

Velammal College of Engineering & Technology (Autonomous), Madurai
Department of Electronics and Communication Engineering

ASSESSMENT PATTERN

Degree	B.E-ECE
Course Code-Title	21EC305 - VLSI and Chip Design
Batch	2021-2025
Year/Semester/section	III/VI/A
Course Component	Professional core
Name of the Instructor	Dr. P. Suvetha Dhanaselvam

Course Outcome	Assessment Tools	Marks
CO1	Assignment-1, IAT-1	30+70
CO2	IAT-1, IAT-2	30+70
CO3	Assignment-2, IAT-2	20+80
CO4	Assignment-3, IAT-3	20+80
CO5	IAT-3	100

P. Suvetha Dhanaselvam
5/8/24
Course I/C/Coordinator

P. Suvetha Dhanaselvam
5/8/24
Module Coordinator

[Signature]
05/08/24
HOD/ECE

Velammal College of Engineering & Technology(Autonomous),Madurai

Department of ECE

Subject: 21EC305-VLSI AND CHIP DESIGN ,Class:VI SEM2021-2025 BATCH 'A' SECTION

Course incharge:Dr.P.Suveetha Dhanaselvam, Prof.

S.No	Roll No.	Name of the Student	CO1				CO2				CO3				CO4				CO5						
			A1	A1	IT1	IT1	CO1	IT1	IT1	IT2	IT3	CO2	A3	A3	IT2	IT2	CO3	IT3	IT3	A3	A3	CO4	IT3	IT3	CO5
1	21ECE002	ARCHITA A	42	23	27	50	75	11	27.5	15	70	100	58	20	34	85	100	29	88	50	20	100	21	100	100
2	21ECE003	BHARATHI K	42	23	25	46	71	9	22.5	18	70	90	36	14	20	68	8	24	56.2	40	16	92	14	57	37
3	21ECE006	HARINI T P	47	28	30	55	50	12	30	15	70	100	35	16	20	68	80	25	69	18	11	84	14	57	67
4	21ECE007	ISHANA CHELLAM S	47	28	32	55	87	11	27.5	16	70	98	45	18	24	56	74	22	60.7	41	16	80	14	76	70
5	21ECE011	MONIKA V	50	30	35	64	84	12	30	16	70	100	40	16	27	64	80	26	71.7	43	17	80	14	86	86
6	21ECE012	NIRANJANA B	42	23	36	64	92	10	25	15	66	91	36	14	20	47	63	23	61.4	45	18	83	14	76	76
7	21ECE013	PANDISELVI S	47	28	31	57	85	12	30	16	70	100	35	14	20	68	80	25	69	47	19	80	14	76	76
8	21ECE014	RAJESHWARI V	47	28	33	61	89	12	30	16	70	100	45	18	27	64	82	27	74.5	48	19	84	14	76	76
9	21ECE015	RAJPRIYA V R	44	26	31	57	84	12	30	16	70	100	40	16	20	68	84	26	71.7	38	15	87	15	71	71
10	21ECE017	RUBIKA K	50	30	33	61	87	12	30	16	70	100	39	16	26	61	79	21	57.9	40	14	74	4	25	29
11	21ECE019	SHIVANI G	47	28	32	59	87	12	30	16	70	100	35	14	27	64	76	29	77.2	39	16	93	13	62	62
12	21ECE021	SUBASHREE T U	44	26	29	53	80	10	25	16	70	95	40	14	20	68	84	0	0	42	17	87	0	5	8
13	21ECE028	YASHILA S	50	30	29	53	80	8	20	16	70	96	42	17	20	68	80	22	60.7	37	15	77	11	52	52
14	21ECE029	YUKTA SRI C K	47	28	34	63	91	8	20	9	30	59	45	18	23	54	72	18	49.7	40	16	64	13	62	62
15	21ECE030	ABINANDHAN B	46	28	26	48	75	11	27.5	12	57	80	46	18	21	40	68	25	69	42	17	86	3	14	14
16	21ECE033	AJAI V	46	28	35	64	92	12	30	16	70	100	46	18	31	71	57	27	74.5	48	19	94	18	86	86
17	21ECE035	ELANGOVA C	46	28	27	50	77	8	20	15	64	84	39	16	23	54	70	21	57.9	46	18	76	4	29	29
18	21ECE045	MANOJ RAJ K	47	28	26	48	76	8	20	12	57	73	41	16	18	42	59	25	69	36	14	80	17	81	81
19	21ECE048	MUTHU KUMAR M	47	28	26	48	76	12	30	15	64	86	43	17	28	64	85	25	69	42	17	86	15	73	73
20	21ECE050	PRANESH RAJA V K	42	23	23	39	64	12	30	16	70	100	37	15	27	64	76	25	69	45	18	80	13	62	62
21	21ECE052	RAKESH S	42	23	28	52	75	4	10	12	53	63	37	15	22	42	64	21	57.9	42	17	79	13	62	62
22	21ECE055	SANTHOSH N	42	23	24	44	69	9	22.5	15	64	88	41	16	27	64	80	19	52.4	41	16	69	16	76	76
23	21ECE056	SATHISH KUMAR M	42	23	20	37	62	7	17.5	15	64	83	44	18	23	54	72	25	69	39	16	85	12	57	57
24	21ECE057	SUNTOSH B D S	42	23	35	64	90	9	22.5	15	64	88	45	18	20	68	86	26	71.7	38	15	87	17	81	81
25	21ECE058	SURIYA NARAYANAN V	27	16	27	56	64	10	25	13	57	80	40	16	28	66	82	18	49.7	40	16	84	12	57	57
26	21ECE059	SURYA PRAKASH S	42	23	23	42	68	8	20	9	34	59	45	18	19	45	63	21	57.9	41	16	74	12	57	57
27	21ECE060	SURYAPRAKASH K	34	20	28	52	72	12	30	16	70	100	44	18	20	68	80	27	74.5	40	16	90	19	86	86
28	21ECE061	THEENAVAN S K	45	27	21	39	66	8	20	15	66	86	44	18	30	71	88	24	66.2	42	17	83	19	86	86
29	21ECE062	VINOTH S	47	28	0	0	28	0	0	14	61	61	42	17	17	40	59	13	35.9	39	16	83	12	57	57
30	21ECE065	AKSHARAA K	50	30	26	48	78	12	30	14	61	91	43	17	25	56	76	27	74.5	44	18	92	13	62	62
31	21ECE066	AMMU NISHITHA S	50	30	33	61	91	10	25	15	66	91	43	17	22	52	69	23	63.4	45	18	82	16	76	76
32	21ECE067	ASWATHY PRADHA DEVI	50	30	32	59	89	12	30	15	64	96	40	16	20	68	84	27	74.5	47	19	95	16	76	76
33	21ECE069	DHARSHANA S	50	30	2	4	34	0	0	0	0	0	40	16	0	0	0	0	0	45	18	28	0	0	0
34	21ECE072	INDHUJA J	47	28	29	53	82	12	30	16	70	100	42	17	21	49	66	24	66.2	40	16	82	7	33	33
35	21ECE073	JERLIN TRICKCY J	47	28	32	59	87	12	30	16	70	100	40	16	28	66	80	28	77.2	43	17	94	15	71	71
36	21ECE074	KARTHIGA V	44	26	17	31	58	8	20	11	48	64	41	16	20	47	63	19	52.4	39	16	68	1	5	5
37	21ECE075	KEERTHANA J	50	30	31	57	87	11	27.5	15	66	90	45	18	27	64	80	24	66.2	40	16	82	18	76	76
38	21ECE076	KIRUTHIKA R	50	30	31	57	87	8	20	16	70	96	45	18	20	47	65	27	74.5	42	17	91	18	86	86
39	21ECE077	LAVANIYA M	47	28	24	44	72	9	22.5	7	31	53	40	16	19	45	60	23	65.4	44	18	81	2	10	10
40	21ECE079	PANJVAL GNANA BOOMKA J	50	30	33	61	91	10	25	15	64	91	40	16	20	68	84	22	60.7	45	18	79	11	52	52
41	21ECE081	RAMALAKSHMI K	46	28	20	37	64	12	30	15	66	96	39	16	16	38	57	25	69	40	16	85	12	57	57
42	21ECE082	RAMYA R	50	30	25	46	70	8	20	16	70	96	38	15	24	56	72	24	66.2	42	17	83	11	52	52
43	21ECE083	RIGVEDA B R D	46	28	34	63	86	8	20	16	70	98	39	16	20	68	84	20	71.7	39	16	87	12	57	57
44	21ECE084	SABREEN SAFIRA S	50	30	27	56	80	12	30	13	57	83	44	18	25	59	76	20	55.2	41	16	70	11	52	52
45	21ECE086	SRIMATHI R	46	28	30	55	85	12	30	0	4	30	39	16	0	0	16	27	74.5	45	18	92	14	67	67
46	21ECE090	AL MOHAMMED BILAL A	46	28	25	46	74	10	25	14	70	95	47	19	24	61	80	17	46.9	44	18	84	19	76	76
47	21ECE091	ARWIN PARASU T J	46	28	18	33	63	8	20	15	64	80	39	16	24	56	70	23	63.4	42	17	80	4	19	19
48	21ECE093	DINESH KARTHIK V	46	28	24	44	70	10	25	13	57	82	40	16	26	61	70	21	57.9	40	16	76	12	57	57
49	21ECE096	JAYASURIYA B	42	23	17	34	55	8	20	15	66	86	31	12	27	64	76	22	60.7	43	17	78	4	19	19
50	21ECE096	KANTHIKEYAN R	42	23	24	44	63	8	35	16	70	83	31	12	20	68	81	19	52.4	45	18	76	16	68	68

51	21ECE101	KRISHNAMOORTHY S	42	25	26	48	71	8	20	16	70	96	31	12	30	71	87	18	49.7	44	18	47	11	52	52
52	21ECE102	MADHAVAN R	34	20	24	44	67	8	20	11	48	68	44	18	18	42	66	16	44.1	40	16	40	11	52	52
53	21ECE109	PRAVEEN KUMAR S	42	25	23	42	64	8	20	16	70	96	41	16	25	66	71	16.5	45.5	43	17	63	8.5	40	40
54	21ECE113	RAJA MUTHAIAH C	42	25	16	29	55	9	22.5	16	70	90	41	16	25	66	70	23	63.4	18	17	70	13	42	43
55	21ECE114	RUBEN S	42	25	18	33	38	8	20	5	22	40	37	17	22	52	62	17	41.4	40	16	57	10	48	48
56	21ECE117	SIMON CHRISTIAN J	47	29	26	48	76	10	25	16	70	95	41	16	27	64	76	27	74.5	46	18	55	18	56	56
57	21ECE119	SRINIDHISH S	42	25	29	51	75	0	8	8	37	33	44	18	23	54	71	18	49.7	47	18	48	10	48	48
58	21ECE121	TENIS PERINDAM RAJAN S	34	20	12	22	43	6	15	9	39	54	44	18	17	40	58	10	27.6	30	12	40	2	16	19
59	21ECE124	VISHAL JONATHAN A	45	25	21	39	64	8	20	15	66	86	44	18	29	68	66	23	63.4	40	16	70	5	24	24
60	21ECE126	VISHWNU PRIYAN R	47	29	32	50	87	10	25	16	70	95	42	17	30	71	80	28	77.2	42	17	64	7	57	53
61	21ECE127	DEEPTHI SRI S	47	29	18	37	63	8	20	14	63	83	40	16	6	34	50	22	60.7	42	17	59	12	57	57
62	22ECEAL02	VENKETRAJ K	42	25	20	37	62	6	15	12	63	68	45	18	19	47	62	18	49.7	44	16	67	12	47	57
63	22ECEAL04	KISHORE S	27	16	23	39	55	6	15	7	51	46	40	16	18	42	50	18	49.7	40	16	66	7	51	53

P. S. ⁴⁶ / 5/5/24
Course I/C/Coordinator

P. S. ⁴⁶ / 5/5/24
Module Coordinator

✓ 05/05/24
HOD/ECE

BATCH: 2021-2025

Course Component:Core

SNO	ROLL NO	NAME OF THE STUDENT	Internal Assessment				
			63				
			CO1%	CO2%	CO3%	CO4%	CO5%
1	21ECE002	ARCHITA A	75	98	85	89	57
2	21ECE003	BHARATHI K	71	93	83	82	67
3	21ECE006	HARINI T P	83	100	82	84	76
4	21ECE007	ISHANA CHELLAM S	87	98	74	77	76
5	21ECE011	MONIKA V	94	100	80	89	86
6	21ECE012	NIRANJANA B	92	91	61	81	76
7	21ECE013	PANDISELVI S	85	100	82	88	76
8	21ECE014	RAJESHWARI V	89	100	82	94	76
9	21ECE015	RAJPRIYA V R	84	100	84	87	71
10	21ECE017	RUBIKA K	91	100	77	74	29
11	21ECE019	SHIVANI G	87	100	78	93	62
12	21ECE021	SUBASHREE T U	80	95	84	17	0
13	21ECE028	YASHILA S	83	90	85	75	52
14	21ECE029	YUKTA SRI C K	91	59	72	66	62
15	21ECE030	ABINANDHAN S	75	80	68	86	14
16	21ECE033	AJAI V	92	100	91	94	86
17	21ECE035	ELANGO VAN C	77	86	70	76	29
18	21ECE045	MANOJ RAJ K	76	73	59	83	81
19	21ECE048	MUTHU KUMAR M	76	96	83	86	71
20	21ECE050	PRANESH RAJA V K	64	100	78	87	62
21	21ECE052	RAKESH S	77	63	67	75	62
22	21ECE055	SANTHOSH N	69	88	80	69	76
23	21ECE056	SATHISH KUMAR M	62	83	72	85	57
24	21ECE057	SUNTOSH B D S	90	88	86	87	81
25	21ECE058	SURIYA NARAYANAN V	66	82	82	66	57
26	21ECE059	SURYA PRAKASH S	68	59	63	74	57
27	21ECE060	SURYAPRAKASH K	72	100	86	90	90
28	21ECE061	THENNAVAN S K	66	86	88	83	90
29	21ECE062	VINOTH S	28	61	57	51	57
30	21ECE065	AKSHARAA K	78	91	76	92	62
31	21ECE066	AMMU NISHITHA S	91	91	69	81	76
32	21ECE067	ASWATHY PRADHA DEVI	89	96	84	93	76
33	21ECE069	DHARSHANA S	34	0	16	18	0
34	21ECE072	INDHUJA.J	82	100	66	82	33
35	21ECE073	JERLIN TRICKCY J	87	100	82	94	71
36	21ECE074	KARTHIGA.V	58	68	63	68	5
37	21ECE075	KEERTHANA J	87	93	82	82	76
38	21ECE076	KIRUTHIKA R	87	90	65	91	86
39	21ECE077	LAVANIYA M	72	53	61	81	10
40	21ECE079	PANUVAL GNANA BOOMIKA J	91	91	84	79	52
41	21ECE081	RAMALAKSHMI K	64	96	53	85	57
42	21ECE082	RAMYA R	76	90	72	83	52
43	21ECE083	RIGVEDA B R D	90	90	84	87	57
44	21ECE084	SABREEN SAFIRA S	80	87	76	72	52
45	21ECE088	SRIMATHI R	83	30	16	92	67

46	21ECE090	AL MOHAMED BILAL A	74	95	80	64	96
47	21ECE091	ARWIN PARASU T. J	61	86	72	80	19
48	21ECE093	DINESH KARTHICK V	72	82	77	74	57
49	21ECE098	JAYASURIYA S	57	86	76	78	19
50	21ECE099	KARTHIKEYAN R	69	85	81	70	48
51	21ECE101	KRISHNAMOORTHY S	73	90	83	67	52
52	21ECE102	MADHAVAN R	65	68	60	60	52
53	21ECE109	PRAVEEN KUMAR S	68	90	75	63	40
54	21ECE113	RAJA MUTHAIAH.C	55	93	75	79	62
55	21ECE114	RUBEN S	58	42	67	57	48
56	21ECE117	SIMON CHRISTIAN J	76	95	80	93	86
57	21ECE119	SRINIDHISH S	79	35	72	68	48
58	21ECE121	TENIS PERINBAM RAJAN S	43	54	58	40	10
59	21ECE124	VISHAL JONATHAN A	64	86	86	79	24
60	21ECE126	VISHHNU PRIYAN R	87	95	87	94	33
61	21ECE127	DEEPTHI SRI S	61	81	30	77	57
62	22ECEAL02	VENKETRAJ K	62	68	63	67	57
63	22ECEAL04	KISHORE S	55	46	58	66	33

		70	70	70	70	70
	CO-Internal-Direct Assessment	CO1	CO2	CO3	CO5	CO5
	No.of.students reached Competency	41	49	42	47	21
	% of students reached Competency	49.12	58.71	50.32	56.31	25.16

P. S. R
5/5/24
Course I/C/Course Coordinator

P. S. R
5/5/24
Module Co-ordinator

[Signature]
05/05/24
HOD/ECE

Velammal College of Engineering & Technology(Autonomous), Madurai
Department Of ECE

Course Outcome-External Assessment

Name of the Instructor: **Dr.P.Suveetha Dhanaselvam**

Subject: **21EC305-VLSI AND CHIP DESIGN**

Class: **VI SEM 'A' SECTION**

Course Component: **Core**

Strength

63

SNO	ROLL NO	NAME OF THE STUDENT	Register No.	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5
				17	17	32	17	17	100	100	100	100	100
1	21ECE002	ARCHITA A	913121106002	10	9	21	7	7	59	53	66	41	41
2	21ECE003	DHARATHI K	913121106006	17	15	32	14	13	100	88	100	82	76
3	21ECE006	HARINI T P	913121106007	15	13	30	15	11	88	76	94	88	65
4	21ECE007	ISHANA CHELLAM S	913121106008	12	12	20	11	10	71	71	63	65	59
5	21ECE011	MONIKA V	913121106009	13	14	24	13	14	76	82	75	76	82
6	21ECE012	NIRANJANA B	913121106010	15	14	29	15	10	88	82	91	88	59
7	21ECE013	PANDISELVI S	913121106011	12	11	20	11	9	71	65	63	65	53
8	21ECE014	RAJESHWARI V	913121106012	14	12	23	10	12	82	71	72	59	71
9	21ECE015	RAJPRIYA V R	913121106014	16	15	30	14	12	94	88	94	82	71
10	21ECE017	RUBIKA K	913121106016	11	8	13	8	8	65	47	41	47	47
11	21ECE019	SHIVANI G	913121106018	7	4	3	1	0	41	24	9	6	0
12	21ECE021	SUBASHREE T U	913121106020	13	11	23	12	10	76	65	72	71	59
13	21ECE028	YASHILA S	913121106023	11	8	21	9	7	65	47	66	53	41
14	21ECE029	YUKTA SRI C K	913121106028	14	15	23	14	12	82	88	72	82	71
15	21ECE030	ABINANDHAN S	913121106032	16	13	24	13	10	94	76	75	76	59
16	21ECE033	AJAI V	913121106033	13	12	25	12	12	76	71	78	71	71
17	21ECE035	ELANGO VAN C	913121106036	16	11	28	12	8	94	65	88	71	47
18	21ECE045	MANOJ RAJ K	913121106040	14	14	25	12	11	82	82	78	71	65
19	21ECE048	MUTHU KUMAR M	913121106041	12	11	22	10	0	71	65	69	59	0
20	21ECE050	PRANESHI RAJA V K	913121106042	15	12	25	10	9	88	71	78	59	53
21	21ECE052	RAKESH S	913121106044	17	16	32	16	13	100	94	100	94	76
22	21ECE055	SANTHOSH N	913121106046	14	13	21	11	9	82	76	66	65	53
23	21ECE056	SATHISH KUMAR M	913121106047	17	14	25	12	11	100	82	78	71	65
24	21ECE057	SUNTOSHI B D S	913121106049	16	13	28	12	11	94	76	88	71	65
25	21ECE058	SURIYA NARAYANAN V	913121106051	16	12	27	13	10	94	71	84	76	59
26	21ECE059	SURYA PRAKASH S	913121106055	11	8	21	7	6	65	47	66	41	35
27	21ECE060	SURYAPRAKASH K	913121106061	14	12	26	12	10	82	71	81	71	59
28	21ECE061	TIENNAVAN S K	913121106063	11	8	18	11	8	65	47	56	65	47
29	21ECE062	VINOTH S	913121106064	13	12	24	11	12	76	71	75	65	71
30	21ECE065	AKSHARAA K	913121106067	13	15	25	14	13	76	88	78	82	76
31	21ECE066	AMMU NISHITHA S	913121106068	14	15	29	14	12	82	88	91	82	71
32	21ECE067	ASWATHY PRADHA DEVI	913121106069	14	13	26	12	11	82	76	81	71	65
33	21ECE069	DHARSHANA S	913121106070	10	11	20	12	14	59	65	63	71	82
34	21ECE072	INDHUJA J	913121106076	15	13	25	12	8	88	76	78	71	47
35	21ECE073	JERLIN TRUCKCY J	913121106077	15	14	25	12	12	88	82	78	71	71
36	21ECE074	KARTHIGA V	913121106078	16	16	29	16	10	94	94	91	94	59
37	21ECE075	KEERTHANA J	913121106079	8	15	22	13	12	47	88	69	76	71
38	21ECE076	KJRUTHIKA R	913121106080	16	15	31	14	11	94	83	97	82	65
39	21ECE077	LAVANIYA M	913121106081	12	10	13	11	11	71	59	41	65	65
40	21ECE079	PANUVAL GNANA BOOMIKA J	913121106084	16	13	24	15	14	94	76	75	88	82
41	21ECE081	RAMALAKSHMI K	913121106085	10	9	20	10	7	59	53	63	59	41
42	21ECE082	RAMYA R	913121106086	15	14	29	12	14	88	82	91	71	82
43	21ECE083	RIGVEDA B R D	913121106088	12	12	24	12	12	71	71	75	71	71
44	21ECE084	SABREEN SAFIRA S	913121106090	15	12	29	13	13	88	71	91	76	76
45	21ECE088	SRIMATHI R	913121106092	11	11	20	11	11	65	65	63	65	65
46	21ECE090	AL MOHAMED BILAL A	913121106096	15	14	28	14	14	88	82	88	82	82
47	21ECE091	ARWIN PARASU T J	913121106099	17	15	27	12	11	100	88	84	71	65
48	21ECE093	DINESH KARTHICK V	913121106101	11	12	26	12	13	65	71	81	71	76
49	21ECE098	JAYASURIYA S	913121106102	10	10	20	10	8	59	59	63	59	47
50	21ECE099	KARTHIKEYAN R	913121106103	14	12	21	12	10	82	71	66	71	59
51	21ECE101	KRISHINAMOORTHY S	913121106106	14	13	24	11	11	82	76	75	65	65
52	21ECE102	MADHAYAN R	913121106107	13	13	28	12	12	76	76	72	71	71
53	21ECE109	PIRAVEEN KUMAR S	913121106108	13	10	20	11	4	76	59	63	65	24
54	21ECE113	RAJA MUTHAJAH C	913121106109	17	16	31	14	12	100	94	97	82	71
55	21ECE114	RUBEN S	913121106112	13	14	22	8	8	76	82	69	47	47

56	21ECE117	SIMON CHRISTIAN J	913121106114	14	9	23	11	10	82	53	72	65	59
57	21ECE119	SRINIDHISHI S	913121106118	9	12	21	3	7	53	71	66	18	41
58	21ECE121	TENIS PERINBAM RAJAN S	913121106120	15	3	29	15	11	83	18	83		65
59	21ECE124	VISHAL JONATHAN A	913121106122	13	14	23	12	12	78	82	72	71	71
60	21ECE126	VISHWANU PRIYAN R	913121106124	11	12	23	11	12	65	71	72	65	71
61	21ECE127	DEEPTHI SRI S	913121106126	16	15	28	15	14	94	88	88	88	82
62	22CEAL02	VENKETRAJ K	913121106103	14	9	25	9	4	82	53	78	53	24
63	22CEAL04	KISHORE S	913121106105	12	11	19	10	10	71	65	59	59	59

Expected level of Competency	70	70	70	70	70
Expected level of Attainment	70	70	70	70	70
No.of.students reached Competency	49	43	42	38	24
% of students reached Competency	77.78	68.25	66.67	60.32	38.10

P. S. Pr
5/8/24
Course I/C/Course Coordinator

P. S. Pr
5/8/24
Module Coordinator

5/8/24
HOD/ECE

Subject: 21EECE305-VLSI AND CHIP DESIGN ,Class:VI SEM 'A' SECTION

Course Component: Core

BATCH: 2021-2025

Name of the Course incharge:Dr.P.Suveetha Dhanasekavam

Strength

63

S.No	Roll.No	Name of the Student	CO1	CO2	CO3	CO4	CO5
1	21EECE662	ARCHITHA A	Good	Excellent	Good	Good	Excellent
2	21EECE663	BARATHAR K	Excellent	Excellent	Excellent	Excellent	Excellent
3	21EECE666	BARATHI T P	Excellent	Excellent	Excellent	Excellent	Excellent
4	21EECE667	CHANDRA CHELLAM S	Excellent	Excellent	Excellent	Excellent	Excellent
5	21EECE611	MOHANA V	Excellent	Excellent	Excellent	Excellent	Excellent
6	21EECE612	HIRANMATHA B	Excellent	Excellent	Excellent	Excellent	Excellent
7	21EECE613	VAHIDHILEVI S	Excellent	Excellent	Excellent	Excellent	Excellent
8	21EECE614	RAJESHWARIV	Excellent	Good	Excellent	Excellent	Good
9	21EECE615	RAJAPRIYA VR	Excellent	Excellent	Excellent	Excellent	Excellent
10	21EECE617	POUSHA K	Excellent	Excellent	Excellent	Excellent	Excellent
11	21EECE619	SIRIVANI O	Excellent	Excellent	Excellent	Excellent	Excellent
12	21EECE621	SUBASREE T U	Excellent	Excellent	Excellent	Excellent	Excellent
13	21EECE626	YASHITHA S	Excellent	Excellent	Excellent	Excellent	Excellent
14	21EECE629	YUKTA SHR G K	Excellent	Excellent	Excellent	Excellent	Excellent
15	21EECE630	ABIRANANDHAN S	Excellent	Excellent	Excellent	Excellent	Excellent
16	21EECE633	AJMI V	Excellent	Excellent	Excellent	Excellent	Excellent
17	21EECE635	ELANGOVAN G	Excellent	Excellent	Excellent	Excellent	Excellent
18	21EECE645	MANOJ RAJ K	Excellent	Excellent	Excellent	Excellent	Excellent
19	21EECE640	MUTHU KUMAR M	Excellent	Excellent	Excellent	Excellent	Excellent
20	21EECE650	PRANALSHILPA V K	Excellent	Excellent	Excellent	Excellent	Excellent
21	21EECE652	RAKESH S	Excellent	Excellent	Excellent	Excellent	Excellent
22	21EECE655	SANTHOSH N	Excellent	Excellent	Excellent	Excellent	Excellent
23	21EECE658	SATHISH KUMAR M	Excellent	Excellent	Excellent	Excellent	Excellent
24	21EECE657	SUNTOSH D D S	Excellent	Excellent	Excellent	Excellent	Excellent
25	21EECE659	SURIYA NARAYANAN V	Excellent	Excellent	Excellent	Excellent	Excellent

58	21ECE121	TENIS PERINBAM RAJAN S	Excellent	Good	Excellent	Excellent	Excellent	Excellent
59	21ECE124	VISHAL JONATHAN A	Excellent	Good	Excellent	Excellent	Excellent	Excellent
60	21ECE126	VISHHNU PRIYAN R	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
61	21ECE127	DEEPTHI SRI S	Excellent	Excellent	Excellent	Good	Excellent	Excellent
62	22ECEAL02	VENKETRAJ K	Excellent	Good	Excellent	Good	Excellent	Excellent
63	22ECEAL04	KISHORE S	Excellent	Good	Excellent	Excellent	Excellent	Excellent

CO-Internal-Indirect Assessment

No.of.students reached	61	57	60	58	60
% of students reached	97	90	95	92	95

P. S. M. 8/24
Course I/C/Course Coordinator

P. S. M. 8/24
Module Co-ordinator

HOD/ECE 05/05/24

Velammal College of Engineering and Technology(Autonomous) ,Madurai
Department of ECE
CO-PO, CO-PSO Attainment

Course Code-Title: 21EC305-VLSI AND CHIP DESIGN
 Course Component: Core
 BATCH: 2021-2025

Degree/Year/Sem: B.E/III/VI-A
 Name of the Course Incharge: Dr.P.Suveetha Dhanaselvam

Course Outcomes	CO1	CO2	CO3	CO4	CO5
CO-Direct Assessment- Internal (80%)	39.30	46.97	40.26	45.05	20.13
CO-Indirect Assessment- Internal(20%)	19.37	18.10	19.05	18.41	19.05
CO-Internal Assessment(40%)	23.47	26.02	23.72	25.39	15.67
CO-External Assessment (60%)	46.67	40.95	40.00	36.19	22.86
Total- Internal(40%) + External (60%)	70.13	66.98	63.72	61.58	38.53
Attainment Level	2	1	1	1	0

Attainment Level	Target Achieved
3	80
2	70
1	60
Other	0

CO-PO Mapping

CO	PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	K-level	K3	K4	K5	K5	K6	K3	K2	K3	K3	K2	K3	K3
CO1	K2	2	1	1	1	—	—	—	—	1	1	—	—
CO2	K3	3	2	1	1	2	—	—	—	1	1	—	1
CO3	K2	2	1	—	—	—	—	—	—	1	1	—	1
CO4	K3	3	2	1	1	—	—	—	—	1	1	—	—
CO5	K2	2	1	—	—	—	—	—	—	—	—	—	—
21EC305		3	2	1	1	1	—	—	—	1	1	—	1

CO-PO Attainment

CO	PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	K-level	K3	K4	K5	K5	K6	K4	K2	K3	K3	K2	K3	K3
CO1	K2	1	1	1	1	—	—	—	—	1	1	—	—
CO2	K3	1	1	0.3	0.3	—	—	—	—	0.3	0.3	—	—
CO3	K2	0.7	0.3	—	—	—	—	—	—	0.3	0.3	—	—
CO4	K3	1	1	0.3	0.3	—	—	—	—	—	—	—	—
CO5	K2	0	0	—	—	—	—	—	—	—	—	—	—
Total		4.0	2.3	1.3	1.3	—	—	—	—	1.3	1.3	—	—
21EC305		1	1	1	1	—	—	—	—	1	1	—	—

CO-PSO Mapping

CO	PSO1	PSO2
CO1	2	—
CO2	3	2
CO3	2	—
CO4	3	—
CO5	2	—
21EC305	3	1

CO-PSO Attainment

CO	Ps01	Ps02
CO1	1	—
CO2	1	—
CO3	1	—
CO4	1	—
CO5	0	—
Total	4	—
21EC305	1	—

P. S. / 16 / 5/11/24
 Course I/C/Course Coordinator

P. S. / 16 / 5/11/24
 Module Coordinator

W. / 05 / 04 / 24
 HOD/ECE

VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY, MADURAI - 625 009
DEPARTMENT OF INFORMATION TECHNOLOGY

Course Outcome-External Assessment

Name of the Instructor/Designation: Ms.J John Shiny AP/IT

Course Code/Title: 21CS207/Design and Analysis of Algorithms

Course Component: Professional Core

Batch :2022-2026

Year/Sec:H/A&B

SN O	ROLL NO	NAME OF THE STUDENT	Class strength	
			132	
			University Mark	
			CO1-CO5	
1	22ITA01	APELINE JOANNA V	B+	70
2	22ITA02	ARIN S	A	80
3	22ITA03	ALAGU GOMATHI	A	80
4	22ITA04	RAVITHIRAB	A	80
5	22ITA05	HARANYA S	A+	90
6	22ITA06	HARSHANA SHRUTHI	A	80
7	22ITA07	ILAKKIYA JOTHI V P	A	80
8	22ITA08	IMAKULIN SWEETIKA	A	80
9	22ITA09	ISWARYA G	A	80
10	22ITA10	JAITRIN SHEFAYA B S	A	80
11	22ITA11	JELUVASRI P R	A	80
12	22ITA12	KEERTHANA R	B+	70
13	22ITA13	LAVINA ROSHINI MANOJ	A	80
14	22ITA14	MUTHULAKSHMI P	A	80
15	22ITA15	NANDHINI S	B+	70
16	22ITA16	POOJA SHREE P	B	60
17	22ITA17	POORNA LAKSHMI C	A	80
18	22ITA18	SAMI LHA A	A	80
19	22ITA19	SAMHITA M	A	80
20	22ITA20	SATHIYARUPA T	A	80
21	22ITA21	SHANMUGAPRIYA A.R	A	80
22	22ITA22	SHARMILA DEVI R	A+	90
23	22ITA23	SIVANITHI P.Y	B+	70
24	22ITA24	SORANA MANIKANDAN	A	80
25	22ITA25	SUBASHINI G	B	60
26	22ITA26	SUBHA DHARSHINI V	B+	70
27	22ITA27	SUTHAVATHIR	A	80
28	22ITA28	SWARNA SUGANTHI S	A+	90
29	22ITA29	SYRIN SUTHANA.Z	A	80
30	22ITA30	TAMANNA S	B+	70
31	22ITA31	YOGESHWARI V V	A+	90
32	22ITA32	AKASH AK	A	80
33	22ITA33	ARUNKUMAR K R	A+	90
34	22ITA34	ARUNKUMAR S	B	60
35	22ITA35	ASLAN RUSHIN A	B+	70
36	22ITA36	ASWIN KUMAR S	A	80
37	22ITA37	EDWIN JOEL J	A	80
38	22ITA38	HARI SH KUMAR S	B+	70
39	22ITA39	HARISHVAR S P	B	60
40	22ITA40	HARISHARAN K	B+	70
41	22ITA41	JANADI ESWARAN P	B	60
42	22ITA42	KAMAL ESHWARAN R	B	60
43	22ITA43	KAVINI SIK K K	B	60
44	22ITA44	KIPAN KUMAR A	B	60
45	22ITA45	MANOJ KUMAR S	A	80
46	22ITA46	MUHAMMID SILAR M	A	80
47	22ITA47	MUHAMMID AJAM S	B+	70
48	22ITA48	MUHAMMID HUSSIAN A	B+	70
49	22ITA49	PRANISHWARAN M H	A	80
50	22ITA50	PREVENS	A	80
51	22ITA51	RAGHU M K G	A	80
52	22ITA52	ROHAN J	A	80
53	22ITA53	RUBAN A S	U	0
54	22ITA54	SANJAIN	A+	90
55	22ITA55	SHREESH M R	B+	70
56	22ITA56	SHIRIRAM R	B	60

			CUT-OFF	
57	22IIA57	SIVA PRANAV R	u	0
58	22IIA58	SRI HARSHIVAN	B+	70
59	22IIA59	SUDHARSAN J S	B+	70
60	22IIA60	SUPRAKASH S	B+	70
61	22IIA61	YADHUVIR VINAYAK M	A	80
62	22IIA62	YOGI SHWARAN T S	B	60
63	22IIA63	SUDHIR KRISHNA S	B	60
64	23IIA01	GOWDHAM R	B	60
65	23IIA02	JOHNSON J	B	60
66	23IIA03	PURUSHOTHAMAN C	B	60
67	22IIB01	K ALAGUPRIYA	B+	70
68	22IIB02	V DIVYA	A	80
69	22IIB03	R GAYATHRI	A+	90
70	22IIB04	K ISHWARYA	A+	90
71	22IIB05	R KAHLA SRI	A	80
72	22IIB06	S MADHAVI PRIYA DHARSHINI	B	60
73	22IIB07	R MADHUMITA	A+	90
74	22IIB08	P MEERASHREE	A	80
75	22IIB09	N MITHRA	A	80
76	22IIB10	P NAVFENA SRI	A	80
77	22IIB11	K NISHASRI	A	80
78	22IIB12	C PRIYADHARSHINI	A	80
79	22IIB13	D RACHEL	A	80
80	22IIB14	K B RAJASREENITHAA	A	80
81	22IIB15	J RAKSHANA	A	80
82	22IIB16	RUPA M S	A	80
83	22IIB17	R SAFIHA NOOR	A+	90
84	22IIB18	M SANJANA	A	80
85	22IIB19	T R SAKTHI VARSHA	A	80
86	22IIB20	P SHIFA	O	100
87	22IIB21	B SONA	A+	90
88	22IIB22	M U SONASRI	O	100
89	22IIB23	S SOWMIYA	A	80
90	22IIB24	B SUJITHA	O	100
91	22IIB25	K SWASTHIKA	A	80
92	22IIB26	S VASUPPRADHA	O	100
93	22IIB27	S V VISHWA SHREE	A+	90
94	22IIB28	G YUVASHREE	O	100
95	22IIB29	N AARON SAM JORDAN	U	0
96	22IIB30	J AJAY	U	0
97	22IIB31	V N G AJEY SUTHAN	U	0
98	22IIB32	H ASHISH THIPPU	A	80
99	22IIB33	S ASWIN KUMAR	A	80
100	22IIB34	M R AVINASH	B+	70
101	22IIB35	V BALAGI	C	0
102	22IIB36	R BASTIN JERALD	A	80
103	22IIB37	V DINESH	A	80
104	22IIB38	S ELAMARAN	A	80
105	22IIB39	J GOMATHI HARISHI	B+	70
106	22IIB40	V KANNAN	O	100
107	22IIB41	G R A P THICK	U	0
108	22IIB42	T S R A P THIKYAN	A	80
109	22IIB43	K MALWAN	B+	70
110	22IIB44	S MOHAMMED SAMIR	O	100
111	22IIB45	M MU RALI PRASATHI	U	0
112	22IIB46	T V NAGARJUN	O	100
113	22IIB47	S NAGARJUNA	O	100
114	22IIB48	S NAVIENA KUMAR	A	80
115	22IIB49	S NDESHI	A	80
116	22IIB50	N NITHIN PRASANTHI	B+	70
117	22IIB51	R PARTHA SARATHI	B+	70
118	22IIB52	A RAJA GURU	A	80

SN O	ROLL NO	NAME OF THE STUDENT	University Mark	
			COI-COS	
119	22IB53	R SHAMEL AHAMED	U	0
120	22IB54	G M SIVA SURIYA RAJAN	A	80
121	22IB55	V SONAI RAHUL	B	60
122	22IB56	R SRI KATHIR	A	80
123	22IB57	K SUDHARSAN DEV	U	0
124	22IB58	S I SUNDHARSHWARAN	A	80
125	22IB59	S THOUFIQ THAMEEM ANSARI	A	80
126	22IB60	VENKATESH S	AB	0
127	22IB61	S VUAYAKUMAR	A	80
128	22IB62	S R VIKNESH	A	80
129	22IB63	S YUGESH RAM	C	0
130	23LIT01	PRAVEEN KUMAR M	A	80
131	23LIT02	ASWIN SHANKAR R	B	60
132	23LIT03	ARSHATH AHAMED A	B+	70

Expected level of Competency	70
Expected level of Attainment	70
No.of.students reached Competency	103
% of students reached Competency	78.03

Course Incharge
Mrs. J. John Shiny

Module Coordinator
Mrs. M. Prabha

HoD/IT
Dr. R. Kavitha

VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY, MADURAI - 625 009
 DEPARTMENT OF INFORMATION TECHNOLOGY
CO-FO, CO-PSO Attainment

Course Code/Title: 21CN207/Design and Analysis of Algorithms
 Course Component: Professional Core
 Batch :2022-2026

Degree/Year/Sem/Sec: B.Tech-IT / II / III/A&B
 Name of the Course Incharge: Mrs.J John Shiny

Course Outcomes	CO1	CO2	CO3	CO4	CO5
CO-Direct Assessment- Internal (80%)	50.91	66.67	59.39	59.39	63.64
CO-Indirect Assessment- Internal(20%)	19.55	19.39	19.39	19.55	19.70
CO-External Assessment(40%)	31.21	31.21	31.21	31.21	31.21
CO-Internal Assessment (60%)	42.27	51.64	47.27	47.36	50.00
Total- Internal(60%) + External(40%)	73.48	82.85	78.48	78.58	81.21
Attainment Level	2	3	2	2	3

JJS
 3/10
 Course Incharge
 (Mrs. J. John Shiny)

10/10/2024
 10/3/10/2024
 Module Coordinator
 (Mrs. M. Prabha)

Attainment Level	Target Achieved
3	80
2	70
1	60
Others	0

4/10
 HoD/IT
 (Dr. R. Kavitha)

VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY, MADURAI - 625 009
 DEPARTMENT OF INFORMATION TECHNOLOGY
 CO-PO, CO-PSO Attainment

Course Code/Title: 21CS207/Design and Analysis of Algorithms
 Course Component: Professional Core
 Batch :2022-2026

Degree/Year/Sem/Sec: B.Tech-IT / II / IIIA&B
 Name of the Course Incharge: Mrs. J. John Shiny

Outcomes Bloom's Level	CO-PO with course enrichment activities															CO-	
	PO1 K3	PO2 K4	PO2 K5	PO3 K5	PO4 K5	PO5 K6	PO6 K3	PO7 K2	PO8 K3	PO9 K3	PO10 K2	PO11 K3	PO12 K2	PSO1 K5	PSO1 K5	PSO1 K5	
CO1 K2	3	2	1	1	1	2				2						1	
CO2 K3	3	2	1	1	1	2				2						1	
CO3 K3	3	2	1	1	1	2				2						1	
CO4 K3	3	2	1	1	1	2				2						1	
CO5 K3	3	2	1	1	1	2				2						1	
Course Contribution	3	2	2	1	1	2				2						1	

Outcomes Bloom's Level	CO-PO attainment															CO-	
	PO1 K3	PO2 K4	PO2 K5	PO3 K5	PO4 K5	PO5 K6	PO6 K3	PO7 K2	PO8 K3	PO9 K3	PO10 K2	PO11 K3	PO12 K2	PSO1 K5	PSO1 K5	PSO1 K5	
CO1 K2	2.00	1.33	0.67	0.67	0.67	1.33	0.00	0.00	0.00	1.33	0.00	0.00	0.00	0.67	0.67	0.67	
CO2 K3	3.00	2.00	1.00	1.00	1.00	2.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	1.00	1.00	1.00	
CO3 K3	2.00	1.33	0.67	0.67	0.67	1.33	0.00	0.00	0.00	1.33	0.00	0.00	0.00	0.67	0.67	0.67	
CO4 K3	2.00	1.33	0.67	0.67	0.67	1.33	0.00	0.00	0.00	1.33	0.00	0.00	0.00	0.67	0.67	0.67	
CO5 K3	3.00	2.00	1.00	1.00	1.00	2.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	1.00	1.00	1.00	
Total	12.00	8.00	4.00	4.00	4.00	8.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00	4.00	4.00	4.00	
Attainment Level	3	2	2	1	1	2				2				1	1	1	

J.S.
 Course Incharge
 (Mrs. J. John Shiny)

P.M. 10/10/2024
 Module Coordinator
 (Mrs. M. Prabha)

R.
 HoBT
 (Dr. R. Kavitha)

Velammal College of Engineering & Technology, Madurai
Department of Information Technology
Instructor Report

Academic Year :2023-2024

Batch: 2022-2026

Course Code / Name :21CS207 / Design and Analysis of Algorithms

Year/ Semester/ Section: II /IV / A&B

Course Component : Professional Core

Course Incharge :Mrs. J. John Shiny

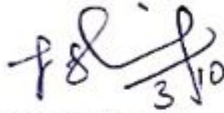
Course In charge remarks	
Prerequisite knowledge of students	Students should have knowledge on Discrete Mathematics and Graph Theory
Comfortability in timely completion of the syllabus unit wise.	Planned 45 hours in the course plan which is more than enough to teach the concepts.
Sufficiency / Comfortability of assessment tools	CO1 IAT-I ,Assignment I
	CO2 IAT-I & IAT-II ,Assignment II
	CO3 IAT-II, Assignment II
	CO4 IAT-III ,Assignment III
	CO5 IAT-III, Assignment III
	Assessment tools include Assignment and Internal assessment. These assessment tools help to improve the knowledge level of the students and they are sufficient enough to evaluate the knowledge level of the students.
Students' feedback on handling the course.	Course Exit Survey (MOD):97.73% From the Course Exit Survey, Students were comfortable in the mode of delivery. Lecture with demonstration and problem solving was followed to deliver the content of this course. Same methodologies can be followed in upcoming semesters.
Provide a challenging / participating / facilitating environment	All assignment questions are taken from GATE and book exercises creates challenging environment for problem solving.
Areas of strength	Demonstration based teaching methodologies, problem solving, collaborative learning, think pair share was used to engage the students in active mode. Some questions are taken from MIT
Areas of weakness / improvement	For improvement in problem solving, more problems can be given as homework for the betterment of slow learners.

Course Outcome attainment

COs	Attainment % Before University Examination	Attainment% After University Examination
CO1	42.27	73.48
CO2	51.64	82.85
CO3	47.27	78.48
CO4	47.36	78.58
CO5	50	81.21

Module Coordinator remarks

- * Give more practice test on the concepts, which the students felt difficult.
- * Arrange peer groups for better understanding the concepts.
- * Use online resources that provide animations of algorithms in action.
- * Use previous year end semester question papers to solve problems with the students and make the students to manage the time.


3/10
Course Incharge
(Mrs.J. John Shiny)


10.11/2024
Module Coordinator
(Mrs.M. Prabha)


6/10/24
HoD/IT
(Dr.R. Kavitha)

2023-24/01

VJRAMMA COLLEGE OF ENGINEERING AND TECHNOLOGY, NIDDERAY, GUNTUR
 DEPARTMENT OF POLYMER TECHNOLOGY
 UJETA, CO-550-ANNAMMA

Visiting Officer: VERTIC/Process System Simulation and Control

Subject: Process Flow, B.E. 2023 - 24 (I)

Point of the Course Technology: Dr. S. Shanmugasundaramoorthy
 YEAR: 2023-24 (I)

BATCH: 2023-24

Sl. No	Particulars	2023	2024	2025	2026	2027	2028
1	CP Model Assessment (Internal 20%)	11.40	12.10	11.40	10.80	10.10	10.00
2	CP Model Assessment (External 10%)	11.20	10.90	10.80	10.80	10.70	10.70
3	CP External Assessment (20%)	11.80	11.80	11.80	11.80	11.80	11.80
4	CP Internal Assessment (20%)	10.50	10.10	10.70	10.50	10.00	10.00
5	Total (Internal/CP Internal 20%)	43.90	44.90	44.70	43.90	42.60	42.50
6	Minimum Level	1	1	1	1	1	1

Minimum Level	Target
1	1

INTERNAL ASSESSMENT WITH COURSE REQUIREMENT ATTAINMENT

Sl. No	Particulars	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
1	CP Model Assessment (Internal 20%)	11.40	12.10	11.40	10.80	10.10	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
2	CP Model Assessment (External 10%)	11.20	10.90	10.80	10.80	10.70	10.70	10.70	10.70	10.70	10.70	10.70	10.70	10.70	10.70	10.70	10.70	10.70	10.70
3	CP External Assessment (20%)	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80
4	CP Internal Assessment (20%)	10.50	10.10	10.70	10.50	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
5	Total (Internal/CP Internal 20%)	43.90	44.90	44.70	43.90	42.60	42.50	42.50	42.50	42.50	42.50	42.50	42.50	42.50	42.50	42.50	42.50	42.50	42.50
6	Minimum Level	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Sl. No	Particulars	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
1	CP Model Assessment (Internal 20%)	11.40	12.10	11.40	10.80	10.10	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
2	CP Model Assessment (External 10%)	11.20	10.90	10.80	10.80	10.70	10.70	10.70	10.70	10.70	10.70	10.70	10.70	10.70	10.70	10.70	10.70	10.70	10.70
3	CP External Assessment (20%)	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80
4	CP Internal Assessment (20%)	10.50	10.10	10.70	10.50	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
5	Total (Internal/CP Internal 20%)	43.90	44.90	44.70	43.90	42.60	42.50	42.50	42.50	42.50	42.50	42.50	42.50	42.50	42.50	42.50	42.50	42.50	42.50
6	Minimum Level	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

SP 5/4/24

SP 5/4/24

A: 88/05/04/24

Velammal College of Engineering and Technology, Madurai-9

Department of Electrical and Electronics Engineering

Sem : VII

EE8702 / Power System Operation and Control

Class: IV Year (23-24 ODD)

Internal Assessment

S.NO	ROLL NO	NAME	CO 1			CO 2			CO 3			CO 4			CO 5			CO 6		
			CY(80)	Ass(20)	TOTAL(100)	CY(80)	Ass(20)	TOTAL(100)	CY(80)	Ass(20)	TOTAL(100)	CY(80)	Seminar(20)	TOTAL(100)	CY(80)	TOTAL(100)	Seminar(20)	TOTAL(100)		
1	20EEE01	ANANTHA LAKSHMI K	70	20	90	68	18	86	62	20	82	75	20	95	78	97	20	100		
2	20EEE03	INFENCIA D	47	20	67	55	19	74	68	20	88	56	20	76	78	97	20	100		
3	20EEE04	JEYAPRATHA R	60	20	80	62	19	81	54	20	74	67	20	87	75	94	20	100		
4	20EEE05	LANISHA VIRGIN A	66	20	86	62	19	81	56	20	76	78	20	98	75	94	20	100		
5	20EEE06	MICHAEL SAGAYA SEBATINY J	56	20	76	74	16	90	65	20	85	56	20	76	75	94	20	100		
6	20EEE07	NITHYA SHRI M	58	11	73	68	18	86	63	20	83	61	20	81	73	91	18	90		
7	20EEE08	PADMASHREE K	64	20	84	74	18	92	54	20	74	70	20	90	73	91	19	95		
8	20EEE09	PRIYA DHARSHINI S	66	20	86	62	18	80	56	19	75	73	19	92	73	91	20	100		
9	20EEE10	RAJESWARI P	66	20	86	74	19	93	52	20	72	75	20	95	75	94	20	100		
10	20EEE11	SATHYA PRIYA S	54	20	74	62	19	81	59	20	79	48	20	68	68	85	20	100		
11	20EEE12	SHANMATHI T G	62	20	82	74	17	91	66	20	86	78	20	98	75	94	20	100		
12	20EEE13	SHANMUGAPRIYA S	68	20	88	74	20	94	55	20	75	68	20	88	66	82	20	100		
13	20EEE14	SHARMINI SAKTHI C M	52	20	72	74	20	94	69	20	89	69	20	89	75	94	20	100		
14	20EEE15	SOFI D	59	20	79	74	18	92	57	20	77	73	20	93	71	88	20	100		
15	20EEE16	SOFIA S	70	19	89	74	18	92	53	20	73	61	20	81	75	94	20	100		
16	20EEE17	SUREKA HARINI K	44	20	64	74	17	91	53	20	73	65	20	85	68	85	18	90		
17	20EEE18	SWETHA K	70	20	90	74	18	92	71	20	91	78	20	98	73	91	20	100		
18	20EEE19	SWETHA K	69	20	89	74	17	91	76	20	96	65	20	85	75	94	20	100		
19	20EEE20	ADEEB RAAFEH S	21	20	41	49	18	67	43	20	63	55	20	75	52	65	15	75		
20	20EEE21	ARAVIND D S	44	20	64	62	20	82	56	20	76	59	19	78	66	82	16	80		
21	20EEE22	ARAVIND S	46	20	66	62	19	81	67	20	87	65	20	85	75	94	17	85		
22	20EEE23	ARSATH J	67	20	87	49	20	69	67	20	87	70	20	90	75	94	19	95		
23	20EEE24	BALAJI KANNA M	70	20	90	74	17	91	65	20	85	73	20	93	71	88	18	90		
24	20EEE25	IGURUDEV	54	20	74	62	19	81	52	20	72	40	20	60	56	71	17	85		
25	20EEE26	GOWSHICK J	51	20	71	49	19	68	37	20	57	39	20	59	56	71	15	75		
26	20EEE27	HARJE SHANGAR M	58	20	78	74	19	93	51	20	71	67	20	87	75	94	16	80		

SNO	ROLL NO	NAME	CO 1			CO 2			CO 3			CO 4			CO 5		CO 6	
			CY(80)	Ass(20)	TOTAL(100)	CY(80)	Ass(20)	TOTAL(100)	CY(80)	Ass(20)	TOTAL(100)	CY(80)	Seminar(20)	TOTAL(100)	CY(80)	TOTAL(100)	Seminar(20)	TOTAL(100)
27	20EE28	KARPAGA VINAYAGAM M S	68	20	88	74	19	93	65	20	85	62	20	82	75	94	19	95
28	20EE29	KARTHICK MURUGAN K	68	20	88	62	19	81	65	20	85	75	20	95	75	94	19	95
29	20EE30	MANIKANDAN M	70	20	90	74	17	91	68	20	88	78	20	98	75	94	19	95
30	20EE31	MATHANA GOPAL M	68	20	88	74	17	91	65	19	82	73	20	93	75	94	19	95
31	20EE32	MUHAMMED DHANISH Z	50	16	66	37	14	51	41	18	59	53	20	73	45	56	17	85
32	20EE33	NAGANATH P	73	14	87	74	0	74	72	0	72	79	19	98	75	94	20	100
33	20EE34	NAVEEN V	65	20	85	68	18	86	48	20	68	69	20	89	75	94	20	100
34	20EE35	PRASANNA VENKATESH S	61	19	80	62	0	62	67	17	84	68	20	88	64	79	20	100
35	20EE36	RICKY C	70	20	90	62	0	62	61	20	81	61	20	81	71	88	20	100
36	20EE37	SELVAMURUGAN M	58	20	78	62	16	78	54	20	74	53	20	73	75	94	18	90
37	20EE38	SHANMUGA SUNDARAPANDI B	47	18	65	62	16	78	35	20	55	68	19	87	68	85	18	90
38	20EE39	SHIVA SIDHARTH S	46	20	66	55	19	74	35	20	55	39	20	59	68	85	19	95
39	20EE40	SHYAM SUNDAR C	43	20	63	62	16	78	62	20	82	48	20	68	71	88	19	95
40	20EE41	SURYA NARAYANAN S	48	18	66	49	19	68	39	20	59	56	20	76	54	68	18	90
41	20EE42	VASANTHA KUMAR K	53	17	70	49	13	64	56	20	76	58	20	78	75	94	19	95
42	20EE43	VETHA SAMUVEL NISHANTH S	58	20	78	68	19	87	49	20	69	76	20	96	71	88	19	95
43	20EE44	VIJAYARAM S S	69	18	87	74	16	90	55	20	75	73	20	93	71	88	20	100
44	20EE45	VISHAL ADTHITHYA V	64	20	84	55	20	75	53	20	73	70	20	90	75	94	20	100
45	20EE46	VISHWAKSEANAN N	68	19	87	37	19	56	57	17	74	50	19	69	75	94	19	95
46	20EE47	VISWANATH A J	58	20	78	62	19	81	71	20	91	64	20	84	75	94	20	100
47	21LEE01	MATHESH	68	20	88	74	19	93	65	20	85	53	20	73	71	88	19	95
48	21LEE02	A SANJAY GANDH	59	20	79	55	16	71	37	20	57	58	20	78	73	91	17	85
49	21LEE03	S SHRETHARAN	62.4	20	82	74	19	93	65.95	19	85	76	20	96	75	94	20	100
50	21LEE04	SALAI GNANA BALAN K	66	20	86	55	18	73	35	20	55	48	20	68	75	94	17	85

By 24
Course in charge

By 24
Module Coordinator

By 24
A. C. S. / 05/04/20
HOD / EEE

Velammal College of Engineering & Technology, Madurai-9

Department of EEE

Course Outcome-Internal Assessment-Direct Assessment

Name of the Instructor/Designation: Mrs.R.Saranya,AP-III/EEE

Course Code/Title:EE8703 /Renewable Energy Systems

BATCH: 2020-2024

Year IV

Semester: VII

S.NO	ROLL NO	NAME OF THE STUDENT	INTERNAL ASSESSMENT					
			CO1 %	CO2 %	CO3 %	CO4 %	CO5 %	CO6 %
1	20EEE01	ANANTHA LAKSHMI K	90	86	82	95	97	100
2	20EEE03	INFENCIA D	67	74	88	76	97	100
3	20EEE04	JEYAPRATHA R	80	81	74	87	94	100
4	20EEE05	LANISHA VIRGIN A	86	81	76	98	94	100
5	20EEE06	MICHAEL SAGAYA SEBATINY J	76	90	85	76	94	100
6	20EEE07	NITHYA SHRI M	73	86	83	81	91	90
7	20EEE08	PADMASHREE K	84	92	74	90	91	95
8	20EEE09	PRIYA DHARSHINI S	86	80	75	92	91	100
9	20EEE10	RAJESWARI P	86	93	72	95	94	100
10	20EEE11	SATHIYA PRIYA S	74	81	79	68	85	100
11	20EEE12	SHANMATHI T G	82	91	86	98	94	100
12	20EEE13	SHANMUGAPRIYA S	88	94	75	88	82	100
13	20EEE14	SHARMINI SAKTHI C M	72	94	89	89	94	100
14	20EEE15	SOFI D	79	92	77	93	88	100
15	20EEE16	SOFIA S	89	92	73	81	94	100
16	20EEE17	SUREKA HARINI K	64	91	73	85	85	90
17	20EEE18	SWETHA K	90	92	91	98	91	100
18	20EEE19	SWETHA.K	89	91	96	85	94	100
19	20EEE20	ADEEB RAAFEH S	41	67	63	75	65	75
20	20EEE21	ARAVIND D S	64	82	76	78	82	80
21	20EEE22	ARAVIND S	66	81	87	85	94	85
22	20EEE23	ARSATH J	87	69	87	90	94	95
23	20EEE24	BALAJI KANNA M	90	91	85	93	88	90
24	20EEE25	LGURUDEV	74	81	52	60	71	85
25	20EEE26	GOWSHICK J	71	68	57	59	71	75
26	20EEE27	HAREE SHANGAR M	78	93	71	87	94	80
27	20EEE28	KARPAGA VINAYAGAM M S	88	93	85	82	94	95
28	20EEE29	KARTHICK MURUGAN K	88	81	85	95	94	95
29	20EEE30	MANIKANDAN M	90	91	88	98	94	95
30	20EEE31	MATHANA GOPAL M	88	91	82	93	94	95
31	20EEE32	MUHAMMED DHANISH Z	66	51	59	73	56	85
32	20EEE33	NAGANATH P	87	74	72	98	94	100
33	20EEE34	NAVEEN V	85	86	68	89	94	100

34	20EEE35	PRASANNA VENKATESH S	80	62	84	88	79	100
35	20EEE36	RICKY C	90	62	81	81	88	100
36	20EEE37	SELVAMURUGAN M	78	78	74	73	94	90
37	20EEE38	SHANMUGA SUNDARAPANDI B	65	78	55	87	85	90
38	20EEE39	SHIVA SIDHARRTH.S	66	74	55	59	85	95
39	20EEE40	SHYAM SUNDAR C	63	78	82	68	88	95
40	20EEE41	SURYA NARAYANAN S	66	68	59	76	68	90
41	20EEE42	VASANTHA KUMAR K	70	64	76	78	94	95
42	20EEE43	VETHA SAMUVEL NISHANTH S	78	87	69	96	88	95
43	20EEE44	VIJAYARAM S S	87	90	75	93	88	100
44	20EEE45	VISHAL ADTHITHYA V	84	75	73	90	94	100
45	20EEE46	VISHWAKSENAN.N	87	56	74	69	94	95
46	20EEE47	VISWANATH A J	78	81	91	84	94	100
47	21LEE01	MATHESH	88	93	85	73	88	95
48	21LEE02	A SANJAY GANDH	79	71	57	78	91	85
49	21LEE03	S SHRETHARAN	82	93	85	96	94	100
50	21LEE04	SALAI GNANA BALAN K	86	73	55	68	94	85

Expected level of Competency	70	70	70	70	70	70
Expected level of Attainment	70	70	70	70	70	70

CO-Direct Assessment-Internal	CO1	CO2	CO3	CO4	CO5	CO6
No.of.students reached Competency	39	41	39	43	47	50
% of students reached Competency	78.00	82.00	78.00	86.00	94.00	100.00
	62.4	65.6	62.4	68.8	75.2	80

8/5/24
Course Incharge

8/5/24
Module 4/24

A. 188/05/04/24
HOD/EEE

Velammal College of Engineering & Technology, Madurai-9
Department of EEE

Course Outcome-Internal Assessment-Indirect Assessment
COURSE EXIT SURVEY

Name of the Instructor/Designation: Dr.S.Dhanalakshmi, Professor/EEE

Course Code/Title: EE8702 /Power System Operation and Control

BATCH: 2020-2024

Class: IV Year - 23-24 ODD

Semester: VII

S.No	ROLL NO	NAME OF THE STUDENT	CO1	CO2	CO3	CO4	CO5	CO6	Delivery Method	Evaluation Procedure
1	20EEE01	ANANTHA LAKSHMI K	4	4	3	3	3	3	4	4
2	20EEE03	INFENCIA D	4	3	3	4	4	4	4	4
3	20EEE04	JEYAPRATHA R	4	4	4	4	4	4	4	4
4	20EEE05	LANISHA VIRGIN A	4	4	4	4	4	3	4	4
5	20EEE06	MICHAEL SAGAYA SEBATINY J	3	4	3	4	3	4	4	3
6	20EEE07	NITHYA SHRI M	4	4	4	4	4	4	4	4
7	20EEE08	PADMASHREE K	4	4	4	3	3	4	4	4
8	20EEE09	PRIYA DHARSHINI S	4	3	4	4	3	3	3	4
9	20EEE10	RAJESWARI P	4	4	3	3	3	3	3	3
10	20EEE11	SATHIYA PRIYA S	4	4	4	4	4	4	4	4
11	20EEE12	SHANMATHI T G	4	3	3	3	4	4	4	4
12	20EEE13	SHANMUGAPRIYA S	4	3	4	4	4	3	4	4
13	20EEE14	SHARMINI SAKTHI C M	3	3	3	3	3	4	3	4
14	20EEE15	SOFI D	4	3	4	3	3	3	3	4
15	20EEE16	SOFIA S	4	3	3	4	3	4	3	2
16	20EEE17	SUREKA HARINI K	4	3	4	3	3	3	4	4
17	20EEE18	SWETHA K	4	4	3	3	4	3	4	3
18	20EEE19	SWETHA.K	4	4	4	4	4	4	4	4
19	20EEE20	ADEEB RAAFEH S	4	4	4	3	3	3	4	4
20	20EEE21	ARAVIND D S	4	3	4	3	4	3	4	3
21	20EEE22	ARAVIND S	4	3	4	3	3	3	3	4
22	20EEE23	ARSATH J	3	2	4	3	3	4	4	3
23	20EEE24	BALAJI KANNA M	4	3	4	3	4	4	4	4
24	20EEE25	IGURUDEV	3	3	4	3	4	4	4	3
25	20EEE26	GOWSHICK J	4	3	4	4	3	4	3	4

26	20EEE27	HAREE SHANGAR M	4	4	4	4	3	4	3	3
27	20EEE28	KARPAGA VINAYAGAM M S	4	3	3	3	3	4	4	3
28	20EEE29	KARTHICK MURUGAN K	4	3	4	3	4	4	3	4
29	20EEE30	MANIKANDAN M	4	3	3	4	3	4	3	3
30	20EEE31	MATHANA GOPAL M	4	4	4	4	3	4	3	3
31	20EEE32	MUHAMMED DHANISH Z	4	4	3	3	4	4	4	4
32	20EEE33	NAGANATH P	4	4	2	4	4	3	3	4
33	20EEE34	NAVEEN V	4	4	3	4	4	3	4	3
34	20EEE35	PRASANNA VENKATESH S	4	4	3	2	4	3	3	4
35	20EEE36	RICKY C	4	4	3	3	4	3	3	3
36	20EEE37	SELVAMURUGAN M	4	3	3	3	4	3	3	3
37	20EEE38	SHANMUGA SUNDARAPANDI B	4	4	4	4	4	3	4	4
38	20EEE39	SHIVA SIDHARRTH S	4	4	3	3	4	4	3	3
39	20EEE40	SHYAM SUNDAR C	4	4	3	3	4	4	4	4
40	20EEE41	SURYA NARAYANAN S	4	3	4	4	4	3	4	4
41	20EEE42	VASANTHA KUMAR K	4	3	3	3	4	4	3	4
42	20EEE43	VETHA SAMUVEL NISHANTH S	4	4	4	3	4	3	3	3
43	20EEE44	VIJAYARAM S S	4	4	3	4	4	4	3	2
44	20EEE45	VISHAL ADTHITHYA V	4	3	4	3	4	3	2	4
45	20EEE46	VISHWAKSENAN.N	4	4	3	3	4	3	4	3
46	20EEE47	VISWANATH A J	4	4	4	4	4	4	4	4
47	21LEE01	MATHESH	4	4	4	3	3	3	4	4
48	21LEE02	A SANJAY GANDH	4	3	4	3	4	3	4	3
49	21LEE03	S SHRETHARAN	4	3	3	3	3	4	3	4
50	21LEE04	SALAI GNANA BALAN K	4	3	4	3	3	3	3	3

No of students - Score (48	47	47	47	48	48	47	46
CO-Indirect Assessment	96.00	94.00	94.00	94.00	96.00	96.00	94.00	92.00
	19.2	18.8	18.8	18.8	19.2	19.2	18.8	18.4

80
15/4/24
Course Incharge

80
15/4/24
Module Coordinator

A. S. S. 05/04/24
HOD/EE

Velammal College of Engineering & Technology, Madurai-9
Department of EEE
Course Outcome-External Assessment

Name of the Instructor/Designation: Dr.S.Dhanalakshmi ,Professor/EEE
Course Code/Title: EE8702 /Power System Operation and Control
BATCH: 2020-2024

Year IV
Semester: VII
50
35

Class Strength
70% of Class strength

S.NO	ROLL NO	NAME OF THE STUDENT	University Mark	
			CO1-CO5	
1	20EEE01	ANANTHA LAKSHMI K	A+	90
2	20EEE03	INFENCIA D	B+	70
3	20EEE04	JEYAPRATHA.R	A	80
4	20EEE05	LANISHA VIRGIN A	A+	90
5	20EEE06	MICHAEL SAGAYA SEBATINY J	B	60
6	20EEE07	NITHYA SHRI M	B	60
7	20EEE08	PADMASHREE K	B	60
8	20EEE09	PRIYA DHARSHINI S	B	60
9	20EEE10	RAJESWARI P	B+	70
10	20EEE11	SATHIYA PRIYA S	B	60
11	20EEE12	SHANMATHI T G	A	80
12	20EEE13	SHANMUGAPRIYA S	A	80
13	20EEE14	SHARMINI SAKTHI C M	B	60
14	20EEE15	SOFI D	B+	70
15	20EEE16	SOFIA S	A+	90
16	20EEE17	SUREKA HARINI K	B	60
17	20EEE18	SWETHA K	A+	90
18	20EEE19	SWETHA.K	A	80
19	20EEE20	ADEEB RAAFEH S	B	60
20	20EEE21	ARAVIND D S	B	60
21	20EEE22	ARAVIND S	B	60
22	20EEE23	ARSATH J	B+	70
23	20EEE24	BALAJI KANNA M	B+	70
24	20EEE25	LGURUDEV	B	60
25	20EEE26	GOWSHICK J	U	0
26	20EEE27	HAREE SHANGAR M	B+	70
27	20EEE28	KARPAGA VINAYAGAM M S	A	80
28	20EEE29	KARTHICK MURUGAN K	A+	90
29	20EEE30	MANIKANDAN M	B+	70
30	20EEE31	MATHANA GOPAL M	B+	70

31	20EEE32	MUHAMMED DHANISH Z	B	60
32	20EEE33	NAGANATH P	B	60
33	20EEE34	NAVEEN V	B	60
34	20EEE35	PRASANNA VENKATESH S	B	60
35	20EEE36	RICKY C	B+	70
36	20EEE37	SELVAMURUGAN M	B+	70
37	20EEE38	SHANMUGA SUNDARAPANDI B	A	90
38	20EEE39	SHIVA SIDHARRTH.S	B	60
39	20EEE40	SHYAM SUNDAR C	B	60
40	20EEE41	SURYA NARAYANAN S	B	60
41	20EEE42	VASANTHA KUMAR K	B	60
42	20EEE43	VETHA SAMUVEL NISHANTH S	B	60
43	20EEE44	VIJAYARAM S S	B	60
44	20EEE45	VISHAL ADTHITHYA V	B	60
45	20EEE46	VISHWAKSENAN.N	B	60
46	20EEE47	VISWANATH A J	B	60
47	21LEE01	MATHESH	B	60
48	21LEE02	A SANJAY GANDH	B	60
49	21LEE03	S SHRETHARAN	B	60
50	21LEE04	SALAI GNANA BALAN K	U	0

CO-External Assessment	
Expected level of Competency	70
Expected level of Attainment	70
No.of.students reached Competency	21
% of students reached Competency	42.00

16.8

80
5/4/24
Course Incharge

80
5/4/24
Module Coordinator

A. 198 05/04/24
HOD, LEE

VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY, MADURAI - 625 009
 DEPARTMENT OF **ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**
 CO-PO, CO-PSO Attainment

Course Code/Title: 21CN102/Problem Solving and python programming Laboratory
 Course Component: Lab Course
 BATCH: 2023-2027

Degree Year/Sem: B.Tech-AI&DS/II
 Name of the Course Incharge: Dr.M.Raghini, AP- AI&DS

Course Outcomes	CO1	CO2	CO3	CO4	CO5
CO-Direct Assessment- Internal (50%)	46.25	45.00	42.50	48.75	45.00
CO-Indirect Assessment- Internal(10%)	10.00	10.00	10.00	10.00	10.00
CO-External Assessment(40%)	38.03	38.03	38.03	38.03	38.03
Total- Internal(50%)+External (40%)+Course exit survey(10%)	94.28	93.03	90.53	96.78	93.03
Attainment Level	3	3	3	3	3

Attainment Level	Target Achieved
3	80
2	70
1	60
Others	0

Outcomes	Bloom's Level	CO-PO, CO-PSO with curriculum enrichment activities										CO-PSO			
		1	2	3	4	5	6	7	8	9	10	11	12	1	2
CO1	K1	1		1	1	1								1	1
CO2	S2	2													
CO3	S1	1		1	1	1				1		1		1	1
CO4	S1	1		1	1	1				1		1		1	1
CO5	K1	1		1	1	1				2		1		1	1
Overall CO Contribution		3		1	1	1				1		1		1	1

Outcomes	Bloom's Level	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
		K3	K4	K5	K5	K6	K5	K2	K3	K3	K2	K3	K2	K5	K3
CO1	S4	3	2	3	3	3	0	0	0	0	0	3	3	3	3
CO2	K4	2	1.5	0	0	3	0	0	0	0	0	3	3	3	0
CO3	K2	3	3	3	3	3	0	0	0	3	0	3	3	3	3
CO4	K2	3	3	3	3	3	0	0	0	6	0	3	3	3	3
CO5	K4	3	3	3	3	3	0	0	0	6	6	3	3	3	3
Total		14.00	11.50	12.00	12.00	15.00	0.00	0.00	0.00	15.00	6.00	15.00	15.00	15.00	12.00
Attainment Level		3	3	3	3	3	0.00	0.00	0.00	3	2	3	3	3	3

[Signature]
 Course Incharge
 (Dr.M.Raghini, AP- AI&DS)

[Signature]
 Dr.S.Sasikala

VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY, MADURAI - 625 009
DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
CO-PO, CO-PSO Attainment

Course Code/Title: 21CS101/ Problem Solving and Python Programming
Course Component: Professional Core
Batch: 2023-2027

Degree/Year/Sem: B.Tech-AI&DS / 1 / 1
Name of the Course Incharge: (Dr.S.Sasikala)

		CO-PO with course enrichment activities												CO-PSO	
Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Bloom's Level		K3	K4	K5	K5	K6	K3	K2	K3	K3	K2	K3	K2	K5	K3
CO1	K3	2	2	1	2	1	0	0	2	3	3	2	0	1	1
CO2	K3	2	2	1	2	1	0	0	2	3	3	2	0	1	1
CO3	K3	2	2	1	2	1	0	0	2	3	3	2	1	1	1
CO4	K3	2	2	1	3	1	0	0	2	3	3	2	1	1	1
CO5	K3	2	2	1	3	1	0	0	2	3	3	2	1	1	1
Course Contribution		2	2	1	2	1	0	0	2	3	3	2	1	1	1

		CO-PO attainment												CO-PSO	
Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Bloom's Level		K3	K4	K5	K5	K6	K3	K2	K3	K3	K2	K3	K2	K5	K3
CO1	K2	3.00	3.00	3.00	3.00	3.00	0.00	0.00	3.00	3.00	3.00	3.00	0.00	3.00	3.00
CO2	K3	3.00	3.00	3.00	3.00	3.00	0.00	0.00	3.00	3.00	3.00	3.00	0.00	3.00	3.00
CO3	K3	3.00	3.00	3.00	3.00	3.00	0.00	0.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
CO4	K2	3.00	3.00	3.00	3.00	3.00	0.00	0.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
CO5	K2	3.00	3.00	3.00	3.00	3.00	0.00	0.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Total		15.00	15.00	15.00	15.00	15.00	0.00	0.00	15.00	15.00	15.00	15.00	6.00	15.00	15.00
Attainment Level		3	3	3	3	3			3	3	3	3	3	3	3

(Signature)
Course Incharge
(Dr.S.Sasikala)

(Signature)
Module Coordinator
(Dr.S.Sasikala)

(Signature)
HOD/AI&DS
(Dr.S.Sasikala)

2023-24/01

VJTI
 VJTI
 DEPARTMENT OF PLUMBING TECHNOLOGY
 1170, CO-550, ANANDRAO

Water Works: Water Treatment and Distribution
 BATCH: 2023-24

Report Period: 1st SEM - 1st SEM
 Name of the Course Teacher: Dr. S. Manojkumar
 YEAR: 2023-24

Sl. No.	Particulars	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
1	CP Model Assessment (Internal 20%)	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
2	CP Model Assessment (External 10%)	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
3	CP Internal Assessment (20%)	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
4	Total (Internal/External 20%)	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
5	Minimum Level	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Sl. No.	Particulars	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
1	CP Model Assessment (Internal 20%)	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
2	CP Model Assessment (External 10%)	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
3	CP Internal Assessment (20%)	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
4	Total (Internal/External 20%)	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
5	Minimum Level	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Sl. No.	Particulars	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
1	CP Model Assessment (Internal 20%)	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
2	CP Model Assessment (External 10%)	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
3	CP Internal Assessment (20%)	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
4	Total (Internal/External 20%)	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
5	Minimum Level	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

SP 5/1/24

SP 5/1/24

A: 88/05/10/24

Velammal College of Engineering and Technology, Madurai-9

Department of Electrical and Electronics Engineering

Sem : VII

EE8702 / Power System Operation and Control

Class: IV Year (23-24 ODD)

Internal Assessment

S.NO	ROLL NO	NAME	CO 1			CO 2			CO 3			CO 4			CO 5			CO 6		
			CY(80)	Ass(20)	TOTAL(100)	CY(80)	Ass(20)	TOTAL(100)	CY(80)	Ass(20)	TOTAL(100)	CY(80)	Seminar(20)	TOTAL(100)	CY(80)	TOTAL(100)	Seminar(20)	TOTAL(100)		
1	20EEE01	ANANTHA LAKSHMI K	70	20	90	68	18	86	62	20	82	75	20	95	78	97	20	100		
2	20EEE03	INFENCIA D	47	20	67	55	19	74	68	20	88	56	20	76	78	97	20	100		
3	20EEE04	JEYAPRATHA R	60	20	80	62	19	81	54	20	74	67	20	87	75	94	20	100		
4	20EEE05	LANISHA VIRGIN A	66	20	86	62	19	81	56	20	76	78	20	98	75	94	20	100		
5	20EEE06	MICHAEL SAGAYA SEBATINY J	56	20	76	74	16	90	65	20	85	56	20	76	75	94	20	100		
6	20EEE07	NITHYA SHRI M	58	11	73	68	18	86	63	20	83	61	20	81	73	91	18	90		
7	20EEE08	PADMASHREE K	64	20	84	74	18	92	54	20	74	70	20	90	73	91	19	95		
8	20EEE09	PRIYA DHARSHINI S	66	20	86	62	18	80	56	19	75	73	19	92	73	91	20	100		
9	20EEE10	RAJESWARI P	66	20	86	74	19	93	52	20	72	75	20	95	75	94	20	100		
10	20EEE11	SATHYA PRIYA S	54	20	74	62	19	81	59	20	79	48	20	68	68	85	20	100		
11	20EEE12	SHANMATHI T G	62	20	82	74	17	91	66	20	86	78	20	98	75	94	20	100		
12	20EEE13	SHANMUGAPRIYA S	68	20	88	74	20	94	55	20	75	68	20	88	66	82	20	100		
13	20EEE14	SHARMINI SAKTHI C M	52	20	72	74	20	94	69	20	89	69	20	89	75	94	20	100		
14	20EEE15	SOFI D	59	20	79	74	18	92	57	20	77	73	20	93	71	88	20	100		
15	20EEE16	SOFIA S	70	19	89	74	18	92	53	20	73	61	20	81	75	94	20	100		
16	20EEE17	SUREKA HARINI K	44	20	64	74	17	91	53	20	73	65	20	85	68	85	18	90		
17	20EEE18	SWETHA K	70	20	90	74	18	92	71	20	91	78	20	98	73	91	20	100		
18	20EEE19	SWETHA K	69	20	89	74	17	91	76	20	96	65	20	85	75	94	20	100		
19	20EEE20	ADEEB RAAFEH S	21	20	41	49	18	67	43	20	63	55	20	75	52	65	15	75		
20	20EEE21	ARAVIND D S	44	20	64	62	20	82	56	20	76	59	19	78	66	82	16	80		
21	20EEE22	ARAVIND S	46	20	66	62	19	81	67	20	87	65	20	85	75	94	17	85		
22	20EEE23	ARSATH J	67	20	87	49	20	69	67	20	87	70	20	90	75	94	19	95		
23	20EEE24	BALAJI KANNA M	70	20	90	74	17	91	65	20	85	73	20	93	71	88	18	90		
24	20EEE25	I GURUDEV	54	20	74	62	19	81	52	20	72	40	20	60	56	71	17	85		
25	20EEE26	GOWSHICK J	51	20	71	49	19	68	37	20	57	39	20	59	56	71	15	75		
26	20EEE27	HARJE SHANGAR M	58	20	78	74	19	93	51	20	71	67	20	87	75	94	16	80		

SNO	ROLL NO	NAME	CO 1			CO 2			CO 3			CO 4			CO 5		CO 6	
			CY(80)	Ass(20)	TOTAL(100)	CY(80)	Ass(20)	TOTAL(100)	CY(80)	Ass(20)	TOTAL(100)	CY(80)	Seminar(20)	TOTAL(100)	CY(80)	TOTAL(100)	Seminar(20)	TOTAL(100)
27	20EE28	KARPAGA VINAYAGAM M S	68	20	88	74	19	93	65	20	85	62	20	82	75	94	19	95
28	20EE29	KARTHICK MURUGAN K	68	20	88	62	19	81	65	20	85	75	20	95	75	94	19	95
29	20EE30	MANIKANDAN M	70	20	90	74	17	91	68	20	88	78	20	98	75	94	19	95
30	20EE31	MATHANA GOPAL M	68	20	88	74	17	91	65	19	82	73	20	93	75	94	19	95
31	20EE32	MUHAMMED DHANISH Z	50	16	66	37	14	51	41	18	59	53	20	73	45	56	17	85
32	20EE33	NAGANATH P	73	14	87	74	0	74	72	0	72	79	19	98	75	94	20	100
33	20EE34	NAVEEN V	65	20	85	68	18	86	48	20	68	69	20	89	75	94	20	100
34	20EE35	PRASANNA VENKATESH S	61	19	80	62	0	62	67	17	84	68	20	88	64	79	20	100
35	20EE36	RICKY C	70	20	90	62	0	62	61	20	81	61	20	81	71	88	20	100
36	20EE37	SELVAMURUGAN M	58	20	78	62	16	78	54	20	74	53	20	73	75	94	18	90
37	20EE38	SHANMUGA SUNDARAPANDI B	47	18	65	62	16	78	35	20	55	68	19	87	68	85	18	90
38	20EE39	SHIVA SIDHARTH S	46	20	66	55	19	74	35	20	55	39	20	59	68	85	19	95
39	20EE40	SHYAM SUNDAR C	43	20	63	62	16	78	62	20	82	48	20	68	71	88	19	95
40	20EE41	SURYA NARAYANAN S	48	18	66	49	19	68	39	20	59	56	20	76	54	68	18	90
41	20EE42	VASANTHA KUMAR K	53	17	70	49	13	64	56	20	76	58	20	78	75	94	19	95
42	20EE43	VETHA SAMUVEL NISHANTH S	58	20	78	68	19	87	49	20	69	76	20	96	71	88	19	95
43	20EE44	VIJAYARAM S S	69	18	87	74	16	90	55	20	75	73	20	93	71	88	20	100
44	20EE45	VISHAL ADTHITHYA V	64	20	84	55	20	75	53	20	73	70	20	90	75	94	20	100
45	20EE46	VISHWAKSEANAN N	68	19	87	37	19	56	57	17	74	50	19	69	75	94	19	95
46	20EE47	VISWANATH A J	58	20	78	62	19	81	71	20	91	64	20	84	75	94	20	100
47	21LEE01	MATHESH	68	20	88	74	19	93	65	20	85	53	20	73	71	88	19	95
48	21LEE02	A SANJAY GANDH	59	20	79	55	16	71	37	20	57	58	20	78	73	91	17	85
49	21LEE03	S SHRETHARAN	62.4	20	82	74	19	93	65.95	19	85	76	20	96	75	94	20	100
50	21LEE04	SALAI GNANA BALAN K	66	20	86	55	18	73	35	20	55	48	20	68	75	94	17	85

By 24
Course in charge

By 24
Module Coordinator

By 24
A. C. S. / 05/04/20
HOD / EEE

Velammal College of Engineering & Technology, Madurai-9

Department of EEE

Course Outcome-Internal Assessment-Direct Assessment

Name of the Instructor/Designation: Mrs.R.Saranya,AP-III/EEE

Course Code/Title:EE8703 /Renewable Energy Systems

BATCH: 2020-2024

Year IV

Semester: VII

S.NO	ROLL NO	NAME OF THE STUDENT	INTERNAL ASSESSMENT					
			CO1 %	CO2 %	CO3 %	CO4 %	CO5 %	CO6 %
1	20EEE01	ANANTHA LAKSHMI K	90	86	82	95	97	100
2	20EEE03	INFENCIA D	67	74	88	76	97	100
3	20EEE04	JEYAPRATHA R	80	81	74	87	94	100
4	20EEE05	LANISHA VIRGIN A	86	81	76	98	94	100
5	20EEE06	MICHAEL SAGAYA SEBATINY J	76	90	85	76	94	100
6	20EEE07	NITHYA SHRI M	73	86	83	81	91	90
7	20EEE08	PADMASHREE K	84	92	74	90	91	95
8	20EEE09	PRIYA DHARSHINI S	86	80	75	92	91	100
9	20EEE10	RAJESWARI P	86	93	72	95	94	100
10	20EEE11	SATHIYA PRIYA S	74	81	79	68	85	100
11	20EEE12	SHANMATHI T G	82	91	86	98	94	100
12	20EEE13	SHANMUGAPRIYA S	88	94	75	88	82	100
13	20EEE14	SHARMINI SAKTHI C M	72	94	89	89	94	100
14	20EEE15	SOFI D	79	92	77	93	88	100
15	20EEE16	SOFIA S	89	92	73	81	94	100
16	20EEE17	SUREKA HARINI K	64	91	73	85	85	90
17	20EEE18	SWETHA K	90	92	91	98	91	100
18	20EEE19	SWETHA K	89	91	96	85	94	100
19	20EEE20	ADEEB RAAFEH S	41	67	63	75	65	75
20	20EEE21	ARAVIND D S	64	82	76	78	82	80
21	20EEE22	ARAVIND S	66	81	87	85	94	85
22	20EEE23	ARSATH J	87	69	87	90	94	95
23	20EEE24	BALAJI KANNA M	90	91	85	93	88	90
24	20EEE25	LGURUDEV	74	81	52	60	71	85
25	20EEE26	GOWSHICK J	71	68	57	59	71	75
26	20EEE27	HAREE SHANGAR M	78	93	71	87	94	80
27	20EEE28	KARPAGA VINAYAGAM M S	88	93	85	82	94	95
28	20EEE29	KARTHICK MURUGAN K	88	81	85	95	94	95
29	20EEE30	MANIKANDAN M	90	91	88	98	94	95
30	20EEE31	MATHANA GOPAL M	88	91	82	93	94	95
31	20EEE32	MUHAMMED DHANISH Z	66	51	59	73	56	85
32	20EEE33	NAGANATH P	87	74	72	98	94	100
33	20EEE34	NAVEEN V	85	86	68	89	94	100

34	20EEE35	PRASANNA VENKATESH S	80	62	84	88	79	100
35	20EEE36	RICKY C	90	62	81	81	88	100
36	20EEE37	SELVAMURUGAN M	78	78	74	73	94	90
37	20EEE38	SHANMUGA SUNDARAPANDI B	65	78	55	87	85	90
38	20EEE39	SHIVA SIDHARRTH.S	66	74	55	59	85	95
39	20EEE40	SHYAM SUNDAR C	63	78	82	68	88	95
40	20EEE41	SURYA NARAYANAN S	66	68	59	76	68	90
41	20EEE42	VASANTHA KUMAR K	70	64	76	78	94	95
42	20EEE43	VETHA SAMUVEL NISHANTH S	78	87	69	96	88	95
43	20EEE44	VIJAYARAM S S	87	90	75	93	88	100
44	20EEE45	VISHAL ADTHITHYA V	84	75	73	90	94	100
45	20EEE46	VISHWAKSENAN.N	87	56	74	69	94	95
46	20EEE47	VISWANATH A J	78	81	91	84	94	100
47	21LEE01	MATHESH	88	93	85	73	88	95
48	21LEE02	A SANJAY GANDH	79	71	57	78	91	85
49	21LEE03	S SHRETHARAN	82	93	85	96	94	100
50	21LEE04	SALAI GNANA BALAN K	86	73	55	68	94	85

Expected level of Competency	70	70	70	70	70	70
Expected level of Attainment	70	70	70	70	70	70

CO-Direct Assessment-Internal	CO1	CO2	CO3	CO4	CO5	CO6
No.of.students reached Competency	39	41	39	43	47	50
% of students reached Competency	78.00	82.00	78.00	86.00	94.00	100.00
	62.4	65.6	62.4	68.8	75.2	80

8/5/24
Course Incharge

8/5/24
Module 4/24

A. 188/05/04/24
HOD/EEE

Velammal College of Engineering & Technology, Madurai-9
Department of EEE

Course Outcome-Internal Assessment-Indirect Assessment
COURSE EXIT SURVEY

Name of the Instructor/Designation: Dr.S.Dhanalakshmi, Professor/EEE

Course Code/Title: EE8702 /Power System Operation and Control

BATCH: 2020-2024

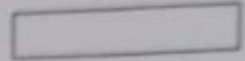
Class: IV Year - 23-24 ODD

Semester: VII

S.No	ROLL NO	NAME OF THE STUDENT	CO1	CO2	CO3	CO4	CO5	CO6	Delivery Method	Evaluation Procedure
1	20EEE01	ANANTHA LAKSHMI K	4	4	3	3	3	3	4	4
2	20EEE03	INFENCIA D	4	3	3	4	4	4	4	4
3	20EEE04	JEYAPRATHA R	4	4	4	4	4	4	4	4
4	20EEE05	LANISHA VIRGIN A	4	4	4	4	4	3	4	4
5	20EEE06	MICHAEL SAGAYA SEBATINY J	3	4	3	4	3	4	4	3
6	20EEE07	NITHYA SHRI M	4	4	4	4	4	4	4	4
7	20EEE08	PADMASHREE K	4	4	4	3	3	4	4	4
8	20EEE09	PRIYA DHARSHINI S	4	3	4	4	3	3	3	4
9	20EEE10	RAJESWARI P	4	4	3	3	3	3	3	3
10	20EEE11	SATHIYA PRIYA S	4	4	4	4	4	4	4	4
11	20EEE12	SHANMATHI T G	4	3	3	3	4	4	4	4
12	20EEE13	SHANMUGAPRIYA S	4	3	4	4	4	3	4	4
13	20EEE14	SHARMINI SAKTHI C M	3	3	3	3	3	4	3	4
14	20EEE15	SOFI D	4	3	4	3	3	3	3	4
15	20EEE16	SOFIA S	4	3	3	4	3	4	3	2
16	20EEE17	SUREKA HARINI K	4	3	4	3	3	3	4	4
17	20EEE18	SWETHA K	4	4	3	3	4	3	4	3
18	20EEE19	SWETHA.K	4	4	4	4	4	4	4	4
19	20EEE20	ADEEB RAAFEH S	4	4	4	3	3	3	4	4
20	20EEE21	ARAVIND D S	4	3	4	3	4	3	4	3
21	20EEE22	ARAVIND S	4	3	4	3	3	3	3	4
22	20EEE23	ARSATH J	3	2	4	3	3	4	4	3
23	20EEE24	BALAJI KANNA M	4	3	4	3	4	4	4	4
24	20EEE25	IGURUDEV	3	3	4	3	4	4	4	3
25	20EEE26	GOWSHICK J	4	3	4	4	3	4	3	4

26	20EEE27	HAREE SHANGAR M	4	4	4	4	3	4	3	3
27	20EEE28	KARPAGA VINAYAGAM M S	4	3	3	3	3	4	4	3
28	20EEE29	KARTHICK MURUGAN K	4	3	4	3	4	4	3	4
29	20EEE30	MANIKANDAN M	4	3	3	4	3	4	3	3
30	20EEE31	MATHANA GOPAL M	4	4	4	4	3	4	3	3
31	20EEE32	MUHAMMED DHANISH Z	4	4	3	3	4	4	4	4
32	20EEE33	NAGANATH P	4	4	2	4	4	3	3	4
33	20EEE34	NAVEEN V	4	4	3	4	4	3	4	3
34	20EEE35	PRASANNA VENKATESH S	4	4	3	2	4	3	3	4
35	20EEE36	RICKY C	4	4	3	3	4	3	3	3
36	20EEE37	SELVAMURUGAN M	4	3	3	3	4	3	3	3
37	20EEE38	SHANMUGA SUNDARAPANDI B	4	4	4	4	4	3	4	4
38	20EEE39	SHIVA SIDHARRTH S	4	4	3	3	4	4	3	3
39	20EEE40	SHYAM SUNDAR C	4	4	3	3	4	4	4	4
40	20EEE41	SURYA NARAYANAN S	4	3	4	4	4	3	4	4
41	20EEE42	VASANTHA KUMAR K	4	3	3	3	4	4	3	4
42	20EEE43	VETHA SAMUVEL NISHANTH S	4	4	4	3	4	3	3	3
43	20EEE44	VIJAYARAM S S	4	4	3	4	4	4	3	2
44	20EEE45	VISHAL ADTHITHYA V	4	3	4	3	4	3	2	4
45	20EEE46	VISHWAKSENAN.N	4	4	3	3	4	3	4	3
46	20EEE47	VISWANATH A J	4	4	4	4	4	4	4	4
47	21LEE01	MATHESH	4	4	4	3	3	3	4	4
48	21LEE02	A SANJAY GANDH	4	3	4	3	4	3	4	3
49	21LEE03	S SHRETHARAN	4	3	3	3	3	4	3	4
50	21LEE04	SALAI GNANA BALAN K	4	3	4	3	3	3	3	3

No of students - Score (48	47	47	47	48	48	47	46
CO-Indirect Assessment	96.00	94.00	94.00	94.00	96.00	96.00	94.00	92.00
	19.2	18.8	18.8	18.8	19.2	19.2	18.8	18.4



80
15/4/24
Course Incharge

80
15/4/24
Module Coordinator

A. S. S. 05/04/24
HOD/EEE

Velammal College of Engineering & Technology, Madurai-9
Department of EEE
Course Outcome-External Assessment

Name of the Instructor/Designation: Dr.S.Dhanalakshmi ,Professor/EEE
Course Code/Title: EE8702 /Power System Operation and Control
BATCH: 2020-2024

Year IV
Semester: VII
50
35

Class Strength
70% of Class strength

S.NO	ROLL NO	NAME OF THE STUDENT	University Mark	
			CO1-CO5	
1	20EEE01	ANANTHA LAKSHMI K	A+	90
2	20EEE03	INFENCIA D	B+	70
3	20EEE04	JEYAPRATHA R	A	80
4	20EEE05	LANISHA VIRGIN A	A+	90
5	20EEE06	MICHAEL SAGAYA SEBATINY J	B	60
6	20EEE07	NITHYA SHRI M	B	60
7	20EEE08	PADMASHREE K	B	60
8	20EEE09	PRIYA DHARSHINI S	B	60
9	20EEE10	RAJESWARI P	B+	70
10	20EEE11	SATHIYA PRIYA S	B	60
11	20EEE12	SHANMATHI T G	A	80
12	20EEE13	SHANMUGAPRIYA S	A	80
13	20EEE14	SHARMINI SAKTHI C M	B	60
14	20EEE15	SOFI D	B+	70
15	20EEE16	SOFIA S	A+	90
16	20EEE17	SUREKA HARINI K	B	60
17	20EEE18	SWETHA K	A+	90
18	20EEE19	SWETHA K	A	80
19	20EEE20	ADEEB RAAFEH S	B	60
20	20EEE21	ARAVIND D S	B	60
21	20EEE22	ARAVIND S	B	60
22	20EEE23	ARSATH J	B+	70
23	20EEE24	BALAJI KANNA M	B+	70
24	20EEE25	LGURUDEV	B	60
25	20EEE26	GOWSHICK J	U	0
26	20EEE27	HAREE SHANGAR M	B+	70
27	20EEE28	KARPAGA VINAYAGAM M S	A	80
28	20EEE29	KARTHICK MURUGAN K	A+	90
29	20EEE30	MANIKANDAN M	B+	70
30	20EEE31	MATHANA GOPAL M	B+	70

31	20EEE32	MUHAMMED DHANISH Z	B	60
32	20EEE33	NAGANATH P	B	60
33	20EEE34	NAVEEN V	B	60
34	20EEE35	PRASANNA VENKATESH S	B	60
35	20EEE36	RICKY C	B+	70
36	20EEE37	SELVAMURUGAN M	B+	70
37	20EEE38	SHANMUGA SUNDARAPANDI B	A	90
38	20EEE39	SHIVA SIDHARRTH.S	B	60
39	20EEE40	SHYAM SUNDAR C	B	60
40	20EEE41	SURYA NARAYANAN S	B	60
41	20EEE42	VASANTHA KUMAR K	B	60
42	20EEE43	VETHA SAMUVEL NISHANTH S	B	60
43	20EEE44	VIJAYARAM S S	B	60
44	20EEE45	VISHAL ADTHITHYA V	B	60
45	20EEE46	VISHWAKSENAN.N	B	60
46	20EEE47	VISWANATH A J	B	60
47	21LEE01	MATHESH	B	60
48	21LEE02	A SANJAY GANDH	B	60
49	21LEE03	S SHRETHARAN	B	60
50	21LEE04	SALAI GNANA BALAN K	U	0

CO-External Assessment	
Expected level of Competency	70
Expected level of Attainment	70
No.of.students reached Competency	21
% of students reached Competency	42.00

16.8

80
5/4/24
Course Incharge

80
5/4/24
Module Coordinator

A. 198 05/04/24
HOD, EEE

