	3333	64.133	-	29	54.6667	0	64	39.5333	63.7333	73.8	64.133	68.533
	15CS754	54.4	60.6	60.6	-	-	-	-	-	-	-	-	-	54.4	76.4	60.6
	15CSL76	93	93	93	82.6667	-	-	-	-	82.67	-	-	-	51.6667	93	82.667
	15CSL77	93	93	93	82.66667	-	-	-	-	77.5	-	-	-	51.66667	93	82.667
	15CSP78	70	66	75	55	-	-	55	-	45	-	-	-	70	75	66
Semester-8	15CS81	72.2	61.6667	72.2	25.8667	-	-	-	-	51.73	-	63.467	77.6	48.889	58	41.533
	15CS82	64.0	40.0	-	-	-	-	32.0	-	-	-	-	-	54.7	54.7	45.333
	15CS834	71.4	71.4	65.93333333	53.7467	-	50.05	60.93333	-	-	71.4	71.4	71.4	71.4	66.4	56.733
	15CSP85	70	66	75	55	-	-	55	-	45	-	-	-	70	75	66
Avg	Direct Attainment	74.2	69.4	67.8	54.3	57.9	46.5	54.7	38.7	52.2	48.5	50.2	59.7	63.1	63.9	62.6

### DIRECT

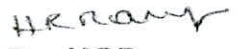
exit survey on POs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
Indirect AttainCSnt	77.7419	77.7419	76.2903226	76.2903	76.2903	76.2903	76.2903	76.2903	76.29	76.29	77.29	78.29	80	80	80

### Overall PO and PSO attainCSnt

80% of Direct attainment	59.3446	55.5045	54.2200645	43.4611	46.2934	37.2393	43.7655	30.9846	41.74	38.774	40.15	47.74	50.484	51.152	50.119
20% of Indirect attainMEnt	15.5484	15.5484	15.2580645	15.2581	15.2581	15.2581	15.2581	15.2581	15.26	15.258	16	16	16	16	16
Overall AttainMEnt	74.893	71.053	69.478129	58.719	61.551	52.497	59.024	46.243	57	54.03	56.15	63.74	66.484	67.15	66.12
Target	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
Att YES/NO	YES	YES	YES	NO	YES	NO	NO	NO	NO	NO	NO	NO	YES	YES	YES

  
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 Bangalore-560 057

  
 Dr. H.R. Rangnatha  
 Prof. & H.O.D  
 Dept. of Information Science & Engg  
 Sapthagiri College of Engineering  
 # 14/5 Chikkasandra, P.  
 BENGALURU-560 057



**SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-560057**

(Affiliated to VTU, Belagavi and Approved by AICTE, NewDelhi)

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Attainment of POs and PSOs for 2015-2019 Batch**

DIRECT		CIE+SEE+CES										Percentage corresponding to mapping			
Semester	Sub Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Semester-1	15MAT11	62	62	41	41					21	21	21	21	41	41
	15PHY12	75	75	50	50				25	50			50	50	25
	15CIV13	78	78	52	-	-	-	-	-	-	-	-	78	78	78
	15EME14	82	82					55	55				55	55	55
	15ELE15	84	70	86	-	-	-	-	-	70	-	-	56	70	-
	15WSL16	88	59	-	59	-	-	-	-	88	88	-	88	88	59
	15PHYL17	95.2	95.2	63.5	63.5				31.7	63.5			63.5	63.5	31.7
	15CPH18														
Semester-2	15MAT21	62	62	41	41					21	21	21	21	41	41
	15CHE22	77	77	51	51					51			26	51	51
	15PCD23	93	93	93	62	-	-	-	-	61	-	-	-	93	93
	15CED24	88	29	59		39	-	-	-	29	88		88	88	59
	15ELN25	90	90	-	60	-	-	-	-	-	-	-	60	60	60
	15CPL26	56	100	100	100	100	-	-	-	-	-	-	50	100	100
	15CHEL27	94	94	67	67					67			43	67	67
	15CIV28														
Semester-3	15MAT31	86	86	58	58					29	29	29	29	58	58
	15CS32	80	80	80	42								44	80	80
	15CS33	82	82	55	55	55						27	82	82	27
	15CS34	77	77	41	28						77		87	87	87

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	15CS35	78	78	78	26					18		60	69	78	78	
	15CS36	90	90		90								60	90	90	
	15CSL37	88	88	88	47								88	88	88	
	15CSL38	100	100	100		100								100	100	
Semester-4	15MAT41	87	87	77	48					18	77	60	76	89	89	
	15CS42	81	81	81	81	81	81	81	81	81	81	81	81	81	81	
	15CS43	78	78	78	78		26					78	78	78	78	
	15CS44	83	83	83	55	55				28		55	83	83	83	
	15CS45	71	71	47	23					23		47	64	71	47	
	15CS46	68	77	52	27					17	68	52			77	77
	15CSL47	83	83	83	83		28						83	83	83	83
	15CSL48	87	98	66	33					22			66	87	98	98
Semester-5	15CS51	91	91	75	49		29		29	81	70		91	91	91	
	15CS52	87	91	75	55	89	67	33	44	67	67	75	87	91	91	
	15CS53	87	87	87								58	87	87	87	
	15CS54	76	76	76	76	76	76					76	76	76	76	
	15CS55x	90	90	90	60		22		22	80	70			90	90	90
	15CS56x	91	91	91	91	91	60		23	60	60			91	91	60
	15CSL57	76	86	57	28					29			57	76	86	86
	15CSL58	100	100	100			67						67	100	89	100
Semester-6	15CS61	72	84	72	90	18	90	90	90	18	0	90	90	90	90	
	15CS62	81	81	81	73	81	81	74		81	54	73	81	81	81	
	15CS63	55	37	36		37						36	36	55	18	
	15CS64	74	68	75	25					27			74	74	74	
	15CS653	98	88	76			63						35	88	88	88
	15CS664	74	81	54	26					20			54	74	54	100

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	15CSL67	97	64	65	-	64	-	-	-	-	-	65	65	97	97
	15CSL68	100	100	100	100	100	100	89		100	67	89	100	100	100
Semester-7	15CS71	84	84	84	77	84	84	77		84	56	77	84	84	84
	15CS72	86	86	86		57							50	86	48
	15CS73	64	64	57	21					14		43	57	73	73
	15CS74	98	87	98	0					87		98	98	98	100
	15CS754	58	58	58	81	87	87	58		87	58	75	87	87	87
	15CS76	73	73	65	24					24		49	65	73	73
	15CSL77	100	89	78	0					89		100	100	100	100
	15CSL78	100	56	78	33					89		78	67	100	100
Semester-8	15CS81	87	87	87	87	79	87	87	87	87	87	87	87	87	
	15CS82	88	88	88	82	88	88	82		88	44	82	88	88	88
	15CS834	88	88	88									58	88	88
	15CS84	100	56	100						100		67	67	100	100
	15CS85	100	56	78	33					89		78	67	100	100
	15CS86	100	44	100	33					100		78	67	100	100
Avg	Direct Attainment	83.5	78.9	73.7	53.5	72.7	66.8	68.8	43.8	56.4	59.1	63.9	71.2	81.2	77.1

AutSum 5008 4736 4125 2512 1381 1136 757 488 2258 1182 2365 4057 4872 4474

No of Non zero entry

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INDIRECT		exit survey on POs													
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Indirect Attainment		77.742	77.742	76.29	76.29	76.29	76.29	76.29	76.29	76.29	76.29	76.29	76.29	80	80

**Overall PO and PSO attainment**

80% of Direct attainment		66.767	63.146	58.925	42.763	58.161	53.459	55.055	39.01	45.153	47.282	51.14	56.94	64.959	61.715
20% of Indirect attainment		15.548	15.548	15.258	15.258	15.258	15.258	15.258	15.258	15.258	15.258	15.258	15.258	16	16
Overall Attainment		82.315	78.695	74.183	58.021	73.419	68.717	70.313	54.268	60.411	62.54	66.398	72.198	80.959	77.715
	Target	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	Att YES/NO	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes

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Department Of Computer Science & Engg.  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesareghatta Main Road,  
Bangalore-560 057



DAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-560057  
 (Affiliated to VTU, Belagavi and Approved by AICTE, NewDelhi)  
 DEPARTEENT OF ELECTRICAL & ELECTRONICS ENGINEERING  
 Attainment of POs and PSOs for 2015-2019 Batch

DIRECT		E+SEE+CES										Percentage corresponding to mapping				
Semester	Sub Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
SEMESTER-1	15MAT11	80	80	27	53	-	22	22	22	44	44	-	44	64	-	-
	15CHE12	95	95	64	-	-	-	-	-	-	-	-	-	64	64	-
	15PCD13	67	75	50	50	-	-	-	-	17	-	50	67	25	50	22
	15CED14	88	88	88	59	-	-	-	-	59	-	-	-	59	59	-
	15ELN15	65	65	43	-	-	-	-	-	22	-	43	65	30	11	6
	15CPL16	45	81	54	81	54	-	-	-	-	-	-	54	27	54	15
	15CHEL17	88	88	88	59	-	-	-	-	59	-	-	-	59	59	-
SEMESTER-2	15MAT21	80	80	53	53	-	-	-	-	-	-	53	53	53	-	-
	15PHY22	39	27	-	-	-	-	-	-	16	-	-	-	-	-	-
	15CIV23	75	63	63	-	-	-	-	-	-	-	-	69	-	-	-
	15EME24	87	58	0	0	38	-	18	-	0	-	0	44	87	87	-
	15ELE25	81	54	54	-	54	54	-	-	81	54	81	81	81	81	54
	15WSL26	98	-	-	-	65	65	-	65	65	-	-	-	65	65	-
	15PHYL27	73	40	-	-	-	-	-	-	53	-	-	-	-	-	-
SEMESTER-3	15MAT31	75	75	50	50	-	-	-	-	25	25	-	25	-	-	-
	15EE32	76	76	61	51	-	-	-	-	-	-	55	76	76	76	76
	15EE33	68	56	68	34	34	33	-	-	45	56	33	68	62	68	57
	15EE34	69	66	67	-	-	-	-	-	-	-	-	66	66	-	62
	15EE35	64	43	64	43	21	-	-	-	43	43	21	64	59	64	54
	15EE36	71	71	57	47	0	0	0	-	-	-	52	71	71	71	71
	15EEL37	97	81	65	65	-	54	57	-	65	65	-	97	73	49	81
	15EEL38	65	57	65	65	-	54	57	-	65	65	-	97	73	49	81

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SEMESTER-4	15MAT41	77	77	51	51	-	0	0	0	26	26	-	26	-	-	-
	15EE42	72	72	-	-	38	61	37	-	-	-	35	59	35	22	72
	15EE43	62	62	51	39	-	51	-	-	46	-	-	62	58	58	58
	15EE44	83	76	55	-	62	38	50	-	35	35	55	28	27	-	55
	15EE45	61	61	-	-	-	-	-	-	-	-	-	42	67	-	42
	15EE46	82	66	66	-	-	-	-	-	-	-	-	66	71	-	66
	15EEL47	89	89	-	67	-	74	-	-	-	-	-	59	82	89	-
	15EEL48	91	83	76	-	-	-	-	-	-	-	-	61	61	-	61
SEMESTER-5	15EE51	85	79	56	-	-	-	-	-	-	-	-	79	79	-	56
	15EE52	62	64	31	54	56	52	22	-	25	58	54	62	77	71	45
	15EE53	64	64	42	42	-	-	-	-	-	-	42	64	48	42	42
	15EE54	64	64	42	42	-	-	-	-	-	-	42	64	48	42	42
	15EE551	56	56	70	62	-	39	62	-	-	-	-	45	50	42	23
	15EE563	74	81	54	26	-	-	-	-	27	-	54	74	54	-	67
	15EEL57	83	83	55	55	64	55	41	-	64	-	42	76	83	76	69
	15EEL58	83	83	55	55	64	55	41	-	64	-	42	76	83	76	69
SEMESTER-6	15EE61	84	56	84	56	28	-	-	-	56	56	28	84	77	84	70
	15EE62	63	54	42	19	57	-	-	-	21	38	38	58	42	54	26
	15EE63	62	62	62	42	0	21	21	-	-	-	42	62	62	62	62
	15EE64	77	71	58	42	53	55	41	-	-	-	41	74	68	72	60
	15EE651	89	89	85	91	31	-	-	-	-	-	-	-	61	31	31
	15EE652	63	59	42	-	-	-	-	-	-	-	-	73	78	31	39
	15EE662	94	88	63	-	-	-	-	-	-	-	-	88	94	47	63
	15EEL67	72	72	48	48	72	-	-	-	-	48	48	72	72	72	48
	15EEL68	70	70	70	-	64	-	-	-	-	-	-	75	70	-	72
SEMESTER-7	15EE71	47	50	50	-	23	-	-	-	-	-	-	50	34	-	34
	15EE72	51	16	-	-	-	-	-	-	-	-	-	44	44	-	44
	15EE73	47	43	43	-	23	-	-	-	-	-	-	50	34	-	34
	15EE742	92	68	47	74	-	-	-	-	-	-	-	80	80	86	-
	15EE752	57	55	57	-	-	-	-	-	-	-	-	19	38	-	-

SEI	15EEL76	62	41	42	-	62	-	-	-	-	-	-	41	50	62	21
	15EEL77	73	49	49	-	73	-	-	-	-	-	-	49	54	73	24
	15EEP78	100	100	88	100	100	83	67	83	100	100	100	100	100	100	100
SEMESTER-8	15EE81	53	-	29	52	-	-	58	-	-	-	-	67	86	34	39
	15EE82	54	-	53	80	53	86	86	-	-	-	-	34	54	-	81
	15EE833	54	-	53	80	53	86	86	-	-	-	-	34	54	-	81
	15EE84	100	100	88	100	100	83	67	83	100	100	100	100	100	100	100
	15EEP85	-	-	31	61	61	31	77	71	69	61	61	61	92	63	-
	15EES86	-	-	31	61	61	31	77	71	69	61	61	61	92	63	-
Avg	Direct Attainment	73	68	56	55	51	49	47	57	49	55	48	63	63	61	64

DIRECT exit survey on POs																
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
Indirect Attainment		78	83	81	77	78	80	82	83	85	85	84	85	85	85	85

Overall PO and PSO attainment																
	80% of Direct attainment	58	54	44	44	40	39	38	45	39	44	38	50	51	49	43
	20% of Indirect attainment	16	17	16	15	16	16	16	17	17	17	17	17	17	17	17
	Overall Attainment	74	71	61	60	56	56	54	62	56	61	55	67	68	66	60
	Target	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	Att YES/NO	YES	YES	YES	YES	NO	NO	NO	YES	NO	YES	NO	YES	YES	YES	YES

Principal  
 Sapthagiri College of Engineering  
 Chikkasandra, Hesaraiahatta Road,  
 Bangalore-560 057

  
 HOD. EEE  
 PROF & HOD  
 Department of Electrical & Electronics Engineering  
 Sapthagiri College of Engineering  
 Bangalore - 560057.



**DAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-560057**

(Affiliated to VTU, Belagavi and Approved by AICTE, NewDelhi)

**DEPARTMENT OF MECHANICAL ENGINEERING**

**Attainment of POs and PSOs for 2015-2019 Batch**

**DIRECT ASSESSMENT METHOD**

Semester	Sub Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	
Semester-1	15MAT11	58	58	19	39		19	19	19	39	39		39	58	39	
	15PHY12	72	72	48	48	-	-	-	24	72	-	-	48	72	72	
	15CIV13	78	61	29	25	-	6	13	-	-	-	-	-	55	82.2	
	15EME14	80	68			-	-	68	51	25	-	-	-	74	80	
	15ELE15	67	45	45	-	-	-	-	-	45	-	45	45	45	-	
	15WSL16	93	-	-	-	62	62	-	62	62	-	-	-	62	62	
	15PHYL17															
		82	82	82	55	-	-	-	27	66	-	-	27	55	55	
Semester-2	15MAT21	60	60	20	40		20	20	20	40	40		40	60	40	
	15CHE22	68	68	45	45.0					45.0			23	45	45	
	15PCD23	62	72	67	67	0	0	0	0	48	0	0	24	72	72	
	15CED24	92	31	61	-	61	-	-	-	31	92	-	92	92	61	
	15ELN25	75	61	-	50	-	-	-	-	-	-	-	50	50	50	
	15CPL26	93	87	87	74	87					87	74	87	93	62	43
	15CHEL27															
		93	62	62	62								25	62	62	

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Semester-3	15MAT31	58	58	19	39		19	19	19	39	39		39	58	39
	15ME32	54	53	45	-	32	45	49	-	-	-	-	68	50	75
	15ME33	70	67	35	20	20	20	0	15	25					
	15ME34	65	43	43										65	43
	15ME35	52					57	24		65	72		54	75	75
	15ME36A	81	63	94		94				63	81	-	75	63	94
	15ME36B	66	61	45	18		36	44	45	0	0	41	57	66	66
	15MEL37A	54					44	18		67	58		45	100	100
	15MEL37B	96	64	38	-	96	-	-	-	64	83	-	77	96	96
	15MEL38A	93	52	21	21	62	83			31				83	83
	15MEL38B	48				15	45		45	45				55	55
Semester-4	15MAT41	58	58	19	39		19	19	19	39	39		39	58	39
	15ME42	77	77	52	53								51	77	77
	15ME43	78	78	52	21	-	-	-	-	21	-	50	72	78	52
	15ME44	74	70	56	27	52	-	-	-	26	-		44	79	79
	15ME45B	86	64	40		86				68	86		80	68	68
	15ME45A	89	78	71		89				89	83	-	83	89	60
	15ME46A	70	54	81		81				54	66		65	54	81
	15ME46B	82	82	69	-	-	28	45	34	-	-	29	66		
	15MEL47B	92	92		92					92	92		92	92	61
	15MEL47A	92	92		92					92	92		92	92	92
	15MEL48B	93	85		85					93	93		93	93	93
15MEL48A	92	76	20	20	61	82			31				82	61	

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Semester-5	15ME51	72	78	52	25	-	-	-	-	19	-	52	72	52	52
	15ME52	77	77	51	-	-	-	-	-	53	-	-	53	80	77
	15ME53	67	60	63	49	-	-	-	-	-	-	-	46	67	67
	15ME54	75	50	50	-	-	-	-	-	-	-	-	50	50	75
	15ME554	75	55	48	59	-	80	68	-	82	55	-	61	82	55
	15ME56	76	25	56	27	-	-	-	72	25	-	-	-	56	56
	15MLE57	100	89	67	22	-	67	49	-	-	-	-	67	100	100
	15MEL58	80	73	-	-	-	53	46	-	-	-	-	-	80	80
Semester-6	15ME61	82	82	55	-	82	-	-	-	-	-	-	82	82	
	15ME62	88.0	73.0	81.0	-	66.0	-	-	-	88.0	73.0	-	81.0	88.0	88.0
	15ME63	76	71	55	14	-	-	-	-	0	-	0	39	83	55
	15ME64	82	82	55	-	-	-	-	-	-	-	-	55	82	82
	15ME65	84	45	84	-	-	-	-	-	30	55	-	40	84	80
	15ME664	91	91	-	-	-	-	63	-	63	87	80	-	62	93
	15MEL67	55	80	79	55	-	-	25	25	-	-	-	55	80	80
	15MEL68	56	78	65	58	-	-	53	61	-	-	-	58	82	78
Semester-7	15ME71	82	82	50	-	0	82	-	-	-	-	-	72	82	55
	15ME72	59	52	45	55	-	16	-	16	27	-	53	31	42	37
	15ME73	63	63	-	-	-	-	-	-	-	-	-	-	63	95
	15ME744	86	86	86	-	-	-	-	-	-	-	-	86	86	86
	15ME753	80	73	-	-	-	-	-	-	-	73	-	87	87	65
	15MEL76	95	95	-	-	-	-	-	-	95	63	-	95	95	95
	15MEL77	74	-	57	57	-	16	-	-	28	-	62	34	74	79
	15MEP78	81	76	38	-	54	-	-	-	-	-	-	81	81	-

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Sapthagiri College of Engineering  
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Bangalore - 560 075

Semester-8	15ME81	91	61	40	27	27	-	-	-	-	-	91	83	83	90
	15ME82	78.0	70.0	78.0		94.0	-	-	-	86.0	78.0	-	78.0	94.0	63.0
	15ME835	91	91	-	-	-	-	-	-	-	61	67	-	91	61
	15ME84	94	63	94			94	94		94			63	94	94
	15MEP85	93	87	43		62							93	93	93
	15ME86	47	16				70		70				47	70	70
Avg	Direct Attainment	76.3	67.3	54.1	44.8	58.3	44.3	36.8	34.7	52.4	64.4	50.5	60.8	73.6	70.4

## INDIRECT ASSESSMENT METHOD

exit survey on POs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Indirect Attainment	82	82	82	82	82	82	82	82	82	82	82	82	82	82

### Overall PO and PSO attainment

80% of Direct attainment	61	54	43	36	47	35	29	28	42	52	40	49	59	56
20% of Indirect attainment	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Overall Attainment	78	70	60	52	63	52	46	44	58	68	57	65	75	73
Target	70	70	60	50	50	50	50	50	70	70	50	60	70	70
Att YES/NO	YES	YES	NO	YES	YES	YES	NO	NO	NO	NO	YES	YES	YES	YES

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road,  
Bangalore-560 057

HOD  
H.O.D. Dept. of Mech. Engg  
S.C.E., Bangalore-560 057



# SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-560057

(Affiliated to VTU, Belagavi and Approved by AICTE, NewDelhi)

## DEPARTMENT OF CIVIL ENGINEERING

### Attainment of POs and PSOs for 2015-2019 Batch

**DIRECT**

CIE+SEE+CES

Percentage corresponding to mapping

Semester	Sub Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
SEMESTER-1	15MAT11	72	72	48	48	-	-	-	-	-	-	48	72	72	72	-	
	15PHY12	75.862	75.862	50.575	50.575				25.287	50.575			50.575	50.575	25.287		
	15CIV13	87.00	87.00	87.00	87.00		58.00			58.00			87.00	58.00	87.00	87.00	58
	15EME14	89.80	59.87	-	-	60.00	-	29.83	-	-	-	-	59.83	89.80	89.80		
	15ELE15	37.00	29.00	34.00		21.00	20.00			21.00		34.00	17.00	17.00		36.00	
	15WSL16	100.00	-	-	-	66.67	66.67	-	66.67	66.67	-	-	-	66.67	66.67		
	15PHYL17	96.552	96.552	64.368	64.368				32.184	64.368			64.368	64.368	32.184		
SEMESTER-2	15MAT21	65	65	44	44	-	-	-	-	-	-	44	65	65	65	-	
	15CHE22	34.8	34.8	23.2	23.2					23.2			11.6	23.2	23.2		
	15PCD23	78.67	88.33	58.89	28.67	-	-	-	-	19.78	-	58.89	78.67	29.44	88.33	0.00	0
	15CED24																
	15ELN25	82.5	82.5	55		-	-	-	-		-		55	82.5	82.5	82.5	
	15CPL26	49.78	88.33	61.00	89.50	61.00	-	-	-	-	-	-	54.67	29.44	88.33	0.00	0
	15CHEL27	91.4	91.4	60.933	60.933					60.933			30.467	60.933	60.933		
SEMESTER-3	15MAT31	86.19	86.19	57.46	57.46	-	-	-	-	-	-	57.46	86.19	86.19	86.19	-	
	15CV32	62.00	62.00	-	-	-	-	-	-	-	-	-	62.00	49.00	74.00		49
	15CV33	63.28	63.28	45.20	45.20	45.20	67.80			56.50			45.20	45.20	67.80	40.68	41
	15CV34	34.44	-	-	-	20.67	20.67	-	20.67	20.67	-	-	-				
	15CV35	41.90			51.94				41.90		41.75					62.00	34
	15CV36	55.44	55.44	50.40	50.40	50.40	75.60	-	-	50.40	-	-	65.52	50.40	75.60	50.40	50
	15CVL37	54.27	43.41	-	-	-	49.33	49.00	49.33	74.00	-	-	-	49.00	74.00		49

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SEMESTER-A	15CV741	76.00	50.67	76.00	-	-	-	-	-	-	-	-	-	76.00	76.00	-	76
	15CV751	63.89	49.69	44.10	24.50	19.05	16.94	0.00	0.00	63.89	0.00	63.89	53.24	54.40	49.27	66.42	62
	15CVL76	91.00	91.00	91.00	60.78	47.30	91.00	60.78	91.00	91.00	91.00	-	60.78	91.00	91.00	-	-
	15CVL77	76.83	79.17	-	-	-	-	-	-	-	79.17	-	-	-	-	-	-
	15CVP78	91.00	91.00	91.00	60.78	47.30	91.00	60.78	91.00	91.00	91.00	-	60.78	91.00	91.00	-	-
SEMESTER-B	15CV81	79.40	52.93	74.11	-	-	79.40	-	-	-	-	-	68.81	79.40	79.40	79.40	79
	15CV82	76.60	51.07	71.49	-	-	0.00	-	-	-	-	-	66.39	76.60	61.28	66	
	15CV833	70.85	57.56	28.82	29.58	26.45	12.06	-	-	47.22	-	-	0.00	61.99	51.17	41.57	24
	15CV84	98.80	65.87	98.80	98.80	65.87	59.28	98.80	-	98.80	-	-	98.80	98.80	98.80	-	99
	15CVP85	97.80	65.20	97.80	97.80	65.20	58.68	97.80	-	97.80	-	-	97.80	97.80	97.80	-	98
	15CVS86	94.00	62.67	94.00	94.00	62.67	56.40	94.00	-	94.00	-	-	94.00	94.00	94.00	-	94
<b>Avg</b>	<b>Direct Attainment</b>	68.4	66.3	57.2	48.0	35.6	43.4	40.7	30.1	48.7	30.9	38.7	57.4	65.6	67.4	64.3	59.2

<b>AutSum</b>	4114	3470	2173	1691	1038	1316	640	546	1721	340	663	2360	2650	2799	1383	1833
<b>No of Non zero entry</b>	14	13	12	23										12		

### INDIRECT

exit survey on POs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
Indirect Attainment	92	87	83	82	84	87	84	82	80	84	82	80	92	91	90	85

### Overall PO and PSO attainment

80% of Direct attainment	54.70	53.03	45.78	38.43	28.49	34.71	32.54	24.10	38.93	24.75	30.97	45.92	52.50	53.90	43.82	47.33
20% of Indirect attainment	18.4	17.4	16.6	16.4	16.8	17.4	16.8	16.4	16	16.8	16.4	16	18.4	18.2	18	17
Overall Attainment	73.10	70.43	62.38	54.83	45.29	52.11	49.34	40.50	54.93	41.55	47.37	61.92	70.90	72.10	61.82	64.33
Target																
Att YES/NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesareghatta Road,  
Bangalore-560 057

HOD, Dept of Civil Engg.