2020-21

ODD SEM

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	PROF. SHANMUKASWAMY C V				
BRANCH	CS	ACADEMIC YEAR		2020-21	
COURSE	B.E	SEMESTER	III	SECTION	A [CSE]
COURSE	DATA STRUCUTRES AND APPLICATIONS		COURSE CODE	18CS32	

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3	3									1	2		
CO2	3	3	3	3								2	2		
CO3	3	3	3	3	3						2	2	2		
CO4	3	3	3	3	2								2		
AVERAGE	**3.0**	**3.0**	**3.0**	**3.0**	**2.5**						**2.0**	**1.67**	**2.0**		
OVERALL MAPPING OF COURSE															**2.52**

CO AND PO ATTAINMENT

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	75	2	2	2									0.75	1		
CO2	64	2	2	2	2								1	1		
CO3	65	2	2	2	2							1	1	1		
CO4	57	2	2	2	1									1		
AVERAGE		2.0	2.0	2.0	1.67							1.0	0.91	1.0		
FINAL ATTAINMENT LEVEL																1.51

Prof Shanmukaswamy
STAFF INCHARGE

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SIET, TUMAKURU-06.

PRINCIPAL
SIET, TUMAKURU

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

COsPOs ATTAINMENT

ACADEMIC YEAR -2020-21[ODD SEM]

CLASS:3rd SEM CSE A **Course Name :Data Structures and Applications [18CS32]**

Roll No.	USN	Name	T1	T2		T3	ASSIGNMENT 10/4					SEE[60/4]				Final COs				Attainment [stud]
			CO1 30	CO2-15	CO3-15	CO4 30	CO1 2	CO2 2	CO3 3	CO4 2	SEE [60]	CO1 15	CO2 15	CO3 15	CO4 15	CO1 47	CO2 33	CO3 33	CO4 47	
1	1SV19CS001	AFREEN AFSHAN	29	14	13	17	2	3	3	2	24	6	6	6	6	37	23	22	25	67
2	1SV19CS003	AKASH KUMAR SINGH	26	12	12	22	2	3	3	2	27	7	7	7	6	35	22	22	30	68
3	1SV19CS004	AKHIL N	24	14	14	1	2	3	3	2	AB	AB	AB	AB	AB	0	0	0	0	0
4	1SV19CS005	AKSHATHA M	27	14	14	18	2	3	3	2	15	4	4	4	3	33	21	21	23	61
5	1SV19CS006	AMRIT GYAWALI	30	14	14	21	2	3	3	2	21	6	5	5	5	38	22	22	28	69
6	1SV19CS007	ANKITHA K	26	10	11	21	2	3	3	2	16	4	4	4	4	32	17	18	27	59
7	1SV19CS008	ANUSHA B	27	12	13	20	2	3	3	2	25	6	6	6	7	35	21	22	29	67
8	1SV19CS009	ARBIN TAJ	27	13	13	11	2	3	3	2	18	4	4	5	5	33	20	21	18	58
9	1SV19CS011	ASHRITH P	25	12	13	17	2	3	3	2	21	5	5	5	6	32	20	21	25	61
10	1SV19CS013	AYESHA SALEEM	28	14	13	21	2	3	3	2	36	9	9	9	9	39	26	25	32	76
11	1SV19CS014	BHAGYASHREE	26	14	14	13	2	3	3	2	23	6	6	6	5	34	23	23	20	63
12	1SV19CS015	BHAGYASHREE G	29	12	13	20	2	3	3	2	32	8	8	8	8	39	23	24	30	73
13	1SV19CS016	BHARATHI H	29	13	13	24	2	3	3	2	30	8	7	8	7	39	23	24	33	74
14	1SV19CS017	BHARGAV N	24	11	11	AB	2	3	3	2	8	2	2	2	2	28	16	16	4	40
15	1SV19CS018	BHAVANA C	29	12	13	19	2	3	3	2	21	6	5	5	5	37	20	21	26	65
16	1SV19CS019	BHOJANNA AJAY	25	11	11	6	2	3	3	2	14	4	4	3	3	31	18	17	11	48
17	1SV19CS020	BHOOMIKA J N	28	13	12	18	2	3	3	2	32	8	8	8	8	38	24	23	28	71
18	1SV19CS021	BHUVANESHWARI	20	14	14	24	2	3	3	2	31	7	8	8	8	29	25	25	34	71
19	1SV19CS022	BHUVANESHWARI A	29	12	13	15	2	3	3	2	17	4	4	4	5	35	19	20	22	60
20	1SV19CS023	CHETHAN V	23	13	12	23	2	3	3	2	13	3	3	3	4	28	19	18	29	59
21	1SV19CS024	DARSHAN K N	23	12	13	17	2	3	3	2	9	2	2	2	3	27	17	18	22	53
22	1SV19CS025	DEEKSHA K	29	14	13	24	2	3	3	2	26	6	6	7	7	37	23	23	33	73
23	1SV19CS026	DHANUSH K	21	5	5	7	2	3	3	2	AB	AB	AB	AB	AB	0	0	0	0	0
24	1SV19CS027	DISHAN M	29	14	14	21	2	3	3	2	22	5	5	6	6	36	22	23	29	69
25	1SV19CS028	DULARCHAND KALWAR	25	11	11	9	2	3	3	2	21	6	5	5	5	33	19	19	16	54
26	1SV19CS029	ESRA BANU	29	10	11	19	2	3	3	2	21	5	6	5	5	36	19	19	26	63
27	1SV19CS030	GAYITHRIDEVI K M	29	15	15	27	2	3	3	2	29	7	7	7	8	38	25	25	37	78
28	1SV19CS031	GOUDAR ROHIT RENU	29	12	13	19	2	3	3	2	8	2	2	2	2	33	17	18	23	57
29	1SV19CS032	H BARKATHULLA	24	12	13	13	2	3	3	2	22	5	5	6	6	31	20	22	21	59

Prof Thanuja Kiran CV

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30	1SV19CS033	HARISHA M R	29	10	10	6	2	3	3	2	21	6	5	5	5	37	18	18	13	54
31	1SV19CS034	HARSHITHA C	30	14	14	28	2	3	3	2	34	9	9	8	8	41	26	25	38	81
32	1SV19CS035	HEMANTH K R	26	13	12	22	2	3	3	2	21	6	5	5	5	34	21	20	29	65
33	1SV19CS036	J N SHREYAS	25	0	0	21	2	3	3	2	12	3	3	3	3	30	6	6	26	43
34	1SV19CS037	JYOTI MOHAN MADIWALAR	27	11	12	23	2	3	3	2	36	9	9	9	9	38	23	24	34	74
35	1SV19CS038	KALPANA M N	26	12	11	14	2	3	3	2	14	3	3	4	4	31	18	18	20	54
36	1SV19CS040	LAVANYA T S	29	13	13	24	2	3	3	2	36	9	9	9	9	40	25	25	35	78
37	1SV19CS041	MADHAVA REDDY M	26	13	12	10	2	3	3	2	21	5	6	5	5	33	22	20	17	58
38	1SV19CS042	MAHALAKSHMI H	30	11	12	17	2	3	3	2	29	7	7	7	8	39	21	22	27	68
39	1SV19CS043	MONIKA P	29	14	13	18	2	3	3	2	21	5	6	5	5	36	23	21	25	66
40	1SV19CS044	MONISHA P	29	14	14	20	2	3	3	2	34	9	8	9	8	40	25	26	30	76
41	1SV19CS045	NAGAKRUPA D R	29	14	14	21	2	3	3	2	27	7	7	7	6	38	24	24	29	72
42	1SV19CS046	NANDAN KUMAR M	22	10	9	12	2	3	3	2	27	7	6	7	7	31	19	19	21	56
43	1SV19CS047	NANDINI A	28	13	13	20	2	3	3	2	23	5	5	7	6	35	21	23	28	67
44	1SV19CS048	NAYANA H S	29	12	13	17	2	3	3	2	24	6	6	6	6	37	21	22	25	66
45	1SV19CS050	NIKKI KISHORE	30	15	14	26	2	3	3	2	24	6	6	6	6	38	24	23	34	74
46	1SV19CS051	NOOR JAHAN	27	13	13	24	2	3	3	2	14	4	4	3	3	33	20	19	29	63
47	1SV19CS052	PRAMOD R	26	12	11	17	2	3	3	2	21	5	5	5	6	33	20	19	25	61
48	1SV19CS053	PRIYA R ACHARYA	30	15	15	27	2	3	3	2	38	9	9	10	10	41	27	28	39	84
49	1SV19CS054	RAHUL S	24	13	12	11	2	3	3	2	21	5	6	5	5	31	22	20	18	57
50	1SV19CS056	RAKSHITH B R	23	12	13	26	2	3	3	2	21	5	6	5	5	30	21	21	33	66
51	1SV19CS057	RAVINDRA H V	30	14	14	28	2	3	3	2	25	6	6	7	6	38	23	24	36	76
52	1SV19CS058	S ANKITHA	29	13	13	20	2	3	3	2	39	10	10	10	9	41	26	26	31	78
53	1SV19CS059	SAHANA B R	29	11	12	14	2	3	3	2	26	7	7	6	6	38	21	21	22	64
54	1SV19CS060	SAHANA SHARANAPPA GULARADDI	26	12	13	22	2	3	3	2	15	3	4	4	4	31	19	20	28	61
55	1SV19CS061	SAI KISHAN M R	29	12	12	24	2	3	3	2	26	6	6	6	8	37	21	21	34	71
56	1SV19CS062	SANIHA C	27	12	13	13	2	3	3	2	9	2	2	3	2	31	17	19	17	53
57	1SV19CS063	SANTHOSH C	30	13	12	23	2	3	3	2	24	6	6	6	6	38	22	21	31	70
58	1SV19CS064	SATYAM KUMAR CHAUBEY	26	12	13	21	2	3	3	2	24	6	6	6	6	34	21	22	29	66
59	1SV19CS065	SHAFIYA KHANUM	30	14	14	25	2	3	3	2	35	8	9	9	9	40	26	26	36	80
60	1SV19CS066	SHAH HUSSAIN AHAMED S A	30	14	14	26	2	3	3	2	33	8	8	8	9	40	25	25	37	79
																35	21	21	27	
															Attainment	75	64	65	57	

Prof Dhanushka Swamy CV

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Department of Computer Science and Engineering

COURSE OUTCOME

CO1. Design and analyze application of analog circuits using photo devices, timer IC, power supplyregulator IC, and op-amp and explain the basic principles of A/D and D/A conversion circuits
CO2. Simplify digital circuits using Karnaugh Map, and Quine-McCluskyMethods
CO3. Explain Gates and flip flops and make use in designing different data processing circuits, registers and counters and compare the types.
CO4. Explain Gates and flip flops and make us in designing different data processing circuits, registers and counters and compare the types.
CO5. Develop simple HDL programs

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.
PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.
PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.
PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities.
PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.
PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.
PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to dô work as a member and leader in a team, to manage projects in multidisciplinary environments.
PO12 Life-long learning: recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mrs. SOWMYA M S				
BRANCH	CSE	ACADEMIC YEAR	2020-21		
COURSE	B.E	SEMESTER	III	SECTION	A
SUBJECT	Analog and Digital Electronics	SUBJECT CODE	18CS33		

CO-PO-PSO Mapping

COs	Pos												PSOs		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
CO1	2	2	2										3		
CO2	2	2	2										3		
CO3	2	2	2										3		
CO4	2	2		2									3	1	
CO5	3	2		1									3	1	
Average	2.2	2	2	1.5									3	1	

CO AND PO ATTAINMENT

ATTAINMENT TABLE

COs	AVG	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	78.7	1.57	1.57	1.57										2.36		
CO2	69.1	1.38	1.38	1.38										2.07		
CO3	69.1	1.38	1.38	1.38										2.07		
CO4	69.2	1.38	1.38		1.38									2.07	0.69	
CO5	67.4	2.02	1.34		0.67									2.02	0.67	
AVERAGE		1.54	1.41	1.44	1.02									2.11	0.68	

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PRINCIPAL
SIET., TUMAKURU.

STAFF INCHARGE

18CS33 SEM:3 'A' 2020-2021 Subject: Analog & Digital Electronics Ms Sowmya S

Roll No.	USN	Name				T1	T2		T3		ASSIGNMENT 10/5						SEE marks (60/5)					Final					
			T1	T2	T3	CO1-30	CO2-15	CO3-15	CO4-30	CO5-30	CO1-2	CO2-2	CO3-2	CO4-2	CO5-2	SEE (60)	CO1-12	CO2-12	CO3-12	CO4-12	CO5-12	CO1-44	CO2-29	CO3-29	CO4-29	CO5-29	TOTAL
1	1SV19CS001	AFREEN AFSHAN	29	30	27	29	15	15	11	15	2	2	2	2	2	14	2.8	2.8	2.8	2.8	2.8	34	19.8	19.8	15.8	19.8	22
2	1SV19CS003	AKASH KUMAR SINGH	30	30	30	30	15	15	15	15	2	2	2	2	2	29	5.8	5.8	5.8	5.8	5.8	38	22.8	22.8	22.8	22.8	26
3	1SV19CS004	AKHIL N	29	AB	7	29	0	0	5	2	2	2	2	2	2	9	1.8	1.8	1.8	1.8	1.8	33	3.8	3.8	8.8	5.8	11
4	1SV19CS005	AKSHATHA M	29	30	22	29	15	15	11	11	2	2	2	2	2	8	1.6	1.6	1.6	1.6	1.6	33	18.6	18.6	14.6	14.6	20
5	1SV19CS006	AMRIT GYAWALI	30	30	28	30	15	15	14	14	2	2	2	2	2	10	2	2	2	2	2	34	19	19	18	18	22
6	1SV19CS007	ANKITHA K	29	30	24	29	15	15	12	12	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	35	21.2	21.2	18.2	18.2	23
7	1SV19CS008	ANUSHA B	29	30	29	29	15	15	15	14	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	37	22.4	22.4	22.4	21.4	25
8	1SV19CS009	ARBIN TAJ	28	30	12	28	15	15	6	6	2	2	2	2	2	2	0.4	0.4	0.4	0.4	0.4	30	17.4	17.4	8.4	8.4	16
9	1SV19CS011	ASHRITH P	30	30	26	30	15	15	13	13	2	2	2	2	2	17	3.4	3.4	3.4	3.4	3.4	35	20.4	20.4	18.4	18.4	23
10	1SV19CS013	AYESHA SALEEM	30	30	29	30	15	15	15	14	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	36	21.2	21.2	21.2	20.2	24
11	1SV19CS014	BHAGYASHREE	30	30	23	30	15	15	15	15	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	36	21.2	21.2	21.2	21.2	24
12	1SV19CS015	BHAGYASHREE G	30	30	28	30	15	15	14	14	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	36	21.2	21.2	20.2	20.2	24
13	1SV19CS016	BHARATHI H	29	30	27	30	15	15	13	14	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	37	22.4	22.4	20.4	21.4	25
14	1SV19CS017	BHARGAV N	28	AB	21	28	0	0	10	11	2	2	2	2	2	11	2.2	2.2	2.2	2.2	2.2	32	4.2	4.2	14.2	15.2	14
15	1SV19CS018	BHAVANA C	30	30	27	30	15	15	14	13	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	36	21.2	21.2	20.2	19.2	24
16	1SV19CS019	BHOJANNA AJAY	29	30	10	29	15	15	5	5	2	2	2	2	2	4	0.8	0.8	0.8	0.8	0.8	31	17.8	17.8	7.8	7.8	17
17	1SV19CS020	BHOOMIKA J N	30	30	20	30	15	15	10	10	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	37	22.4	22.4	17.4	17.4	23
18	1SV19CS021	BHUVANESHWARI	30	30	30	30	15	15	15	15	2	2	2	2	2	32	6.4	6.4	6.4	6.4	6.4	38	23.4	23.4	23.4	23.4	26
19	1SV19CS022	BHUVANESHWARI A	30	30	27	30	15	15	14	13	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	36	21.2	21.2	20.2	19.2	24
20	1SV19CS023	CHETHAN V	29	30	28	29	15	15	14	14	2	2	2	2	2	4	0.8	0.8	0.8	0.8	0.8	32	17.8	17.8	16.8	16.8	20
21	1SV19CS024	DARSHAN K N	29	AB	30	29	0	0	15	15	2	2	2	2	2	3	0.6	0.6	0.6	0.6	0.6	32	2.6	2.6	17.6	17.6	14
22	1SV19CS025	DEEKSHA K	30	30	30	30	15	15	15	15	2	2	2	2	2	25	5	5	5	5	5	37	22	22	22	22	25
23	1SV19CS026	DHANUSH K	20	30	23	20	15	15	10	13	2	2	2	2	2	4	0.8	0.8	0.8	0.8	0.8	23	17.8	17.8	12.8	15.8	17
24	1SV19CS027	DISHAN M	28	30	27	28	15	15	14	13	2	2	2	2	2	33	6.6	6.6	6.6	6.6	6.6	36	23.6	23.6	22.6	21.6	26
25	1SV19CS028	DULARCHAND KALWAR	0	AB	24	0	0	0	12	12	2	2	2	2	2	22	4.4	4.4	4.4	4.4	4.4	6	6.4	6.4	18.4	18.4	11
26	1SV19CS029	ESRA BANU	30	30	27	30	15	15	14	13	2	2	2	2	2	26	5.2	5.2	5.2	5.2	5.2	37	22.2	22.2	21.2	20.2	25
27	1SV19CS030	GAYITHRIDEVI K M	30	30	30	30	15	15	15	15	2	2	2	2	2	36	7.2	7.2	7.2	7.2	7.2	39	24.2	24.2	24.2	24.2	27
28	1SV19CS031	GOUDAR ROHIT RENU	15	30	30	15	15	15	15	15	2	2	2	2	2	14	2.8	2.8	2.8	2.8	2.8	20	19.8	19.8	19.8	19.8	20
29	1SV19CS032	H BARKATHULLA	30	30	30	30	15	15	15	15	2	2	2	2	2	29	5.8	5.8	5.8	5.8	5.8	38	22.8	22.8	22.8	22.8	26
30	1SV19CS033	HARISHA M R	29	30	30	29	15	15	15	15	2	2	2	2	2	13	2.6	2.6	2.6	2.6	2.6	34	19.6	19.6	19.6	19.6	22
31	1SV19CS034	HARSHITHA C	30	30	30	30	15	15	15	15	2	2	2	2	2	31	6.2	6.2	6.2	6.2	6.2	38	23.2	23.2	23.2	23.2	26
32	1SV19CS035	HEMANTH K R	30	30	29	30	15	15	15	14	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	36	21.2	21.2	21.2	20.2	24
33	1SV19CS036	J N SHREYAS	30	AB	17	30	0	0	10	7	2	2	2	2	2	17	3.4	3.4	3.4	3.4	3.4	35	5.4	5.4	15.4	12.4	15
34	1SV19CS037	JYOTI MOHAN MADIWALAR	29	30	27	29	15	15	14	13	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	35	21.2	21.2	20.2	19.2	23
35	1SV19CS038	KALPANA M N	29	29	27	29	15	15	14	13	2	2	2	2	2	24	4.8	4.8	4.8	4.8	4.8	36	21.8	21.8	20.8	19.8	24
36	1SV19CS039	KUSHAL R	30	30	28	30	15	15	14	14	2	2	2	2	2	38	7.6	7.6	7.6	7.6	7.6	40	24.6	24.6	23.6	23.6	27
37	1SV19CS040	LAVANYA T S	29	30	29	29	15	15	15	14	2	2	2	2	2	24	4.8	4.8	4.8	4.8	4.8	36	21.8	21.8	21.8	20.8	24
38	1SV19CS041	MADHAVA REDDY M	30	30	27	30	15	15	14	13	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	36	21.2	21.2	20.2	19.2	24
39	1SV19CS042	MAHALAKSHMI H	30	30	28	30	15	15	14	14	2	2	2	2	2	33	6.6	6.6	6.6	6.6	6.6	39	23.6	23.6	22.6	22.6	26
40	1SV19CS043	MONIKA P	30	30	30	30	15	15	15	15	2	2	2	2	2	36	7.2	7.2	7.2	7.2	7.2	39	24.2	24.2	24.2	24.2	27
41	1SV19CS044	MONISHA P	30	30	28	30	15	15	14	14	2	2	2	2	2	26	5.2	5.2	5.2	5.2	5.2	37	22.2	22.2	21.2	21.2	25
42	1SV19CS045	NAGAKRUPA D R	28	30	29	28	15	15	15	14	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	35	22.4	22.4	22.4	21.4	25
43	1SV19CS046	NANDAN KUMAR M	30	30	29	30	15	15	15	15	2	2	2	2	2	29	5.8	5.8	5.8	5.8	5.8	38	22.8	22.8	22.8	22.8	26
44	1SV19CS047	NANDINI A	30	30	27	30	15	15	14	13	2	2	2	2	2	38	7.6	7.6	7.6	7.6	7.6	40	24.6	24.6	23.6	22.6	27
45	1SV19CS048	NAYANA H S	30	30	30	30	15	15	15	15	2	2	2	2	2	36	7.2	7.2	7.2	7.2	7.2	39	24.2	24.2	24.2	24.2	27
46	1SV19CS050	NIKKI KISHORE			21	30	0	0	10	11	2	2	2	2	2	23	4.6	4.6	4.6	4.6	4.6	37	6.6	6.6	16.6	17.6	17

47	1SV19CS052	PRAMOD R	30		29	30	15	15	15	14	2	2	2	2		33	6.6	6.6	6.6	6.6	6.6	39	23.6	23.6	23.6	22.6	26
48	1SV19CS053	PRIYA R ACHARYA	30		28	30	15	15	14	14	2	2	2	2	2	29	5.8	5.8	5.8	5.8	5.8	38	22.8	22.8	21.8	21.8	25
49	1SV19CS054	RAHUL S	29	30	23	29	15	15	14	9	2	2	2	2	2	17	3.4	3.4	3.4	3.4	3.4	34	20.4	20.4	19.4	14.4	22
50	1SV19CS056	RAKSHITH B R	29	30	27	29	15	15	15	12	2	2	2	2	2	26	5.2	5.2	5.2	5.2	5.2	36	22.2	22.2	22.2	19.2	24
51	1SV19CS057	RAVINDRA H V	29	30	30	29	15	15	15	15	2	2	2	2	2	37	7.4	7.4	7.4	7.4	7.4	39	24.4	24.4	24.4	24.4	27
52	1SV19CS058	S ANKITHA	29	30	28	29	15	15	14	14	2	2	2	2	2	33	6.6	6.6	6.6	6.6	6.6	38	23.6	23.6	22.6	22.6	26
53	1SV19CS059	SAHANA B R	29	30	29	29	15	15	15	14	2	2	2	2	2	17	3.4	3.4	3.4	3.4	3.4	35	20.4	20.4	20.4	19.4	23
54	1SV19CS060	GULARADDI	28	30	27	28	15	15	15	12	2	2	2	2	2	24	4.8	4.8	4.8	4.8	4.8	35	21.8	21.8	21.8	18.8	24
55	1SV19CS061	SAI KISHAN M R	29	30	29	29	15	15	15	14	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	37	22.4	22.4	22.4	21.4	25
56	1SV19CS062	SANIHA C	0	30	27	0	15	15	15	12	2	2	2	2	2	8	1.6	1.6	1.6	1.6	1.6	4	18.6	18.6	18.6	15.6	15
57	1SV19CS063	SANTHOSH C	29	30	30	29	15	15	15	15	2	2	2	2	2	25	5	5	5	5	5	36	22	22	22	22	25
58	1SV19CS064	SATYAM KUMAR CHAUBEY	30	AB	26	30	15	15	15	11	2	2	2	2	2	24	4.8	4.8	4.8	4.8	4.8	37	21.8	21.8	21.8	17.8	24
59	1SV19CS065	SHAFIYA KHANUM	29	30	29	29	15	15	15	14	2	2	2	2	2	32	6.4	6.4	6.4	6.4	6.4	37	23.4	23.4	23.4	22.4	26
60	1SV19CS066	SHAH HUSSAIN AHAMED S A	29	30	30	29	15	15	15	15	2	2	2	2	2	38	7.6	7.6	7.6	7.6	7.6	39	24.6	24.6	24.6	24.6	27
																						34.6	20.1	20.1	20.1	19.6	
																						78.7	**69.2**	**69.2**	**69.2**	**67.4**	

Sri Shridevi Charitable Trust (R.)
SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY
Sira Road, Tumkur - 572 106, Karnataka, India.
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(Approved by AICTE, New Delhi, Recognised by Govt. of Karnataka and Affiliated to Visvesvaraya Technological University, Belagavi)

Department of Computer Science and Engineering

2020-2021

COURSE OUTCOMES **Subject: Computer Organization** **Subject Code: 18CS34**

CO1. Explain the basic organization of a computer system.
CO2. Demonstrate functioning of different sub systems, such as processor, Input/output, and memory.
CO3. Illustrate hardwired control and micro programmed control, pipelining, embedded and other computing systems.
CO4. Design and analyze simple arithmetic and logical units.

PROGRAM OUTCOMES

PO1. Engineering knowledge: An ability to apply knowledge of mathematics (including probability, Statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.
PO2. Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems Reaching substantiated conclusions using first principles of mathematics, natural sciences, and Engineering sciences.
PO3. Design / development of solutions: An ability to design solution for engineering problems and design System components or process to meet desired specifications and needs.
PO4. Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, Design synthesis of the information to solve complex engineering problems and provide valid Conclusions.
PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern Engineering and IT tools, including prediction and modelling to complex engineering activities.
PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, Health, safety, legal, and cultural issues.
PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in Societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable Development.
PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of The engineering practice.
PO.9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse Teams, and in multidisciplinary settings.
PO10. Communication: Communicate effectively on complex engineering activities with the engineering Community and with the society.
PO11. Project management and finance: An ability to use the modern engineering tools, techniques, skills And management principles to do work as a member and leader in a team, to manage projects in Multidisciplinary environments.
PO12. Life-long learning: recognition of the need for, and an ability to engage in, to resolve Contemporary issues and acquire lifelong learning.

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(Approved by AICTE, New Delhi, Recognised by Govt. of Karnataka and Affiliated to Visvesvaraya Technological University, Belagavi)
ESTD:2002 20 YEARS Academic Excellence

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr. CHETHAN M S				
BRANCH	CSE		ACADEMIC YEAR	2020-2021	
COURSE	B.E	SEMESTER	III	SECTION	A
SUBJECT	COMPUTER ORGANIZATION		SUBJECT CODE	18CS34	

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	2	-	2	-	-	-	-	-	-	-	2	-	-	-
CO2	3	3	2	-	-	-	-	-	-	-	-	2	-	-	2
CO3	3	2	-	2	-	-	-	-	-	-	-	2	2	-	2
CO4	3	3	3	2	-	-	-	-	-	-	-	2	2	-	2
AVG	3	2.5	1.2	1.5	-	-	-	-	-	-	-	2.0	1.0	-	1.5
OVERALL MAPPING OF SUBJECT												1.81			

CO AND PO ATTAINMENT

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	66.64	1.99	1.33	-	1.33	-	-	-	-	-	-	-	1.33	-	-	-
CO2	57.51	1.72	1.72	1.15	-	-	-	-	-	-	-	-	1.15	-	-	1.15
CO3	56.02	1.68	1.12	-	1.12	-	-	-	-	-	-	-	1.12	1.12	-	1.12
CO4	64.01	1.92	1.92	1.92	1.28	-	-	-	-	-	-	-	1.28	1.28	-	1.28
AVERAGE	61.04	1.82	1.52	1.53	1.24	-	-	-	-	-	-	-	1.22	1.2	-	1.18
FINAL ATTAINMENT LEVEL													1.38			

STAFF INCHARGE

HOD
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-86.

PRINCIPAL
SIET, TUMAKURU.

Department of Computer Science and Engineering

COURSE INSTRUCTOR: Prof. CHETHAN M.S | COURSE CODE:18CS34 | COURSE: COMPUTER ORGANIZATION | SEM: III SEM | 2020-2021 ODD SEM | CSE

Roll No.	USN	Name	T1=30	T2=30	T3=30	ASSIGNMENT=10				SEE = 60M				FINAL				SEE
						T1	T2	T3										
						CO1=30	CO2=15	CO3=15	CO4=30	CO1=2.5	CO2=2.5	CO3=2.5	CO4=2.5	CO1=15	CO2=15	CO3=15	CO4=15	CO1=47.5	CO2=32.5	CO3=32.5	CO4=47.5	
1	1SV19CS001	AFREEN AFSHAN	27	19	17	27	10	9	17	2.5	2.5	2.5	2.5	9.5	9.5	9.5	9.5	39	22	21	29.0	38
2	1SV19CS003	AKASH KUMAR SINGH	26	23	20	26	12	11	20	2.5	2.5	2.5	2.5	8.5	8.5	8.5	8.5	37	23	22	31.0	34
3	1SV19CS004	AKHIL N	29	AB	17	29	0	0	17	1.25	1.25	1.25	1.25	0	0	0	0	30.25	1.25	1.25	18.3	30
4	1SV19CS005	AKSHATHA M	28	25	18	28	13	12	18	2.5	2.5	2.5	2.5	6.75	6.75	6.75	6.75	37.25	22.25	21.25	27.3	27
5	1SV19CS006	AMRIT GYAWALI	24	15	23	24	8	7	23	2.5	2.5	2.5	2.5	5.5	5.5	5.5	5.5	32	16	15	31.0	22
6	1SV19CS007	ANKITHA K	24	21	21	24	11	10	21	2.5	2.5	2.5	2.5	8	8	8	8	34.5	21.5	20.5	31.5	32
7	1SV19CS008	ANUSHA B	25	26	16	25	13	13	16	2.5	2.5	2.5	2.5	7.25	7.25	7.25	7.25	34.75	22.75	22.75	25.8	29
8	1SV19CS009	ARBIN TAJ	23	17	18	23	9	8	18	2.5	2.5	2.5	2.5	6	6	6	6	31.5	17.5	16.5	26.5	24
9	1SV19CS011	ASHRITH P	24	21	16	24	11	10	16	2.5	2.5	2.5	2.5	5.25	5.25	5.25	5.25	31.75	18.75	17.75	23.8	21
10	1SV19CS013	AYESHA SALEEM	28	29	17	28	15	14	17	2.5	2.5	2.5	2.5	6	6	6	6	36.5	23.5	22.5	25.5	24
11	1SV19CS014	BHAGYASHREE	26	24	24	26	12	12	24	2.5	2.5	2.5	2.5	3.25	3.25	3.25	3.25	31.75	17.75	17.75	29.8	13
12	1SV19CS015	BHAGYASHREE G	23	26	25	23	13	13	25	2.5	2.5	2.5	2.5	7.25	7.25	7.25	7.25	32.75	22.75	22.75	34.8	29
13	1SV19CS016	BHARATHI H	23	23	28	23	12	11	28	2.5	2.5	2.5	2.5	5.25	5.25	5.25	5.25	30.75	19.75	18.75	35.8	21
14	1SV19CS017	BHARGAV N	13	AB	16	13	0	0	16	2.5	2.5	2.5	2.5	0.5	0.5	0.5	0.5	16	3	3	19.0	2
15	1SV19CS018	BHAVANA C	26	24	24	26	12	12	24	2.5	2.5	2.5	2.5	5.25	5.25	5.25	5.25	33.75	19.75	19.75	31.8	21
16	1SV19CS019	BHOJANNA AJAY	AB	17	18	0	9	8	18	2	2	2	2	3.5	3.5	3.5	3.5	5.5	14.5	13.5	23.5	14
17	1SV19CS020	BHOOMIKA J N	28	29	17	28	15	14	17	2.5	2.5	2.5	2.5	3.25	3.25	3.25	3.25	33.75	20.75	19.75	22.8	13
18	1SV19CS021	BHUVANESHWARI	19	23	21	19	12	11	21	2.5	2.5	2.5	2.5	9	9	9	9	30.5	23.5	22.5	32.5	36
19	1SV19CS022	BHUVANESHWARI A	26	26	24	26	13	13	24	2.5	2.5	2.5	2.5	7.25	7.25	7.25	7.25	35.75	22.75	22.75	33.8	29
20	1SV19CS023	CHETHAN V	26	17	23	26	9	8	23	2.5	2.5	2.5	2.5	2	2	2	2	30.5	13.5	12.5	27.5	8
21	1SV19CS024	DARSHAN K N	23	AB	17	23	0	0	17	1.75	1.75	1.75	1.75	2.75	2.75	2.75	2.75	27.5	4.5	4.5	21.5	11
22	1SV19CS025	DEEKSHA K	23	27	21	23	14	13	21	2.5	2.5	2.5	2.5	7	7	7	7	32.5	23.5	22.5	30.5	28
23	1SV19CS026	DHANUSH K	13	AB	16	13	0	0	16	2.5	2.5	2.5	2.5	0.5	0.5	0.5	0.5	16	3	3	19.0	2
24	1SV19CS027	DISHAN M	23	20	17	23	10	10	17	2.5	2.5	2.5	2.5	5.25	5.25	5.25	5.25	30.75	17.75	17.75	24.8	21
25	1SV19CS028	DULARCHAND KALWAR	24	10	16	24	5	5	16	2.5	2.5	2.5	2.5	5.25	5.25	5.25	5.25	31.75	12.75	12.75	23.8	21
26	1SV19CS029	ESRA BANU	24	27	18	24	14	13	18	2.5	2.5	2.5	2.5	6.75	6.75	6.75	6.75	33.25	23.25	22.25	27.3	27
27	1SV19CS030	GAYITHRIDEVI K M	23	24	30	23	12	12	30	2.5	2.5	2.5	2.5	11.25	11.25	11.25	11.25	36.75	25.75	25.75	43.8	45
28	1SV19CS031	GOUDAR ROHIT RENU	20	11	17	20	6	5	17	1	1	1	1	1.75	1.75	1.75	1.75	22.75	8.75	7.75	19.8	7
29	1SV19CS032	H BARKATHULLA	21	20	20	21	10	10	20	2.5	2.5	2.5	2.5	10.25	10.25	10.25	10.25	33.75	22.75	22.75	32.8	41
30	1SV19CS033	HARISHA M R	21	21	25	21	6	5	25	2.5	2.5	2.5	2.5	10.25	10.25	10.25	10.25	33.75	18.75	17.75	37.8	41
31	1SV19CS034	HARSHITHA C	30	30	30	30	15	15	30	2.5	2.5	2.5	2.5	9.25	9.25	9.25	9.25	41.75	26.75	26.75	41.8	37
32	1SV19CS035	HEMANTH K R	23	28	23	23	14	14	23	2.5	2.5	2.5	2.5	7.75	7.75	7.75	7.75	33.25	24.25	24.25	33.3	31
33	1SV19CS036	J N SHREYAS	20	AB	22	20	0	0	22	1.5	1.5	1.5	1.5	3.5	3.5	3.5	3.5	25	5	5	27.0	14
34	1SV19CS037	MADIWALAR	23	19	18	23	10	9	18	2.5	2.5	2.5	2.5	8.5	8.5	8.5	8.5	34	21	20	29.0	34
35	1SV19CS038	KALPANA M N	23	20	20	23	10	10	20	2.5	2.5	2.5	2.5	8	8	8	8	33.5	20.5	20.5	39.5	32
36	1SV19CS040	LAVANYA T S	23	26	24	23	13	13	24	2.5	2.5	2.5	2.5	8.75	8.75	8.75	8.75	34.25	24.25	24.25	35.3	35
37	1SV19CS041	MADHAVA REDDY M	18	18	24	18	9	9	24	2.5	2.5	2.5	2.5	6	6	6	6	26.5	17.5	17.5	32.5	24
38	1SV19CS042	MAHALAKSHMI H	24	15	19	24	8	7	19	2.5	2.5	2.5	2.5	5.25	5.25	5.25	5.25	31.75	15.75	14.75	26.8	21
39	1SV19CS043	MONIKA P	23	18	18	23	9	9	18	2.5	2.5	2.5	2.5	8.75	8.75	8.75	8.75	34.25	20.25	20.25	29.3	35
40	1SV19CS044	MONISHA P	24	26	23	24	13	13	23	2.5	2.5	2.5	2.5	9	9	9	9	35.5	24.5	24.5	34.5	36
41	1SV19CS045	NAGAKRUPA D R	25	25	24	25	13	12	24	2.5	2.5	2.5	2.5	5.25	5.25	5.25	5.25	32.75	20.75	19.75	31.8	21
42	1SV19CS046	NANDAN KUMAR M	17	8	26	17	4	4	26	2.5	2.5	2.5	2.5	5.25	5.25	5.25	5.25	24.75	11.75	11.75	33.8	21
43	1SV19CS047	NANDINI A	25	17	16	25	9	8	16	2.5	2.5	2.5	2.5	8.25	8.25	8.25	8.25	35.75	19.75	18.75	26.8	33

CHETHAN M.S

HOD
COMPUTER SCIENCE & ENGG.
SIET, TUMAKURU-06.

SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY
SIRA ROAD, TUMKUR- 572 106.

DEPARTMENT OF COMPUTER SCIENCE/ INFORMATION SCIENCE

SUBJECT	DATA STRUCTURES AND ANALYSIS	SUBJECT CODE	18CS32

COURSE OUTCOME

CO1: Use different types of data structures, operations and algorithms
CO2: Apply searching and sorting operations on files
CO3: Use stack, Queue, Lists, Trees and Graphs in problem solving
CO4: Implement all data structures in a high-level language for problem solving
PSO1: To Create, select, and apply appropriate techniques, resources, modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
PSO2: To manage complex IT projects with consideration of the human, financial, ethical and environmental factors and an understanding of risk management processes, and operational and policy implications.
PSO3: Acquaint module knowledge on emerging trends of the modern era in computer science and engineering.

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.
PO2 Problem analysis: Identify, formulate, research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3 Design / development of solutions:An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.
PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.
PO5 Modern tool usage:Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities.
PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.
PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need forsustainable development.
PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.
PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.
PO12 Life-long learning: A recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Dr.CHARAN K V				
BRANCH	CSE / ISE	ACADEMIC YEAR	2020-21		
COURSE	B.E	SEMESTER	III	SECTION	B
SUBJECT	DATA STRUCTURES AND ANALYSIS	SUBJECT CODE	18CS32		

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3	3	1	2			2	1	1	1	2
CO2	3	2	3	1	2			2	1	1	1	2
CO3	3	2	1	1	2			2	1	1	1	2
CO4	3	3	2	1	2			2	1	1	1	2
AVERAGE	3	2.5	2	1	2			2	1	1	1	2
											OVERALL MAPPING OF SUBJECT	1.45

CO AND PO ATTAINMENT

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	83.80681	2.51	2.51	2.51	0.838	1.67			1.67	0.83	0.83	0.83	1.67
CO2	76.98864	2.30	1.53	2.30	0.77	1.53			1.53	0.76	0.76	0.76	1.53
CO3	81.46552	2.44	1.62	0.81	0.815	1.62			1.62	0.81	0.81	0.81	1.62
CO4	81.46552	2.44	2.44	1.62	0.815	1.62			1.62	0.81	0.81	0.81	1.62
AVERAGE	82.63617	2.47	2.47	1.65	0.826	1.65			1.65	0.82	0.82	0.82	1.65
												FINAL ATTAINMENT LEVEL	2.06

44	1SV19CS048	NAYANA H S	23	15	23	23	8		23	2.5	2.5	2.5	2.5	5.25	5.25	5.25	5.25	30.75	15.75	14.75	30.8	21
45	1SV19CS050	NIKKI KISHORE	30	30	30	30	15		30	2.5	2.5	2.5	2.5	8.25	8.25	8.25	8.25	40.75	25.75	25.75	40.8	33
46	1SV19CS051	NOOR JAHAN	AB	20	30	0	10	10	30	2.5	2.5	2.5	2.5	7.75	7.75	7.75	7.75	10.25	20.25	20.25	40.3	31
47	1SV19CS052	PRAMOD R	23	23	17	23	12	11	17	2.5	2.5	2.5	2.5	5.25	5.25	5.25	5.25	30.75	19.75	18.75	24.8	21
48	1SV19CS053	PRIYA R ACHARYA	30	30	30	30	15	15	30	2.5	2.5	2.5	2.5	7.25	7.25	7.25	7.25	39.75	24.75	24.75	39.8	29
49	1SV19CS054	RAHUL S	19	17	17	19	9	8	17	2.5	2.5	2.5	2.5	5.5	5.5	5.5	5.5	27	17	16	25.0	22
50	1SV19CS056	RAKSHITH B R	20	15	24	20	8	7	24	2.5	2.5	2.5	2.5	8.75	8.75	8.75	8.75	31.25	19.25	18.25	35.3	35
51	1SV19CS057	RAVINDRA H V	23	26	29	23	13	13	29	2.5	2.5	2.5	2.5	12	12	12	12	37.5	27.5	27.5	43.5	48
52	1SV19CS058	S ANKITHA	26	17	26	26	9	8	26	2.5	2.5	2.5	2.5	9	9	9	9	37.5	20.5	19.5	37.5	36
53	1SV19CS059	SAHANA B R	24	6	17	24	3	3	17	2.5	2.5	2.5	2.5	5.25	5.25	5.25	5.25	31.75	10.75	10.75	24.8	21
54	1SV19CS060	GULARADDI	25	20	22	25	10	10	22	2.5	2.5	2.5	2.5	8.25	8.25	8.25	8.25	35.75	20.75	20.75	32.8	33
55	1SV19CS061	SAI KISHAN M R	23	20	26	23	10	10	26	2.5	2.5	2.5	2.5	6	6	6	6	31.5	18.5	18.5	34.5	24
56	1SV19CS062	SANIHA C	26	21	17	26	11	10	17	2.5	2.5	2.5	2.5	6	6	6	6	34.5	19.5	18.5	25.5	24
57	1SV19CS063	SANTHOSH C	25	17	23	25	9	8	23	2.5	2.5	2.5	2.5	6.75	6.75	6.75	6.75	34.25	18.25	17.25	32.3	27
58	1SV19CS064	SATYAM KUMAR CHAUE	24	19	17	24	10	9	17	2.5	2.5	2.5	2.5	5.25	5.25	5.25	5.25	31.75	17.75	16.75	24.8	21
59	1SV19CS065	SHAFIYA KHANUM	24	24	25	24	12	12	25	2.5	2.5	2.5	2.5	8.5	8.5	8.5	8.5	35	23	23	36.0	34
60	1SV19CS066	SHAH HUSSAIN AHAMED	23	28	25	23	14	14	25	2.5	2.5	2.5	2.5	6.75	6.75	6.75	6.75	32.25	23.25	23.25	34.3	27
		TOTAL																					
		Total number of students	60	60	60	60	60	60	60	60	60	60	60				AVG	31.6583333	18.6916667	18.208333	30.4083333	
																	%	66.6491228	57.5128205	56.025641	64.0175439	

CHETHAN M.S

HOD,
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.

DEPARTMENT OF COMPUTER SCIENCE / INFORMATION SCIENCE

SUBJECT	SOFTWARE ENGINEERING	SUBJECT CODE	18CS35

COURSE OUTCOME

CO1: Design a software system, component, or process to meet desired needs within realistic constraints.
CO2: Assess professional and ethical responsibility
CO3: Function on multi-disciplinary teams
CO4: Use the techniques, skills, and modern engineering tools necessary for engineering practice
CO5: Analyse, design, implement, verify, validate, implement, apply, and maintain software systems or parts of software systems
PSO1: To Create, select, and apply appropriate techniques, resources, modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
PSO2: To manage complex IT projects with consideration of the human, financial, ethical and environmental factors and an understanding of risk management processes, and operational and policy implications.
PSO3: Acquaint module knowledge on emerging trends of the modern era in computer science and engineering.

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.
PO2 Problem analysis: Identify, formulate, research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3 Design / development of solutions:An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.
PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.
PO5 Modern tool usage:Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities.
PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.
PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need forsustainable development.
PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.
PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.
PO12 Life-long learning: A recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY											
FACULTY NAME	Dr.CHARAN K V											
BRANCH	CSE / ISE			ACADEMIC YEAR			2020-21					
COURSE	B.E	SEMESTER	III	SECTION	A							
SUBJECT	SOFTWARE ENGINEERING					SUBJECT CODE	18CS35					
CO & PO MAPPING												
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3	3	1	2			2	1	1	1	2
CO2	3	2	3	1	2			2	1	1	1	2
CO3	3	2	1	1	2			2	1	1	1	2
CO4	3	3	2	1	2			2	1	1	1	2
CO5	3	3	2	1	2			2	1	1	1	2
AVERAGE	3	2.5	2	1	2			2	1	1	1	2
OVERALL MAPPING OF SUBJECT												1.75

CO AND PO ATTAINMENT

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	86.36364	2.59	2.59	2.59	0.86	1.72			1.72	0.86	0.86	0.86	1.72
CO2	82.75862	2.48	1.65	2.48	0.82	1.65			1.65	0.82	0.82	0.82	1.65
CO3	82.75862	2.48	1.65	0.82	0.82	1.65			1.65	0.82	0.82	0.82	1.65
CO4	81.89655	2.45	2.45	1.63	0.81	1.63			1.63	0.81	0.81	0.81	1.63
CO5	81.89655	2.45	2.45	1.63	0.81	1.63			1.63	0.81	0.81	0.81	1.63
AVERAGE	84.13	2.49	2.52	2.11	0.835	1.675			1.675	0.835	0.835	0.835	1.675
FINAL ATTAINMENT LEVEL													1.54

	PSO1	PSO2	PSO3
CO1	2	2	2
CO2	2	2	2
CO3	2	2	2
CO4	2	1	2
CO5	2	2	2
AVERAGE	2	2	2

STAFF INCHARGE

HOD.
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.

PRINCIPAL
SIET., TUMAKURU.

Academic year	2020-21			SEM	III (CS / IS)		Total strength			60		Subject	Software Engineering									18CS35								
SEM:3rd SEC: A	IA TEST 1(30M)			IA TEST 2(30M)			IA TEST 3(30M)			ASSIGNMENT / QUIZ(10 M)			SEE MARKS(60)								% of individual CO					Total CO's Attainment					SEE Tot
USN	CO1	CO1	TOTAL	CO2	CO3	TOTAL	CO4	CO5	TOTAL	CO1	CO2	CO3	CO4	CO5	CO1=12	CO2	CO3	CO4	CO5	CO1=44	CO2=29	CO3=29	CO4=29	CO5=29	CO1	CO1	CO3	CO4	CO5	60M
1SV19CS001	14	14	28	14.5	14.5	29	13.5	13.5	27	2	2	2	2	2	8	8	8	8	8	88.36364	84.4828	84.4828	81.0345	81.0345	38	24.5	24.5	23.5	23.5	40
1SV19CS002	14	14	28	15	15	30	15	15	30	2	2	2	2	2	6.2	6.2	6.2	6.2	6.2	82.27273	80	80	80	80	36.2	23.2	23.2	23.2	23.2	31
1SV19CS004	14	14	28	13.5	13.5	27	10	10	20	2	2	2	2	2	7.4	7.4	7.4	7.4	7.4	85	78.9655	78.9655	66.8966	66.8966	37.4	22.9	22.9	19.4	19.4	37
1SV19CS005	14	14	28	14.5	14.5	29	11	11	22	2	2	2	2	2	5.2	5.2	5.2	5.2	5.2	80	74.8276	74.8276	62.7586	62.7586	35.2	21.7	21.7	18.2	18.2	26
1SV19CS006	14.5	14.5	29	14.5	14.5	29	14	14	28	2	2	2	2	2	8.2	8.2	8.2	8.2	8.2	89.09091	85.1724	85.1724	83.4483	83.4483	39.2	24.7	24.7	24.2	24.2	41
1SV19CS007	14	14	28	15	15	30	12	12	24	2	2	2	2	2	7.2	7.2	7.2	7.2	7.2	84.54545	83.4483	83.4483	73.1034	73.1034	37.2	24.2	24.2	21.2	21.2	36
1SV19CS008	14	14	28	15	15	30	14.5	14.5	29	2	2	2	2	2	7.8	7.8	7.8	7.8	7.8	85.90909	85.5172	85.5172	83.7931	83.7931	37.8	24.8	24.8	24.3	24.3	39
1SV19CS009	14.5	14.5	29	14.5	14.5	29	10	10	20	2	2	2	2	2	7.8	7.8	7.8	7.8	7.8	88.18182	83.7931	83.7931	68.2759	68.2759	38.8	24.3	24.3	19.8	19.8	39
1SV19CS011	15	15	30	15	15	30	13	13	26	2	2	2	2	2	6.4	6.4	6.4	6.4	6.4	87.27273	80.6897	80.6897	73.7931	73.7931	38.4	23.4	23.4	21.4	21.4	32
1SV19CS013	14.5	14.5	29	15	15	30	14.5	14.5	29	2	2	2	2	2	8.4	8.4	8.4	8.4	8.4	89.54545	87.5862	87.5862	85.8621	85.8621	39.4	25.4	25.4	24.9	24.9	42
1SV19CS014	15	15	30	15	15	30	11.5	11.5	23	2	2	2	2	2	7	7	7	7	7	88.63636	82.7586	82.7586	70.6897	70.6897	38	24	24	20.5	20.5	35
1SV19CS015	15	15	30	15	15	30	14	14	28	2	2	2	2	2	4.6	4.6	4.6	4.6	4.6	83.18182	74.4828	74.4828	71.0345	71.0345	36.6	21.6	21.6	20.6	20.6	23
1SV19CS016	14	14	28	15	15	30	13.5	13.5	27	2	2	2	2	2	7	7	7	7	7	84.09091	82.7586	82.7586	77.5862	77.5862	37	24	24	22.5	22.5	35
1SV19CS017	12	12	24	10	10	20	10.5	10.5	21	2	2	2	2	2	8	8	8	8	8	77.27273	68.9655	68.9655	70.6897	70.6897	34	20	20	20.5	20.5	40
1SV19CS018	14	14	28	14.5	14.5	29	13.5	13.5	27	2	2	2	2	2	9	9	9	9	9	88.63636	87.931	87.931	84.4828	84.4828	39	25.5	25.5	24.5	24.5	45
1SV19CS019	12	12	24	15	15	30	10	10	20	2	2	2	2	2	7.6	7.6	7.6	7.6	7.6	76.36364	84.8276	84.8276	67.5862	67.5862	33.6	24.6	24.6	19.6	19.6	38
1SV19CS020	14.5	14.5	29	15	15	30	10	10	20	2	2	2	2	2	8.8	8.8	8.8	8.8	8.8	90.45455	88.3655	88.8655	71.7241	71.7241	39.8	25.8	25.8	20.8	20.8	44
1SV19CS021	14.5	14.5	29	13.5	13.5	27	15	15	30	2	2	2	2	2	4.8	4.8	4.8	4.8	4.8	81.36364	70	70	75.1724	75.1724	35.8	20.3	20.3	21.8	21.8	34
1SV19CS022	14.5	14.5	29	15	15	30	13.5	13.5	27	2	2	2	2	2	8.4	8.4	8.4	8.4	8.4	89.54545	87.5862	87.5862	82.4138	82.4138	39.4	25.4	25.4	23.9	23.9	42
1SV19CS023	14.5	14.5	29	15	15	30	14	14	28	2	2	2	2	2	5.4	5.4	5.4	5.4	5.4	83.72727	77.2414	77.2414	73.7931	73.7931	36.4	22.4	22.4	21.4	21.4	27
1SV19CS024	14	14	28	13	13	26	15	15	30	2	2	2	2	2	7.4	7.4	7.4	7.4	7.4	85	77.2414	77.2414	64.1379	64.1379	37.4	22.4	22.4	24.4	24.4	37
1SV19CS025	15	15	30	15	15	30	15	15	30	2	2	2	2	2	3	3	3	3	3	78.54545	68.9655	68.9655	68.9655	68.9655	35	20	20	20	20	15
1SV19CS026	10.5	10.5	21	13.5	13.5	27	11.5	11.5	23	2	2	2	2	2	6.6	6.6	6.6	6.6	6.6	67.27273	76.2069	76.2069	69.3103	69.3103	29.6	22.1	22.1	20.1	20.1	33
1SV19CS027	15	15	30	14.5	14.5	29	13.5	13.5	27	2	2	2	2	2	9.4	9.4	9.4	9.4	9.4	94.09091	89.3103	89.3103	85.8621	85.8621	41.4	25.9	25.9	24.9	24.9	47
1SV19CS028	10	10	20	13	13	26	12	12	24	2	2	2	2	2	8.4	8.4	8.4	8.4	8.4	69.09091	80.6897	80.6897	77.2414	77.2414	30.4	23.4	23.4	22.4	22.4	42
1SV19CS029	14.5	14.5	29	15	15	30	13.5	13.5	27	2	2	2	2	2	6.4	6.4	6.4	6.4	6.4	85	80.6897	80.6897	75.5172	75.5172	37.4	23.4	23.4	21.9	21.9	32
1SV19CS030	15	15	30	15	15	30	15	15	30	2	2	2	2	2	9	9	9	9	9	90.90909	86.2069	86.2069	86.2069	86.2069	40	25	25	25	25	40
1SV19CS031	14	14	28	15	15	30	15	15	30	2	2	2	2	2	5.6	5.6	5.6	5.6	5.6	80.90909	77.931	77.931	77.931	77.931	35.6	22.6	22.6	22.6	22.6	28
1SV19CS032	14.5	14.5	29	15	15	30	15	15	30	2	2	2	2	2	7	7	7	7	7	88.36364	82.7586	82.7586	82.7586	82.7586	38	24	24	24	24	38
1SV19CS033	13	13	26	13.5	13.5	27	15	15	30	2	2	2	2	2	5.2	5.2	5.2	5.2	5.2	75.45455	71.3793	71.3793	76.5517	76.5517	33.2	20.7	20.7	22.2	22.2	26
1SV19CS034	15	15	30	15	15	30	15	15	30	2	2	2	2	2	8.2	8.2	8.2	8.2	8.2	91.36364	86.8966	86.8966	86.8966	86.8966	40.2	25.2	25.2	25.2	25.2	41
1SV19CS035	14	14	28	15	15	30	14.5	14.5	29	2	2	2	2	2	7.2	7.2	7.2	7.2	7.2	84.54545	83.4483	83.4483	81.7241	81.7241	37.2	24.2	24.2	23.7	23.7	36
1SV19CS036	15	15	30	10	10	20	10	10	20	2	2	2	2	2	7.8	7.8	7.8	7.8	7.8	90.45455	68.2759	68.2759	68.2759	68.2759	39.8	19.8	19.8	19.8	19.8	39
1SV19CS037	14	14	28	13	13	26	13.5	13.5	27	2	2	2	2	2	7.8	7.8	7.8	7.8	7.8	85.90909	78.6207	78.6207	80.3448	80.3448	37.8	22.8	22.8	23.3	23.3	39
1SV19CS038	14	14	28	14.5	14.5	29	13.5	13.5	27	2	2	2	2	2	6.4	6.4	6.4	6.4	6.4	82.72727	78.9655	78.9655	75.5172	75.5172	36.4	22.9	22.9	21.9	21.9	32
1SV19CS040	14.5	14.5	29	10	10	20	14	14	28	2	2	2	2	2	8.4	8.4	8.4	8.4	8.4	89.54545	70.3448	70.3448	64.1379	64.1379	39.4	20.4	20.4	24.4	24.4	42
1SV19CS041	14	14	28	15	15	30	14.5	14.5	29	2	2	2	2	2	7	7	7	7	7	84.09091	82.7586	82.7586	81.0345	81.0345	37	24	24	23.5	23.5	35
1SV19CS042	14	14	28	15	15	30	13.5	13.5	27	2	2	2	2	2	4.6	4.6	4.6	4.6	4.6	78.63636	74.4828	74.4828	69.3103	69.3103	34.6	21.6	21.6	20.1	20.1	23
1SV19CS043	14.5	14.5	29	14.5	14.5	29	14	14	28	2	2	2	2	2	7	7	7	7	7	86.36364	81.0345	81.0345	79.3103	79.3103	38	23.5	23.5	23	23	35
1SV19CS044	14.5	14.5	29	15	15	30	15	15	30	2	2	2	2	2	8	8	8	8	8	88.63636	86.2069	86.2069	86.2069	86.2069	39	25	25	25	25	40
1SV19CS045	15	15	30	15	15	30	14	14	28	2	2	2	2	2	9	9	9	9	9	93.18182	89.6552	89.6552	86.2069	86.2069	41	26	26	25	25	45
1SV19CS046	13	13	26	15	15	30	14.5	14.5	29	2	2	2	2	2	7.6	7.6	7.6	7.6	7.6	80.90909	84.8276	84.8276	83.1034	83.1034	35.6	24.6	24.6	24.1	24.1	38
1SV19CS047	14	14	28	14.5	14.5	29	14.5	14.5	29	2	2	2	2	2	8.8	8.8	8.8	8.8	8.8	88.18182	87.2414	87.2414	87.2414	87.2414	38.8	25.3	25.3	25.3	25.3	44
1SV19CS048	13.5	13.5	27	15	15	30	13.5	13.5	27	2	2	2	2	2	4.8	4.8	4.8	4.8	4.8	76.81818	75.1724	75.1724	70	70	33.8	21.8	21.8	20.3	20.3	24
1SV19CS050	15	15	30	14.5	14.5	29	13	15	30	2	2	2	2	2	7.4	7.4	7.4	7.4	7.4	89.54545	82.4138	82.4138	84.1379	84.1379	39.4	23.9	23.9	24.4	24.4	37
1SV19CS051	10	10	20	15	15	30	10.5	10.5	21	2	2	2	2	2	3	3	3	3	3	56.81818	68.9655	68.9655	53.4483	53.4483	25	20	20	15.5	15.5	15
1SV19CS052	13.5	13.5	27	14.5	14.5	29	14.5	14.3	29	2	2	2	2	2	6.6	6.6	6.6	6.6	6.6	80.90909	79.6552	79.6552	79.6552	79.6552	35.6	23.1	23.1	23.1	23.1	33
1SV19CS053	14.5	14.5	29	15	15	30	14	14	28	2	2	2	2	2	9.4	9.4	9.4	9.4	9.4	91.81818	91.0345	91.0345	87.5862	87.5862	40.4	26.4	26.4	25.4	25.4	47
1SV19CS054	10	10	20	13.5	13.5	27	11.5	11.5	23	2	2	2	2	2	8.4	8.4	8.4	8.4	8.4	69.09091	82.4138	82.4138	75.5172	75.5172	30.4	23.9	23.9	21.9	21.9	42
1SV19CS056	10.5	10.5	21	15	15	30	13.5	13.5	27	2	2	2	2	2	6.4	6.4	6.4	6.4	6.4	65.81818	80.6897	80.6897	75.5172	75.5172	29.4	23.4	23.4	21.9	21.9	32
1SV19CS057	14	14	28	14.5	14.5	29	15	15	30	2	2	2	2	2	5.6	5.6	5.6	5.6	5.6	80.90909	76.2069	76.2069	77.931	77.931	35.6	22.1	22.1	22.6	22.6	28
1SV19CS058	13.5	13.5	27	14	14	28	14	14	28	2	2	2	2	2	7	7	7	7	7	81.81818	79.3103	79.3103	79.3103	79.3103	36	23	23	23	23	35
1SV19CS059	14	14	28	14.5	14.5	29	14.5	14.5	29	2	2	2	2	2	5.2	5.2	5.2	5.2	5.2	80	74.8276	74.8276	74.8276	74.8276	35.2	21.7	21.7	21.7	21.7	26
1SV19CS060	14.5	14.5	29	14	14	28	13.5	13.5	27	2	2	2	2	2	8.2	8.2	8.2	8.2	8.2	89.09091	83.4483	83.4483	81.7241	81.7241	39.2	24.2	24.2	23.7	23.7	41
1SV19CS061	14.5	14.5	29	13.5	13.5	27	14.5	14.3	29	2	2	2	2	2	7.2	7.2	7.2	7.2	7.2	86.81818	78.2759	78.2759	81.7241	81.7241	38.2	22.7	22.7	23.7	23.7	36
1SV19CS062	13.5	13.5	27	15	15	30	13.5	13.5	27	2	2	2	2	2	8.4	8.4	8.4	8.4	8.4	85	87.5862	87.5862	82.4138	82.4138	37.4	25.4	25.4	23.9	23.9	42
1SV19CS063	14	14	28	14.5	14.5	29	15	15	30	2	2	2	2	2	7	7	7	7	7	84.09091	81.0345	81.0345	82.7586	82.7586	37	23.5	23.5	24	24	35
1SV19CS064	13.5	13.5	27	14.5	14.5	29	13	13	26	2	2	2	2	2	7.2	7.2	7.2	7.2	7.2	82.27273	81.7241	81.7241	76.5517	76.5517	36.2	23.7	23.7	22.2	22.2	36
1SV19CS065	13.5	13.5	27	15	15	30	14.5	14.5	29	2	2	2	2	2	8.4	8.4	8.4	8.4	8.4	85	87.5862	87.5862	85.8621	85.8621	37.4	25.4	25.4	24.9	24.9	42
1SV19CS066	14.5	14.5	29	14.5	14.5	29	15	15	30	2	2	2	2	2	7	7	7	7	7	86.36364	81.0345	81.0345	82.7586	82.7586	38	23.5	23.5	24	24	35

Faculty

HOD

Principal

Department of Computer Science and Engineering

COURSE OUTCOME

CO1. Make use of propositional and predicate logic in knowledge representationand truth verification.
CO2. Demonstrate the application of discrete structures in different fields ofcomputer science.
CO3. Solve problems using recurrence relations and generating functions.
CO4. Apply different mathematical proofs, techniques in proving theorems.
CO5. Compare graphs, trees, and their applications.

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.
PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.
PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.
PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities.
PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.
PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.
PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.
PO12 Life-long learning: recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mrs. VEENA N D				
BRANCH	CSE	ACADEMIC YEAR	2020-21		
COURSE	B.E	SEMESTER	III	SECTION	A
SUBJECT	Discrete Mathematical Structures		SUBJECT CODE	18CS36	

CO-PO-PSO Mapping															
COs	Pos												PSOs		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
CO1	3	3	2										3		
CO2	3	3	2										3		
CO3	3	3	2										2		
CO4	3	3	2										2		
CO5	3	3	2										3		
Average	3	3	2										2.6		

CO AND PO ATTAINMENT

ATTAINMENT TABLE															
COs	AVG	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	76.6	2.29	2.29	1.53										2.29		
CO2	69.9	2.09	2.09	1.39										2.09		
CO3	66.6	1.99	1.99	1.33										1.33		
CO4	70.9	2.12	2.12	1.41										1.41		
CO5	59.6	1.78	1.78	1.19										1.78		
AVERAGE		2.05	2.05	1.37										1.78		

HOD,
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-86.

PRINCIPAL
SIET., TUMAKURU

Veena. N.D

STAFF. INCHARGE

18CS36 SEM:3'A' Subject: Discrete Mathemat... Structure Mrs Veena N D

Roll No.	USN	Name	T1	T2	T3	T1 CO 1-30	T2 CO 2-15	T2 CO 3-15	T3 CO 4-15	T3 CO 5-15	ASSIGNMENT 10/5 CO1-2	CO2-2	CO3-2	CO4-2	CO5-2	SEE(60	SEE MARKS CO1-12	CO2-12	CO3-12	CO4-12	CO5-12	Final CO1-44	CO2-29	CO3-29	CO4-29	CO5-29	TOTAL AVG
1	1SV19CS001	AFREEN AFSHAN	28	29	19	28	15	14	15	4	2	2	2	2	2	26	5.2	5.2	5.2	5.2	5.2	35.2	22.2	21.2	22.2	11.2	22.4
2	1SV19CS003	AKASH KUMAR SINGI	28	30	30	28	15	15	15	15	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	35.4	22.4	22.4	22.4	22.4	25
3	1SV19CS004	AKHIL N	28	AB	AB	28	0	0	0	0	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	34.2	6.2	6.2	6.2	6.2	11.8
4	1SV19CS005	AKSHATHA M	29	29	27	29	15	14	15	12	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	35.2	21.2	20.2	21.2	18.2	23.2
5	1SV19CS006	AMRIT GYAWALI	29	29	28	29	15	14	15	13	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	35.2	21.2	20.2	21.2	19.2	23.4
6	1SV19CS007	ANKITHA K	28	29	30	28	15	14	15	15	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	35.4	22.4	21.4	22.4	22.4	24.8
7	1SV19CS008	ANUSHA B	29	29	25	29	15	14	15	10	2	2	2	2	2	45	9	9	9	9	9	40	26	25	26	21	27.6
8	1SV19CS009	ARBIN TAJ	27	29	AB	27	15	14	0	0	2	2	2	2	2	5	1	1	1	1	1	30	18	17	3	3	14.2
9	1SV19CS011	ASHRITH P	29	29	23	29	15	14	15	8	2	2	2	2	2	9	1.8	1.8	1.8	1.8	1.8	32.8	18.8	17.8	18.8	11.8	20
10	1SV19CS013	AYESHA SALEEM	29	30	23	29	15	15	15	8	2	2	2	2	2	30	6	6	6	6	6	37	23	23	23	16	24.4
11	1SV19CS014	BHAGYASHREE	30	29	30	30	15	14	15	15	2	2	2	2	2	26	5.2	5.2	5.2	5.2	5.2	37.2	22.2	21.2	22.2	22.2	25
12	1SV19CS015	BHAGYASHREE G	30	30	30	30	15	15	15	15	2	2	2	2	2	29	5.8	5.8	5.8	5.8	5.8	37.8	22.8	22.8	22.8	22.8	25.8
13	1SV19CS016	BHARATHI H	28	30	25	28	15	15	15	10	2	2	2	2	2	36	7.2	7.2	7.2	7.2	7.2	37.2	24.2	24.2	24.2	19.2	25.8
14	1SV19CS017	BHARGAV N	AB	AB	25	0	0	0	15	10	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	6.2	6.2	6.2	21.2	16.2	11.2
15	1SV19CS018	BHAVANA C	28	29	24	28	15	14	15	9	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	35.4	22.4	21.4	22.4	16.4	23.6
16	1SV19CS019	BHOJANNA AJAY	26	30	AB	26	15	15	0	0	2	2	2	2	2	1	0.2	0.2	0.2	0.2	0.2	28.2	17.2	17.2	2.2	2.2	13.4
17	1SV19CS020	BHOOMIKA J N	29	30	24	29	15	15	15	9	2	2	2	2	2	40	8	8	8	8	8	39	25	25	25	19	26.6
18	1SV19CS021	BHUVANESHWARI	29	27	26	29	15	12	15	11	2	2	2	2	2	42	8.4	8.4	8.4	8.4	8.4	39.4	25.4	22.4	25.4	21.4	26.8
19	1SV19CS022	BHUVANESHWARI A	29	30	24	29	15	15	15	9	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	35.2	21.2	21.2	21.2	15.2	22.8
20	1SV19CS023	CHETHAN V	29	30	27	29	15	15	15	12	2	2	2	2	2	2	0.4	0.4	0.4	0.4	0.4	31.4	17.4	17.4	17.4	14.4	19.6
21	1SV19CS024	DARSHAN K N	28	AB	22	28	0	0	15	7	2	2	2	2	2	5	1	1	1	1	1	31	3	3	18	10	13
22	1SV19CS025	DEEKSHA K	30	30	30	30	15	15	15	15	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	36.2	21.2	21.2	21.2	21.2	24.2
23	1SV19CS026	DHANUSH K	19	AB	AB	19	0	0	0	0	2	2	2	2	2	3	0.6	0.6	0.6	0.6	0.6	21.6	2.6	2.6	2.6	2.6	6.4
24	1SV19CS027	DISHAN M	29	29	30	29	15	14	15	15	2	2	2	2	2	30	6	6	6	6	6	37	23	22	23	23	25.6
25	1SV19CS028	DULARCHAND KALWA	AB	26	16	0	15	11	15	1	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	6.2	21.2	17.2	21.2	7.2	14.6
26	1SV19CS029	ESRA BANU	29	29	21	29	15	14	15	6	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	35.2	21.2	20.2	21.2	12.2	22
27	1SV19CS030	GAYITHRIDEVI K M	30	30	30	30	15	15	15	15	2	2	2	2	2	29	5.8	5.8	5.8	5.8	5.8	37.8	22.8	22.8	22.8	22.8	25.8
28	1SV19CS031	GOUDAR ROHIT RENU	29	29	19	29	15	14	15	4	2	2	2	2	2	9	1.8	1.8	1.8	1.8	1.8	32.8	18.8	17.8	18.8	7.8	19.2
29	1SV19CS032	H BARKATHULLA	29	30	30	29	15	15	15	15	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	36.4	22.4	22.4	22.4	22.4	25.2
30	1SV19CS033	HARISHA M R	27	26	25	27	15	11	15	10	2	2	2	2	2	26	5.2	5.2	5.2	5.2	5.2	34.2	22.2	18.2	22.2	17.2	22.8
31	1SV19CS034	HARSHITHA C	30	30	30	30	15	15	15	15	2	2	2	2	2	41	8.2	8.2	8.2	8.2	8.2	40.2	25.2	25.2	25.2	25.2	28.2
32	1SV19CS035	HEMANTH K R	28	29	29	28	15	14	15	14	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	34.2	21.2	20.2	21.2	20.2	23.4
33	1SV19CS036	J N SHREYAS	30	AB	25	30	0	0	15	10	2	2	2	2	2	14	2.8	2.8	2.8	2.8	2.8	34.8	4.8	4.8	19.8	14.8	15.8
34	1SV19CS037	MADIWALAR	28	26	25	28	15	11	15	10	2	2	2	2	2	32	6.4	6.4	6.4	6.4	6.4	36.4	23.4	19.4	23.4	18.4	24.2
35	1SV19CS038	KALPANA M N	29	29	24	29	15	14	15	9	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	35.2	21.2	20.2	21.2	15.2	22.6
36	1SV19CS040	LAVANYA T S	29	30	30	29	15	15	15	15	2	2	2	2	2	48	9.6	9.6	9.6	9.6	9.6	40.6	26.6	26.6	26.6	26.6	29.4
37	1SV19CS041	MADHAVA REDDY M	29	30	24	29	15	15	15	9	2	2	2	2	2	15	3	3	3	3	3	34	20	20	20	14	21.6
38	1SV19CS042	MAHALAKSHMI H	28	29	23	28	15	14	15	8	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	34.2	21.2	20.2	21.2	14.2	22.2
39	1SV19CS043	MONIKA P	29	29	26	29	15	14	15	11	2	2	2	2	2	15	3	3	3	3	3	34	20	19	20	16	21.8
40	1SV19CS044	MONISHA P	29	30	24	29	15	14	15	9	2	2	2	2	2	8	1.6	1.6	1.6	1.6	1.6	32.6	18.6	17.6	18.6	12.6	20
41	1SV19CS045	NAGAKRUPA D R	30	30	30	30	15	15	15	15	2	2	2	2	2	36	7.2	7.2	7.2	7.2	7.2	39.2	24.2	24.2	24.2	24.2	27.2
42	1SV19CS046	NANDAN KUMAR M	26	29	21	26	15	14	15	6	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	32.2	21.2	20.2	21.2	12.2	21.4

43	1SV19CS047	NANDINI A	28	29	30	28	15	14	15	15	2	2	2	2	2	30	6	6	6	6	6	36	23	22	23	23	25.4
44	1SV19CS048	NAYANA H S	28	29	27	28	15	14	15	12	2	2	2	2	2	14	2.8	2.8	2.8	2.8	2.8	32.8	19.8	18.8	19.8	16.8	21.6
45	1SV19CS050	NIKKI KISHORE	30	30	30	30	15	15	15	15	2	2	2	2	2	23	4.6	4.6	4.6	4.6	4.6	36.6	21.6	21.6	21.6	21.6	24.6
46	1SV19CS051	NOOR JAHAN	AB	AB	25	0	0	0	15	10	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	6.2	6.2	6.2	21.2	16.2	11.2
47	1SV19CS052	PRAMOD R	29	29	19	29	15	14	15	14	2	2	2	2	2	26	5.2	5.2	5.2	5.2	5.2	36.2	22.2	21.2	22.2	21.2	24.6
48	1SV19CS053	PRIYA R ACHARYA	29	30	30	29	15	15	15	15	2	2	2	2	2	30	6	6	6	6	6	37	23	23	23	23	25.8
49	1SV19CS054	RAHUL S	26	26	20	26	15	11	10	10	2	2	2	2	2	14	2.8	2.8	2.8	2.8	2.8	30.8	19.8	15.8	14.8	14.8	19.2
50	1SV19CS056	RAKSHITH B R	27	29	30	27	15	14	15	15	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	33.2	21.2	20.2	21.2	21.2	23.4
51	1SV19CS057	RAVINDRA H V	28	29	30	28	15	14	15	15	2	2	2	2	2	36	7.2	7.2	7.2	7.2	7.2	37.2	24.2	23.2	24.2	24.2	26.6
52	1SV19CS058	S ANKITHA	29	27	30	29	15	12	15	15	2	2	2	2	2	36	7.2	7.2	7.2	7.2	7.2	38.2	24.2	21.2	24.2	24.2	26.4
53	1SV19CS059	SAHANA B R	28	29	14	28	15	14	7	7	2	2	2	2	2	14	2.8	2.8	2.8	2.8	2.8	32.8	19.8	18.8	11.8	11.8	19
54	1SV19CS060	SHARANAPPA	28	27	24	28	15	12	15	9	2	2	2	2	2	22	4.4	4.4	4.4	4.4	4.4	34.4	21.4	18.4	21.4	15.4	22.2
55	1SV19CS061	SAI KISHAN M R	29	27	30	29	15	12	15	15	2	2	2	2	2	22	4.4	4.4	4.4	4.4	4.4	35.4	21.4	18.4	21.4	21.4	23.6
56	1SV19CS062	SANIHA C	28	29	22	28	15	14	15	7	2	2	2	2	2	11	2.2	2.2	2.2	2.2	2.2	32.2	19.2	18.2	19.2	11.2	20
57	1SV19CS063	SANTHOSH C	28	29	26	28	15	14	15	11	2	2	2	2	2	43	8.6	8.6	8.6	8.6	8.6	38.6	25.6	24.6	25.6	21.6	27.2
58	1SV19CS064	SATYAM KUMAR CHA	27	29	27	27	15	14	15	12	2	2	2	2	2	32	6.4	6.4	6.4	6.4	6.4	35.4	23.4	22.4	23.4	20.4	25
59	1SV19CS065	SHAFIYA KHANUM	29	29	30	29	15	14	15	15	2	2	2	2	2	35	7	7	7	7	7	38	24	23	24	24	26.6
60	1SV19CS066	SHAH HUSSAIN AHAM	29	29	30	29	15	14	15	15	2	2	2	2	2	40	8	8	8	8	8	39	25	24	25	25	27.6
																						33.72	20.27	19.32	20.56	17.29	
																						76.6	**69.9**	**66.6**	**70.9**	**59.6**	

Department of Computer Science and Engineering

COURSE OUTCOME

CO1. Design and analyze application of analog circuits using photo devices, timer IC, power supplyregulator IC, and op-amp and explain the basic principles of A/D and D/A conversion circuits

CO2. Simplify digital circuits using Karnaugh Map, and Quine-McCluskyMethods

CO3. Explain Gates and flip flops and make use in designing different data processing circuits, registers and counters and compare the types.

CO4. Explain Gates and flip flops and make us in designing different data processing circuits, registers and counters and compare the types.

CO5. Develop simple HDL programs

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.

PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.

PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.

PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities.

PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.

PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.

PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.

PO12 Life-long learning: recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mrs. SOWMYA M S				
BRANCH	CSE	ACADEMIC YEAR	2020-21		
COURSE	B.E	SEMESTER	III	SECTION	B
SUBJECT	Analog and Digital Electronics	SUBJECT CODE	18CS33		

CO-PO-PSO Mapping

COs	Pos												PSOs		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
CO1	2	2	2										3		
CO2	2	2	2										3		
CO3	2	2	2										3		
CO4	2	2		2									3	1	
CO5	3	2		1									3	1	
Average	2.2	2	2	1.5									3	1	

CO AND PO ATTAINMENT

ATTAINMENT TABLE

COs	AVG	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	72.2	1.44	1.44	1.44										2.16		
CO2	62.8	1.25	1.25	1.25										1.88		
CO3	62.7	1.25	1.25	1.25										1.88		
CO4	70.2	1.40	1.40		1.40									2.10	0.70	
CO5	58.7	1.76	1.17		0.58									1.76	0.58	
AVERAGE		1.42	1.30	1.31	0.99									1.95	0.64	

STAFF INCHARGE

HOD,
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.

PRINCIPAL
SIET., TUMAKURU.

18CS33 SEM: 3 'B' Subject: Analog & Digital Electronics Ms Sowmya S

Roll No.	USN	Name	IA			T1	T2		T3	T3	ASSIGNMENT 10/5						SEE Marks					Final					TOTAL AVG
			T1	T2	T3	CO1-30	CO2-15	CO3-15	CO4-15	CO5-15	CO1-2	CO2-2	CO3-2	CO4-2	CO5-2	SEE	CO1-12	CO2-12	CO3-12	CO4-12	CO5-12	CO1-44	CO2-29	CO3-29	CO4-29	CO5-29	
1	1SV19CS067	SHWET KUMAR	30	30	26	30	15	15	15	11	2	2	2	2	2	17	3.4	3.4	3.4	3.4	3.4	35.4	20.4	20.4	20.4	16.4	22.6
2	1SV19CS068	SIDDALINGAIAH N	0	AB	6	0	0	0	3	3	2	2	2	2	2	8	1.6	1.6	1.6	1.6	1.6	3.6	3.6	3.6	6.6	6.6	4.8
3	1SV19CS069	SIDDESHYADAV G	30	30	28	30	15	15	15	13	2	2	2	2	2	35	7	7	7	7	7	39	24	24	24	22	26.6
4	1SV19CS070	SIKAS S K	30	29	29	30	15	14	15	14	2	2	2	2	2	22	4.4	4.4	4.4	4.4	4.4	36.4	21.4	20.4	21.4	20.4	24
5	1SV19CS071	SINCHANA B S	30	30	30	30	15	15	15	15	2	2	2	2	2	41	8.2	8.2	8.2	8.2	8.2	40.2	25.2	25.2	25.2	25.2	28.2
6	1SV19CS072	SRUJAN H K	30	30	30	30	15	15	15	15	2	2	2	2	2	45	9	9	9	9	9	41	26	26	26	26	29
7	1SV19CS073	SRUJAN S	AB	AB	30	0	0	0	15	15	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	6.2	6.2	6.2	21.2	21.2	12.2
8	1SV19CS074	SUCHITRA H C	30	30	17	30	15	15	15	2	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	36.2	21.2	21.2	21.2	8.2	21.6
9	1SV19CS075	SUDHANSHU KUM	AB	AB	30	0	0	0	15	15	2	2	2	2	2	15	3	3	3	3	3	5	5	5	20	20	11
10	1SV19CS076	SUHAS H B	30	30	30	30	15	15	15	15	2	2	2	2	2	13	2.6	2.6	2.6	2.6	2.6	34.6	19.6	19.6	19.6	19.6	22.6
11	1SV19CS077	SUPRIYA C S	30	30	28	30	15	15	15	13	2	2	2	2	2	37	7.4	7.4	7.4	7.4	7.4	39.4	24.4	24.4	24.4	22.4	27
12	1SV19CS079	TARUN R N	29	30	23	29	15	15	15	8	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	35.2	21.2	21.2	21.2	14.2	22.6
13	1SV19CS080	UTSHAV NEPAL	30	30	24	30	15	15	15	9	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	37.4	22.4	22.4	22.4	16.4	24.2
14	1SV19CS081	VARSHA N	30	30	29	30	15	15	15	14	2	2	2	2	2	43	8.6	8.6	8.6	8.6	8.6	40.6	25.6	25.6	25.6	24.6	28.4
15	1SV19CS082	VARSHINI J	30	30	30	30	15	15	15	15	2	2	2	2	2	18	3.6	3.6	3.6	3.6	3.6	35.6	20.6	20.6	20.6	20.6	23.6
16	1SV19CS083	Y S YASWANTH S/	29	30	30	29	15	15	15	15	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	36.4	22.4	22.4	22.4	22.4	25.2
17	1SV19CS084	YASHAS G	AB	30	23	0	15	15	15	8	2	2	2	2	2	16	3.2	3.2	3.2	3.2	3.2	5.2	20.2	20.2	20.2	13.2	15.8
18	1SV19CS085	YATHISH GOWDA	30	30	29	30	15	15	15	14	2	2	2	2	2	7	1.4	1.4	1.4	1.4	1.4	33.4	18.4	18.4	18.4	17.4	21.2
19	1SV19CS086	ZAKAUR RAHMAN	30	30	27	30	15	15	15	12	2	2	2	2	2	37	7.4	7.4	7.4	7.4	7.4	39.4	24.4	24.4	24.4	21.4	26.8
20	1SV18CS002	AISHWARYA S	29	30	14	29	15	15	7	7	2	2	2	2	2	11	2.2	2.2	2.2	2.2	2.2	33.2	19.2	19.2	11.2	11.2	18.8
21	1SV18CS006	BHARATH KUMAR	30	30	30	30	15	15	15	15	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	36.2	21.2	21.2	21.2	21.2	24.2
22	1SV18CS009	DEEKSHITH R	29	30	25	29	15	15	15	10	2	2	2	2	2	32	6.4	6.4	6.4	6.4	6.4	37.4	23.4	23.4	23.4	18.4	25.2
23	1SV18CS012	DIVYA DEEKSHITI	29	30	29	29	15	15	15	14	2	2	2	2	2	36	7.2	7.2	7.2	7.2	7.2	38.2	24.2	24.2	24.2	23.2	26.8
24	1SV18CS018	GURUPRASAD B S	29	30	24	29	15	15	15	9	2	2	2	2	2	2	0.4	0.4	0.4	0.4	0.4	31.4	17.4	17.4	17.4	11.4	19
25	1SV18CS034	RAKSHITHA RANG	29	AB	18	29	0	0	15	3	2	2	2	2	2	14	2.8	2.8	2.8	2.8	2.8	33.8	4.8	4.8	19.8	7.8	14.2
26	1SV18CS035	SANDEEP H	29	30	18	29	15	15	15	3	2	2	2	2	2	15	3	3	3	3	3	34	20	20	20	8	20.4
27	1SV18CS047	YASHVANTHKUM	29	AB	20	29	0	0	15	5	2	2	2	2	2	12	2.4	2.4	2.4	2.4	2.4	33.4	4.4	4.4	19.4	9.4	14.2
28	1SV19CS090	RAJAN KUMAR PA	29	AB	10	29	0	0	5	5	2	2	2	2	2	6	1.2	1.2	1.2	1.2	1.2	32.2	3.2	3.2	8.2	8.2	11
																						31.8	18.2	18.2	20.4	17.0	
																						72.2	**62.8**	**62.7**	**70.2**	**58.7**	

Sri Shridevi Charitable Trust (R.)
SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY
Sira Road, Tumkur - 572 106, Karnataka, India.
Phone: 0816 - 2212629 | Principal: 0816 - 2212627, 9686114899 | Telefax: 0816 - 2212628
Email: info@shrideviengineering.org, principal@shrideviengineering.org | Website: www.shridevengineering.org
(Approved by AICTE, New Delhi, Recognised by Govt. of Karnataka and Affiliated to Visvesvaraya Technological University, Belagavi)

Department of Computer Science and Engineering

2020-2021

COURSE OUTCOMES **Subject: Computer Organization** **Subject Code: 18CS34**

CO1. Explain the basic organization of a computer system.
CO2. Demonstrate functioning of different sub systems, such as processor, Input/output, and memory.
CO3. Illustrate hardwired control and micro programmed control, pipelining, embedded and other computing systems.
CO4. Design and analyze simple arithmetic and logical units.

PROGRAM OUTCOMES

PO1. Engineering knowledge: An ability to apply knowledge of mathematics (including probability, Statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.
PO2. Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems Reaching substantiated conclusions using first principles of mathematics, natural sciences, and Engineering sciences.
PO3. Design / development of solutions: An ability to design solution for engineering problems and design System components or process to meet desired specifications and needs.
PO4. Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, Design synthesis of the information to solve complex engineering problems and provide valid Conclusions.
PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern Engineering and IT tools, including prediction and modelling to complex engineering activities.
PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, Health, safety, legal, and cultural issues.
PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in Societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable Development.
PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of The engineering practice.
PO.9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse Teams, and in multidisciplinary settings.
PO10. Communication: Communicate effectively on complex engineering activities with the engineering Community and with the society.
PO11. Project management and finance: An ability to use the modern engineering tools, techniques, skills And management principles to do work as a member and leader in a team, to manage projects in Multidisciplinary environments.
PO12. Life-long learning: recognition of the need for, and an ability to engage in, to resolve Contemporary issues and acquire lifelong learning.

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(Approved by AICTE, New Delhi, Recognised by Govt. of Karnataka and Affiliated to Visvesvaraya Technological University, Belagavi)

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr. CHETHAN M S				
BRANCH	CSE		ACADEMIC YEAR	2020-2021	
COURSE	B.E	SEMESTER	III	SECTION	B
SUBJECT	COMPUTER ORGANIZATION		SUBJECT CODE	18CS34	

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	2	-	2	-	-	-	-	-	-	-	2	-	-	-
CO2	3	3	2	-	-	-	-	-	-	-	-	2	-	-	2
CO3	3	2	-	2	-	-	-	-	-	-	-	2	2	-	2
CO4	3	3	3	2	-	-	-	-	-	-	-	2	2	-	2
AVG	3	2.5	1.2	1.5	-	-	-	-	-	-	-	2.0	1.0	-	1.5
OVERALL MAPPING OF SUBJECT												1.81			

CO AND PO ATTAINMENT

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	66.17	1.98	1.32	-	1.32	-	-	-	-	-	-	-	1.32	-	-	-
CO2	54.05	1.62	1.62	1.08	-	-	-	-	-	-	-	-	1.08	-	-	1.08
CO3	52.46	1.57	1.04	-	1.04	-	-	-	-	-	-	-	1.04	1.04	-	1.04
CO4	62.10	1.86	1.86	1.86	1.24	-	-	-	-	-	-	-	1.24	1.24	-	1.24
AVERAGE	58.69	1.75	1.46	1.47	1.2	-	-	-	-	-	-	-	1.17	1.14	-	1.12
FINAL ATTAINMENT LEVEL													1.33			

STAFF INCHARGE

HOD
COMPUTER SCIENCE ENGG.,
SIET, TUMAKURU-56.

PRINCIPAL
SIET., TUMAKURU

Department of Computer Science and Engineering

COURSE INSTRUCTOR: Prof. CHETHAN M S			COURSE CODE:18CS34		COURSE: COMPUTER ORGANIZATION					SEM: III SEM B Section	2020-2021 ODD SEM						CSE				
						T1	T2		T3	ASSIGNMENT=10				SEE=60M				FINAL				SEE
Sl. No.	USN	Name	T1=30	T2=30	T3=30	CO1=30	CO2=15	CO3=15	CO4=30	CO1=2.5	CO2=2.5	CO3=2.5	CO4=2.5	CO1=15	CO2=15	CO3=15	CO4=15	CO1=47.5	CO2=32.5	CO3=32.5	CO4=47.5	
1	1SV19CS067	SHWET KUMAR	23	17	20	23	9	8	20	2.5	2.5	2.5	2.5	6.5	6.5	6.5	6.5	32	18	17	29.0	26
2	1SV19CS068	SIDDALINGAIAH N M	15	AB	16	15	0	0	16	2.5	2.5	2.5	2.5	5.25	5.25	5.25	5.25	22.75	7.75	7.75	23.8	21
3	1SV19CS069	SIDDESHYADAV G S	23	17	19	23	9	8	19	2.5	2.5	2.5	2.5	6.75	6.75	6.75	6.75	32.25	18.25	17.25	28.3	27
4	1SV19CS070	SIKAS S K	23	26	22	23	13	13	22	2.5	2.5	2.5	2.5	7	7	7	7	32.5	22.5	22.5	31.5	28
5	1SV19CS071	SINCHANA B S	25	26	22	25	13	13	22	2.5	2.5	2.5	2.5	6.25	6.25	6.25	6.25	33.75	21.75	21.75	30.8	25
6	1SV19CS072	SRUJAN H K	24	17	20	24	9	8	20	2.5	2.5	2.5	2.5	7.5	7.5	7.5	7.5	34	19	18	30.0	30
7	1SV19CS074	SUCHITRA H C	25	20	20	25	10	10	20	2.5	2.5	2.5	2.5	0	0	0	0	27.5	12.5	12.5	22.5	
8	1SV19CS076	SUHAS H B	25	20	22	25	10	10	22	2.5	2.5	2.5	2.5	7.25	7.25	7.25	7.25	34.75	19.75	19.75	31.8	29
9	1SV19CS077	SUPRIYA C S	24	24	18	24	12	12	18	2.5	2.5	2.5	2.5	5.25	5.25	5.25	5.25	31.75	19.75	19.75	25.8	21
10	1SV19CS079	TARUN R N	14	5	17	14	3	2	17	2	2	2	2	2	2	2	2	18	7	6	21.0	8
11	1SV19CS080	UTSHAV NEPAL	26	20	23	26	10	10	23	2.5	2.5	2.5	2.5	4.25	4.25	4.25	4.25	32.75	16.75	16.75	29.8	17
12	1SV19CS081	VARSHA N	23	16	21	23	8	8	21	2.5	2.5	2.5	2.5	5.75	5.75	5.75	5.75	31.25	16.25	16.25	29.3	23
13	1SV19CS082	VARSHINI J	26	24	30	26	12	12	30	2.5	2.5	2.5	2.5	7.5	7.5	7.5	7.5	36	22	22	40.0	30
14	1SV19CS083	Y S YASWANTH SAI	26	19	28	26	10	9	28	2.5	2.5	2.5	2.5	6.5	6.5	6.5	6.5	35	19	18	37.0	26
15	1SV19CS084	YASHAS G	15	AB	27	15	0	0	27	2.5	2.5	2.5	2.5	8	8	8	8	25.5	10.5	10.5	37.5	32
16	1SV19CS085	YATHISH GOWDA K H	23	25	20	23	13	12	20	2.5	2.5	2.5	2.5	7.25	7.25	7.25	7.25	32.75	22.75	21.75	29.8	29
17	1SV19CS086	ZAKAUR RAHMAN	30	26	16	30	13	13	16	2.5	2.5	2.5	2.5	6	6	6	6	38.5	21.5	21.5	24.5	24
18	1SV18CS002	AISHWARYA S	19	11	17	19	6	5	17	1	1	1	1	4.25	4.25	4.25	4.25	24.25	11.25	10.25	22.3	17
19	1SV18CS006	BHARATH KUMAR J	26	23	29	26	12	11	29	2.5	2.5	2.5	2.5	8.25	8.25	8.25	8.25	36.75	22.75	21.75	39.8	33
20	1SV18CS009	DEEKSHITH R	26	25	21	26	13	12	21	2.5	2.5	2.5	2.5	5	5	5	5	33.5	20.5	19.5	28.5	20
21	1SV18CS012	DIVYA DEEKSHITH S	30	25	26	30	13	12	26	2.5	2.5	2.5	2.5	5	5	5	5	37.5	20.5	19.5	33.5	20
22	1SV18CS018	GURUPRASAD B S	23	24	19	23	12	12	19	2.5	2.5	2.5	2.5	6.5	6.5	6.5	6.5	32	21	21	28.0	26
23	1SV18CS034	RAKSHITHA RANGANATH	30	14	26	30	7	7	26	2.5	2.5	2.5	2.5	5.25	5.25	5.25	5.25	37.75	14.75	14.75	33.8	21
24	1SV18CS035	SANDEEP H	30	11	17	30	6	5	17	1.25	1.25	1.25	1.25	0	0	0	0	31.25	7.25	6.25	18.3	0
25	1SV18CS047	YASHVANTHKUMAR P	26	23	20	26	12	11	20	1.25	1.25	1.25	1.25	6.5	6.5	6.5	6.5	33.75	19.75	18.75	27.8	26
26	Lateral Entry	HEMA M S	30	24	22	30	12	12	22	2.5	2.5	2.5	2.5	4.75	4.75	4.75	4.75	37.25	19.25	19.25	29.3	19
27	Lateral Entry	SWATHI K M	30	23	18	30	12	11	18	2.5	2.5	2.5	2.5	3	3	3	3	35.5	17.5	16.5	23.5	12
28	1CG18IS057	YASHASWINI	24	21	27	24	11	10	27	2.5	2.5	2.5	2.5	5.5	5.5	5.5	5.5	32	19	18	35.0	22
29	1SV19CS090	RAJAN KUMAR PATEL	AB	23	25	0	12	11	25	2.5	2.5	2.5	2.5	6.5	6.5	6.5	6.5	9	21	20	34.0	26
		TOTAL																				
		Total number of students	29	29	29	29	29	29	29	29	29	29	29				AVG	31.431034	17.56897	17.05172	29.5	
																	%	66.170599	54.05836	52.46684	62.105263	

CHETHAN M S

HOD,
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.

Department of Computer Science and Engineering

COURSE OUTCOME

CO1. Design a software system, components, or process to meet desired needswithin realistic constraints.
CO2. Assess professional and ethical responsibility
CO3. Function on multi-disciplinary teams
CO4. Use the techniques, skills and modern engineering tools necessary for engineering practice
CO5. Analyze, design, implement, verify, validate, implement, apply andmaintain software systems or parts of software systems

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.
PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.
PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.
PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities.
PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.
PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.
PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.
PO12 Life-long learning: recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr. KUMAR H R / Charan. K.V				
BRANCH	CSE	ACADEMIC YEAR	2020-21		
COURSE	B.E	SEMESTER	III	SECTION	B
SUBJECT	SOFTWARE ENGINEERING	SUBJECT CODE	18CS35		

CO-PO-PSO Mapping

COs	Pos												PSOs		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
CO1	2		2		2	2							2	2	
CO2								3							1
CO3									2	2			1		1
CO4	2	2			2								2	2	
CO5			3	2	2		2				2	2			3
Average	2	2	2.5	2	2	2	2	3	2	2	2	2	1.3	2	1.3

CO AND PO ATTAINMENT

ATTAINMENT TABLE

COs	AVG	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	73.1	1.46		1.46		1.46	1.46							1.46	1.46	
CO2	59.3								1.77							0.59
CO3	59.5									1.19	1.19			0.59		0.59
CO4	57.6	1.15	1.15			1.15								1.15	1.15	
CO5	57.2			1.71	1.14	1.14		1.14				1.14	1.14			1.71
AVERAGE		1.30	1.15	1.58	1.14	1.25	1.46	1.14	1.77	1.19	1.19	1.14	1.14	1.06	1.30	0.96

Kumar H R
STAFF INCHARGE

COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.

PRINCIPAL
SIET., TUMAKURU.

18CS35 SEM:3 'B' Subject: Software Engineering Mr Kumar H R

Roll No.	USN	Name	IA			T1	T2		T3	T3	ASSIGNMENT 10/5						SEE MARKS					FINAL					TOTAL AVE
			T1	T2	T3	CO1-30	CO2-15	CO3-15	CO4-15	CO5-15	CO1	CO2	CO3	CO4	CO5	SEE (60)	CO1-12	CO2-12	CO3-12	CO4-12	CO5-12	CO1-44	CO2-29	CO3-29	CO4-29	CO5-29	
1	1SV19CS009	MD. ASIF HUSSAIN	22	AB	24	22	0	0	12	12	2	2	2	2	2	15	3	3	3	3	3	27	5	5	17	17	14.2
2	1SV19CS067	SHWET KUMAR	29	29	26	29	15	14	13	13	2	2	2	2	2	23	4.6	4.6	4.6	4.6	4.6	35.6	21.6	20.6	19.6	19.6	23.4
3	1SV19CS068	SIDDALINGAIAH N	26	AB	6	26	0	0	3	3	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	32.2	6.2	6.2	9.2	9.2	12.6
4	1SV19CS069	SIDDESHYADAV G	29	28	28	29	14	14	14	14	2	2	2	2	2	17	3.4	3.4	3.4	3.4	3.4	34.4	19.4	19.4	19.4	19.4	22.4
5	1SV19CS070	SIKAS S K	30	29	29	30	15	14	15	14	2	2	2	2	2	35	7	7	7	7	7	39	24	23	24	23	26.6
6	1SV19CS071	SINCHANA B S	30	30	30	30	15	15	15	15	2	2	2	2	2	11	2.2	2.2	2.2	2.2	2.2	34.2	19.2	19.2	19.2	19.2	22.2
7	1SV19CS072	SRUJAN H K	30	27	30	30	13	14	15	15	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	37.4	20.4	21.4	22.4	22.4	24.8
8	1SV19CS073	SRUJAN S	30	AB	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0	6
9	1SV19CS074	SUCHITRA H C	30	29	17	30	14	15	14	13	2	2	2	2	2	0	0	0	0	0	0	32	16	17	16	15	19.2
10	1SV19CS075	SUDHANSHU KUMA	22	AB	AB	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	0	0	0	0	4.4
11	1SV19CS076	SUHAS H B	29	29	30	29	14	15	15	15	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	35.2	20.2	21.2	21.2	21.2	23.8
12	1SV19CS077	SUPRIYA C S	29	30	28	29	15	15	14	14	2	2	2	2	2	22	4.4	4.4	4.4	4.4	4.4	35.4	21.4	21.4	20.4	20.4	23.8
13	1SV19CS079	TARUN R N	25	27	23	25	13	14	10	11	2	2	2	2	2	13	2.6	2.6	2.6	2.6	2.6	29.6	17.6	18.6	14.6	15.6	19.2
14	1SV19CS080	UTSHAV NEPAL	29	30	24	29	15	15	12	12	2	2	2	2	2	28	5.6	5.6	5.6	5.6	5.6	36.6	22.6	22.6	19.6	19.6	24.2
15	1SV19CS081	VARSHA N	29	30	29	29	15	15	15	14	2	2	2	2	2	30	6	6	6	6	6	37	23	23	23	22	25.6
16	1SV19CS082	VARSHINI J	27	30	30	27	15	15	15	15	2	2	2	2	2	32	6.4	6.4	6.4	6.4	6.4	35.4	23.4	23.4	23.4	23.4	25.8
17	1SV19CS083	Y S YASWANTH SA	29	30	30	29	15	15	15	15	2	2	2	2	2	35	7	7	7	7	7	38	24	24	24	24	26.8
18	1SV19CS084	YASHAS G	AB	AB	23	0	0	0	11	12	2	2	2	2	2	24	4.8	4.8	4.8	4.8	4.8	6.8	6.8	6.8	17.8	18.8	11.4
19	1SV19CS085	YATHISH GOWDA K	28	29	29	28	14	15	15	14	2	2	2	2	2	22	4.4	4.4	4.4	4.4	4.4	34.4	20.4	21.4	21.4	20.4	23.6
20	1SV19CS086	ZAKAUR RAHMAN	28	29	27	28	15	14	14	13	2	2	2	2	2	24	4.8	4.8	4.8	4.8	4.8	34.8	21.8	20.8	20.8	19.8	23.6
21	1SV18CS002	AISHWARYA S	28	26	14	28	13	13	7	7	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	34.2	19.2	19.2	13.2	13.2	19.8
22	1SV18CS006	BHARATH KUMAR	25	28	30	25	14	14	15	15	2	2	2	2	2	33	6.6	6.6	6.6	6.6	6.6	33.6	22.6	22.6	23.6	23.6	25.2
23	1SV18CS009	DEEKSHITH R	27	27	25	27	14	13	12	13	2	2	2	2	2	0	0	0	0	0	0	29	16	15	14	15	17.8
24	1SV18CS012	DIVYA DEEKSHITH	27	27	29	27	13	14	15	14	2	2	2	2	2	19	3.8	3.8	3.8	3.8	3.8	32.8	18.8	19.8	20.8	19.8	22.4
25	1SV18CS018	GURUPRASAD B S	28	26	24	28	13	13	12	12	2	2	2	2	2	23	4.6	4.6	4.6	4.6	4.6	34.6	19.6	19.6	18.6	18.6	22.2
26	1SV18CS034	RAKSHITHA RANGA	27	26	18	27	13	13	9	9	2	2	2	2	2	23	4.6	4.6	4.6	4.6	4.6	33.6	19.6	19.6	15.6	15.6	20.8
27	1SV18CS035	SANDEEP H	26	25	0	26	13	12	0	0	2	2	2	2	2	0	0	0	0	0	0	28	15	14	2	2	12.2
28	1SV18CS047	YASHVANTHKUMA	27	27	20	27	13	14	10	10	2	2	2	2	2	0	0	0	0	0	0	29	15	16	12	12	16.8
29	1SV19CS090	RAJAN KUMAR PAT	25	27	10	25	14	13	5	5	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	31.2	20.2	19.2	11.2	11.2	18.6
																						32.2	17.2	17.2	16.7	16.6	
																					PER	73.1	59.3	59.5	57.6	57.2	

Department of Computer Science and Engineering

COURSE OUTCOME

CO1. Make use of propositional and predicate logic in knowledge representationand truth verification.
CO2. Demonstrate the application of discrete structures in different fields ofcomputer science.
CO3. Solve problems using recurrence relations and generating functions.
CO4. Apply different mathematical proofs, techniques in proving theorems.
CO5. Compare graphs, trees, and their applications.

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.
PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
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PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.
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PO12 Life-long learning: recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mrs. VEENA N D				
BRANCH	CSE	ACADEMIC YEAR	2020-21		
COURSE	B.E	SEMESTER	III	SECTION	B
SUBJECT	Discrete Mathematical Structures	SUBJECT CODE	18CS36		

CO-PO-PSO Mapping															
COs	Pos												PSOs		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
CO1	3	3	2										3		
CO2	3	3	2										3		
CO3	3	3	2										2		
CO4	3	3	2										2		
CO5	3	3	2										3		
Average	3	3	2										2.6		

CO AND PO ATTAINMENT

ATTAINMENT TABLE															
COs	AVG	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	70.8	2.12	2.12	1.41										2.12		
CO2	62.3	1.86	1.86	1.24										1.86		
CO3	57.3	1.71	1.71	1.14										1.14		
CO4	66.0	1.98	1.98	1.32										1.32		
CO5	55.8	1.67	1.67	1.11										1.67		
AVERAGE		1.86	1.86	1.24										1.62		

Veena N.D

STAFF INCHARGE

H.O.D.
COMPUTER SCIENCE & ENGG.
SIET, TUMAKURU-05.

PRINCIPAL
SIET, TUMAKURU

18CS36 SEM:3 'B' Subject: Discrete Mathematical ucture Mrs Veena N D

Roll No.	USN	Name	IA			T1	T2		T3	T3	ASSIGNMENT 10/5						SEE MARKS					Final					
			T1	T2	T3	CO1-30	CO2-15	CO3-15	CO4-15	CO5-15	CO1-2	CO2-2	CO3-2	CO4-2	CO 5-2	SEE(60)	CO1-12	CO2-12	CO3-12	CO4-12	CO5-12	CO1-44	CO2-29	CO3-29	CO4-29	CO5-29	TOTAL AVG
1	1SV19CS067	SHWET KUMAR	29	29	26	29	15	14	15	11	2	2	2	2	2	17	3.4	3.4	3.4	3.4	3.4	34.4	20.4	19.4	20.4	16.4	22.2
2	1SV19CS068	SIDDALINGAIAH	27	AB	AB	27	0	0	0	0	2	2	2	2	2	14	2.8	2.8	2.8	2.8	2.8	31.8	4.8	4.8	4.8	4.8	10.2
3	1SV19CS069	SIDDESHYADAV	29	29	29	29	15	14	15	14	2	2	2	2	2	13	2.6	2.6	2.6	2.6	2.6	33.6	19.6	18.6	19.6	18.6	22
4	1SV19CS070	SIKAS S K	30	29	30	30	15	14	15	15	2	2	2	2	2	30	6	6	6	6	6	38	23	22	23	23	25.8
5	1SV19CS071	SINCHANA B S	30	30	30	30	15	15	15	15	2	2	2	2	2	31	6.2	6.2	6.2	6.2	6.2	38.2	23.2	23.2	23.2	23.2	26.2
6	1SV19CS072	SRUJAN H K	30	AB	30	30	0	0	15	15	2	2	2	2	2	35	7	7	7	7	7	39	9	9	24	24	21
7	1SV19CS073	SRUJAN S	30	AB	AB	30	0	0	0	0	2	2	2	2	2	11	2.2	2.2	2.2	2.2	2.2	34.2	4.2	4.2	4.2	4.2	10.2
8	1SV19CS074	SUCHITRA H C	30	29	18	30	15	14	15	3	2	2	2	2	2	23	4.6	4.6	4.6	4.6	4.6	36.6	21.6	20.6	21.6	9.6	22
9	1SV19CS075	SUDHANSHU KU	19	AB	AB	19	0	0	0	0	2	2	2	2	2	13	2.6	2.6	2.6	2.6	2.6	23.6	4.6	4.6	4.6	4.6	8.4
10	1SV19CS076	SUHAS H B	29	29	30	29	14	14	15	15	2	2	2	2	2	10	2	2	2	2	2	33	18	18	19	19	21.4
11	1SV19CS077	SUPRIYA C S	29	30	18	29	15	15	15	3	2	2	2	2	2	39	7.8	7.8	7.8	7.8	7.8	38.8	24.8	24.8	24.8	12.8	25.2
12	1SV19CS079	TARUN R N	23	27	28	23	15	12	15	13	2	2	2	2	2	17	3.4	3.4	3.4	3.4	3.4	28.4	20.4	17.4	20.4	18.4	21
13	1SV19CS080	UTSHAV NEPAL	30	30	30	30	15	15	15	15	2	2	2	2	2	44	8.8	8.8	8.8	8.8	8.8	40.8	25.8	25.8	25.8	25.8	28.8
14	1SV19CS081	VARSHA N	29	30	28	29	15	15	15	13	2	2	2	2	2	48	9.6	9.6	9.6	9.6	9.6	40.6	26.6	26.6	26.6	24.6	29
15	1SV19CS082	VARSHINI J	28	30	30	28	15	15	15	18	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	34.2	21.2	21.2	21.2	24.2	24.4
16	1SV19CS083	Y S YASWANTH	29	29	28	29	15	14	15	13	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	36.4	22.4	21.4	22.4	20.4	24.6
17	1SV19CS084	YASHAS G	AB	AB	26	0	0	0	15	11	2	2	2	2	2	41	8.2	8.2	8.2	8.2	8.2	10.2	10.2	10.2	25.2	21.2	15.4
18	1SV19CS085	YATHISH GOWD	27	29	30	27	15	14	15	15	2	2	2	2	2	5	1	1	1	1	1	30	18	17	18	18	20.2
19	1SV19CS086	ZAKAUR RAHM	28	29	18	28	15	14	15	3	2	2	2	2	2	38	7.6	7.6	7.6	7.6	7.6	37.6	24.6	23.6	24.6	12.6	24.6
20	1SV18CS002	AISHWARYA S	28	26	30	28	15	11	15	15	2	2	2	2	2	5	1	1	1	1	1	31	18	14	18	18	19.8
21	1SV18CS006	BHARATH KUM	AB	27	15	0	15	12	7	8	2	2	2	2	2	14	2.8	2.8	2.8	2.8	2.8	4.8	19.8	16.8	11.8	12.8	13.2
22	1SV18CS009	DEEKSHITH R	28	26	20	28	15	11	15	5	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	34.2	21.2	17.2	21.2	11.2	21
23	1SV18CS012	DIVYA DEEKSHI	28	27	27	28	15	12	15	12	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	35.4	22.4	19.4	22.4	19.4	23.8
24	1SV18CS018	GURUPRASAD B	26	26	27	26	15	11	15	12	2	2	2	2	2	12	2.4	2.4	2.4	2.4	2.4	30.4	19.4	15.4	19.4	16.4	20.2
25	1SV18CS034	RAKSHITHA RA	28	26	27	28	15	11	15	12	2	2	2	2	2	12	2.4	2.4	2.4	2.4	2.4	32.4	19.4	15.4	19.4	16.4	20.6
26	1SV18CS035	SANDEEP H	25	24	26	25	15	9	15	11	2	2	2	2	2	10	2	2	2	2	2	29	19	13	19	15	19
27	1SV18CS047	YASHVANTHKU	26	27	16	26	15	12	15	1	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	32.2	21.2	18.2	21.2	7.2	20
28	1SV19CS090	RAJAN KUMAR	AB	AB	15	0	0	0	7	8	2	2	2	2	2	7	1.4	1.4	1.4	1.4	1.4	3.4	3.4	3.4	10.4	11.4	6.4
																						31.15	18.08	16.61	19.15	16.19	
																						70.8	**62.3**	**57.3**	**66.0**	**55.8**	

Sri Shridevi Charitable Trust (R.)
SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY
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Email: info@shridevieengineering.org, principal@shridevienglneering.org | Website: www.shridevienglneering.org
(Approved by AICTE, New Delhi, Recognised by Govt. of Karnataka and Affiliated to Visvesvaraya Technological University, Belagavi)

ESTD: 2002

Department of Computer Science and Engineering

2020-2021

COURSE OUTCOMES

Subject: Management and Entrepreneurship for IT Industry
Subject Code: 18CS51

CO1. Define management, organization, entrepreneur, planning, staffing, ERP and outline their importance in entrepreneurship
CO2. Utilize the resources available effectively through ERP.
CO3. Make use of IPRs and institutional support in entrepreneurship

PROGRAM OUTCOMES

PO1. Engineering knowledge: An ability to apply knowledge of mathematics (including probability, Statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.
PO2. Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems Reaching substantiated conclusions using first principles of mathematics, natural sciences, and Engineering sciences.
PO3. Design / development of solutions: An ability to design solution for engineering problems and design System components or process to meet desired specifications and needs.
PO4. Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, Design synthesis of the information to solve complex engineering problems and provide valid Conclusions.
PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern Engineering and IT tools, including prediction and modelling to complex engineering activities.
PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, Health, safety, legal, and cultural issues.
PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in Societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable Development.
PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of The engineering practice.
PO.9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse Teams, and in multidisciplinary settings.
PO10. Communication: Communicate effectively on complex engineering activities with the engineering Community and with the society.
PO11. Project management and finance: An ability to use the modern engineering tools, techniques, skills And management principles to do work as a member and leader in a team, to manage projects in Multidisciplinary environments.
PO12. Life-long learning: recognition of the need for, and an ability to engage in, to resolve Contemporary issues and acquire lifelong learning.

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(Approved by AICTE, New Delhi, Recognised by Govt. of Karnataka and Affiliated to Visvesvaraya Technological University, Belagavi)
ESTD: 2002
20 YEARS Academic Excellence

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr. CHETHAN M S				
BRANCH	CSE	ACADEMIC YEAR		2020-2021	
COURSE	B.E	SEMESTER	V	SECTION	A
SUBJECT	MANAGEMENT AND ENTREPRENEURSHIP FOR IT INDUSTRY		SUBJECT CODE	18CS51	

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	-	-	-	-	1	-	1	2	2	2	2	2	-	-
CO2	3	2	-	-	1	1	-	1	2	2	2	2	2	-	2
CO3	3	2	2	-	1	1	-	1	2	2	2	2	2	2	2
AVG	3.0	1.3	0.6	-	0.6	1.0	-	1.0	2.0	2.0	2.0	2.0	2.0	0.6	1.3
OVERALL MAPPING OF SUBJECT												1.49			

CO AND PO ATTAINMENT

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	67.84	2.03	-	-	-	-	0.67	-	0.67	1.35	1.35	1.35	1.35	1.35	-	-
CO2	61.53	1.84	1.23	-	-	0.61	0.61	-	0.61	1.23	1.23	1.23	1.23	1.23	-	1.23
CO3	62.58	1.87	1.25	1.25	-	0.62	0.62	-	0.62	1.25	1.25	1.25	1.25	1.25	1.25	1.25
AVERAGE	63.93	1.91	1.24	1.25	-	0.61	0.63	-	0.63	1.27	1.27	1.27	1.27	1.27	1.25	1.24
FINAL ATTAINMENT LEVEL													1.16			

STAFF INCHARGE

HOD.
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.

PRINCIPAL
SIET., TUMAKURU.

Department of Computer Science and Engineering

COURSE INSTRUCTOR: Prof. CHETHAN M S			COURSE CODE:18CS51		COURSE: : Management and Entrepreneurship for IT Industry				SEM: V SEM		2020-2021 ODD SEM				CSE			
									ASSIGNMENT=10			SEE - 60M			FINAL			SEE
Roll No.	USN	Name	T1-30	T2-30	T3-30	T1 CO1-30	T2 CO2-30	T3 CO3-30	CO1-33	CO2-33	CO3-33	CO1-20	CO2-20	CO3-20	CO1-53.3	CO2-53.3	CO3-53.3	
1	1SV17CS011	CHAITRA M S	24	22	24	24	22	24	3.3	3.3	3.3	10.3	10.3	10.3	37.6	35.6	37.6	31
2	1SV17CS015	GAGANASHREE T U	23	19	25	23	19	25	3.3	3.3	3.3	7.7	7.7	7.7	34.0	30.0	36.0	23
3	1SV17CS018	JUNAID ULLA KHAN	21	24	24	21	24	24	3.3	3.3	3.3	9.0	9.0	9.0	33.3	36.3	36.3	27
4	1SV17CS024	MANASA V	22	23	23	22	23	23	3.3	3.3	3.3	7.7	7.7	7.7	33.0	34.0	34.0	23
5	1SV17CS027	NAVYA S	23	20	15	23	20	15	3.3	3.3	3.3	6.0	6.0	6.0	32.3	29.3	24.3	18
6	1SV17CS034	RAGHU RAM GK	19	14	17	19	14	17	2.3	2.3	2.3	9.7	9.7	9.7	31.0	26.0	29.0	29
7	1SV18CS001	ABDULLAH	24	23	10	24	23	10	3.3	3.3	3.3	11.3	11.3	11.3	38.6	37.6	24.6	34
8	1SV18CS003	AMULYA J M	25	23	23	25	23	23	3.3	3.3	3.3	8.0	8.0	8.0	36.3	34.3	34.3	24
9	1SV18CS004	AYUSH RANJAN TIWARI	25	22	10	25	22	10	3.3	3.3	3.3	7.0	7.0	7.0	35.3	32.3	20.3	21
10	1SV18CS005	BASAVARAJA	27	14	21	27	14	21	3.3	3.3	3.3	12.3	12.3	12.3	42.6	29.6	36.6	37
11	1SV18CS007	BHAVYA H P	28	26	28	28	26	28	3.3	3.3	3.3	6.0	6.0	6.0	37.3	35.3	37.3	18
12	1SV18CS008	CHANDRASHEKARA T	26	26	14	26	26	14	3.3	3.3	3.3	10.7	10.7	10.7	40.0	40.0	28.0	32
13	1SV18CS011	DHARMANA HARIKA	26	27	20	26	27	20	3.3	3.3	3.3	11.0	11.0	11.0	40.3	41.3	34.3	33
14	1SV18CS014	ENCHARA M	26	23	24	26	23	24	3.3	3.3	3.3	11.3	11.3	11.3	40.6	37.6	38.6	34
15	1SV18CS015	GAGANA N	AB	21	12	0	21	12	3.3	3.3	3.3	9.0	9.0	9.0	12.3	33.3	24.3	27
16	1SV18CS017	GANYA KUMAR G R	25	18	20	25	18	20	3.3	3.3	3.3	12.7	12.7	12.7	41.0	34.0	36.0	38
17	1SV18CS019	HADA AMAL KHAN	25	24	26	25	24	26	3.3	3.3	3.3	10.7	10.7	10.7	39.0	38.0	40.0	32
18	1SV18CS021	KEERTHIPRASAD B K	29	23	30	29	23	30	3.3	3.3	3.3	14.7	14.7	14.7	47.0	41.0	48.0	44
19	1SV18CS022	KUSHAL KUMAR D	23	17	18	23	17	18	1.6	1.6	1.6	8.0	8.0	8.0	32.6	26.6	27.6	24
20	1SV18CS023	LAVANYA T A	29	23	20	29	23	20	3.3	3.3	3.3	8.3	8.3	8.3	40.6	34.6	31.6	25
21	1SV18CS024	LISHA SHREE NAYAKA S	29	21	30	29	21	30	3.3	3.3	3.3	8.7	8.7	8.7	41.0	33.0	42.0	26
22	1SV18CS025	MANORANJAN P M	26	17	17	26	17	17	3.3	3.3	3.3	9.0	9.0	9.0	38.3	29.3	29.3	27
23	1SV18CS026	MURFUA FATHIMA	25	20	18	25	20	18	3.3	3.3	3.3	10.7	10.7	10.7	39.0	34.0	32.0	32
24	1SV18CS028	MEGHANA G S	17	19	12	17	19	12	3.3	3.3	3.3	9.0	9.0	9.0	29.3	31.3	24.3	27
25	1SV18CS029	NANDA T M	23	20	30	23	20	30	3.3	3.3	3.3	11.0	11.0	11.0	37.3	34.3	44.3	33
26	1SV18CS030	DURGAD	20	AB	14	20	0	14	3	3	3	5.0	5.0	5.0	28.0	8.0	22.0	15
27	1SV18CS031	PRAGNA H S	23	19	17	23	19	17	3.3	3.3	3.3	11.0	11.0	11.0	37.3	33.3	31.3	33
28	1SV18CS032	PRAJWAL C	20	17	17	20	17	17	3.3	3.3	3.3	10.7	10.7	10.7	34.0	31.0	31.0	32
29	1SV18CS033	PRIYADARSHINI R	23	20	30	23	20	30	3.3	3.3	3.3	12.7	12.7	12.7	39.0	36.0	46.0	38
30	1SV18CS038	SHRADDHA S	25	19	27	25	19	27	3.3	3.3	3.3	9.0	9.0	9.0	37.3	31.3	39.3	27
31	1SV18CS042	SUSHMA H S	25	20	23	25	20	23	3.3	3.3	3.3	9.7	9.7	9.7	38.0	33.0	36.0	29
32	1SV18CS043	THUNGASHREE	29	20	29	29	20	29	3.3	3.3	3.3	11.0	11.0	11.0	43.3	34.3	43.3	33
33	1SV18CS045	VIJAYALAXMI	26	18	12	26	18	12	3.3	3.3	3.3	7.3	7.3	7.3	36.6	28.6	22.6	22
34	1SV18CS046	VIVEKANAND MATH	20	23	19	20	23	19	3.3	3.3	3.3	10.0	10.0	10.0	33.3	36.3	32.3	30
35	1SV19CS400	SHIREESHA HEGDE H R	21	20	16	21	20	16	3.3	3.3	3.3	7.0	7.0	7.0	31.3	30.3	26.3	21
36	1SV19CS401	VEENA L C	24	20	30	24	20	30	3.3	3.3	3.3	7.0	7.0	7.0	34.3	30.3	40.3	21
		TOTAL																
		Total number of students	36	36	36	36	36	36	36	36	36			AVG	36.1611111	32.8	33.3555556	
														%	67.8444861	61.5384615	62.5807797	

CHETHAN M.S

SHRIDEVI INSTITUTE OF ENGINEERING &TECHNOLOGY

Department of Computer Science & Engg

Average Internals Marks & Attendance Report(ODD SEM) 2020-21

Roll No.	USN	Name	18CS52			2020-2021				SUB:CNS							SEM: 5th	ODD				FACULTY:Mrs.Veena N D					TOTAL AVG
			IA			T1	T2		T3		ASSIGNMENT 10/5					EXTERNAL						FINAL					
			T1	T2	T3	CO1-30	CO2-15	CO3-15	CO4-15	CO5-15	CO1	CO2	CO3	CO4	CO5	SEE(60)	CO1-12	CO2-12	CO3-12	CO4-12	CO5-12	CO1-44	CO2-29	CO3-29	CO4-29	CO5-29	
1	1SV17CS011	CHAITRA M S	27	18	29	27	8	10	14	15	2	2	2	2	2	23	4.6	4.6	4.6	4.6	4.6	34	15	17	21	22	21.4
2	1SV17CS015	GAGANASHREE T	24	20	29	24	10	10	10	19	2	2	2	2	2	25	5	5	5	5	5	31	17	17	17	26	21.6
3	1SV17CS018	JUNAID ULLA	29	16	27	29	19	10	10	6	2	2	2	2	2	30	6	6	6	6	6	37	27	18	18	14	22.8
4	1SV17CS024	MANASA V	27	20	27	27	10	10	20	7	2	2	2	2	2	32	6.4	6.4	6.4	6.4	6.4	35	18	18	28	15	23.2
5	1SV17CS027	NAVYA S	26	11	27	26	10	1	7	20	2	2	2	2	2	9	1.8	1.8	1.8	1.8	1.8	30	14	5	11	24	16.6
6	1SV17CS034	RAGHU RAM GK	23	24	AB	23	20	4	0	0	2	2	2	2	2	24	4.8	4.8	4.8	4.8	4.8	30	27	11	7	7	16.2
7	1SV18CS001	ABDULLAH	23	11	AB	23	5	6	0	0	2	2	2	2	2	30	6	6	6	6	6	31	13	14	8	8	14.8
8	1SV18CS003	AMULYA J M	26	28	30	26	20	8	20	10	2	2	2	2	2	37	7.4	7.4	7.4	7.4	7.4	35	29	17	29	19	26.2
9	1SV18CS004	AYUSH RANJAN	27	17	AB	27	10	7	0	0	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	33	16	13	6	6	15.0
10	1SV18CS005	BASAVARAJA	26	20	29	26	10	10	10	19	2	2	2	2	2	30	6	6	6	6	6	34	18	18	18	27	23.0
11	1SV18CS007	BHAVYA H P	30	27	29	30	20	7	20	9	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	37	27	14	27	16	24.6
12	1SV18CS008	CHANDRASHEKAR	26	9	27	26	4	5	20	7	2	2	2	2	2	30	6	6	6	6	6	34	12	13	28	15	20.4
13	1SV18CS011	DHARMANA	28	28	30	28	20	8	20	10	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	35	27	15	27	17	24.6
14	1SV18CS014	ENCHARA M	29	19	30	29	10	9	15	15	2	2	2	2	2	36	7.2	7.2	7.2	7.2	7.2	38	19	18	24	24	24.8
15	1SV18CS015	GAGANA N	27	13	28	27	10	3	20	8	2	2	2	2	2	22	4.4	4.4	4.4	4.4	4.4	33	16	9	26	14	20.0
16	1SV18CS017	GANYA KUMAR G	29	27	30	29	20	7	10	20	2	2	2	2	2	26	5.2	5.2	5.2	5.2	5.2	36	27	14	17	27	24.4
17	1SV18CS019	HADA AMAL	28	25	29	28	20	5	20	9	2	2	2	2	2	33	6.6	6.6	6.6	6.6	6.6	37	29	14	29	18	25.0
18	1SV18CS021	KEERTHIPRASAD	30	24	29	30	20	4	20	9	2	2	2	2	2	41	8.2	8.2	8.2	8.2	8.2	40	30	14	30	19	26.8
19	1SV18CS022	KUSHAL KUMAR D	19	7	AB	19	10	9	6	1	2	2	2	2	2	32	6.4	6.4	6.4	6.4	6.4	27	18	17	14	9	17.4
20	1SV18CS023	LAVANYA T A	27	24	29	27	20	7	16	8	2	2	2	2	2	26	5.2	5.2	5.2	5.2	5.2	34	27	14	23	15	22.8
21	1SV18CS024	LISHA SHREE	28	28	29	28	15	13	16	13	2	2	2	2	2	33	6.6	6.6	6.6	6.6	6.6	37	24	22	25	22	25.6
22	1SV18CS025	MANORANJAN P M	27	18	25	27	10	8	20	5	2	2	2	2	2	35	7	7	7	7	7	36	19	17	29	14	23.0
23	1SV18CS026	MUKTUA FATHIMA	29	22	29	29	10	12	20	9	2	2	2	2	2	38	7.6	7.6	7.6	7.6	7.6	39	20	22	30	19	25.6
24	1SV18CS028	MEGHANA G S	26	15	20	26	10	5	10	10	2	2	2	2	2	29	5.8	5.8	5.8	5.8	5.8	34	18	13	18	18	20.0
25	1SV18CS029	NANDA T M	26	20	29	26	10	10	20	9	2	2	2	2	2	29	5.8	5.8	5.8	5.8	5.8	34	18	18	28	17	22.8
26	1SV18CS030	PAVAN KUMAR	15	0	25	15	0	0	18	7	2	2	2	2	2	24	4.8	4.8	4.8	4.8	4.8	22	7	7	25	14	14.8
27	1SV18CS031	PRAGNA H S	28	17	29	28	15	2	16	13	2	2	2	2	2	28	5.6	5.6	5.6	5.6	5.6	36	23	10	24	21	22.4
28	1SV18CS032	PRAJWAL C	24	20	25	24	10	10	10	15	2	2	2	2	2	38	7.6	7.6	7.6	7.6	7.6	34	20	20	20	25	23.4
29	1SV18CS033	PRIYADARSHINI R	26	20	29	26	15	5	20	9	2	2	2	2	2	33	6.6	6.6	6.6	6.6	6.6	35	24	14	29	18	23.6
30	1SV18CS038	SHRADDHA S	28	27	29	28	20	7	20	9	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	35	27	14	27	16	24.2
31	1SV18CS042	SUSHMA H S	30	14	29	30	10	4	20	9	2	2	2	2	2	23	4.6	4.6	4.6	4.6	4.6	37	17	11	27	16	21.2
32	1SV18CS043	THUNGASHREE	30	25	29	30	15	10	14	15	2	2	2	2	2	30	6	6	6	6	6	38	23	18	22	23	24.8
33	1SV18CS045	VIJAYALAXMI	30	17	28	30	10	7	20	8	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	36	16	13	26	14	21.2
34	1SV18CS046	VIVEKANAND	0	20	25	0	10	10	20	5	2	2	2	2	2	26	5.2	5.2	5.2	5.2	5.2	7	17	17	27	12	16.2
35	1SV19CS400	SHREESHA	29	15	28	29	10	5	20	8	2	2	2	2	2	24	4.8	4.8	4.8	4.8	4.8	36	17	12	27	15	21.2
36	1SV19CS401	VEENA L G	29	16	28	29	10	6	20	8	2	2	2	2	2	26	5.2	5.2	5.2	5.2	5.2	36	17	13	27	15	21.8
																						33.7	20.4	14.8	22.8	17.3	
																					PER	76.58	70.21	50.86	78.45	59.48	

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SUBJECT	DATABASE MANAGEMENT SYSTEM	SUBJECT CODE	18CS53

COURSE OUTCOME

CO1. Summarize the concepts of database objects; enforce integrity constraints on a database using RDBMS.

CO2. Use Structured Query Language (SQL) for database manipulation

CO3. Designsimpledatabasesystemsforsomeapplicationtointeractwithdatabases

CO4. Implementnormalizationalgorithmsusingdatabasedesigntheoryfordifferentapplications

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.

PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.

PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.

PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling to complex engineering activities.

PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.

PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.

PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.

PO12 Life-long learning: A recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY			
FACULTY NAME	Mr SUTHAN R			
BRANCH	CSE	ACADEMIC YEAR	2020-21	
COURSE	B.E	SEMESTER	V	
SUBJECT	DATABASE MANAGEMENT SYSTEM	SUBJECT CODE	18CS53	

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	2	1	-	-	-	-	-	-	-	-	2	2		
CO2	2	1	2	1	3	-	-	-	-	-	-	1	3		
CO3	2	1	2	1	2	-	-	-	-	-	-	1	2		
CO4	2	3	-	-	1	-	-	-	-	-	-	2	3		
AVERAGE	2.25	1.75	1.6	1	2							1.5	2.5		
OVERALL MAPPING OF SUBJECT												1.8			

CO AND PO ATTAINMENT

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	75.14	2.25	1.5	0.75									1.5	1.50		
CO2	66.56	1.33	0.67	1.33	0.67	2							0.67	2.00		
CO3	65.71	1.31	0.7	1.31	0.7	1.31							0.7	1.31		
CO4	73.96	1.48	2.22			0.74							1.48	2.22		
AVERAGE	70.34	1.6	1.27	0.8	0.69	1.35							1.9	1.76		
FINAL ATTAINMENT LEVEL													1.34			

HOD
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU.

PRINCIPAL
SIET., TUMAKURU.

STAFF INCHARGE

	Academic year 2020 -21			SEM : V			Total strength : 36			Subject : DBMS								18CS53								
		IA TEST 1(30M)		IA TEST 2(30M)			IA TEST 3(30M)		ASSIGNEMENT / QUIZ(10 M				SEE MARKS(60)				Total Cos ATTAINMENT				% of individual CO				SEE Tot
ROLL NO	USN	CO1	TOTAL	CO2	CO3	TOTAL	CO4	TOTAL	CO1	CO2	CO3	CO4	CO1=15	CO2	CO3	CO4	CO1=47.5	CO2=32.5	CO3=32.5	CO4=47.5	CO1	CO2	CO3	CO4	60M
1	1SV17CS011	29	29	15	14	29	29	29	2.5	2.5	2.5	2.5	6.4	6.4	6.4	6.4	37.9	23.9	22.9	37.9	79.78947	73.54	70.461538	79.78947	32
2	1SV17CS015	27	27	15	10	25	27	27	2.5	2.5	2.5	2.5	0	0	0	0	29.5	17.5	12.5	29.5	62.10526	53.85	38.461538	62.10526	
4	1SV17CS024	29	29	14	15	29	29	29	2.5	2.5	2.5	2.5	4.2	4.2	4.2	4.2	35.7	20.7	21.7	35.7	75.15789	63.69	66.769231	75.15789	21
5	1SV17CS027	29	29	15	14	29	29	29	2.5	2.5	2.5	2.5	4.2	4.2	4.2	4.2	35.7	21.7	20.7	35.7	75.15789	66.77	63.692308	75.15789	21
6	1SV17CS034	23	23	14	14	28	29	29	2.5	2.5	2.5	2.5	3	3	3	3	34.5	19.5	19.5	34.5	72.63158	60	60	72.63158	15
7	1SV18CS001	29	29	15	14	29	23	23	2.5	2.5	2.5	2.5	4.8	4.8	4.8	4.8	30.3	21.3	21.3	30.3	63.78947	65.54	65.538462	63.78947	24
8	1SV18CS003	30	30	14	15	29	29	29	2.5	2.5	2.5	2.5	7.2	7.2	7.2	7.2	38.7	24.7	23.7	38.7	81.47368	76	72.923077	81.47368	36
9	1SV18CS004	29	29	15	14	29	30	30	2.5	2.5	2.5	2.5	7	7	7	7	39.5	23.5	24.5	39.5	83.15789	72.31	75.384615	83.15789	35
10	1SV18CS005	29	29	12	12	24	29	29	2.5	2.5	2.5	2.5	4.2	4.2	4.2	4.2	35.7	21.7	20.7	35.7	75.15789	66.77	63.692308	75.15789	21
11	1SV18CS007	30	30	15	15	30	30	30	2.5	2.5	2.5	2.5	6.8	6.8	6.8	6.8	38.3	21.3	21.3	38.3	80.63158	65.54	65.538462	80.63158	34
12	1SV18CS008	30	30	14	14	28	30	30	2.5	2.5	2.5	2.5	4.6	4.6	4.6	4.6	37.1	22.1	22.1	37.1	78.10526	68	68	78.10526	23
13	1SV18CS011	25	25	15	14	29	25	25	2.5	2.5	2.5	2.5	5.4	5.4	5.4	5.4	37.9	21.9	21.9	37.9	79.78947	67.38	67.384615	79.78947	27
14	1SV18CS014	30	30	15	14	29	30	30	2.5	2.5	2.5	2.5	6.2	6.2	6.2	6.2	33.7	23.7	22.7	33.7	70.94737	72.92	69.846154	70.94737	31
15	1SV18CS015	AB	0	14	14	28	0	0	2.5	2.5	2.5	2.5	5.2	5.2	5.2	5.2	37.7	22.7	21.7	37.7	79.36842	69.85	66.769231	79.36842	26
16	1SV18CS017	30	30	15	15	30	30	30	2.5	2.5	2.5	2.5	4.2	4.2	4.2	4.2	6.7	20.7	20.7	6.7	14.10526	63.69	63.692308	14.10526	21
17	1SV18CS019	25	25	15	14	29	25	25	2.5	2.5	2.5	2.5	6.6	6.6	6.6	6.6	39.1	24.1	24.1	39.1	82.31579	74.15	74.153846	82.31579	33
18	1SV18CS021	30	30	14	15	29	30	30	2.5	2.5	2.5	2.5	4.8	4.8	4.8	4.8	32.3	22.3	21.3	32.3	68	68.62	65.538462	68	24
19	1SV18CS022	29	29	15	14	29	29	29	2.5	2.5	2.5	2.5	7.6	7.6	7.6	7.6	40.1	24.1	25.1	40.1	84.42105	74.15	77.230769	84.42105	38
20	1SV18CS023	30	30	14	15	29	30	30	2.5	2.5	2.5	2.5	5.8	5.8	5.8	5.8	37.3	23.3	22.3	37.3	78.52632	71.69	68.615385	78.52632	29
21	1SV18CS024	30	30	15	14	29	30	30	2.5	2.5	2.5	2.5	4.8	4.8	4.8	4.8	37.3	21.3	22.3	37.3	78.52632	65.54	68.615385	78.52632	24
22	1SV18CS025	30	30	14	15	29	30	30	2.5	2.5	2.5	2.5	4.4	4.4	4.4	4.4	36.9	21.9	20.9	36.9	77.68421	67.38	64.307692	77.68421	22
23	1SV18CS026	30	30	15	14	29	30	30	2.5	2.5	2.5	2.5	4.2	4.2	4.2	4.2	36.7	20.7	21.7	36.7	77.26316	63.69	66.769231	77.26316	21
24	1SV18CS028	27	27	14	15	29	27	27	2.5	2.5	2.5	2.5	4.2	4.2	4.2	4.2	36.7	21.7	20.7	36.7	77.26316	66.77	63.692308	77.26316	21
25	1SV18CS029	30	30	15	14	29	30	30	2.5	2.5	2.5	2.5	6.4	6.4	6.4	6.4	35.9	22.9	23.9	35.9	75.57895	70.46	73.538462	75.57895	32
26	1SV18CS030	22	22	10	13	23	22	22	2.5	2.5	2.5	2.5	4.2	4.2	4.2	4.2	36.7	21.7	20.7	36.7	77.26316	66.77	63.692308	77.26316	21
27	1SV18CS031	30	30	15	14	29	30	30	2.5	2.5	2.5	2.5	4.2	4.2	4.2	4.2	28.7	16.7	19.7	28.7	60.42105	51.38	60.615385	60.42105	21
28	1SV18CS032	28	28	14	14	28	28	28	2.5	2.5	2.5	2.5	4.2	4.2	4.2	4.2	36.7	21.7	20.7	36.7	77.26316	66.77	63.692308	77.26316	21
29	1SV18CS033	30	30	15	14	29	30	30	2.5	2.5	2.5	2.5	7	7	7	7	37.5	23.5	23.5	37.5	78.94737	72.31	72.307692	78.94737	35
30	1SV18CS038	30	30	15	14	29	30	30	2.5	2.5	2.5	2.5	6.4	6.4	6.4	6.4	38.9	23.9	22.9	38.9	81.89474	73.54	70.461538	81.89474	32
31	1SV18CS042	30	30	14	15	29	30	30	2.5	2.5	2.5	2.5	9.6	9.6	9.6	9.6	42.1	27.1	26.1	42.1	88.63158	83.38	80.307692	88.63158	48
32	1SV18CS043	30	30	15	14	29	30	30	2.5	2.5	2.5	2.5	4.6	4.6	4.6	4.6	37.1	21.1	22.1	37.1	78.10526	64.92	68	78.10526	23
33	1SV18CS045	28	28	14	15	29	28	28	2.5	2.5	2.5	2.5	4.2	4.2	4.2	4.2	36.7	21.7	20.7	36.7	77.26316	66.77	63.692308	77.26316	21
34	1SV18CS046	29	29	15	14	29	29	29	2.5	2.5	2.5	2.5	0	0	0	0	30.5	16.5	17.5	30.5	64.21053	50.77	53.846154	64.21053	22
35	1SV19CS400	29	29	14	15	29	29	29	2.5	2.5	2.5	2.5	4.2	4.2	4.2	4.2	35.7	21.7	20.7	35.7	75.15789	66.77	63.692308	75.15789	21
36	1SV19CS401	29	29	15	14	29	29	29	2.5	2.5	2.5	2.5	0	0	0	0	31.5	16.5	17.5	31.5	66.31579	50.77	53.846154	66.31579	24
									2.5	2.5	2.5	2.5	0	0	0	0	31.5	17.5	16.5	31.5	108.6207	53.85	50.769231	66.31579	24
																					75.14005	**66.56**	**65.709402**	**73.96491**	**26.4**
																									44

SUTHAN.R

HOD,
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.

SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY

SIRA ROAD, TUMKUR- 572 106.

Department of Computer Science and Engineering

COURSE OUTCOME

CO1. Acquire fundamental understanding of the core concepts in automata theory and Theory of Computation
CO2. Learn how to translate between different models of Computation (e.g., Deterministic and Non-deterministic and Software models).
CO3. Design Grammars and Automata (recognizers) for different language classes and become knowledgeable about restricted models of Computation (Regular, Context Free) and their relative powers.
CO4. Develop skills in formal reasoning and reduction of a problem to a formal model, with an emphasis on semantic precision and conciseness.
CO5. Classify a problem with respect to different models of Computation

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.
PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.
PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.
PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities.
PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.
PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.
PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.
PO12 Life-long learning: A recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr. KIRAN G M				
BRANCH	CSE	ACADEMIC YEAR	2020-21		
COURSE	B.E	SEMESTER	V	SECTION	
SUBJECT	Automata Theory and Computability	SUBJECT CODE	18CS54		

CO-PO-PSO Mapping															
COs	Pos												PSOs		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
CO1	3	1	1	-	-	-	-	-	-	-	-	1	-	-	2
CO2	2	-	-	-	-	-	-	-	-	-	-	1	-	-	2
CO3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
CO4	1	1	2	-	-	-	-	-	-	-	-	1	-	-	2
CO5	2	2	-	-	-	-	-	-	-	-	-	1	-	-	2
Average	1.8	1.3	1.5	-	-	-	-	-	-	-	-	1.0	-	-	2.0

CO AND PO ATTAINMENT

ATTAINMENT TABLE															
COs	AVG	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	77.2	2.31	0.77	0.77									0.77			1.54
CO2	66.2	1.32											0.66			1.32
CO3	65.6	0.65														1.31
CO4	59	0.59	0.59	1.18									0.59			1.18
CO5	58.6	1.17	1.17										0.58			1.17
AVERAGE		1.20	0.84	0.97									0.65			1.30

STAFF INCHARGE

HOD,
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-86.

PRINCIPAL
SIET, TUMAKURU.

SUB: AUTOMATA THEROY COMPUTABILITY

SEM:V 2020-21 ODD KIRAN G M 18CS54

Sl No	USN	Name	T1(30)	T2(30)	T3(30)	T1 30	T2 15	T2 15	T3 15	T3 15	ASSIGNMENT 10/5 CO1-2	CO2-2	CO3-2	CO4-2	CO5-2	SEE 0)	SEE 15	SEE 15	SEE 15	SEE 15	SEE 15	FINAL 47	FINAL 32	FINAL 32	FINAL 32	FINAL 32	TOTAL AVERA
1	18V17CS001	CHAITRA M S	30	29	23	30	15	14	12	11	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	36.2	21.2	20.2	18.2	17.2	22.6
2	18V17CS015	GAGANAMBIGE T U	30	29	27	30	14	15	14	13	2	2	2	2	2	14	2.8	2.8	2.8	2.8	2.8	34.8	18.8	19.8	18.8	17.8	22
3	18V17CS018	JUNAID ULLA KHAN	29	28	22	29	14	14	11	11	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	36.4	21.4	21.4	18.4	18.4	23.2
4	18V17CS024	MANASA V	30	29	24	30	15	14	12	12	2	2	2	2	2	0	0	0	0	0	0	32	17	16	14	14	18.6
5	18V17CS027	NAVYA S	30	29	21	30	14	15	11	10	2	2	2	2	2	15	3	3	3	3	3	35	19	20	16	15	21
6	18V17CS034	RAGHURAM GK	29	28	17	29	14	14	10	7	2	2	2	2	2	5	1	1	1	1	1	32	17	17	13	10	17.8
7	18V18CS001	ABDULLAH	29	28	22	29	14	14	11	11	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	35.2	20.2	20.2	17.2	17.2	22
8	18V18CS005	AMRUTA J M	30	30	27	30	15	15	14	13	2	2	2	2	2	36	7.2	7.2	7.2	7.2	7.2	39.2	24.2	24.2	23.2	22.2	26.6
9	18V18CS004	AYUSH RANJAN TIWARI	29	28	21	29	14	14	11	10	2	2	2	2	2	26	5.2	5.2	5.2	5.2	5.2	36.2	21.2	21.2	18.2	17.2	22.8
10	18V18CS005	BABAVARAJA	30	30	27	30	15	15	14	13	2	2	2	2	2	24	4.8	4.8	4.8	4.8	4.8	36.8	21.8	21.8	20.8	19.8	24.2
11	18V18CS007	BHAVYA H P	30	30	28	30	15	15	14	14	2	2	2	2	2	31	6.2	6.2	6.2	6.2	6.2	38.2	23.2	23.2	22.2	22.2	25.8
12	18V18CS008	CHANDRASHEKARA T	29	29	21	29	14	15	11	10	2	2	2	2	2	33	6.6	6.6	6.6	6.6	6.6	37.6	22.6	23.6	19.6	18.6	24.4
13	18V18CS011	DHARMANA HARIKA	30	30	24	30	15	15	12	12	2	2	2	2	2	23	4.6	4.6	4.6	4.6	4.6	36.6	21.6	21.6	18.6	18.6	23.4
14	18V18CS014	ESHWARA M	30	30	28	30	15	15	14	14	2	2	2	2	2	24	4.8	4.8	4.8	4.8	4.8	36.8	21.8	21.8	20.8	20.8	24.4
15	18V18CS015	GAGANA N	30	29	27	30	15	14	13	14	2	2	2	2	2	11	2.2	2.2	2.2	2.2	2.2	34.2	19.2	18.2	17.2	18.2	21.4
16	18V18CS017	GANYA KUMAR G R	30	30	28	30	15	15	14	14	2	2	2	2	2	32	6.4	6.4	6.4	6.4	6.4	38.4	23.4	23.4	22.4	22.4	26
17	18V18CS019	HADA AMAL KHAN	30	30	27	30	15	15	13	14	2	2	2	2	2	24	4.8	4.8	4.8	4.8	4.8	36.8	21.8	21.8	19.8	20.8	24.2
18	18V18CS021	KEERTHIPRASAD B K	30	30	27	30	15	15	13	14	2	2	2	2	2	25	5	5	5	5	5	37	22	22	20	21	24.4
19	18V18CS022	KUSHAL KUMAR D	29	27	23	29	14	13	12	11	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	36.4	21.4	20.4	19.4	18.4	23.2
20	18V18CS023	LAVANYA T A	30	29	28	30	15	14	14	14	2	2	2	2	2	11	2.2	2.2	2.2	2.2	2.2	34.2	19.2	18.2	18.2	18.2	21.6
21	18V18CS024	LIBIA SIBEE NAYAKA S	30	29	27	30	15	14	13	14	2	2	2	2	2	32	6.4	6.4	6.4	6.4	6.4	38.4	23.4	22.4	21.4	22.4	25.6
22	18V18CS033	MADHUMADAH P M	29	28	23	29	14	14	11	12	2	2	2	2	2	41	8.2	8.2	8.2	8.2	8.2	39.2	24.2	24.2	21.2	22.2	26.2
23	18V18CS030	MUBEENA FATHIMA	30	30	22	30	15	15	11	11	2	2	2	2	2	29	5.8	5.8	5.8	5.8	5.8	37.8	22.8	22.8	18.8	18.8	24.2
24	18V18CS028	MEGHANA G S	30	29	23	30	14	15	11	12	2	2	2	2	2	25	5	5	5	5	5	37	21	22	18	19	23.4
25	18V18CS029	NANDA T M	30	29	27	30	15	14	13	14	2	2	2	2	2	13	2.6	2.6	2.6	2.6	2.6	34.6	19.6	18.6	17.6	18.6	21.8
26	18V18CS030	PAVAN KUMAR DUBOAD	29	28	19	29	14	14	10	9	2	2	2	2	2	14	2.8	2.8	2.8	2.8	2.8	33.8	18.8	18.8	14.8	13.8	20
27	18V18CS031	PRADNA H S	30	29	27	30	15	14	13	14	2	2	2	2	2	29	5.8	5.8	5.8	5.8	5.8	37.8	22.8	21.8	20.8	21.8	25
28	18V18CS032	PRAJWAL C	29	28	21	29	14	14	10	11	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	35.2	20.2	20.2	16.2	17.2	21.8
29	18V18CS033	PRIYADARSHINI B	30	29	24	30	15	14	12	12	2	2	2	2	2	28	5.6	5.6	5.6	5.6	5.6	37.6	22.6	21.6	19.6	19.6	24.2
30	18V18CS034	RIBHADDHA S	30	29	24	30	14	15	12	12	2	2	2	2	2	23	4.6	4.6	4.6	4.6	4.6	36.6	20.6	21.6	18.6	18.6	23.2
31	18V18CS042	SUSHMA H S	30	30	27	30	15	15	13	14	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	36.2	21.2	21.2	19.2	20.2	23.6
32	18V18CS045	TEJINGASHREE	30	30	27	30	15	15	14	13	2	2	2	2	2	37	7.4	7.4	7.4	7.4	7.4	39.4	24.4	24.4	23.4	22.4	26.8
33	18V18CS043	VIJAYALAXMI	30	29	26	30	15	14	13	13	2	2	2	2	2	26	5.2	5.2	5.2	5.2	5.2	37.2	22.2	21.2	20.2	20.2	24.2
34	18V18CS046	VIVEKANAND MATH	29	29	23	29	15	14	12	11	2	2	2	2	2	7	1.4	1.4	1.4	1.4	1.4	32.4	18.4	17.4	15.4	14.4	19.6
35	18V18CS400	SHRIDHRA HEGDE H R	30	28	24	30	14	14	12	12	2	2	2	2	2	23	4.6	4.6	4.6	4.6	4.6	36.6	20.6	20.6	18.6	18.6	23
36	18V18CS401	VEENA L G	29	28	25	29	14	14	13	12	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	36.4	21.4	21.4	20.4	19.4	23.8
																						36.283	21.172	21.006	18.894	18.756	
																						77.2	66.2	65.6	59	58.6	

HOD,
COMPUTER SCIENCE & ENGG.
SIET, TUMAKURU-06.

SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY
SIRA ROAD, TUMKUR- 572 106.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SUBJECT	APPLICATION DEVELOPMENT USING PYTHON	SUBJECT CODE	18CS55

COURSE OUTCOME

CO1. Learn the syntax and semantics of Python programming language.

CO2. Illustrate the process of structuring the data using lists, tuples and dictionaries.

CO3. Demonstrate the use of built-in functions to navigate the file system.

CO4. Implement the Object Oriented Programming concepts in Python.

CO5. Appraise the need for working with various documents like Excel, PDF, Word and Others

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.

PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.

PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.

PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling to complex engineering activities.

PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.

PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.

PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.

PO12 Life-long learning: recognition of the need for, and an ability to engage in, to resolve Contemporary issues and acquire lifelong learning.

CO AND PO ATTAINMENT

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY		
FACULTY NAME	Mr. RENUKARADHYA P.C		
BRANCH	CSE	ACADEMIC YEAR	2020-21
COURSE	B.E	SEMESTER	V
SUBJECT	APPLICATION DEVELOPMENT USING PYTHON	SUBJECT CODE	18CS55

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	2	2								1	2	1		2
CO2	3	2	2	1					1			2			
CO3	3	1	2		2		2				1	2		1	2
CO4								1					1		
CO5											1				1
AVERAGE	3	1.666667	2	1	2		2	1	1		1	2	1	1	1.666667
OVERALL MAPPING OF SUBJECT													1.45		

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	84.82	2.54	1.69	1.69								0.84	1.69	0.84		1.69
CO2	53.25	1.59	1.06	1.06	0.53					0.53			1.06			
CO3	51.36	1.54	0.51	1.02		1.02		1.02				0.51	1.02		0.51	1.02
CO4	32.55								0.32					0.32		
CO5	31.6											0.31				0.31
AVERAGE	50.71	1.89	1.08	1.25	0.53	1.02		1.02	0.32	0.53		0.55	1.25	0.58	0.51	1
FINAL ATTAINMENT LEVEL													0.88			

STAFF INCHARGE

HOD.
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.

PRINCIPAL
SIET., TUMAKURU.

20-21 odd
CS

18CS! ADP 2020-2021 SEM :V SEM RPC: Mrs. RENUKARADHYA P C

Roll No.	USN	Name	T1	T2	T3	T1 CO1-30	T2 CO2-30	T2 CO3-30	T3 CO4-30	T3 CO5-30	ASSIGNMENT 10/5 CO1 =2	CO2 =2	CO3 =2	CO4 =2	CO5 =2	SEE MARKS(60) CO1	CO2	CO3	CO4	CO5	Final CO1	CO2	CO3	CO4	CO5	SEE T 60M
1	1SV17CS011	CHAITRA M S	30	29	17	30	15	14	9	8	2	2	2	2	2	6.8	6.8	6.8	6.8	6.8	38.8	23.8	22.8	17.8	16.8	34
2	1SV17CS015	GAGANASHREE T U	30	29	13	30	15	14	7	6	2	2	2	2	2	8.8	8.8	8.8	8.8	8.8	40.8	25.8	24.8	17.8	16.8	44
3	1SV17CS018	JUNAID ULLA KHAN	28	28	16	28	14	14	8	8	2	2	2	2	2	5.8	5.8	5.8	5.8	5.8	35.8	21.8	21.8	15.8	15.8	29
4	1SV17CS024	MANASA V	29	29	18	29	15	14	9	9	2	2	2	2	2	3.4	3.4	3.4	3.4	3.4	34.4	20.4	19.4	14.4	14.4	17
5	1SV17CS027	NAVYA S	28	28	9	28	14	14	5	4	2	2	2	2	2	4.2	4.2	4.2	4.2	4.2	34.2	20.2	20.2	11.2	10.2	21
6	1SV17CS034	RAGHU RAM GK	28	27	2	28	14	13	1	1	2	2	2	2	2	6.6	6.6	6.6	6.6	6.6	36.6	22.6	21.6	9.6	9.6	33
7	1SV18CS001	ABDULLAH	28	29	7	28	15	14	5	2	2	2	2	2	2	7.6	7.6	7.6	7.6	7.6	37.6	24.6	23.6	14.6	11.6	38
8	1SV18CS003	AMULYA J M	29	29	2	29	15	14	1	1	2	2	2	2	2	9.4	9.4	9.4	9.4	9.4	40.4	26.4	25.4	12.4	12.4	47
9	1SV18CS004	AYUSH RANJAN TIWARI	30	20	5	30	10	10	3	2	2	2	2	2	2	5.2	5.2	5.2	5.2	5.2	37.2	17.2	17.2	10.2	9.2	26
10	1SV18CS005	BASAVARAJA	30	29	8	30	15	14	4	4	2	2	2	2	2	7.6	7.6	7.6	7.6	7.6	39.6	24.6	23.6	13.6	13.6	38
11	1SV18CS007	BHAVYA H P	30	29	20	30	15	14	10	10	2	2	2	2	2	6.4	6.4	6.4	6.4	6.4	38.4	23.4	22.4	18.4	18.4	32
12	1SV18CS008	CHANDRASHEKARA T	29	29	4	29	15	14	2	2	2	2	2	2	2	7.8	7.8	7.8	7.8	7.8	38.8	24.8	23.8	11.8	11.8	39
13	1SV18CS011	DHARMANA HARIKA	29	29	0	29	15	14	0	0	2	2	2	2	2	7.8	7.8	7.8	7.8	7.8	38.8	24.8	23.8	9.8	9.8	39
14	1SV18CS014	ENCHARA M	30	29	10	30	15	14	5	5	2	2	2	2	2	6.2	6.2	6.2	6.2	6.2	38.2	23.2	22.2	13.2	13.2	31
15	1SV18CS015	GAGANA N	AB	29	4	0	15	14	2	2	2	2	2	2	2	8.8	8.8	8.8	8.8	8.8	10.8	25.8	24.8	12.8	12.8	44
16	1SV18CS017	GANYA KUMAR G R	30	29	23	30	15	14	12	11	2	2	2	2	2	8.4	8.4	8.4	8.4	8.4	40.4	25.4	24.4	22.4	21.4	42
17	1SV18CS019	HADA AMAL KHAN	30	29	8	30	15	14	4	4	2	2	2	2	2	5.8	5.8	5.8	5.8	5.8	37.8	22.8	21.8	11.8	11.8	29
18	1SV18CS021	KEERTHIPRASAD B K	30	29	14	30	15	14	7	7	2	2	2	2	2	7	7	7	7	7	39	24	23	16	16	35
19	1SV18CS022	KUSHAL KUMAR D	29	29	5	29	15	14	3	2	2	2	2	2	2	6.8	6.8	6.8	6.8	6.8	37.8	23.8	22.8	11.8	10.8	34
20	1SV18CS023	LAVANYA T A	29	29	12	29	15	14	6	6	2	2	2	2	2	5.8	5.8	5.8	5.8	5.8	36.8	22.8	21.8	13.8	13.8	29
21	1SV18CS024	LISHA SHREE NAYAKA S	30	29	0	30	15	14	0	0	2	2	2	2	2	8.6	8.6	8.6	8.6	8.6	40.6	25.6	24.6	10.6	10.6	43
22	1SV18CS025	MANORANJAN P M	29	29	11	29	15	14	6	5	2	2	2	2	2	6.6	6.6	6.6	6.6	6.6	37.6	23.6	22.6	14.6	13.6	33
23	1SV18CS026	MUBEENA FATHIMA	29	29	18	29	15	14	9	9	2	2	2	2	2	10.6	10.6	10.6	10.6	10.6	41.6	27.6	26.6	21.6	21.6	53
24	1SV18CS028	MEGHANA G S	28	29	11	28	15	14	6	5	2	2	2	2	2	5.2	5.2	5.2	5.2	5.2	35.2	22.2	21.2	13.2	12.2	26
25	1SV18CS029	NANDA T M	30	29	18	30	15	14	9	9	2	2	2	2	2	7	7	7	7	7	39	24	23	18	18	35
26	1SV18CS030	PAVAN KUMAR DURGAD	28	28	9	28	14	14	5	4	2	2	2	2	2	6.6	6.6	6.6	6.6	6.6	36.6	22.6	22.6	13.6	12.6	33
27	1SV18CS031	PRAGNA H S	30	29	14	30	15	14	7	7	2	2	2	2	2	6.6	6.6	6.6	6.6	6.6	38.6	23.6	22.6	15.6	15.6	33
28	1SV18CS032	PRAJWAL C	29	29	10	29	15	14	5	5	2	2	2	2	2	8.2	8.2	8.2	8.2	8.2	39.2	25.2	24.2	15.2	15.2	41
29	1SV18CS033	PRIYADARSHINI R	30	29	23	30	15	14	12	11	2	2	2	2	2	8.2	8.2	8.2	8.2	8.2	40.2	25.2	24.2	22.2	21.2	41
30	1SV18CS038	SHRADDHA S	30	29	26	30	15	14	13	13	2	2	2	2	2	4.6	4.6	4.6	4.6	4.6	36.6	21.6	20.6	19.6	19.6	23
31	1SV18CS042	SUSHMA H S	30	29	10	30	15	14	5	5	2	2	2	2	2	5.6	5.6	5.6	5.6	5.6	37.6	22.6	21.6	12.6	12.6	28
32	1SV18CS043	THUNGASHREE	30	29	0	30	15	14	0	0	2	2	2	2	2	10.4	10.4	10.4	10.4	10.4	42.4	27.4	26.4	12.4	12.4	52
33	1SV18CS045	VIJAYALAXMI	29	29	6	29	15	14	3	3	2	2	2	2	2	5.8	5.8	5.8	5.8	5.8	36.8	22.8	21.8	10.8	10.8	29
34	1SV18CS046	VIVEKANAND MATH	30	20	16	30	10	10	8	8	2	2	2	2	2	6.4	6.4	6.4	6.4	6.4	38.4	18.4	18.4	16.4	16.4	32
35	1SV19CS400	SHREESHA HEGDE H R	28	28	9	28	14	14	5	4	2	2	2	2	2	5.6	5.6	5.6	5.6	5.6	35.6	21.6	21.6	12.6	11.6	28
36	1SV19CS401	VEENA L G	29	29	1	29	15	14	1	0	2	2	2	2	2	4.4	4.4	4.4	4.4	4.4	35.4	21.4	20.4	7.4	6.4	22
																				AVG	37.3	23.4	22.6	14.3	13.9	
																				PERC	84.8	53.3	51.4	32.6	31.6	

HOD,
COMPUTER SCIENCE & ENGG,
SIET, TUMAKURU-06.

Department of Computer Science and Engineering

COURSE OUTCOME

CO1. Explain Unix Architecture, File system and use of Basic Commands
CO2. Illustrate Shell Programming and to write Shell Scripts
CO3. Categorize, compare and make use of Unix System Calls
CO4. Build an application/service over a UNIX system.

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.
PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.
PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.
PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities.
PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.
PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.
PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.
PO12 Life-long learning: A recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr. BASAVESHA D				
BRANCH	CSE		ACADEMIC YEAR	2020-21	
COURSE	B.E	SEMESTER	V	SECTION	
SUBJECT	UNIX PROGRAMMING		SUBJECT CODE	18CS56	

CO-PO-PSO Mapping															
COs	Pos												PSOs		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
CO1	2	1	1									1	1	2	2
CO2	2	1	1									1	1	2	2
CO3	2	1	1	1								1	1	2	2
CO4	2	1	1	1								1	1	2	2
Average	2	1	1	0.5								1	1	2	2

CO AND PO ATTAINMENT

ATTAINMENT TABLE															
COs	AVG	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	81.3	1.62	0.81	0.81									0.81	0.81	1.62	1.62
CO2	79.3	1.58	0.79	0.79									0.79	0.79	1.58	1.58
CO3	54.3	1.08	0.54	0.54	0.54								0.54	0.54	1.08	1.08
CO4	79.8	1.59	0.79	0.79	0.79								0.79	0.79	1.59	1.59
AVERAGE	1.46	0.73	0.73	0.66									0.73	0.73	1.46	1.46

STAFF INCHARGE

H.O.D.
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-86.

PRINCIPAL
SIET., TUMAKURU.

Department of Computer Science & Engg

Average Internals Marks & Attendance Report(ODD SEM) 2020-21

Roll No.	USN	Name	18CS56						2020-21					SUB:UP		SEM: 5th		ODD	FACULTY:Dr.Basavesha D				
						T1		T2	T3	ASSIGNMENT 10/4				EXTERNAL					Final				
			T1	T2	T3	CO1-30	CO2-15	CO3-15	CO4-30	CO1-3	CO2-3	CO3-2	CO4-2	SEE(60)	CO1-15	CO2-15	CO3-15	CO4-15	CO1-48	CO2-33	CO3-32	CO4-32	TOTAL AVG
1	1SV17CS011	CHAITRA M S	26	19	25	26	10	9	25	3	3	2	2	34	8.5	8.5	8.5	8.5	37.5	21.5	19.5	35.5	28.5
2	1SV17CS015	GAGANASHREE T U	24	20	12	24	10	10	12	3	3	2	2	44	11	11	11	11	38	24	23	25	27.5
3	1SV17CS018	JUNAID ULLA KHAN	29	27	AB	29	20	7	0	3	3	2	2	29	7.3	7.3	7.3	7.3	39.3	30.3	16.3	9.3	23.8
4	1SV17CS024	MANASA V	28	29	AB	28	20	9	0	3	3	2	2	17	4.3	4.3	4.3	4.3	35.3	27.3	15.3	6.3	21.1
5	1SV17CS027	NAVYA S	29	12	AB	29	10	2	0	3	3	2	2	21	5.3	5.3	5.3	5.3	37.3	18.3	9.3	7.3	18.1
6	1SV17CS034	RAGHU RAM GK	27	13	15	27	10	3	15	3	3	2	2	33	8.3	8.3	8.3	8.3	38.3	21.3	13.3	25.3	24.6
7	1SV18CS001	ABDULLAH	28	26	10	28	20	6	10	3	3	2	2	38	9.5	9.5	9.5	9.5	40.5	32.5	17.5	21.5	28.0
8	1SV18CS003	AMULYA J M	29	24	24	29	20	4	24	3	3	2	2	47	11.8	11.8	11.8	11.8	43.8	34.8	17.8	37.8	33.6
9	1SV18CS004	TIWARI	29	22	21	29	10	12	21	3	3	2	2	26	6.5	6.5	6.5	6.5	38.5	19.5	20.5	29.5	27.0
10	1SV18CS005	BASAVARAJA	29	24	16	29	20	4	16	3	3	2	2	38	9.5	9.5	9.5	9.5	41.5	32.5	15.5	27.5	29.3
11	1SV18CS007	BHAVYA H P	29	24	28	29	20	4	28	3	3	2	2	32	8	8	8	8	40	31	14	38	30.8
12	1SV18CS008	[illegible]	28	10	20	28	5	5	20	3	3	2	2	39	9.8	9.8	9.8	9.8	40.8	17.8	16.8	31.8	26.8
13	1SV18CS011	DHARMANA HARIKA	29	20	21	29	10	10	21	3	3	2	2	39	9.8	9.8	9.8	9.8	41.8	22.8	21.8	32.8	29.8
14	1SV18CS014	ENCHARA M	29	25	28	29	20	5	28	3	3	2	2	31	7.8	7.8	7.8	7.8	39.8	30.8	14.8	37.8	30.8
15	1SV18CS015	GAGANA N	29	21	20	29	15	6	20	3	3	2	2	44	11	11	11	11	43	29	19	33	31.0
16	1SV18CS017	GANYA KUMAR G R	29	18	AB	29	10	8	0	3	3	2	2	42	10.5	10.5	10.5	10.5	42.5	23.5	20.5	12.5	24.8
17	1SV18CS019	HADA AMAL KHAN	29	24	19	29	20	4	19	3	3	2	2	29	7.3	7.3	7.3	7.3	39.3	30.3	13.3	28.3	27.8
18	1SV18CS021	[illegible]	29	25	AB	29	20	5	0	3	3	2	2	35	8.8	8.8	8.8	8.8	40.8	31.8	15.8	10.8	24.8
19	1SV18CS022	KUSHAL KUMAR D	28	19	19	28	10	9	19	3	3	2	2	34	8.5	8.5	8.5	8.5	39.5	21.5	19.5	29.5	27.5
20	1SV18CS023	LAVANYA T A	29	17	AB	29	10	7	0	3	3	2	2	29	7.3	7.3	7.3	7.3	39.3	20.3	16.3	9.3	21.3
21	1SV18CS024	NAYAKA S	29	10	AB	29	5	5	0	3	3	2	2	43	10.8	10.8	10.8	10.8	42.8	18.8	17.8	12.8	23.1
22	1SV18CS025	MANORANJAN P M	29	20	10	29	10	10	10	3	3	2	2	33	8.3	8.3	8.3	8.3	40.3	21.3	20.3	20.3	25.6
23	1SV18CS026	MURFUA FATHIMA	29	28	18	29	20	8	18	3	3	2	2	53	13.3	13.3	13.3	13.3	45.3	36.3	23.3	33.3	34.6
24	1SV18CS028	MEGHANA G S	29	27	AB	29	20	7	0	3	3	2	2	26	6.5	6.5	6.5	6.5	38.5	29.5	15.5	8.5	23.0
25	1SV18CS029	NANDA T M	29	27	25	29	20	7	25	3	3	2	2	35	8.8	8.8	8.8	8.8	40.8	31.8	17.8	35.8	31.6
26	1SV18CS030	DURGAD	16	11	15	16	10	1	15	3	3	2	2	33	8.3	8.3	8.3	8.3	27.3	21.3	11.3	25.3	21.3
27	1SV18CS031	PRAGNA H S	29	27	18	29	20	7	18	3	3	2	2	33	8.3	8.3	8.3	8.3	40.3	31.3	17.3	28.3	29.3
28	1SV18CS032	PRAJWAL C	28	27	15	28	15	12	15	3	3	2	2	41	10.3	10.3	10.3	10.3	41.3	28.3	24.3	27.3	30.3
29	1SV18CS033	PRIYADARSHINI R	29	26	26	29	20	6	26	3	3	2	2	41	10.3	10.3	10.3	10.3	42.3	33.3	18.3	38.3	33.1
30	1SV18CS038	SHRADDHA S	29	27	AB	29	20	7	0	3	3	2	2	23	5.8	5.8	5.8	5.8	37.8	28.8	14.8	7.8	22.3
31	1SV18CS042	SUSHMA H S	29	18	26	29	10	8	26	3	3	2	2	28	7	7	7	7	39	20	17	35	27.8
32	1SV18CS043	THUNGASHREE	29	25	22	29	20	2	22	3	3	2	2	52	13	13	13	13	45	36	17	37	33.8
33	1SV18CS045	VIJAYALAXMI	29	21	21	29	10	11	21	3	3	2	2	29	7.3	7.3	7.3	7.3	39.3	20.3	20.3	30.3	27.6
34	1SV18CS046	VIVEKANAND MATH	0	22	20	0	10	12	20	3	3	2	2	32	8	8	8	8	11	21	22	30	21.0
35	1SV19CS400	H R [illegible]	29	27	22	29	20	7	22	3	3	2	2	28	7	7	7	7	39	30	16	31	29.0
36	1SV19CS401	VEENA L G	29	10	22	29	5	5	22	3	3	2	2	22	5.5	5.5	5.5	5.5	37.5	13.5	12.5	29.5	23.3
																			39.01	26.18	17.37	25.54	
																		PER	81.3	79.3	54.3	79.8	

HOD,
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SUBJECT	WEB TECHNOLOGY AND ITS APPLICATIONS	SUBJECT CODE	17CS71

COURSE OUTCOME

CO1. Define HTML and CSS syntax and semantics to build web pages.
CO2. Understand the concepts of Construct , visually format tables and forms using HTML using CSS
CO3. Develop Client-Side Scripts using JavaScript and Server-Side Scripts using PHP to generate and display the contents dynamically.
CO4. List the principles of object oriented development using PHP
CO5. Illustrate JavaScript frameworks like jQuery and Backbone which facilitates developer to focus on core features.

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.
PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.
PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.
PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling to complex engineering activities.
PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.
PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.
PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.
PO12 Life-long learning: recognition of the need for, and an ability to engage in, to resolve Contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY		
FACULTY NAME	Mr. RENUKARADHYA P.C		
BRANCH	CSE	ACADEMIC YEAR	2020-21
COURSE B.E	SEMESTER	VII	
SUBJECT	WEB TECHNOLOGY AND ITS APPLICATIONS	SUBJECT CODE	17CS71

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	2	2	1				1		1		2	1		
CO2	3	2	2		2							2			1
CO3	3	1	2			1		2		1		2	1		
CO4				1										2	
CO5					2		2		1						
AVERAGE	3	1.666667	2	1	2	1	2	1.5	1	1		2	2	2	1
OVERALL MAPPING OF SUBJECT													1.65		

CO AND PO ATTAINMENT

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	88.3	2.64	1.76	1.76	0.88				0.88		0.88		1.76	0.88		
CO2	41.93	1.25	0.83	0.83		0.83							0.83			0.41
CO3	40.72	1.22	0.4	0.81			0.4		0.81		0.40		0.81	0.40		
CO4	41.33				0.41										0.82	
CO5	40.19					0.86		0.86		0.40						
AVERAGE	50.49	1.7	0.99	1.13	0.64	0.84	0.4	0.86	0.84	0.4	0.64		1.13	0.64	0.82	0.41
FINAL ATTAINMENT LEVEL													0.81			

STAFF INCHARGE

H.O.D.
COMPUTER SCIENCE & ENGG.
SIET, TUMAKURU-06.

PRINCIPAL
SIET, TUMAKURU

20-21 odd
CS

		17CS71	WTA 20-2021 OE			SEM :VII SEM					RPC: Mr. RENUKARADHYA P C															
						T1	T2	T2	T3	T3	ASSIGNMENT 10/5					MARKS(60)					Total Cos ATTAINMENT					SEE T
Roll No.	USN	Name	T1	T2	T3	CO1-30	CO2-30	CO3-30	CO4-30	CO5-30	CO1 =2	CO2 =2	CO3 =2	CO4 =2	CO5 =2	CO1=1	CO2=1	CO3=1	CO4=1	CO5=1	CO1=6	CO2=6	CO3=6	CO4=6	CO5=6	60M
1	1SV15CS070	PRIYA PANDA	30	29	26	30	15	14	13	13	2	2	2	2	2	4.2	4.2	4.2	4.2	4.2	36.2	21.2	20.2	19.2	19.2	21
2	1SV17CS001	ABHISHEK KUMAR PRAS	30	AB	14	30	0	0	7	7	2	2	2	2	2	8.6	8.6	8.6	8.6	8.6	40.6	10.6	10.6	17.6	17.6	43
3	1SV17CS002	ABHISHEK PANDEY	30	AB	16	30	0	0	8	8	2	2	2	2	2	6	6	6	6	6	38	8	8	16	16	30
4	1SV17CS003	AISHWARYA MERY E	30	29	22	30	15	14	11	11	2	2	2	2	2	6.6	6.6	6.6	6.6	6.6	38.6	23.6	22.6	19.6	19.6	33
5	1SV17CS004	AMAN PRASAD KALWAR	30	30	29	30	15	15	15	14	2	2	2	2	2	9.6	9.6	9.6	9.6	9.6	41.6	26.6	26.6	26.6	25.6	48
6	1SV17CS006	ANUPRIYA SINGH	30	9	21	30	5	4	11	10	2	2	2	2	2	8.2	8.2	8.2	8.2	8.2	40.2	15.2	14.2	21.2	20.2	41
7	1SV17CS009	BHOOMIKA M	30	29	22	30	15	14	11	11	2	2	2	2	2	9.4	9.4	9.4	9.4	9.4	41.4	26.4	25.4	22.4	22.4	47
8	1SV17CS012	CHANDANA D GOWDA	30	29	29	30	15	14	15	14	2	2	2	2	2	9.8	9.8	9.8	9.8	9.8	41.8	26.8	25.8	26.8	25.8	49
9	1SV17CS013	CHETHAN D	30	26	19	30	13	13	10	9	2	2	2	2	2	8	8	8	8	8	40	23	23	20	19	40
10	1SV17CS014	EVA REGMI	30	AB	10	30	0	0	5	5	2	2	2	2	2	6.6	6.6	6.6	6.6	6.6	38.6	8.6	8.6	13.6	13.6	33
11	1SV17CS016	HARSHITHA B A	30	29	23	30	15	14	12	11	2	2	2	2	2	7.2	7.2	7.2	7.2	7.2	39.2	24.2	23.2	21.2	20.2	36
12	1SV17CS017	HARSHITHA K	30	26	9	30	13	13	5	4	2	2	2	2	2	5.8	5.8	5.8	5.8	5.8	37.8	20.8	20.8	12.8	11.8	29
13	1SV17CS019	KAVYA H S	30	16	16	30	8	8	8	8	2	2	2	2	2	7	7	7	7	7	39	17	17	17	17	35
14	1SV17CS020	KAVYASHREE B K	28	AB	20	28	0	0	10	10	2	2	2	2	2	7.8	7.8	7.8	7.8	7.8	37.8	9.8	9.8	19.8	19.8	39
15	1SV17CS021	KRUPANKH D N	30	27	29	30	14	13	15	14	2	2	2	2	2	8.4	8.4	8.4	8.4	8.4	40.4	24.4	23.4	25.4	24.4	42
16	1SV17CS023	MANASA N R	30	29	10	30	15	14	5	5	2	2	2	2	2	6.8	6.8	6.8	6.8	6.8	38.8	23.8	22.8	13.8	13.8	34
17	1SV17CS025	MAYANK SINHA	30	AB	19	30	0	0	10	9	2	2	2	2	2	8.2	8.2	8.2	8.2	8.2	40.2	10.2	10.2	20.2	19.2	41
18	1SV17CS026	NANDITHA	30	23	24	30	13	12	12	12	2	2	2	2	2	5.8	5.8	5.8	5.8	5.8	37.8	20.8	19.8	19.8	19.8	29
19	1SV17CS029	NIDHI ANAND	30	AB	20	30	0	0	10	10	2	2	2	2	2	6	6	6	6	6	38	8	8	18	18	30
20	1SV17CS030	NIKESH KUMAR TIWARI	30	23	13	30	12	11	7	6	2	2	2	2	2	6.2	6.2	6.2	6.2	6.2	38.2	20.2	19.2	15.2	14.2	31
21	1SV17CS031	NOOR ASFIYA	30	23	14	30	12	11	7	7	2	2	2	2	2	5.8	5.8	5.8	5.8	5.8	37.8	19.8	18.8	14.8	14.8	29
22	1SV17CS032	PRATHAMA GOWDA Y P	30	14	1	30	7	7	1	0	2	2	2	2	2	6.4	6.4	6.4	6.4	6.4	38.4	15.4	15.4	9.4	8.4	32
23	1SV17CS035	RAJESH KUMAR KAHAR	30	AB	20	30	0	0	10	10	2	2	2	2	2	7.6	7.6	7.6	7.6	7.6	39.6	9.6	9.6	19.6	19.6	38
24	1SV17CS036	SABHA KHANUM	30	27	13	30	14	13	7	6	2	2	2	2	2	6.6	6.6	6.6	6.6	6.6	38.6	22.6	21.6	15.6	14.6	33
25	1SV17CS037	SADANAND KUMAR	30	27	17	30	14	13	9	8	2	2	2	2	2	5.4	5.4	5.4	5.4	5.4	37.4	21.4	20.4	16.4	15.4	27
26	1SV17CS038	SAURABH PANDEY	28	28	4	28	14	14	2	2	2	2	2	2	2	5.2	5.2	5.2	5.2	5.2	35.2	21.2	21.2	9.2	9.2	26
27	1SV17CS039	TEZASHREE POKHAREL	30	AB	16	30	0	0	8	8	2	2	2	2	2	7.6	7.6	7.6	7.6	7.6	39.6	9.6	9.6	17.6	17.6	38
28	1SV17CS040	UDAYA	30	29	29	30	15	14	15	14	2	2	2	2	2	7.6	7.6	7.6	7.6	7.6	39.6	24.6	23.6	24.6	23.6	38
29	1SV17CS041	VIDHYA C M	28	29	13	28	15	14	7	6	2	2	2	2	2	9	9	9	9	9	39	26	25	18	17	45
30	1SV17CS042	VIJAY KUMAR JHA	30	AB	15	30	8	7	8	7	2	2	2	2	2	4.2	4.2	4.2	4.2	4.2	36.2	14.2	13.2	14.2	13.2	21
																				AVG	38.9	18.5	17.9	18.2	17.7	
																				PERC	88.3	41.9	40.7	41.3	40.2	

Signature of Staff

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COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.

Department of Computer Science and Engineering

COURSE OUTCOME

CO1. Understand the concepts of parallel computing and hardware technologies
CO2. Illustrate and contrast the parallel architectures
CO3. Recall parallel programming concepts

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.
PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.
PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.
PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities.
PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.
PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.
PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.
PO12 Life-long learning: A recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr. MALLESH H L				
BRANCH	CSE	ACADEMIC YEAR	2020-21		
COURSE	B.E	SEMESTER	VII	SECTION	
SUBJECT	Advanced Computer Architectures	SUBJECT CODE	17CS72		

CO-PO-PSO Mapping															
COs	Pos												PSOs		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
CO1	2	2	2									2	3		
CO2	3	2										2	2		
CO3	3	2										2	2		
Average	2.6	2	2									2	2.3		

CO AND PO ATTAINMENT

ATTAINMENT TABLE															
COs	AVG	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	76.8	1.53	1.53	1.53									1.53	2.30		
CO2	85.7	2.57	1.71										1.71	1.71		
CO3	70.8	2.12	1.41										1.41	1.41		
AVERAGE		2.07	1.55	1.53									1.53	1.80		

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SIET, TUMAKURU-06.

PRINCIPAL
SIET., TUMAKURU.

STAFF INCHARGE

Department of Computer Science & Engg

Average Internals Marks & Attendance Report(ODD SEM) 2020-21

Roll No.	USN	Name	17CS72			2020-21		SEM: VII		ODD		SUB:ACA			FACULTY:Mr.MALLESHA H L				
			IA			T1	T2	T3	ASSIGNMENT 10/3			EXTERNAL			Final			TOTAL AVG
			T1	T2	T3	CO1-15	CO2-15	CO3-15	CO1-4	CO2-3	CO3-3	SEE(60)	CO1-20	CO2-20	CO3-20	CO1-39	CO2-38	CO3-38	
1	1SV15CS070	PRIYA PANDA	25	21	26	25	21	26	4	3	3	40	13.3	13.3	13.3	42.3	37.3	42.3	41
2	1SV17CS001	ABHISHEK KUMAR PR	AB	18	23	0	18	23	4	3	3	41	13.7	13.7	13.7	17.7	34.7	39.7	31
3	1SV17CS002	ABHISHEK PANDEY	AB	18	20	0	18	20	4	3	3	21	7	7	7	11	28	30	23
4	1SV17CS003	AISHWARYA MERY E	20	17	17	20	17	17	4	3	3	32	10.7	10.7	10.7	34.7	30.7	30.7	32
5	1SV17CS004	AMAN PRASAD KALW	20	26	23	20	26	23	4	3	3	38	12.7	12.7	12.7	36.7	41.7	38.7	39
6	1SV17CS006	ANUPRIYA SINGH	29	18	21	29	18	21	4	3	3	23	7.7	7.7	7.7	40.7	28.7	31.7	34
7	1SV17CS009	BHOOMIKA M	23	22	AB	23	22	0	4	3	3	38	12.7	12.7	12.7	39.7	37.7	15.7	31
8	1SV17CS012	CHANDANA D GOWDA	27	28	25	27	28	25	4	3	3	42	14	14	14	45	45	42	44
9	1SV17CS013	CHETHAN D	27	27	23	27	27	23	4	3	3	36	12	12	12	43	42	38	41
10	1SV17CS014	EVA REGMI	AB	7	24	0	7	24	4	3	3	24	8	8	8	12	18	35	22
11	1SV17CS016	HARSHITHA B A	25	21	21	25	21	21	4	3	3	32	10.7	10.7	10.7	39.7	34.7	34.7	36
12	1SV17CS017	HARSHITHA K	24	19	AB	24	19	0	4	3	3	27	9	9	9	37	31	12	27
13	1SV17CS019	KAVYA H S	14	24	AB	14	24	0	4	3	3	29	9.7	9.7	9.7	27.7	36.7	12.7	26
14	1SV17CS020	KAVYASHREE B K	25	AB	25	25	0	25	4	3	3	29	9.7	9.7	9.7	38.7	12.7	37.7	30
15	1SV17CS021	KRUPANKH D N	29	26	AB	29	26	0	4	3	3	45	15	15	15	48	44	18	37
16	1SV17CS023	MANASA N R	26	28	22	26	28	22	4	3	3	38	12.7	12.7	12.7	42.7	43.7	37.7	41
17	1SV17CS025	MAYANK SINHA	AB	23	17	0	23	17	4	3	3	37	12.3	12.3	12.3	16.3	38.3	32.3	29
18	1SV17CS026	NANDITHA	16	21	AB	16	21	0	4	3	3	35	11.7	11.7	11.7	31.7	35.7	14.7	27
19	1SV17CS029	NIDHI ANAND	AB	24	24	0	24	24	4	3	3	41	13.7	13.7	13.7	17.7	40.7	40.7	33
20	1SV17CS030	NIKESH KUMAR TIWA	18	18	AB	18	18	0	4	3	3	23	7.7	7.7	7.7	29.7	28.7	10.7	23
21	1SV17CS031	NOOR ASFIYA	17	14	AB	17	14	0	4	3	3	23	7.7	7.7	7.7	28.7	24.7	10.7	21
22	1SV17CS032	PRATHAMA GOWDA Y	20	16	AB	20	16	0	4	3	3	0	0	0	0	24	19	3	15
23	1SV17CS035	RAJESH KUMAR KAHA	AB	23	20	0	23	20	4	3	3	25	8.3	8.3	8.3	12.3	34.3	31.3	26
24	1SV17CS036	SABHA KHANUM	16	15	AB	16	15	0	4	3	3	27	9	9	9	29	27	12	23
25	1SV17CS037	SADANAND KUMAR	21	19	22	21	19	22	4	3	3	21	7	7	7	32	29	32	31
26	1SV17CS038	SAURABH PANDEY	8	11	AB	8	11	0	4	3	3	21	7	7	7	19	21	10	17
27	1SV17CS039	TEZASHREE POKHARI	AB	15	21	0	15	21	4	3	3	39	13	13	13	17	31	37	28
28	1SV17CS040	UDAYA	23	22	14	23	22	14	4	3	3	34	11.3	11.3	11.3	38.3	36.3	28.3	34
29	1SV17CS041	VIDHYA C M	20	19	0	20	19	0	4	3	3	31	10.3	10.3	10.3	34.3	32.3	13.3	27
30	1SV17CS042	VIJAY KUMAR JHA	AB	21	24	0	21	24	4	3	3	24	8	8	8	12	32	35	26
																30.0	32.6	26.9	
															PER	76.8	85.7	70.8	

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY														
FACULTY NAME	PROF. SHANMUKASWAMY C V														
BRANCH	CS		ACADEMIC YEAR		2020-2021										
COURSE	B.E	SEMESTER	VII	SECTION	[CSE]										
COURSE	MACHINE LEARNING			COURSE CODE	17CS73										

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3	3									2	2		
CO2	3	3	3									2	2		
CO3	3	3	3									2	2		
AVERAGE	3	3	3									2	2		
OVERALL MAPPING OF COURSE															2.25

CO AND PO ATTAINMENT

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	86	2.6	2.6	2.6									1.7	1.7		
CO2	73.9	2.2	2.2	2.2									1.48	1.48		
CO3	73	2.2	2.2	2.2									1.5	1.5		
AVERAGE		**2.3**	**2.3**	**2.3**									**1.56**	**1.56**		
FINAL ATTAINMENT LEVEL																2.004

HOD,
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.

PRINCIPAL
SIET., TUMAKURU

Mr. Shanmukaswamy CV
STAFF INCHARGE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

COs,POs ATTAINMENT

ACADEMIC YEAR -2020-21[ODD SEM]

CLASS:7th SEM CSE **Course Name :Machine Learning [17CS73]**

Roll No.	USN	Name	T1	T2		T3	ASSIGNMENT 10/3				SEE[60/4]			Final COs			Attainment [stud]
			CO1 30	CO2-15	CO3-15	CO3 30	CO1 3	CO2 4	CO3 3	SEE [60]	CO1 20	CO2 20	CO3 20	CO1 53	CO2 39	CO3 68	
1	1SV15CS070	PRIYA PANDA	30	14	13	25	3	4	3	39	13	13	13	46	31	54	82
2	1SV17CS001	ABHISHEK KUMAR PRASAD	30	11	12	23	3	4	3	37	13	12	12	46	27	50	77
3	1SV17CS002	ABHISHEK PANDEY	30	8	8	16	3	4	3	35	11	12	12	44	24	39	67
4	1SV17CS003	AISHWARYA MERY E	30	11	10	21	3	4	3	34	12	12	10	45	27	44	73
5	1SV17CS004	AMAN PRASAD KALWAR	30	15	14	20	3	4	3	40	13	13	14	46	32	51	81
6	1SV17CS006	ANUPRIYA SINGH	29	14	14	26	3	4	3	39	13	13	13	45	31	56	83
7	1SV17CS009	BHOOMIKA M	30	15	14	29	3	4	3	40	13	13	14	46	32	60	86
8	1SV17CS012	CHANDANA D GOWDA	30	14	15	29	3	4	3	40	14	13	13	47	31	60	86
9	1SV17CS013	CHETHAN D	30	15	14	19	3	4	3	40	13	14	13	46	33	49	80
10	1SV17CS014	EVA REGMI	30	8	8	16	3	4	3	35	12	12	11	45	24	38	67
11	1SV17CS016	HARSHITHA B A	30	15	14	29	3	4	3	40	13	13	14	46	32	60	86
12	1SV17CS017	HARSHITHA K	29	13	14	26	3	4	3	38	13	12	13	45	29	56	81
13	1SV17CS019	KAVYA H S	29	14	13	19	3	4	3	38	12	13	13	44	31	48	77
14	1SV17CS020	KAVYASHREE B K	27	13	13	20	3	4	3	37	12	13	12	42	30	48	75
15	1SV17CS021	KRUPANKH D N	30	15	15	30	3	4	3	40	13	13	14	46	32	62	88
16	1SV17CS023	MANASA N R	30	15	14	29	3	4	3	40	14	14	13	47	33	59	87
17	1SV17CS025	MAYANK SINHA	30	14	15	29	3	4	3	40	14	13	14	47	31	61	87
18	1SV17CS026	NANDITHA	30	13	13	16	3	4	3	39	13	13	13	46	30	45	76
19	1SV17CS029	NIDHI ANAND	30	14	14	28	3	4	3	39	13	13	13	46	31	58	84
20	1SV17CS030	NIKESH KUMAR TIWARI	30	12	13	16	3	4	3	38	13	12	13	46	28	45	74
21	1SV17CS031	NOOR ASFIYA	30	13	12	25	3	4	3	38	13	12	13	46	29	53	80
22	1SV17CS032	PRATHAMA GOWDA Y P	30	8	8	14	3	4	3	35	12	12	11	45	24	36	66
23	1SV17CS035	RAJESH KUMAR KAHAR	30	8	7	15	3	4	3	35	12	12	11	45	24	36	66
24	1SV17CS036	SABHA KHANUM	30	10	10	16	3	4	3	36	12	12	12	45	26	41	70
25	1SV17CS037	SADANAND KUMAR	30	12	12	23	3	4	3	38	13	12	13	46	28	51	78
26	1SV17CS038	SAURABH PANDEY	29	13	13	26	3	4	3	37	13	12	12	45	29	54	80
27	1SV17CS039	TEZASHREE POKHAREL	29	4	4	8	3	4	3	32	10	11	11	42	19	26	54
28	1SV17CS040	UDAYA	30	15	15	29	3	4	3	40	13	14	13	46	33	60	87
29	1SV17CS041	VIDHYA C M	30	11	12	18	3	4	3	37	13	13	11	46	28	44	74
30	1SV17CS042	VIJAY KUMAR JHA	30	10	9	19	3	4	3	36	12	12	12	45	26	43	71
														45	28.8	50	
														86	73.9	73	

Attainment

Prof Thejaswini Subramanya CV

HOD,
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.

Department of Computer Science and Engineering

COURSE OUTCOME

CO1. Ability to understand and reason out the working of Unix Systems

CO2. Build an application/service over a UNIX system.

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.
PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.
PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.
PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities.
PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.
PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.
PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.
PO12 Life-long learning: A recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr. BASAVESHA D				
BRANCH	CSE	ACADEMIC YEAR	2020-21		
COURSE	B.E	SEMESTER	VII	SECTION	
SUBJECT	Unix System Programming		SUBJECT CODE	17CS744	

CO-PO-PSO Mapping															
COs	Pos												PSOs		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
CO1	2		1	1	1				1		1	1	2	2	2
CO2	1		1	1	1				1		1	3	2	2	2
Average	2		1	2	1				1		1	2	2	2	2

CO AND PO ATTAINMENT

ATTAINMENT TABLE															
COs	AVG	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	78.5	1.57		0.78	0.78	0.78				0.78		0.78	0.78	1.57	1.57	1.57
CO2	64.8	0.64		0.64	0.64	0.64				0.64		0.64	1.93	1.29	1.29	1.29
AVG		1.10		0.71	0.71	0.71				0.71		0.71	1.35	1.43	1.43	1.43

Department of Computer Science & Engg

Average Internals Marks & Attendance Report(ODD SEM) 2020-21

Roll No.	USN	Name	17CS744			2020-2021		SEM: VII		ODD		FACULTY:Dr.Basavesha D			
			SUB:USP			T1		ASSIGNMENT 10/2		EXTERNAL			Final		TOTAL AVG
			T1	T2	T3	CO1-30	CO2-60	CO1-5	CO2-5	SEE(60)	CO1-30	CO2-30	CO1-65	CO2-95	
1	1SV15CS070	PRIYA PANDA	29	26	28	29	54	5	5	34	17	17	51	76	63.5
2	1SV17CS001	ABHISHEK KUMAR	28	0	27	28	27	5	5	38	19	19	52	51	51.5
3	1SV17CS002	ABHISHEK PANDEY	28	0	26	28	26	5	5	21	10.5	10.5	43.5	41.5	42.5
4	1SV17CS003	AISHWARYA MERV	29	17	23	29	40	5	5	33	16.5	16.5	50.5	61.5	56
5	1SV17CS004	AMAN PRASAD KA	29	29	29	29	58	5	5	44	22	22	56	85	70.5
6	1SV17CS006	ANUPRIYA SINGH	29	25	27	29	52	5	5	33	16.5	16.5	50.5	73.5	62
7	1SV17CS009	BHOOMIKA M	29	24	26	29	50	5	5	36	18	18	52	73	62.5
8	1SV17CS012	CHANDANA D GOW	29	28	20	29	48	5	5	45	22.5	22.5	56.5	75.5	66
9	1SV17CS013	CHETHAN D	29	26	28	29	54	5	5	38	19	19	53	78	65.5
10	1SV17CS014	EVA REGMI	28	0	19	28	19	5	5	32	16	16	49	40	44.5
11	1SV17CS016	HARSHITHA B A	29	21	29	29	50	5	5	47	23.5	23.5	57.5	78.5	68
12	1SV17CS017	HARSHITHA K	29	22	27	29	49	5	5	32	16	16	50	70	60
13	1SV17CS019	KAVYA H S	29	22	16	29	38	5	5	30	15	15	49	58	53.5
14	1SV17CS020	KAVYASHREE B K	27	22	19	27	41	5	5	32	16	16	48	62	55
15	1SV17CS021	KRUPANKH D N	29	29	29	29	58	5	5	41	20.5	20.5	54.5	83.5	69
16	1SV17CS023	MANASA N R	29	29	29	29	58	5	5	32	16	16	50	79	64.5
17	1SV17CS025	MAYANK SINHA	28	0	28	28	28	5	5	51	25.5	25.5	58.5	58.5	58.5
18	1SV17CS026	NANDITHA	29	14	27	29	41	5	5	32	16	16	50	62	56
19	1SV17CS029	NIDHI ANAND	29	0	27	29	27	5	5	38	19	19	53	51	52
20	1SV17CS030	NIKESH KUMAR TI	27	15	20	27	35	5	5	28	14	14	46	54	50
21	1SV17CS031	NOOR ASFIYA	29	13	22	29	35	5	5	28	14	14	48	54	51
22	1SV17CS032	PRATHAMA GOWD	27	5	13	27	18	5	5	15	7.5	7.5	39.5	30.5	35
23	1SV17CS035	RAJESH KUMAR KA	28	0	29	28	29	5	5	21	10.5	10.5	43.5	44.5	44
24	1SV17CS036	SABHA KHANUM	28	11	20	28	31	5	5	35	17.5	17.5	50.5	53.5	52
25	1SV17CS037	SADANAND KUMA	28	17	29	28	46	5	5	40	20	20	53	71	62
26	1SV17CS038	SAURABH PANDEY	27	6	20	27	26	5	5	35	17.5	17.5	49.5	48.5	49
27	1SV17CS039	TEZASHREE POKH	28	0	22	28	22	5	5	30	15	15	48	42	45
28	1SV17CS040	UDAYA	29	22	29	29	51	5	5	39	19.5	19.5	53.5	75.5	64.5
29	1SV17CS041	VIDHYA C M	29	18	17	29	35	5	5	50	25	25	59	65	62
30	1SV17CS042	VIJAY KUMAR JHA	29	0	26	29	26	5	5	45	22.5	22.5	56.5	53.5	55
													51.05	61.65	
												PER	78.54	64.89	

COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.

SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY

SIRA ROAD, TUMKUR- 572 106.

Department of Computer Science and Engineering

COURSE OUTCOME

CO1. Identify key challenges in managing information and analyze different storagenetworking technologies and virtualization.
CO2. Explain components and the implementation of NAS
CO3. Describe CAS architecture and types of archives and forms of virtualization.
CO4. Illustrate the storage infrastructure and management activities.

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.
PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.
PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.
PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities.
PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.
PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.
PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.
PO12 Life-long learning: A recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr. KIRAN G M				
BRANCH	CSE		ACADEMIC YEAR		2020-21
COURSE	B.E	SEMESTER	VII	SECTION	
SUBJECT	Storage Area Networks		SUBJECT CODE		17CS754

CO-PO-PSO Mapping															
COs	Pos												PSOs		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
CO1		3											3		
CO2			3										3		
CO3		2											3		
CO4		2											3		
Average		2.33	3										3		

CO AND PO ATTAINMENT

ATTAINMENT TABLE															
COs	AVG	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	87.1		2.61											2.61		
CO2	76.3			2.28										2.28		
CO3	76		1.52											2.28		
CO4	82.3		1.64											2.46		
AVERAGE			1.92	2.38										2.40		

STAFF INCHARGE

HOD,
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06

PRINCIPAL
SIET., TUMAKURU

SUB: STORAGE AREA NETWORKS				SEM:V		ODD	KIRAN G M					17CS754			2020-2021								TOTAL AVERAGE
										ASSIGNMENT 10/4				SEE					FINAL				
Roll No.	USN	Name	T1	T2	T3	T1	T2		T3	CO1-3	CO2-2	CO3-2	CO4-3	SEE	CO1-15	CO2-15	CO3-15	CO4-15	CO1-48	CO2-32	CO3-32	CO4-48	
1	1SV15CS070	PRIYA PANDA	30	29	29	30	15	14	29	3	2	2	3	21	5.3	5.3	5.3	5.3	38.3	22.3	21.3	37.3	34.8
2	1SV17CS001	ABHISHEK KUMAR PRASAD	30	29	27	30	14	15	27	3	2	2	3	43	10.8	10.8	10.8	10.8	43.8	26.8	27.8	40.8	30.75
3	1SV17CS002	ABHISHEK PANDEY	30	26	27	30	13	13	27	3	2	2	3	30	7.5	7.5	7.5	7.5	40.5	22.5	22.5	37.5	31.8
4	1SV17CS003	AISHWARYA MERY E	30	27	27	30	13	14	27	3	2	2	3	33	8.3	8.3	8.3	8.3	41.3	23.3	24.3	38.3	36.75
5	1SV17CS004	AMAN PRASAD KALWAR	30	29	30	30	15	14	30	3	2	2	3	48	12	12	12	12	45	29	28	45	33.8
6	1SV17CS006	ANUPRIYA SINGH	30	26	28	30	13	13	28	3	2	2	3	41	10.3	10.3	10.3	10.3	43.3	25.3	25.3	41.3	35.55
7	1SV17CS009	BHOOMIKA M	30	27	28	30	14	13	28	3	2	2	3	47	11.8	11.8	11.8	11.8	44.8	27.8	26.8	42.8	36.8
8	1SV17CS012	CHANDANA D GOWDA	30	29	29	30	15	14	29	3	2	2	3	49	12.3	12.3	12.3	12.3	45.3	29.3	28.3	44.3	33.5
9	1SV17CS013	CHETHAN D	30	27	27	30	13	14	27	3	2	2	3	40	10	10	10	10	43	25	26	40	31.3
10	1SV17CS014	EVA REGMI	30	24	25	30	14	13	25	3	2	2	3	33	8.3	8.3	8.3	8.3	41.3	24.3	23.3	36.3	33
11	1SV17CS016	HARSHITHA B A	30	27	29	30	13	14	29	3	2	2	3	36	9	9	9	9	42	24	25	41	31.05
12	1SV17CS017	HARSHITHA K	30	27	28	30	14	13	28	3	2	2	3	29	7.3	7.3	7.3	7.3	40.3	23.3	22.3	38.3	31.8
13	1SV17CS019	KAVYA H S	30	24	28	30	12	12	28	3	2	2	3	35	8.8	8.8	8.8	8.8	41.8	22.8	22.8	39.8	34.3
14	1SV17CS020	KAVYASHREE B K	30	29	29	30	15	14	29	3	2	2	3	39	9.8	9.8	9.8	9.8	42.8	26.8	25.8	41.8	34.5
15	1SV17CS021	KRUPANKH D N	30	27	29	30	14	13	29	3	2	2	3	42	10.5	10.5	10.5	10.5	43.5	26.5	25.5	42.5	32.25
16	1SV17CS023	MANASA N R	30	27	28	30	13	14	28	3	2	2	3	34	8.5	8.5	8.5	8.5	41.5	23.5	24.5	39.5	34.05
17	1SV17CS025	MAYANK SINHA	30	27	28	30	14	13	28	3	2	2	3	41	10.3	10.3	10.3	10.3	43.3	26.3	25.3	41.3	30.55
18	1SV17CS026	NANDITHA	30	26	27	30	13	13	27	3	2	2	3	29	7.3	7.3	7.3	7.3	40.3	22.3	22.3	37.3	31
19	1SV17CS029	NIDHI ANAND	30	27	27	30	14	13	27	3	2	2	3	30	7.5	7.5	7.5	7.5	40.5	23.5	22.5	37.5	31.3
20	1SV17CS030	NIKESH KUMAR TIWARI	30	27	27	30	13	14	27	3	2	2	3	31	7.8	7.8	7.8	7.8	40.8	22.8	23.8	37.8	30.8
21	1SV17CS031	NOOR ASFIYA	30	27	27	30	14	13	27	3	2	2	3	29	7.3	7.3	7.3	7.3	40.3	23.3	22.3	37.3	31.5
22	1SV17CS032	PRATHAMA GOWDA Y P	29	27	28	29	13	14	28	3	2	2	3	32	8	8	8	8	40	23	24	39	32.75
23	1SV17CS035	RAJESH KUMAR KAHAR	30	26	27	30	13	13	27	3	2	2	3	38	9.5	9.5	9.5	9.5	42.5	24.5	24.5	39.5	30.8
24	1SV17CS036	SAIBHA KHANUM	30	26	24	30	13	13	24	3	2	2	3	33	8.3	8.3	8.3	8.3	41.3	23.3	23.3	35.3	30.55
25	1SV17CS037	SADANAND KUMAR	30	27	28	30	14	13	28	3	2	2	3	27	6.8	6.8	6.8	6.8	39.8	22.8	21.8	37.8	30.25
26	1SV17CS038	SAURABH PANDEY	30	27	28	30	13	14	28	3	2	2	3	26	6.5	6.5	6.5	6.5	39.5	21.5	22.5	37.5	33.25
27	1SV17CS039	TEZASHREE POKHAREL	30	27	28	30	13	14	28	3	2	2	3	38	9.5	9.5	9.5	9.5	42.5	24.5	25.5	40.5	33.5
28	1SV17CS040	UDAYA	30	27	29	30	14	13	29	3	2	2	3	38	9.5	9.5	9.5	9.5	42.5	25.5	24.5	41.5	35.05
29	1SV17CS041	VIDHYA C M	30	27	28	30	13	14	28	3	2	2	3	45	11.3	11.3	11.3	11.3	44.3	26.3	27.3	42.3	28.3
30	1SV17CS042	VIJAY KUMAR JHA	30	26	26	30	13	13	26	3	2	2	3	21	5.3	5.3	5.3	5.3	38.3	20.3	20.3	34.3	32.513333
																			41.813	24.413	24.313	39.513	
																			87.1	76.3	76	82.3	

HOD,
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.

2020-21

EVEN SEM

SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY

SIRA ROAD, TUMKUR- 572 106.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SUBJECT	DESIGN AND ANALYSIS OF ALGORITHMS	SUBJECT CODE	18CS42

COURSE OUTCOME

CO1. Explain various computational problem solving techniques.

CO2. Apply appropriate method to solve a given problem.

CO3. Describe various methods of algorithm analysis.

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.

PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.

PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.

PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling to complex engineering activities.

PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.

PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.

PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.

PO12 Life-long learning: recognition of the need for, and an ability to engage in, to resolve Contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr SUTHAN R				
BRANCH	CSE	ACADEMIC YEAR	2020-2021 (20-21)		
COURSE	B.E	SEMESTER	IV	SECTION	
SUBJECT	DESIGN AND ANALYSIS OF ALGORITHMS	SUBJECT CODE	18CS42		

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2											2	2		
CO2		2		3								2	2		2
CO3			3									2	3		2
AVERAGE	2	2	3	3								2	2.33		2
OVERALL MAPPING OF SUBJECT												2.33			

CO AND PO ATTAINMENT

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	50.41	1.09											1.09	1.01		
CO2	50.41		1.09		1.51								1.09	1.01		1.01
CO3	66.02			1.98										1.98		1.32
AVERAGE	56.28	1.09	1.09	1.98	1.51								1.09	1.33		1.17
FINAL ATTAINMENT LEVEL													1.32			

STAFF INCHARGE

COMPUTER SCIENCE & ENGG.
SIET, TUMAKURU-06.

PRINCIPAL
SIET., TUMAKURU.

(20-21)

Academic year 2020-20		SEM IV		Total strength			Subject :DAA						18CS42						
		IA TEST 1(2M		IA TEST 2(2M)		IA TEST 3(30M)		ASSIGNEMENT / QUIZ(6/3M)			SEE MARKS(60)			Total Cos ATTAINMENT			% of individual CO			SEE Total
ROLL NO	USN	CO1=2	TOTAL	CO2=2	TOTAL	CO3=30	TOTAL	CO1=2	CO2	CO3	CO1=20	CO2	CO3	CO1=24	CO2=24	CO3=52	CO1	CO2	CO3	60M
1	1SV19CS001	2	2	2	2	10	10	2	2	2	8.33	8.33	8.33	12.33	12.33	20	51.375	51.375	39.09615	25
2	1SV19CS003	2	2	2	2	27	27	2	2	2				4	4	29	16.66667	16.66667	55.76923	
3	1SV19CS004	2	2	2	2	17	17	2	2	2	6	6	6	10	10	25	41.66667	41.66667	48.07692	18
4	1SV19CS005	2	2	2	2	24	24	2	2	2	6	6	6	10	10	32	41.66667	41.66667	61.53846	18
5	1SV19CS006	2	2	2	2	20	20	2	2	2	8.66	8.66	8.66	12.66	12.66	31	52.75	52.75	58.96154	26
6	1SV19CS007	2	2	2	2	22	22	2	2	2	8.66	8.66	8.66	12.66	12.66	33	52.75	52.75	62.80769	26
7	1SV19CS008	2	2	2	2	26	26	2	2	2	10.33	10.33	10.33	14.33	14.33	38	59.70833	59.70833	73.71154	31
8	1SV19CS009	2	2	2	2	16	16	2	2	2	5	5	5	9	9	23	37.5	37.5	44.23077	15
9	1SV19CS011	2	2	2	2	23	23	2	2	2	7.33	7.33	7.33	11.33	11.33	32	47.20833	47.20833	62.17308	22
10	1SV19CS013	2	2	2	2	28	28	2	2	2	8.33	8.33	8.33	12.33	12.33	38	51.375	51.375	73.71154	25
11	1SV19CS014	2	2	2	2	19	19	2	2	2	8	8	8	12	12	29	50	50	55.76923	24
12	1SV19CS015	2	2	2	2	30	30	2	2	2	10	10	10	14	14	42	58.33333	58.33333	80.76923	30
13	1SV19CS016	2	2	2	2	22	22	2	2	2	9	9	9	13	13	33	54.16667	54.16667	63.46154	27
14	1SV19CS017	2	2	2	2	23	23	2	2	2	3.33	3.33	3.33	7.33	7.33	28	30.54167	30.54167	54.48077	10
15	1SV19CS018	2	2	2	2	29	29	2	2	2	8	8	8	12	12	39	50	50	75	24
16	1SV19CS019	2	2	2	2	24	24	2	2	2	3.33	3.33	3.33	7.33	7.33	29	30.54167	30.54167	56.40385	10
17	1SV19CS020	2	2	2	2	28	28	2	2	2	9.66	9.66	9.66	13.66	13.66	40	56.91667	56.91667	76.26923	29
18	1SV19CS021	2	2	2	2	29	29	2	2	2	11	11	11	15	15	42	62.5	62.5	80.76923	33
19	1SV19CS022	2	2	2	2	25	25	2	2	2	8.67	8.67	8.67	12.67	12.67	36	52.79167	52.79167	68.59615	26
20	1SV19CS023	2	2	2	2	25	25	2	2	2	3.33	3.33	3.33	7.33	7.33	30	30.54167	30.54167	58.32692	10
21	1SV19CS024	2	2	2	2	26	26	2	2	2	2	2	2	6	6	30	25	25	57.69231	6
22	1SV19CS025	2	2	2	2	29	29	2	2	2	9.33	9.33	9.33	13.33	13.33	40	55.54167	55.54167	77.55769	28
23	1SV19CS026	2	2	2	2	29	29	2	2	2	1.33	1.33	1.33	5.33	5.33	32	22.20833	22.20833	62.17308	4
24	1SV19CS027	2	2	2	2	23	23	2	2	2	10	10	10	14	14	35	58.33333	58.33333	67.30769	30
25	1SV19CS028	2	2	2	2	19	19	2	2	2	8	8	8	12	12	29	50	50	55.76923	24
26	1SV19CS029	2	2	2	2	23	23	2	2	2	7.66	7.66	7.66	11.66	11.66	33	48.58333	48.58333	62.80769	23
27	1SV19CS030	2	2	2	2	29	29	2	2	2	10.66	10.66	10.66	14.66	14.66	42	61.08333	61.08333	80.11538	32
28	1SV19CS031	2	2	2	2	20	20	2	2	2	4.66	4.66	4.66	8.66	8.66	27	36.08333	36.08333	51.26923	14
29	1SV19CS032	2	2	2	2	23	23	2	2	2	10	10	10	14	14	35	58.33333	58.33333	67.30769	30
30	1SV19CS033	2	2	2	2	10	10	2	2	2	7	7	7	11	11	19	45.83333	45.83333	36.53846	21
31	1SV19CS034	2	2	2	2	30	30	2	2	2	11.33	11.33	11.33	15.33	15.33	43	63.875	63.875	83.32692	34
32	1SV19CS035	2	2	2	2	28	28	2	2	2	8	8	8	12	12	38	50	50	73.07692	24
33	1SV19CS036	2	2	2	2	19	19	2	2	2	5.66	5.66	5.66	9.66	9.66	27	40.25	40.25	51.26923	17
34	1SV19CS037	2	2	2	2	29	29	2	2	2	10	10	10	14	14	41	58.33333	58.33333	78.84615	30
35	1SV19CS038	2	2	2	2	20	20	2	2	2	8.66	8.66	8.66	12.66	12.66	31	52.75	52.75	58.96154	26
36	1SV19CS040	2	2	2	2	30	30	2	2	2	11.33	11.33	11.33	15.33	15.33	43	63.875	63.875	83.32692	34
37	1SV19CS041	2	2	2	2	22	22	2	2	2	8.33	8.33	8.33	12.33	12.33	32	51.375	51.375	62.17308	25
38	1SV19CS042	2	2	2	2	23	23	2	2	2	7.66	7.66	7.66	11.66	11.66	33	48.58333	48.58333	62.80769	23
39	1SV19CS043	2	2	2	2	21	21	2	2	2	8	8	8	12	12	31	50	50	59.61538	24
40	1SV19CS044	2	2	2	2	27	27	2	2	2	9	9	9	13	13	38	54.16667	54.16667	73.07692	27
41	1SV19CS045	2	2	2	2	23	23	2	2	2	9.66	9.66	9.66	13.66	13.66	35	56.91667	56.91667	66.65385	29
42	1SV19CS046	2	2	2	2	20	20	2	2	2	8.66	8.66	8.66	12.66	12.66	31	52.75	52.75	58.96154	26
43	1SV19CS047	2	2	2	2	25	25	2	2	2	9.33	9.33	9.33	13.33	13.33	36	55.54167	55.54167	69.86538	28
44	1SV19CS048	2	2	2	2	24	24	2	2	2	9.33	9.33	9.33	13.33	13.33	35	55.54167	55.54167	67.94231	28
45	1SV19CS050	2	2	2	2	28	28	2	2	2	10.33	10.33	10.33	14.33	14.33	40	59.70833	59.70833	77.55769	31

46	1SV19CS051	2	2	2	2	23	23	2	2	2	7.33	7.33	7.33	11.33	11.33	32	47.20833	47.20833	62.17308	22
47	1SV19CS052	2	2	2	2	27	27	2	2	2	8.33	8.33	8.33	12.33	12.33	37	51.375	51.375	71.78846	25
48	1SV19CS053	2	2	2	2	28	28	2	2	2	10.33	10.33	10.33	14.33	14.33	40	59.70833	59.70833	77.55769	31
49	1SV19CS054	2	2	2	2	16	16	2	2	2	7	7	7	11	11	25	45.83333	45.83333	48.07692	21
50	1SV19CS056	2	2	2	2	24	24	2	2	2	7.66	7.66	7.66	11.66	11.66	34	48.58333	48.58333	64.73077	23
51	1SV19CS057	2	2	2	2	30	30	2	2	2	12.33	12.33	12.33	16.33	16.33	44	68.04167	68.04167	85.25	37
52	1SV19CS058	2	2	2	2	28	28	2	2	2	11	11	11	15	15	41	62.5	62.5	78.84615	33
53	1SV19CS059	2	2	2	2	21	21	2	2	2	7.66	7.66	7.66	11.66	11.66	31	48.58333	48.58333	58.96154	23
54	1SV19CS060	2	2	2	2	24	24	2	2	2	9	9	9	13	13	35	54.16667	54.16667	67.30769	27
55	1SV19CS061	2	2	2	2	22	22	2	2	2	9	9	9	13	13	33	54.16667	54.16667	63.46154	27
56	1SV19CS062	2	2	2	2	27	27	2	2	2	7.33	7.33	7.33	11.33	11.33	36	47.20833	47.20833	69.86538	22
57	1SV19CS063	2	2	2	2	28	28	2	2	2	10	10	10	14	14	40	58.33333	58.33333	76.92308	30
58	1SV19CS064	2	2	2	2	29	29	2	2	2	8.33	8.33	8.33	12.33	12.33	39	51.375	51.375	75.63462	25
59	1SV19CS065	2	2	2	2	30	30	2	2	2	11	11	11	15	15	43	62.5	62.5	82.69231	33
60	1SV19CS066	2	2	2	2	30	30	2	2	2	10.66	10.66	10.66	14.66	14.66	43	61.08333	61.08333	82.03846	32
																				24.71186
																	50.40556	50.40556	66.02051	41.18644

SUTHAN.K

HOD,
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.

Department of Computer Science and Engineering

COURSE OUTCOME

CO1. Describe computational solution to well-known problems like searching,sorting etc.

CO2. Estimate the computational complexity of different algorithms.

CO3. Develop an algorithm using appropriate design strategies for problemsolving

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.
PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.
PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.
PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities.
PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.
PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.
PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.
PO12 Life-long learning: A recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr. KIRAN G M				
BRANCH	CSE	ACADEMIC YEAR	2020-21		
COURSE	B.E	SEMESTER	IV	SECTION	
SUBJECT	Design and Analysis of Algorithms	SUBJECT CODE	18CS42		

CO-PO-PSO Mapping															
COs	Pos												PSOs		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
CO1	2											2	2		
CO2		2		3								2	2		2
CO3			3									2	3		2
Average	2	2	3	3								2	2.33		2

CO AND PO ATTAINMENT

ATTAINMENT TABLE															
COs	AVG	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	46.6	0.93											0.93	0.93		
CO2	64.2		1.28		1.92								1.28	1.28		1.28
CO3	50.4			1.51									1.00	1.51		1.00
AVERAGE		0.93	1.28	1.51	1.92								1.07	1.24		1.14

Department of Computer Science & Engg
Average Internals Marks & Attendance Report(EVEN SEM) 2020-21

Class: IV Sem A sec [CSE]

Roll No.	USN	Name	18CS46			SEM: IV			2020-21 EVEN					FACULTY:Mr. KIRAN G M				
			SUB:DAA			T1	T2	T3	ASSIGNMENT 6/4			SEE				FINAL			TOTAL AVG
			T1	T2	T3	CO1-04	CO2-30	CO3-06	CO1-2	CO2-2	CO3-2	SEE (60)	CO1-20	CO2-20	CO3-20	CO1-26	CO2-52	CO3-28	
1	1SV19CS001	AFREEN AFSHAN	4	10	6	4	10	6	2	2	2	25	6.3	6.3	6.3	12.3	18.3	14.3	15.0
2	1SV19CS003	AKASH KUMAR SINGH	4	27	6	4	27	6	2	2	2	27	6.8	6.8	6.8	12.8	35.8	14.8	21.1
3	1SV19CS004	AKHIL N	4	17	6	4	17	6	2	2	2	18	4.5	4.5	4.5	10.5	23.5	12.5	15.5
4	1SV19CS005	AKSHATHA M	4	24	6	4	24	6	2	2	2	18	4.5	4.5	4.5	10.5	30.5	12.5	17.8
5	1SV19CS006	AMRIT GYAWALI	4	20	6	4	20	6	2	2	2	26	6.5	6.5	6.5	12.5	28.5	14.5	18.5
6	1SV19CS007	ANKITHA K	4	22	6	4	22	6	2	2	2	26	6.5	6.5	6.5	12.5	30.5	14.5	19.2
7	1SV19CS008	ANUSHA B	4	26	6	4	26	6	2	2	2	31	7.8	7.8	7.8	13.8	35.8	15.8	21.8
8	1SV19CS009	ARBIN TAJ	4	16	6	4	16	6	2	2	2	15	3.8	3.8	3.8	9.8	21.8	11.8	14.5
9	1SV19CS011	ASHRITH P	4	23	6	4	23	6	2	2	2	22	5.5	5.5	5.5	11.5	30.5	13.5	18.5
10	1SV19CS013	AYESHA SALEEM	4	28	6	4	28	6	2	2	2	25	6.3	6.3	6.3	12.3	36.3	14.3	21.0
11	1SV19CS014	BHAGYASHREE	4	19	6	4	19	6	2	2	2	24	6	6	6	12	27	14	17.7
12	1SV19CS015	BHAGYASHREE G	4	30	6	4	30	6	2	2	2	30	7.5	7.5	7.5	13.5	39.5	15.5	22.8
13	1SV19CS016	BHARATHI H	4	22	6	4	22	6	2	2	2	27	6.8	6.8	6.8	12.8	30.8	14.8	19.5
14	1SV19CS017	BHARGAV N	4	23	6	4	23	6	2	2	2	10	2.5	2.5	2.5	8.5	27.5	10.5	15.5
15	1SV19CS018	BHAVANA C	4	29	6	4	29	6	2	2	2	24	6	6	6	12	37	14	21.0
16	1SV19CS019	BHOJANNA AJAY	4	24	6	4	24	6	2	2	2	10	2.5	2.5	2.5	8.5	28.5	10.5	15.8
17	1SV19CS020	BHOOMIKA J N	4	28	6	4	28	6	2	2	2	29	7.3	7.3	7.3	13.3	37.3	15.3	22.0
18	1SV19CS021	BHUVANESHWARI	4	29	6	4	29	6	2	2	2	33	8.3	8.3	8.3	14.3	39.3	16.3	23.3
19	1SV19CS022	BHUVANESHWARI A	4	25	6	4	25	6	2	2	2	26	6.5	6.5	6.5	12.5	33.5	14.5	20.2
20	1SV19CS023	CHETHAN V	4	25	6	4	25	6	2	2	2	10	2.5	2.5	2.5	8.5	29.5	10.5	16.2
21	1SV19CS024	DARSHAN K N	4	26	6	4	26	6	2	2	2	6	1.5	1.5	1.5	7.5	29.5	9.5	15.5
22	1SV19CS025	DEEKSHA K	4	29	6	4	29	6	2	2	2	28	7	7	7	13	38	15	22.0
23	1SV19CS026	DHANUSH K	4	29	6	4	29	6	2	2	2	4	1	1	1	7	32	9	16.0
24	1SV19CS027	DISHAN M	4	23	6	4	23	6	2	2	2	30	7.5	7.5	7.5	13.5	32.5	15.5	20.5
25	1SV19CS028	DULARCHAND KALWAR	4	19	6	4	19	6	2	2	2	24	6	6	6	12	27	14	17.7
26	1SV19CS029	ESRA BANU	4	23	6	4	23	6	2	2	2	23	5.8	5.8	5.8	11.8	30.8	13.8	18.8
27	1SV19CS030	GAYITHRIDEVI K M	4	29	6	4	29	6	2	2	2	32	8	8	8	14	39	16	23.0
28	1SV19CS031	GOUDAR ROHIT RENU	4	20	6	4	20	6	2	2	2	14	3.5	3.5	3.5	9.5	25.5	11.5	15.5
29	1SV19CS032	H BARKATHULLA	4	23	6	4	23	6	2	2	2	30	7.5	7.5	7.5	13.5	32.5	15.5	20.5
30	1SV19CS033	HARISHA M R	4	10	6	4	10	6	2	2	2	21	5.3	5.3	5.3	11.3	17.3	13.3	14.0
31	1SV19CS034	HARSHITHA C	4	30	6	4	30	6	2	2	2	34	8.5	8.5	8.5	14.5	40.5	16.5	23.8
32	1SV19CS035	HEMANTH K R	4	28	6	4	28	6	2	2	2	24	6	6	6	12	36	14	20.7
33	1SV19CS036	J N SHREYAS	4	19	6	4	19	6	2	2	2	17	4.3	4.3	4.3	10.3	25.3	12.3	16.0
34	1SV19CS037	JYOTI MOHAN MADIWALAR	4	29	6	4	29	6	2	2	2	30	7.5	7.5	7.5	13.5	38.5	15.5	22.5
35	1SV19CS038	KALPANA M N	4	20	6	4	20	6	2	2	2	26	6.5	6.5	6.5	12.5	28.5	14.5	18.5
36	1SV19CS040	LAVANYA T S	4	30	6	4	30	6	2	2	2	34	8.5	8.5	8.5	14.5	40.5	16.5	23.8
37	1SV19CS041	MADHAVA REDDY M	4	22	6	4	22	6	2	2	2	25	6.3	6.3	6.3	12.3	30.3	14.3	19.0
38	1SV19CS042	MAHALAKSHMI H	4	23	6	4	23	6	2	2	2	23	5.8	5.8	5.8	11.8	30.8	13.8	18.8
39	1SV19CS043	MONIKA P	4	21	6	4	21	6	2	2	2	24	6	6	6	12	29	14	18.3
40	1SV19CS044	MONISHA P	4	27	6	4	27	6	2	2	2	27	6.8	6.8	6.8	12.8	35.8	14.8	21.1
41	1SV19CS045	NAGAKRUPA D R	4	23	6	4	23	6	2	2	2	29	7.3	7.3	7.3	13.3	32.3	15.3	20.3

42	1SV19CS046	NANDAN KUMAR M	4	20	6	4	20	6	2	2	2	26	6.5	6.5	6.5	12.5	28.5	14.5	18.5
43	1SV19CS047	NANDINI A	4	25	6	4	25	6	2	2	2	28	7	7	7	13	34	15	20.7
44	1SV19CS048	NAYANA H S	4	24	6	4	24	6	2	2	2	28	7	7	7	13	33	15	20.3
45	1SV19CS050	NIKKI KISHORE	4	28	6	4	28	6	2	2	2	31	7.8	7.8	7.8	13.8	37.8	15.8	22.5
46	1SV19CS051	NOOR JAHAN	4	23	6	4	23	6	2	2	2	22	5.5	5.5	5.5	11.5	30.5	13.5	18.5
47	1SV19CS052	PRAMOD R	4	27	6	4	27	6	2	2	2	25	6.3	6.3	6.3	12.3	35.3	14.3	20.6
48	1SV19CS053	PRIYA R ACHARYA	4	28	6	4	28	6	2	2	2	31	7.8	7.8	7.8	13.8	37.8	15.8	22.5
49	1SV19CS054	RAHUL S	4	16	6	4	16	6	2	2	2	21	5.3	5.3	5.3	11.3	23.3	13.3	16.0
50	1SV19CS056	RAKSHITH B R	4	24	6	4	24	6	2	2	2	23	5.8	5.8	5.8	11.8	31.8	13.8	19.1
51	1SV19CS057	RAVINDRA H V	4	30	6	4	30	6	2	2	2	37	9.3	9.3	9.3	15.3	41.3	17.3	24.6
52	1SV19CS058	S ANKITHA	4	28	6	4	28	6	2	2	2	33	8.3	8.3	8.3	14.3	38.3	16.3	23.0
53	1SV19CS059	SAHANA B R	4	21	6	4	21	6	2	2	2	23	5.8	5.8	5.8	11.8	28.8	13.8	18.1
54	1SV19CS060	SAHANA SHARANAPPA GULARADDI	4	24	6	4	24	6	2	2	2	27	6.8	6.8	6.8	12.8	32.8	14.8	20.1
55	1SV19CS061	SAI KISHAN M R	4	22	6	4	22	6	2	2	2	27	6.8	6.8	6.8	12.8	30.8	14.8	19.5
56	1SV19CS062	SANIHA C	4	27	6	4	27	6	2	2	2	22	5.5	5.5	5.5	11.5	34.5	13.5	19.8
57	1SV19CS063	SANTHOSH C	4	28	6	4	28	6	2	2	2	30	7.5	7.5	7.5	13.5	37.5	15.5	22.2
58	1SV19CS064	SATYAM KUMAR CHAUBEY	4	29	6	4	29	6	2	2	2	25	6.3	6.3	6.3	12.3	37.3	14.3	21.3
59	1SV19CS065	SHAFIYA KHANUM	4	30	6	4	30	6	2	2	2	33	8.3	8.3	8.3	14.3	40.3	16.3	23.6
60	1SV19CS066	SHAH HUSSAIN AHAMED S A	4	30	6	4	30	6	2	2	2	32	8	8	8	14	40	16	23.3
61	1SV19CS067	SHWET KUMAR	4	28	6	4	28	6	2	2	2	21	5.3	5.3	5.3	11.3	35.3	13.3	20.0
62	1SV19CS068	SIDDALINGAIAH N M	4	27	6	4	27	6	2	2	2	17	4.3	4.3	4.3	10.3	33.3	12.3	18.6
63	1SV19CS069	SIDDESHYADAV G S	4	27	6	4	27	6	2	2	2	26	6.5	6.5	6.5	12.5	35.5	14.5	20.8
64	1SV19CS070	SIKAS S K	4	28	6	4	28	6	2	2	2	29	7.3	7.3	7.3	13.3	37.3	15.3	22.0
65	1SV19CS071	SINCHANA B S	4	30	6	4	30	6	2	2	2	29	7.3	7.3	7.3	13.3	39.3	15.3	22.6
66	1SV19CS072	SRUJAN H K	4	27	6	4	27	6	2	2	2	30	7.5	7.5	7.5	13.5	36.5	15.5	21.8
67	1SV19CS074	SUCHITRA H C	4	30	6	4	30	6	2	2	2	22	5.5	5.5	5.5	11.5	37.5	13.5	20.8
68	1SV19CS076	SUHAS H B	4	27	6	4	27	6	2	2	2	27	6.8	6.8	6.8	12.8	35.8	14.8	21.1
69	1SV19CS077	SUPRIYA C S	4	30	6	4	30	6	2	2	2	22	5.5	5.5	5.5	11.5	37.5	13.5	20.8
70	1SV19CS079	TARUN R N	4	26	6	4	26	6	2	2	2	17	4.3	4.3	4.3	10.3	32.3	12.3	18.3
71	1SV19CS080	UTSHAV NEPAL	4	28	6	4	28	6	2	2	2	26	6.5	6.5	6.5	12.5	36.5	14.5	21.2
72	1SV19CS081	VARSHA N	4	30	6	4	30	6	2	2	2	25	6.3	6.3	6.3	12.3	38.3	14.3	21.6
73	1SV19CS082	VARSHINI J	4	30	6	4	30	6	2	2	2	34	8.5	8.5	8.5	14.5	40.5	16.5	23.8
74	1SV19CS083	Y S YASWANTH SAI	4	28	6	4	28	6	2	2	2	36	9	9	9	15	39	17	23.7
75	1SV19CS084	YASHAS G	4	26	6	4	26	6	2	2	2	21	5.3	5.3	5.3	11.3	33.3	13.3	19.3
76	1SV19CS085	YATHISH GOWDA K H	4	26	6	4	26	6	2	2	2	25	6.3	6.3	6.3	12.3	34.3	14.3	20.3
77	1SV19CS086	ZAKAUR RAHMAN	4	26	6	4	26	6	2	2	2	24	6	6	6	12	34	14	20.0
78	1SV18CS002	AISHWARYA S	4	27	6	4	27	6	2	2	2	15	3.8	3.8	3.8	9.8	32.8	11.8	18.1
79	1SV18CS006	BHARATH KUMAR J	4	27	6	4	27	6	2	2	2	33	8.3	8.3	8.3	14.3	37.3	16.3	22.6
80	1SV18CS009	DEEKSHITH R	4	27	6	4	27	6	2	2	2	19	4.8	4.8	4.8	10.8	33.8	12.8	19.1
81	1SV18CS012	DIVYA DEEKSHITH S	4	27	6	4	27	6	2	2	2	26	6.5	6.5	6.5	12.5	35.5	14.5	20.8
82	1SV18CS018	GURUPRASAD B S	4	26	6	4	26	6	2	2	2	27	6.8	6.8	6.8	12.8	34.8	14.8	20.8
83	1SV18CS034	RAKSHITHA RANGANATH	4	28	6	4	28	6	2	2	2	25	6.3	6.3	6.3	12.3	36.3	14.3	21.0
84	1SV18CS035	SANDEEP H	4	27	6	4	27	6	2	2	2	10	2.5	2.5	2.5	8.5	31.5	10.5	16.8
85	1SV18CS047	YASHVANTHKUMAR P	4	26	6	4	26	6	2	2	2	15	3.8	3.8	3.8	9.8	31.8	11.8	17.8
86	1SV20CS400	HEMA M S	4	28	6	4	28	6	2	2	2	22	5.5	5.5	5.5	11.5	35.5	13.5	20.2
87	1SV20CS401	SWATHI K M	4	29	6	4	29	6	2	2	2	20	5	5	5	11	36	13	20.0
88	1SV19CS055	RAJAN KUMAR PATEL	4	26	6	4	26	6	2	2	2	14	3.5	3.5	3.5	9.5	31.5	11.5	17.5
																12.11	33.40	14.11	
																46.6	64.2	50.4	

SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY
SIRA ROAD, TUMKUR- 572 106.

Department of Computer Science and Engineering

COURSE OUTCOME

CO1. Understand the concepts of OS, the basic principles used in the design of modern operating system and process.
CO2. Understand the concepts of threads and mechanisms for synchronization.
CO3. Understand the concepts related to deadlock and memory management.
CO4. Understand the concepts of virtual memory management, file system.

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.
PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.
PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.
PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities.
PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.
PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.
PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.
PO12 Life-long learning: A recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr. KIRAN G M				
BRANCH	CSE	ACADEMIC YEAR	2020-21		
COURSE	B.E	SEMESTER	IV	SECTION	A
SUBJECT	OPERATING SYSTEMS	SUBJECT CODE	18CS43		

CO-PO-PSO Mapping															
COs	Pos												PSOs		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
CO1	1											2		2	
CO2	1	1										2		2	
CO3	1	1										2		2	
CO4	1	1										2		2	
Average	1.0	1.0										2.0		2.0	

CO AND PO ATTAINMENT

ATTAINMENT TABLE															
COs	AVG	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	58.0	0.58											1.16		1.16	
CO2	68.6	0.68	0.68										1.37		1.37	
CO3	66.2	0.66	0.66										1.32		1.32	
CO4	59.9	0.59	0.59										1.19		1.19	
AVERAGE		0.62	0.64										1.26		1.26	

STAFF INCHARGE

HOD,
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.

PRINCIPAL
SIET., TUMAKURU.

SUB:Operating System						KIRAN G M					2020-21	EVEN		18CS43								
						T1	T2		T3	ASSIGNMENT 6/4				SEE					FINAL				TOTAL
SL NO	USN	Name	T1	T2	T3	CO1-4	CO2-15	CO3-15	CO4-6	CO1-2	C02-2	CO3-1	CO4-1	SEE(60)	CO1-15	CO1-15	CO3-15	CO4-15	CO1-21	CO2-32	CO3-31	CO4-22	AVERAGE
1	1SV19CS001	AFREEN AFSHAN	4	28	6	4	14	14	6	2	2	1	1	25	6.25	6.25	6.25	6.25	12.25	22.25	21.25	13.25	17.25
2	1SV19CS003	AKASH KUMAR SINGH	4	25	6	4	15	10	6	2	2	1	1	27	6.75	6.75	6.75	6.75	12.75	23.75	17.75	13.75	17
3	1SV19CS004	AKHIL N	4	25	6	4	10	15	6	2	2	1	1	18	4.5	4.5	4.5	4.5	10.5	16.5	20.5	11.5	14.75
4	1SV19CS005	AKSHATHA M	4	27	6	4	14	13	6	2	2	1	1	18	4.5	4.5	4.5	4.5	10.5	20.5	18.5	11.5	15.25
5	1SV19CS006	AMRIT GYAWALI	4	25	6	4	10	15	6	2	2	1	1	26	6.5	6.5	6.5	6.5	12.5	18.5	22.5	13.5	16.75
6	1SV19CS007	ANKITHA K	4	29	6	4	14	15	6	2	2	1	1	26	6.5	6.5	6.5	6.5	12.5	22.5	22.5	13.5	17.75
7	1SV19CS008	ANUSHA B	4	29	6	4	14	15	6	2	2	1	1	31	7.75	7.75	7.75	7.75	13.75	23.75	23.75	14.75	19
8	1SV19CS009	ARBIN TAI	4	27	6	4	14	13	6	2	2	1	1	15	3.75	3.75	3.75	3.75	9.75	19.75	17.75	10.75	14.5
9	1SV19CS011	ASHRITH P	4	26	6	4	13	13	6	2	2	1	1	22	5.5	5.5	5.5	5.5	11.5	20.5	19.5	12.5	16
10	1SV19CS013	AYESHA SALEEM	4	27	6	4	14	13	6	2	2	1	1	25	6.25	6.25	6.25	6.25	12.25	22.25	20.25	13.25	17
11	1SV19CS014	BHAGYASHREE	4	28	6	4	14	14	6	2	2	1	1	24	6	6	6	6	12	22	21	13	17
12	1SV19CS015	BHAGYASHREE G	4	29	6	4	14	15	6	2	2	1	1	30	7.5	7.5	7.5	7.5	13.5	23.5	23.5	14.5	18.75
13	1SV19CS016	BHARATHI H	4	29	6	4	14	15	6	2	2	1	1	27	6.75	6.75	6.75	6.75	12.75	22.75	22.75	13.75	18
14	1SV19CS017	BHARGAV N	4	25	6	4	15	10	6	2	2	1	1	10	2.5	2.5	2.5	2.5	8.5	19.5	13.5	9.5	12.75
15	1SV19CS018	BHAVANA C	4	28	6	4	14	14	6	2	2	1	1	24	6	6	6	6	12	22	21	13	17
16	1SV19CS019	BHOJANNA AJAY	4	25	6	4	10	15	6	2	2	1	1	10	2.5	2.5	2.5	2.5	8.5	14.5	18.5	9.5	12.75
17	1SV19CS020	BHOOMIKA J N	4	29	6	4	14	15	6	2	2	1	1	29	7.25	7.25	7.25	7.25	13.25	23.25	23.25	14.25	18.5
18	1SV19CS021	BHUVANESHWARI	4	29	6	4	14	15	6	2	2	1	1	33	8.25	8.25	8.25	8.25	14.25	24.25	24.25	15.25	19.5
19	1SV19CS022	BHUVANESHWARI A	4	30	6	4	15	15	6	2	2	1	1	26	6.5	6.5	6.5	6.5	12.5	23.5	22.5	13.5	18
20	1SV19CS023	CHETHAN V	4	26	6	4	15	6	6	2	2	1	1	10	2.5	2.5	2.5	2.5	8.5	19.5	9.5	9.5	11.75
21	1SV19CS024	DARSHAN K N	4	26	6	4	13	13	6	2	2	1	1	6	1.5	1.5	1.5	1.5	7.5	16.5	15.5	8.5	12
22	1SV19CS025	DEEKSHA K	4	29	6	4	14	15	6	2	2	1	1	28	7	7	7	7	13	23	23	14	18.25
23	1SV19CS026	DHANUSH K	4	25	6	4	15	10	6	2	2	1	1	4	1	1	1	1	7	18	12	8	11.25
24	1SV19CS027	DISHAN M	4	25	6	4	10	15	6	2	2	1	1	30	7.5	7.5	7.5	7.5	13.5	19.5	23.5	14.5	17.75
25	1SV19CS028	DULARCHAND KALWAR	4	26	6	4	11	15	6	2	2	1	1	24	6	6	6	6	12	19	22	13	16.5
26	1SV19CS029	ESRA BANU	4	26	6	4	15	11	6	2	2	1	1	23	5.75	5.75	5.75	5.75	11.75	22.75	17.75	12.75	16.25
27	1SV19CS030	GAYITHRIDEVI K M	4	30	6	4	15	15	6	2	2	1	1	32	8	8	8	8	14	25	24	15	19.5
28	1SV19CS031	GOUDAR ROHIT RENU	4	25	6	4	15	10	6	2	2	1	1	14	3.5	3.5	3.5	3.5	9.5	20.5	14.5	10.5	13.75
29	1SV19CS032	H BARKATHULLA	4	29	6	4	15	14	6	2	2	1	1	30	7.5	7.5	7.5	7.5	13.5	24.5	22.5	14.5	18.75
30	1SV19CS033	HARISHA M R	4	25	6	4	15	10	6	2	2	1	1	21	5.25	5.25	5.25	5.25	11.25	22.25	16.25	12.25	15.5
31	1SV19CS034	HARSHITHA C	4	30	6	4	15	15	6	2	2	1	1	34	8.5	8.5	8.5	8.5	14.5	25.5	24.5	15.5	20
32	1SV19CS035	HEMANTH K R	4	25	6	4	10	15	6	2	2	1	1	24	6	6	6	6	12	18	22	13	16.25
33	1SV19CS036	J N SHREYAS	4	25	6	4	15	10	6	2	2	1	1	17	4.25	4.25	4.25	4.25	10.25	21.25	15.25	11.25	14.5
34	1SV19CS037	JYOTI MOHAN MADIWALAR	4	29	6	4	14	15	6	2	2	1	1	30	7.5	7.5	7.5	7.5	13.5	23.5	23.5	14.5	18.75
35	1SV19CS038	KALPANA M N	4	28	6	4	14	14	6	2	2	1	1	26	6.5	6.5	6.5	6.5	12.5	22.5	21.5	13.5	17.5

HOD,
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.

36	1SV19CS040	LAVANYA T S	4	29	6	4	15	14	6	2	2	1	1	34	8.5	8.5	8.5	8.5	14.5	25.5	23.5	15.5	19.75
37	1SV19CS041	MADHAVA REDDY M	4	25	6	4	15	10	6	2	2	1	1	25	6.25	6.25	6.25	6.25	12.25	23.25	17.25	13.25	16.5
38	1SV19CS042	MAHALAKSHMI H	4	27	6	4	14	13	6	2	2	1	1	23	5.75	5.75	5.75	5.75	11.75	21.75	19.75	12.75	16.5
39	1SV19CS043	MONIKA P	4	28	6	4	14	14	6	2	2	1	1	24	6	6	6	6	12	22	21	13	17
40	1SV19CS044	MONISHA P	4	28	6	4	14	14	6	2	2	1	1	27	6.75	6.75	6.75	6.75	12.75	22.75	21.75	13.75	17.75
41	1SV19CS045	NAGAKRUPA D R	4	28	6	4	14	14	6	2	2	1	1	29	7.25	7.25	7.25	7.25	13.25	23.25	22.25	14.25	18.25
42	1SV19CS046	NANDAN KUMAR M	4	25	6	4	10	15	6	2	2	1	1	26	6.5	6.5	6.5	6.5	12.5	18.5	22.5	13.5	16.75
43	1SV19CS047	NANDINI A	4	29	6	4	15	14	6	2	2	1	1	28	7	7	7	7	13	24	22	14	18.25
44	1SV19CS048	NAYANA H S	4	28	6	4	14	14	6	2	2	1	1	28	7	7	7	7	13	23	22	14	18
45	1SV19CS050	NIKKI KISHORE	4	29	6	4	14	15	6	2	2	1	1	31	7.75	7.75	7.75	7.75	13.75	23.75	23.75	14.75	19
46	1SV19CS051	NOOR JAHAN	4	27	6	4	14	13	6	2	2	1	1	22	5.5	5.5	5.5	5.5	11.5	21.5	19.5	12.5	16.25
47	1SV19CS052	PRAMOD R	4	28	6	4	14	14	6	2	2	1	1	25	6.25	6.25	6.25	6.25	12.25	22.25	21.25	13.25	17.25
48	1SV19CS053	PRIYA R ACHARYA	4	29	6	4	15	14	6	2	2	1	1	31	7.75	7.75	7.75	7.75	13.75	24.75	22.75	14.75	19
49	1SV19CS054	RAHUL S	4	25	6	4	15	10	6	2	2	1	1	21	5.25	5.25	5.25	5.25	11.25	22.25	16.25	12.25	15.5
50	1SV19CS056	RAKSHITH B R	4	25	6	4	15	10	6	2	2	1	1	23	5.75	5.75	5.75	5.75	11.75	22.75	16.75	12.75	16
51	1SV19CS057	RAVINDRA H V	4	29	6	4	14	15	6	2	2	1	1	37	9.25	9.25	9.25	9.25	15.25	25.25	25.25	16.25	20.5
52	1SV19CS058	S ANKITHA	4	28	6	4	14	14	6	2	2	1	1	33	8.25	8.25	8.25	8.25	14.25	24.25	23.25	15.25	19.25
53	1SV19CS059	SAHANA B R	4	27	6	4	14	13	6	2	2	1	1	23	5.75	5.75	5.75	5.75	11.75	21.75	19.75	12.75	16.5
54	1SV19CS060	SAHANA SHARANAPPA GULARADDI	4	26	6	4	13	13	6	2	2	1	1	27	6.75	6.75	6.75	6.75	12.75	21.75	20.75	13.75	17.25
55	1SV19CS061	SAI KISHAN M R	4	28	6	4	14	14	6	2	2	1	1	27	6.75	6.75	6.75	6.75	12.75	22.75	21.75	13.75	17.75
56	1SV19CS062	SANDIA C	4	27	6	4	14	13	6	2	2	1	1	22	5.5	5.5	5.5	5.5	11.5	21.5	19.5	12.5	16.25
57	1SV19CS063	SANTHOSH C	4	25	6	4	15	10	6	2	2	1	1	30	7.5	7.5	7.5	7.5	13.5	24.5	18.5	14.5	17.75
58	1SV19CS064	SATYAM KUMAR CHAUBEY	4	26	6	4	11	15	6	2	2	1	1	25	6.25	6.25	6.25	6.25	12.25	19.25	22.25	13.25	16.75
59	1SV19CS065	SHAFIYA KHANUM	4	28	6	4	14	14	6	2	2	1	1	33	8.25	8.25	8.25	8.25	14.25	24.25	23.25	15.25	19.25
60	1SV19CS066	SHAH HUSSAIN AHAMED S A	4	29	6	4	14	15	6	2	2	1	1	32	8	8	8	8	14	24	24	15	19.25
																			12.188	21.954	20.538	13.188	16.967
																			58.036	68.607	66.25	59.943	

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY														
FACULTY NAME	PROF. SHANMUKASWAMY C V														
BRANCH	CS		ACADEMIC YEAR		2020-21										
COURSE	B.E	SEMESTER	IV	SECTION	A [CSE]										
COURSE	OBJECT ORIENTED CONCEPTS			COURSE CODE	18CS45										

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3	3												
CO2	3	3	3	3	3		2	3		3		2	3	2	
CO3	3	3	3	2	3			2		3		2	2	2	
AVERAGE	3.0	3.0	3.0	2.5	3.0		2.0	2.5		3.0		2.0	2.5	2.0	
OVERALL MAPPING OF COURSE															2.54

CO AND PO ATTAINMENT

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	67	2	2	2												
CO2	68	2	2	2	2	2		1.4	2		2		1.4	2	1.4	
CO3	68.2	2.05	2.05	2.05	1.36	2.05			1.36		2.05		1.36	1.36	1.36	
AVERAGE		2.01	2.01	2.01	1.68	2.03		1.4	1.68		2.03		1.38	1.68	1.38	
FINAL ATTAINMENT LEVEL																1.75

Prof. Shanmukaswamy CV
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

COsPOs ATTAINMENT

ACADEMIC YEAR -2020-21[EVEN SEM]

CLASS:4th SEM "A" CSE **Course Name :Object Oriented Concepts [18CS45]**

Roll No.	USN	Name	T1	T2		T3		ASSIGNMENT 16/3			SEE [50]	SEE [50]			Final			Attainment [stud]
			CO1 2	CO2 2	CO1 10	CO2 10	CO3 10	CO1 5	CO2 5	CO3 6	SEE [50]	CO1 17	CO2 17	CO3 16	CO1 34	CO2 34	CO3 32	
1	1SV19CS001	AFREEN AFSHAN	2	2	9	9	9	5	5	6	25	8	8	9	24	24	24	72
2	1SV19CS003	AKASH KUMAR SINGH	2	2	6	7	7	5	5	6	27	9	9	9	22	23	22	67
3	1SV19CS004	AKHIL N	2	2	5	6	6	5	5	6	18	6	6	6	18	19	18	55
4	1SV19CS005	AKSHATHA M	2	2	10	10	9	5	5	6	18	6	6	6	23	23	21	67
5	1SV19CS006	AMRIT GYAWALI	2	2	8	9	9	5	5	6	26	8	9	9	23	25	24	72
6	1SV19CS007	ANKITHA K	2	2	8	8	7	5	5	6	26	9	9	8	24	24	21	69
7	1SV19CS008	ANUSHA B	2	2	7	7	6	5	5	6	31	11	10	10	25	24	22	71
8	1SV19CS009	ARBIN TAJ	2	2	5	5	6	5	5	6	15	5	5	5	17	17	17	51
9	1SV19CS011	ASHRITH P	2	2	7	7	6	5	5	6	22	7	7	8	21	21	20	62
10	1SV19CS013	AYESHA SALEEM	2	2	10	10	8	5	5	6	25	9	8	8	26	25	22	73
11	1SV19CS014	BHAGYASHREE	2	2	7	7	8	5	5	6	24	8	8	8	22	22	22	66
12	1SV19CS015	BHAGYASHREE G	2	2	8	9	9	5	5	6	30	10	10	10	25	26	25	76
13	1SV19CS016	BHARATHI H	2	2	9	9	8	5	5	6	27	9	9	9	25	25	23	73
14	1SV19CS017	BHARGAV N	2	2	5	5	4	5	5	6	10	3	3	4	15	15	14	44
15	1SV19CS018	BHAVANA C	2	2	8	8	8	5	5	6	24	8	8	8	23	23	22	68
16	1SV19CS019	BHOJANNA AJAY	2	2	5	5	4	5	5	6	8	2	3	3	14	15	13	42
17	1SV19CS020	BHOOMIKA J N	2	2	9	9	8	5	5	6	29	9	10	10	25	26	24	75
18	1SV19CS021	BHUVANESHWARI	2	2	10	10	10	5	5	6	33	11	11	11	28	28	27	83
19	1SV19CS022	BHUVANESHWARI A	2	2	9	9	9	5	5	6	26	8	9	9	24	25	24	73
20	1SV19CS023	CHETHAN V	2	2	6	6	7	5	5	6	10	3	3	4	16	16	17	49
21	1SV19CS024	DARSHAN K N	2	2	4	4	4	5	5	6	6	2	2	2	13	13	12	38
22	1SV19CS025	DEEKSHA K	1	2	10	10	9	5	5	6	28	9	9	10	25	26	25	76
23	1SV19CS026	DHANUSH K	2	2	4	4	5	5	5	6	4	1	2	1	12	13	12	37
24	1SV19CS027	DISHAN M	2	2	9	10	10	5	5	6	30	10	10	10	26	27	26	79
25	1SV19CS028	DULARCHAND KALWAR	2	2	7	7	6	5	5	6	24	8	8	8	22	22	20	64
26	1SV19CS029	ESRA BANU	2	2	6	7	6	5	5	6	23	8	8	7	21	22	19	62
27	1SV19CS030	GAYITHRIDEVI K M	2	2	10	10	10	5	5	6	32	10	11	11	27	28	27	82
28	1SV19CS031	GOUDAR ROHIT RENU	2	2	6	6	5	5	5	6	14	5	5	4	18	18	15	51
29	1SV19CS032	H BARKATHULLA	2	2	8	8	8	5	5	6	30	10	10	10	25	25	24	74
30	1SV19CS033	HARISHA M R	2	2	5	5	4	5	5	6	21	7	7	7	19	19	17	55

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31	1SV19CS034	HARSHITHA C	2	2	10	10	10	5	5	6	34	11	11	12	28	28	28	84
32	1SV19CS035	HEMANTH K R	2	2	8	8	8	5	5	6	24	8	8	8	23	23	22	68
33	1SV19CS036	J N SHREYAS	2	2	5	5	6	5	5	6	17	6	6	5	18	18	17	53
34	1SV19CS037	JYOTI MOHAN MADIWALAR	2	2	8	8	8	5	5	6	30	10	10	10	25	25	24	74
35	1SV19CS038	KALPANA M N	2	2	8	8	9	5	5	6	26	9	9	8	24	24	23	71
36	1SV19CS040	LAVANYA T S	2	2	9	8	8	5	5	6	34	12	11	11	28	26	25	79
37	1SV19CS041	MADHAVA REDDY M	2	2	6	7	7	5	5	6	25	8	8	9	21	22	22	65
38	1SV19CS042	MAHALAKSHMI H	2	2	7	7	7	5	5	6	23	8	8	7	22	22	20	64
39	1SV19CS043	MONIKA P	2	2	6	7	7	5	5	6	24	8	8	8	21	22	21	64
40	1SV19CS044	MONISHA P	2	2	7	7	8	5	5	6	27	9	9	9	23	23	23	69
41	1SV19CS045	NAGAKRUPA D R	2	2	8	7	7	5	5	6	29	10	10	9	25	24	22	71
42	1SV19CS046	NANDAN KUMAR M	2	2	9	9	9	5	5	6	26	9	9	8	25	25	23	73
43	1SV19CS047	NANDINI A	2	2	8	8	9	5	5	6	28	9	9	10	24	24	25	73
44	1SV19CS048	NAYANA H S	2	2	6	6	6	5	5	6	28	9	9	10	22	22	22	66
45	1SV19CS050	NIKKI KISHORE	2	2	10	10	10	5	5	6	31	11	10	10	28	27	26	81
46	1SV19CS051	NOOR JAHAN	2	2	8	8	7	5	5	6	22	7	7	8	22	22	21	65
47	1SV19CS052	PRAMOD R	2	2	10	9	10	5	5	6	25	9	8	8	26	24	24	74
48	1SV19CS053	PRIYA R ACHARYA	2	2	10	10	10	5	5	6	31	10	11	10	27	28	26	81
49	1SV19CS054	RAHUL S	2	2	5	5	4	5	5	6	21	7	7	7	19	19	17	55
50	1SV19CS056	RAKSHITH B R	2	2	7	7	6	5	5	6	23	8	8	7	22	22	19	63
51	1SV19CS057	RAVINDRA H V	2	2	10	10	10	5	5	6	37	12	12	13	29	29	29	87
52	1SV19CS058	S ANKITHA	2	2	10	10	10	5	5	6	33	11	11	11	28	28	27	83
53	1SV19CS059	SAHANA B R	2	2	6	7	7	5	5	6	23	8	8	7	21	22	20	63
54	1SV19CS060	SAHANA SHARANAPPA GULARADDI	2	2	8	7	7	5	5	6	27	9	9	9	24	23	22	69
55	1SV19CS061	SAI KISHAN M R	2	2	8	8	8	5	5	6	27	9	9	9	24	24	23	71
56	1SV19CS062	SANIHA C	2	2	10	10	10	5	5	6	22	7	8	7	24	25	23	72
57	1SV19CS063	SANTHOSH C	2	2	7	7	8	5	5	6	30	10	10	10	24	24	24	72
58	1SV19CS064	CHAUBEY	2	2	8	8	8	5	5	6	25	8	8	9	23	23	23	69
59	1SV19CS065	SHAFIYA KHANUM	2	2	7	7	8	5	5	6	33	11	11	11	25	25	25	75
60	1SV19CS066	SHAH HUSSAIN AHAMED S A	2	2	8	9	8	5	5	6	32	11	11	10	26	27	24	77
															23	23	21.8	
														Attainment	67	68	68.2	

Prof Thanuja Swamy

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SIET, TUMAKURU

Department of Computer Science and Engineering

COURSE OUTCOME

CO1. Comprehend the transmission technique of digital data between two or more computers and a computer network that allows computers to exchange data.
CO2. Explain with the basics of data communication and various types of computer networks
CO3. Demonstrate Medium Access Control protocols for reliable and noisy channels
CO4. Expose wireless and wired LANs.

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.
PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.
PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.
PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities.
PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.
PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.
PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.
PO12 Life-long learning: recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr. KUAMR H R				
BRANCH	CSE	ACADEMIC YEAR	2020-21		
COURSE	B.E	SEMESTER	IV	SECTION	A
SUBJECT	DATA COMMUNICATION		SUBJECT CODE	18CS46	

CO-PO-PSO Mapping															
COs	Pos												PSOs		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
CO1	2												2		
CO2	2	2											2		
CO3	2	2										2	1		1
CO4	2	2											1		1
Average	2	2										2	1.5		1

CO AND PO ATTAINMENT

ATTAINMENT TABLE															
COs	AVG	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	53.2	1.06												1.06		
CO2	53.1	1.06	1.06											1.06		
CO3	65.2	1.30	1.30										1.30	0.65		0.65
CO4	52.7	1.05	1.05											0.52		0.52
AVERAGE		1.11	1.13										1.30	0.82		0.58

Kumar H.R
STAFF INCHARGE

H O D.
COMPUTER SCIENCE & ENGG.,
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PRINCIPAL
SIET., TUMAKURU

Department of Computer Science & Engg
Average Internals Marks & Attendance Report(EVEN SEM) 2020-21

Class: IV Sem A sec [CSE]

Roll No.	USN	Name	18CS46			2020-21								SEM: IV		EVEN			FACULTY:Mr.KUMAR H R				
			SUB:DC			T1	T2	T3		ASSIGNMENT 6/4				SEE					FINAL				TOTAL AVG
			T1	T2	T3	CO1-02	CO2-02	CO3-15	CO4-15	CO1-2	CO2-2	CO3-1	CO4-1	SEE(60)	CO1-15	CO2-15	CO3-15	CO4-15	CO1-19	CO2-19	CO3-31	CO4-31	
1	1SV19CS001	AFREEN AFSHAN	2	2	25	2	2	15	10	2	2	1	1	25	6.3	6.3	6.3	6.3	10.3	10.3	22.3	17.3	15.1
2	1SV19CS003	AKASH KUMAR SINGH	2	2	21	2	2	11	10	2	2	1	1	27	6.8	6.8	6.8	6.8	10.8	10.8	18.8	17.8	14.6
3	1SV19CS004	AKHIL N	2	2	18	2	2	10	8	2	2	1	1	18	4.5	4.5	4.5	4.5	8.5	8.5	15.5	13.5	11.5
4	1SV19CS005	AKSHATHA M	2	2	17	2	2	11	6	2	2	1	1	18	4.5	4.5	4.5	4.5	8.5	8.5	16.5	11.5	11.3
5	1SV19CS006	AMRIT GYAWALI	2	2	26	2	2	20	6	2	2	1	1	26	6.5	6.5	6.5	6.5	10.5	10.5	27.5	13.5	15.5
6	1SV19CS007	ANKITHA K	2	2	20	2	2	10	10	2	2	1	1	26	6.5	6.5	6.5	6.5	10.5	10.5	17.5	17.5	14.0
7	1SV19CS008	ANUSHA B	2	2	27	2	2	18	9	2	2	1	1	31	7.8	7.8	7.8	7.8	11.8	11.8	26.8	17.8	17.1
8	1SV19CS009	ARBIN TAJ	2	2	16	2	2	15	1	2	2	1	1	15	3.8	3.8	3.8	3.8	7.8	7.8	19.8	5.8	10.3
9	1SV19CS011	ASHRITH P	2	2	23	2	2	10	13	2	2	1	1	22	5.5	5.5	5.5	5.5	9.5	9.5	16.5	19.5	13.8
10	1SV19CS013	AYESHA SALEEM	2	2	27	2	2	10	17	2	2	1	1	25	6.3	6.3	6.3	6.3	10.3	10.3	17.3	24.3	15.6
11	1SV19CS014	BHAGYASHREE	2	2	15	2	2	12	3	2	2	1	1	24	6	6	6	6	10	10	19	10	12.3
12	1SV19CS015	BHAGYASHREE G	2	2	29	2	2	20	9	2	2	1	1	30	7.5	7.5	7.5	7.5	11.5	11.5	28.5	17.5	17.3
13	1SV19CS016	BHARATHI H	2	2	27	2	2	18	9	2	2	1	1	27	6.8	6.8	6.8	6.8	10.8	10.8	25.8	16.8	16.1
14	1SV19CS017	BHARGAV N	2	2	23	2	2	20	3	2	2	1	1	10	2.5	2.5	2.5	2.5	6.5	6.5	23.5	6.5	10.8
15	1SV19CS018	BHAVANA C	2	2	29	2	2	20	9	2	2	1	1	24	6	6	6	6	10	10	27	16	15.8
16	1SV19CS019	BHOJANNA AJAY	2	2	24	2	2	10	14	2	2	1	1	10	2.5	2.5	2.5	2.5	6.5	6.5	13.5	17.5	11.0
17	1SV19CS020	BHOOMIKA J N	2	2	24	2	2	10	14	2	2	1	1	29	7.3	7.3	7.3	7.3	11.3	11.3	18.3	22.3	15.8
18	1SV19CS021	BHUVANESHWARI	2	2	29	2	2	10	19	2	2	1	1	33	8.3	8.3	8.3	8.3	12.3	12.3	19.3	28.3	18.1
19	1SV19CS022	BHUVANESHWARI A	2	2	25	2	2	15	10	2	2	1	1	26	6.5	6.5	6.5	6.5	10.5	10.5	22.5	17.5	15.3
20	1SV19CS023	CHETHAN V	2	2	23	2	2	10	13	2	2	1	1	10	2.5	2.5	2.5	2.5	6.5	6.5	13.5	16.5	10.8
21	1SV19CS024	DARSHAN K N	2	2	28	2	2	10	18	2	2	1	1	6	1.5	1.5	1.5	1.5	5.5	5.5	12.5	20.5	11.0
22	1SV19CS025	DEEKSHA K	2	2	27	2	2	10	17	2	2	1	1	28	7	7	7	7	11	11	18	25	16.3
23	1SV19CS026	DHANUSH K	2	2	28	2	2	20	8	2	2	1	1	4	1	1	1	1	5	5	22	10	10.5
24	1SV19CS027	DISHAN M	2	2	26	2	2	20	6	2	2	1	1	30	7.5	7.5	7.5	7.5	11.5	11.5	28.5	14.5	16.5
25	1SV19CS028	DULARCHAND KALWAR	2	2	14	2	2	4	10	2	2	1	1	24	6	6	6	6	10	10	11	17	12.0
26	1SV19CS029	ESRA BANU	2	2	11	2	2	10	1	2	2	1	1	23	5.8	5.8	5.8	5.8	9.8	9.8	16.8	7.8	11.1
27	1SV19CS030	GAYITHRIDEVI K M	2	2	29	2	2	20	9	2	2	1	1	32	8	8	8	8	12	12	29	18	17.8
28	1SV19CS031	GOUDAR ROHIT RENU	2	2	19	2	2	10	9	2	2	1	1	14	3.5	3.5	3.5	3.5	7.5	7.5	14.5	13.5	10.8
29	1SV19CS032	H BARKATHULLA	2	2	22	2	2	12	10	2	2	1	1	30	7.5	7.5	7.5	7.5	11.5	11.5	20.5	18.5	15.5
30	1SV19CS033	HARISHA M R	2	2	14	2	2	8	7	2	2	1	1	21	5.3	5.3	5.3	5.3	9.3	9.3	14.3	13.3	11.6
31	1SV19CS034	HARSHITHA C	2	2	30	2	2	20	10	2	2	1	1	34	8.5	8.5	8.5	8.5	12.5	12.5	29.5	19.5	18.5
32	1SV19CS035	HEMANTH K R	2	2	25	2	2	20	5	2	2	1	1	24	6	6	6	6	10	10	27	12	14.8
33	1SV19CS036	J N SHREYAS	2	2	20	2	2	10	10	2	2	1	1	17	4.3	4.3	4.3	4.3	8.3	8.3	15.3	15.3	11.8
34	1SV19CS037	JYOTI MOHAN	2	2	23	2	2	10	13	2	2	1	1	30	7.5	7.5	7.5	7.5	11.5	11.5	18.5	21.5	15.8
35	1SV19CS038	KALPANA M N	2	2	23	2	2	10	13	2	2	1	1	26	6.5	6.5	6.5	6.5	10.5	10.5	17.5	20.5	14.8
36	1SV19CS040	LAVANYA T S	2	2	29	2	2	10	19	2	2	1	1	34	8.5	8.5	8.5	8.5	12.5	12.5	19.5	28.5	18.3
37	1SV19CS041	MADHAVA REDDY M	2	2	16	2	2	10	6	2	2	1	1	25	6.3	6.3	6.3	6.3	10.3	10.3	17.3	13.3	12.8

38	1SV19CS042	MAHALAKSHMI H	2	2	24	2	2	10	14	2	2	1	1	23	5.8	5.8	5.8	5.8	9.8	9.8	16.8	20.8	14.3
39	1SV19CS043	MONIKA P	2	2	23	2	2	20	3	2	2	1	1	24	6	6	6	6	10	10	27	10	14.3
40	1SV19CS044	MONISHA P	2	2	27	2	2	20	7	2	2	1	1	27	6.8	6.8	6.8	6.8	10.8	10.8	27.8	14.8	16.1
41	1SV19CS045	NAGAKRUPA D R	2	2	22	2	2	10	12	2	2	1	1	29	7.3	7.3	7.3	7.3	11.3	11.3	18.3	20.3	15.3
42	1SV19CS046	NANDAN KUMAR M	2	2	26	2	2	10	16	2	2	1	1	26	6.5	6.5	6.5	6.5	10.5	10.5	17.5	23.5	15.5
43	1SV19CS047	NANDINI A	2	2	22	2	2	12	10	2	2	1	1	28	7	7	7	7	11	11	20	18	15.0
44	1SV19CS048	NAYANA H S	2	2	19	2	2	9	10	2	2	1	1	28	7	7	7	7	11	11	17	18	14.3
45	1SV19CS050	NIKKI KISHORE	2	2	28	2	2	18	10	2	2	1	1	31	7.8	7.8	7.8	7.8	11.8	11.8	26.8	18.8	17.3
46	1SV19CS051	NOOR JAHAN	2	2	20	2	2	10	10	2	2	1	1	22	5.5	5.5	5.5	5.5	9.5	9.5	16.5	16.5	13.0
47	1SV19CS052	PRAMOD R	2	2	20	2	2	10	10	2	2	1	1	25	6.3	6.3	6.3	6.3	10.3	10.3	17.3	17.3	13.8
48	1SV19CS053	PRIYA R ACHARYA	2	2	21	2	2	11	10	2	2	1	1	31	7.8	7.8	7.8	7.8	11.8	11.8	19.8	18.8	15.6
49	1SV19CS054	RAHUL S	2	2	13	2	2	11	2	2	2	1	1	21	5.3	5.3	5.3	5.3	9.3	9.3	17.3	8.3	11.1
50	1SV19CS056	RAKSHITH B R	2	2	22	2	2	10	12	2	2	1	1	23	5.8	5.8	5.8	5.8	9.8	9.8	16.8	18.8	13.8
51	1SV19CS057	RAVINDRA H V	2	2	25	2	2	20	5	2	2	1	1	37	9.3	9.3	9.3	9.3	13.3	13.3	30.3	15.3	18.1
52	1SV19CS058	S ANKITHA	2	2	28	2	2	20	8	2	2	1	1	33	8.3	8.3	8.3	8.3	12.3	12.3	29.3	17.3	17.8
53	1SV19CS059	SAHANA B R	2	2	15	2	2	10	5	2	2	1	1	23	5.8	5.8	5.8	5.8	9.8	9.8	16.8	11.8	12.1
54	1SV19CS060	SAHANA SHARANAPPA	2	2	16	2	2	10	6	2	2	1	1	27	6.8	6.8	6.8	6.8	10.8	10.8	17.8	13.8	13.3
55	1SV19CS061	SAI KISHAN M R	2	2	27	2	2	20	7	2	2	1	1	27	6.8	6.8	6.8	6.8	10.8	10.8	27.8	14.8	16.1
56	1SV19CS062	SANIHA C	2	2	28	2	2	20	8	2	2	1	1	22	5.5	5.5	5.5	5.5	9.5	9.5	26.5	14.5	15.0
57	1SV19CS063	SANTHOSH C	2	2	23	2	2	3	20	2	2	1	1	30	7.5	7.5	7.5	7.5	11.5	11.5	11.5	28.5	15.8
58	1SV19CS064	SATYAM KUMAR	2	2	21	2	2	11	10	2	2	1	1	25	6.3	6.3	6.3	6.3	10.3	10.3	18.3	17.3	14.1
59	1SV19CS065	SHAFIYA KHANUM	2	2	23	2	2	11	12	2	2	1	1	33	8.3	8.3	8.3	8.3	12.3	12.3	20.3	21.3	16.6
60	1SV19CS066	SHAH HUSSAIN AHAMED	2	2	18	2	2	10	8	2	2	1	1	32	8	8	8	8	12	12	19	17	15.0
61	1SV19CS067	SHWET KUMAR	2	2	13	2	2	10	3	2	2	1	1	21	5.3	5.3	5.3	5.3	9.3	9.3	16.3	9.3	11.1
62	1SV19CS068	SIDDALINGAIAH N M	2	2	17	2	2	7	10	2	2	1	1	17	4.3	4.3	4.3	4.3	8.3	8.3	12.3	15.3	11.1
63	1SV19CS069	SIDDESHYADAV G S	2	2	21	2	2	15	6	2	2	1	1	26	6.5	6.5	6.5	6.5	10.5	10.5	22.5	13.5	14.3
64	1SV19CS070	SIKAS S K	2	2	28	2	2	19	9	2	2	1	1	29	7.3	7.3	7.3	7.3	11.3	11.3	27.3	17.3	16.8
65	1SV19CS071	SINCHANA B S	2	2	29	2	2	20	9	2	2	1	1	29	7.3	7.3	7.3	7.3	11.3	11.3	28.3	17.3	17.1
66	1SV19CS072	SRUJAN H K	2	2	23	2	2	20	3	2	2	1	1	30	7.5	7.5	7.5	7.5	11.5	11.5	28.5	11.5	15.8
67	1SV19CS074	SUCHITRA H C	2	2	14	2	2	9	5	2	2	1	1	22	5.5	5.5	5.5	5.5	9.5	9.5	15.5	11.5	11.5
68	1SV19CS076	SUHAS H B	2	2	29	2	2	20	9	2	2	1	1	27	6.8	6.8	6.8	6.8	10.8	10.8	27.8	16.8	16.6
69	1SV19CS077	SUPRIYA C S	2	2	17	2	2	10	7	2	2	1	1	22	5.5	5.5	5.5	5.5	9.5	9.5	16.5	13.5	12.3
70	1SV19CS079	TARUN R N	2	2	21	2	2	11	10	2	2	1	1	17	4.3	4.3	4.3	4.3	8.3	8.3	16.3	15.3	12.1
71	1SV19CS080	UTSHAV NEPAL	2	2	19	2	2	10	9	2	2	1	1	26	6.5	6.5	6.5	6.5	10.5	10.5	17.5	16.5	13.8
72	1SV19CS081	VARSHA N	2	2	26	2	2	10	16	2	2	1	1	25	6.3	6.3	6.3	6.3	10.3	10.3	17.3	23.3	15.3
73	1SV19CS082	VARSHINI J	2	2	28	2	2	10	18	2	2	1	1	34	8.5	8.5	8.5	8.5	12.5	12.5	19.5	27.5	18.0
74	1SV19CS083	Y S YASWANTH SAI	2	2	29	2	2	19	10	2	2	1	1	36	9	9	9	9	13	13	29	20	18.8
75	1SV19CS084	YASHAS G	2	2	18	2	2	8	10	2	2	1	1	21	5.3	5.3	5.3	5.3	9.3	9.3	14.3	16.3	12.3
76	1SV19CS085	YATHISH GOWDA K H	2	2	24	2	2	18	6	2	2	1	1	25	6.3	6.3	6.3	6.3	10.3	10.3	25.3	13.3	14.8
77	1SV19CS086	ZAKAUR RAHMAN	2	2	19	2	2	10	9	2	2	1	1	24	6	6	6	6	10	10	17	16	13.3
78	1SV18CS002	AISHWARYA S	2	2	18	2	2	8	10	2	2	1	1	15	3.8	3.8	3.8	3.8	7.8	7.8	12.8	14.8	10.8
79	1SV18CS006	BHARATH KUMAR J	2	2	25	2	2	20	5	2	2	1	1	33	8.3	8.3	8.3	8.3	12.3	12.3	29.3	14.3	17.1
80	1SV18CS009	DEEKSHITH R	2	2	18	2	2	8	10	2	2	1	1	19	4.8	4.8	4.8	4.8	8.8	8.8	13.8	15.8	11.8
81	1SV18CS012	DIVYA DEEKSHITH S	2	2	23	2	2	19	4	2	2	1	1	26	6.5	6.5	6.5	6.5	10.5	10.5	26.5	11.5	14.8
82	1SV18CS018	GURUPRASAD B S	2	2	18	2	2	10	8	2	2	1	1	27	6.8	6.8	6.8	6.8	10.8	10.8	17.8	15.8	13.8
83	1SV18CS034	RAKSHITHA RANGANATH	2	2	18	2	2	8	10	2	2	1	1	25	6.3	6.3	6.3	6.3	10.3	10.3	15.3	17.3	13.3

PO12 Life-long learning: A recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY											
FACULTY NAME	Dr.CHARAN K V											
BRANCH	CSE / ISE			ACADEMIC YEAR			2020-21					
COURSE	B.E	SEMESTER	IV	SECTION	A & B							
SUBJECT	MICROCONTROLLER AND EMBEDDED SYSTEMS			SUBJECT CODE	18CS44							
CO & PO MAPPING												
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	3	1	3			2	1	1	1	2
CO2	3	3	3	1	1			2	1	1	1	2
CO3	3	2	2	1	1			2	1	1	1	2
CO4	3	2	2	1	1			2	1	1	1	2
CO5	3	2	1	1	1			1	1	1	1	2
CO6	3	2	1	1	1			1	1	1	1	2
AVERAGE	3	2.16	2	1	1.33			1.66	1	1	1	2
OVERALL MAPPING OF SUBJECT												1.34

CO AND PO ATTAINMENT

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO1
CO1	0.28	0.8565	0.571	0.857	0.2855	0.8565			0.571	0.2855	0.2855	0.2855	0.57
CO2	0.24	0.7251	0.725	0.725	0.2417	0.2417			0.4834	0.2417	0.2417	0.2417	0.483
CO3	0.28	0.8697	0.58	0.58	0.2899	0.2899			0.5798	0.2899	0.2899	0.2899	0.579
CO4	0.28	0.8697	0.58	0.58	0.2899	0.2899			0.5798	0.2899	0.2899	0.2899	0.579
CO5	0.25	0.7782	0.519	0.259	0.2594	0.2594			0.2594	0.2594	0.2594	0.2594	0.518
CO6	0.25	0.7782	0.519	0.259	0.2594	0.2594			0.2594	0.2594	0.2594	0.2594	0.518
VERAGE	0.265	0.817	1.545	0.558	0.272	0.558			1.4152	0.2725	1.2725	0.27245	0.544
FINAL ATTAINMENT LEVEL													1.68

Academic year	2020-21	SEM	IV (CS/IS)	Total strength	114	Subject	Engg. Microcontroller and embedded Systems	18CS44

[illegible]	IA TEST 1(30M)			IA TEST 2(30M)			IA TEST 3(30M)			ASSIGNEMENT / QUIZ(10 M)						SEE MARKS(60)						% of individual CO						Total CO's attainment						SEE Tot
USN	CO1	CO2	TOTAL	CO3	CO4	TOTAL	CO5	CO6	TOTAL	CO1	CO2	CO3	CO4	CO5	CO6	CO1=12	CO2	CO3	CO4	CO5	CO6	CO1=29	CO2=29	CO3=29	CO4=29	CO5=28	CO6=28	CO1	CO2	CO3	CO4	CO5	CO6	60M
1SV19CS001	13	13	26	14	14	28	13	13	26	2	2	2	2	1	1	7.8333	7.833	7.833	7.8333	7.8333	7.8333	15.27011	15.27011	16.27011	16.27011	14.27976	14.27976	22.83333	22.83333	23.83333	23.83333	21.83333	21.83333	47
1SV19CS003	15	15	30	13.5	13.5	27	13	13	26	2	2	2	2	1	1	6.6667	6.667	6.667	6.6667	6.6667	6.6667	17.22989	17.22989	15.72989	15.72989	14.2381	14.2381	23.66667	23.66667	22.16667	22.16667	20.66667	20.66667	40
1SV19CS004	15	15	30	13.5	13.5	27	11.5	12	23	2	2	2	2	1	1	8.3333	8.333	8.333	8.3333	8.3333	8.3333	17.28736	17.28736	15.78736	15.78736	12.79762	12.79762	25.33333	25.33333	23.83333	23.83333	20.83333	20.83333	50
1SV19CS005	14	14	28	14	14	28	14.5	15	29	2	2	2	2	1	1	6.3333	6.333	6.333	6.3333	6.3333	6.3333	16.21839	16.21839	16.21839	16.21839	15.72619	15.72619	22.33333	22.33333	22.33333	22.33333	21.83333	21.83333	38
1SV19CS006	15	15	30	13.5	13.5	27	13	13	26	2	2	2	2	1	1	7.8333	7.833	7.833	7.8333	7.8333	7.8333	17.27011	17.27011	15.77011	15.77011	14.27976	14.27976	24.83333	24.83333	23.33333	23.33333	21.83333	21.83333	47
1SV19CS007	13.5	13.5	27	14.5	14.5	29	13	13	26	2	2	2	2	1	1	9.1667	9.167	9.167	9.1667	9.1667	9.1667	15.81609	15.81609	16.81609	16.81609	14.32738	14.32738	24.66667	24.66667	25.66667	25.66667	23.16667	23.16667	55
1SV19CS008	20	20	40	14.5	14.5	29	14	14	28	2	2	2	2	1	1	5	5	5	5	5	5	22.17241	22.17241	16.67241	16.67241	15.17857	15.17857	27	27	21.5	21.5	20	20	30
1SV19CS009	10	10	20	13.5	13.5	27	12	12	24	2	2	2	2	1	1	5.8333	5.833	5.833	5.8333	5.8333	5.8333	12.20115	12.20115	15.70115	15.70115	13.20833	13.20833	17.83333	17.83333	21.33333	21.33333	18.83333	18.83333	35
1SV19CS011	14.5	14.5	29	13	13	26	13	13	26	2	2	2	2	1	1	8.3333	8.333	8.333	8.3333	8.3333	8.3333	16.78736	16.78736	15.28736	15.28736	14.29762	14.29762	24.83333	24.83333	23.33333	23.33333	22.33333	22.33333	50
1SV19CS013	15	15	30	13.5	13.5	27	15	15	30	2	2	2	2	1	1	7.8333	7.833	7.833	7.8333	7.8333	7.8333	17.27011	17.27011	15.77011	15.77011	16.27976	16.27976	24.83333	24.83333	23.33333	23.33333	23.83333	23.83333	47
1SV19CS014	14	14	28	14	14	28	15	15	30	2	2	2	2	1	1	6.6667	6.667	6.667	6.6667	6.6667	6.6667	16.22989	16.22989	16.22989	16.22989	16.2381	16.2381	22.66667	22.66667	22.66667	22.66667	22.66667	22.66667	40
1SV19CS015	15	15	30	14	14	28	13	13	26	2	2	2	2	1	1	8.3333	8.333	8.333	8.3333	8.3333	8.3333	17.28736	17.28736	16.28736	16.28736	14.29762	14.29762	25.33333	25.33333	24.33333	24.33333	22.33333	22.33333	50
1SV19CS016	14	14	28	14	14	28	12	12	24	2	2	2	2	1	1	6.3333	6.333	6.333	6.3333	6.3333	6.3333	16.21839	16.21839	16.21839	16.21839	13.22619	13.22619	22.33333	22.33333	22.33333	22.33333	19.33333	19.33333	38
1SV19CS017	10	10	20	12.5	12.5	25	11.5	12	23	2	2	2	2	1	1	7.8333	7.833	7.833	7.8333	7.8333	7.8333	12.27011	12.27011	14.77011	14.77011	12.77976	12.77976	19.83333	19.83333	22.33333	22.33333	20.33333	20.33333	47
1SV19CS018	13.5	13.5	27	14.5	14.5	29	13.5	14	27	2	2	2	2	1	1	9.1667	9.167	9.167	9.1667	9.1667	9.1667	15.81609	15.81609	16.81609	16.81609	14.82738	14.82738	24.66667	24.66667	25.66667	25.66667	23.66667	23.66667	55
1SV19CS019	13.5	13.5	27	13	13	26	10.5	11	21	2	2	2	2	1	1	5	5	5	5	5	5	15.67241	15.67241	15.17241	15.17241	11.67857	11.67857	20.5	20.5	20	20	16.5	16.5	30
1SV19CS020	15	15	30	14.5	14.5	29	15	15	30	2	2	2	2	1	1	5.8333	5.833	5.833	5.8333	5.8333	5.8333	17.20115	17.20115	16.70115	16.70115	16.20833	16.20833	22.83333	22.83333	22.33333	22.33333	21.83333	21.83333	35
1SV19CS021	13	13	26	14.5	14.5	29	15	15	30	2	2	2	2	1	1	8.3333	8.333	8.333	8.3333	8.3333	8.3333	15.28736	15.28736	16.78736	16.78736	16.29762	16.29762	23.33333	23.33333	24.83333	24.83333	24.33333	24.33333	50
1SV19CS022	14.5	14.5	29	14.5	14.5	29	14	14	28	2	2	2	2	1	1	4.6667	4.667	4.667	4.6667	4.6667	4.6667	16.66092	16.66092	16.66092	16.66092	15.16667	15.16667	21.16667	21.16667	21.16667	21.16667	19.66667	19.66667	28
1SV19CS023	13.5	13.5	27	13.5	13.5	27	13.5	14	27	2	2	2	2	1	1	4.5	4.5	4.5	4.5	4.5	4.5	15.65517	15.65517	15.65517	15.65517	14.66071	14.66071	20	20	20	20	19	19	27
1SV19CS024	15	15	30	13	13	26	10	10	20	2	2	2	2	1	1	4.1667	4.167	4.167	4.1667	4.1667	4.1667	17.14368	17.14368	15.14368	15.14368	11.14881	11.14881	21.16667	21.16667	19.16667	19.16667	15.16667	15.16667	25
1SV19CS025	14.5	14.5	29	14	14	28	14	14	28	2	2	2	2	1	1	9	9	9	9	9	9	16.81034	16.81034	16.31034	16.31034	15.32143	15.32143	25.5	25.5	25	25	24	24	54
1SV19CS026	14	9	18	13	13	26	7.5	7.5	15	2	2	2	2	1	1	7	7	7	7	7	7	16.24138	11.24138	15.24138	15.24138	8.75	8.75	23	18	22	22	15.5	15.5	42
1SV19CS027	10	15	30	13.5	13.5	27	14.5	15	29	2	2	2	2	1	1	9	9	9	9	9	9	12.31034	17.31034	15.81034	15.81034	15.82143	15.82143	21	26	24.5	24.5	24.5	24.5	54
1SV19CS028	13.5	13.5	27	13.5	13.5	27	12.5	13	25	2	2	2	2	1	1	7.8333	7.833	7.833	7.8333	7.8333	7.8333	15.77011	15.77011	15.77011	15.77011	13.77976	13.77976	23.33333	23.33333	23.33333	23.33333	21.33333	21.33333	47
1SV19CS029	13.5	13.5	27	14	14	28	14	14	28	2	2	2	2	1	1	6.6667	6.667	6.667	6.6667	6.6667	6.6667	15.72989	15.72989	16.22989	16.22989	15.2381	15.2381	22.16667	22.16667	22.66667	22.66667	21.66667	21.66667	40
1SV19CS030	13	13	26	15	15	30	10	10	20	2	2	2	2	1	1	8.3333	8.333	8.333	8.3333	8.3333	8.3333	17.28736	15.28736	17.28736	17.28736	11.29762	11.29762	25.33333	23.33333	25.33333	25.33333	19.33333	19.33333	50
1SV19CS031	13	13	26	13.5	13.5	27	11.5	12	23	2	2	2	2	1	1	6.3333	6.333	6.333	6.3333	6.3333	6.3333	15.21839	15.21839	15.71839	15.71839	12.72619	12.72619	21.33333	21.33333	21.83333	21.83333	18.83333	18.83333	38
1SV19CS032	14.5	14.5	29	14	14	28	14.5	15	29	2	2	2	2	1	1	7.8333	7.833	7.833	7.8333	7.8333	7.8333	16.77011	16.77011	16.27011	16.27011	15.77976	15.77976	24.33333	24.33333	23.83333	23.83333	23.33333	23.33333	47
1SV19CS033	13.5	13.5	27	14	14	28	13.5	14	27	2	2	2	2	1	1	9.1667	9.167	9.167	9.1667	9.1667	9.1667	15.81609	15.81609	16.31609	16.31609	14.82738	14.82738	24.66667	24.66667	25.16667	25.16667	23.66667	23.66667	55
1SV19CS034	15	15	30	15	15	30	14.5	15	29	2	2	2	2	1	1	5	5	5	5	5	5	17.17241	17.17241	17.17241	17.17241	15.67857	15.67857	22	22	22	22	20.5	20.5	30
1SV19CS035	14.5	15	30	13.5	13.5	27	14.5	15	29	2	2	2	2	1	1	5.8333	5.833	5.833	5.8333	5.8333	5.8333	16.70115	17.20115	15.70115	15.70115	15.70833	15.70833	22.33333	22.83333	21.33333	21.33333	21.33333	21.33333	35
1SV19CS036	8	14	28	14	14	28	10	10	20	2	2	2	2	1	1	8.3333	8.333	8.333	8.3333	8.3333	8.3333	13.28736	16.28736	16.28736	16.28736	11.29762	11.29762	19.33333	24.33333	24.33333	24.33333	19.33333	19.33333	50
1SV19CS037	15	15	30	14.5	14.5	29	13	13	26	2	2	2	2	1	1	7.8333	7.833	7.833	7.8333	7.8333	7.8333	17.27011	17.27011	16.77011	16.77011	14.27976	14.27976	24.83333	24.83333	24.33333	24.33333	21.83333	21.83333	47
1SV19CS038	13.5	14.5	29	14	14	28	13	13	26	2	2	2	2	1	1	6.6667	6.667	6.667	6.6667	6.6667	6.6667	15.72989	16.72989	16.22989	16.22989	14.2381	14.2381	21.16667	22.16667	22.66667	22.66667	20.66667	20.66667	40
1SV19CS040	13.5	13.5	27	14.5	14.5	29	15	15	30	2	2	2	2	1	1	8.3333	8.333	8.333	8.3333	8.3333	8.3333	15.78736	15.78736	16.78736	16.78736	16.29762	16.29762	23.83333	23.83333	24.83333	24.83333	24.33333	24.33333	50
1SV19CS041	13	14.5	29	14	14	28	11.5	12	23	2	2	2	2	1	1	6.3333	6.333	6.333	6.3333	6.3333	6.3333	15.21839	16.71839	16.21839	16.21839	12.72619	12.72619	21.33333	21.83333	22.33333	22.33333	18.83333	18.83333	38
1SV19CS042	13	13.5	27	14	14	28	12.5	13	25	2	2	2	2	1	1	7.8333	7.833	7.833	7.8333	7.8333	7.8333	15.27011	15.77011	16.27011	16.27011	13.77976	13.77976	22.83333	23.33333	23.83333	23.83333	21.33333	21.33333	47
1SV19CS043	14.5	13.5	27	14	14	28	13	13	26	2	2	2	2	1	1	9.1667	9.167	9.167	9.1667	9.1667	9.1667	16.81609	15.81609	16.31609	16.31609	14.32738	14.32738	25.66667	24.66667	25.16667	25.16667	23.16667	23.16667	55
1SV19CS044	13.5	15	30	14	14	28	13	13	26	2	2	2	2	1	1	5	5	5	5	5	5	15.67241	17.17241	16.17241	16.17241	14.17857	14.17857	20.5	22	21	21	19	19	30
1SV19CS045	15	15	30	14.5	14.5	29	14.5	15	29	2	2	2	2	1	1	5.8333	5.833	5.833	5.8333	5.8333	5.8333	17.20115	17.20115	16.70115	16.70115	15.70833	15.70833	22.83333	22.83333	22.33333	22.33333	21.33333	21.33333	35
1SV19CS046	15	15	30	13.5	13.5	27	13.5	14	27	2	2	2	2	1	1	8.3333	8.333	8.333	8.3333	8.3333	8.3333	17.28736	17.28736	15.78736	15.78736	14.79762	14.79762	25.83333	25.33333	23.83333	23.83333	22.83333	22.83333	50
1SV19CS047	14	15	30	14.5	14.5	29	13	13	26	2	2	2	2	1	1	4.6667	4.667	4.667	4.6667	4.6667	4.6667	16.16092	17.16092	16.66092	16.66092	14.16667	14.16667	20.66667	21.66667	21.16667	21.16667	18.66667	18.66667	28
1SV19CS048	15	15	30	14	14	28	13	13	26	2	2	2	2	1	1	4.5	4.5	4.5	4.5	4.5	4.5	17.15517	17.15517	16.15517	16.15517	14.56071	14.56071	21.5	21.5	20.5	20.5	18.5	18.5	27
1SV19CS050	14.5	15	30	14.5	14.5	29	14.5	15	29	2	2	2	2	1	1	4.1667	4.167	4.167	4.1667	4.1667	4.1667	16.64368	17.14368	16.64368	16.64368	15.64881	15.64881	20.66667	21.16667	20.66667	20.66667	19.66667	19.66667	25
1SV19CS051	13.5	15	30	13.5	13.5	27	12	12	24	2	2	2	2	1	1	9	9	9	9	9	9	15.81034	17.31034	15.81034	15.81034	13.32143	13.32143	24.5	26	24.5	24.5	22	22	54
1SV19CS052	14.5	14.5	29	14.5	14.5	29	13.5	14	27	2	2	2	2	1	1	7	7	7	7	7	7	16.74138	16.74138	16.74138	16.74138	14.75	14.75	23.5	23.5	23.5	23.5	21.5	21.5	42
1SV19CS053	13.5	14.5	29	14.5	14.5	29	14.5	15	29	2	2	2	2	1	1	9	9	9	9	9	9	15.81034	16.81034	16.81034	16.81034	15.82143	15.82143	24.5	25.5	25.5	25.5	24.5	24.5	54
1SV19CS054	13.5	13.5	27	14	14	28	12.5	13	25	2	2	2	2	1	1	7.8333	7.833	7.833	7.8333	7.8333	7.8333	15.77011	15.77011	16.27011	16.27011	13.77976	13.77976	23.83333	23.83333	23.83333	23.83333	21.33333	21.33333	47
1SV19CS056	15	12.5	25	13.5	13.5	27	14	14	28	2	2	2	2	1	1	6.6667	6.667	6.667	6.6667	6.6667	6.6667	17.22989	14.72989	15.72989	15.72989	15.2381	15.2381	23.66667	21.16667	22.16667	22.16667	21.66667	21.66667	40
1SV19CS057	15	14.5	29	14.5	14.5	29	15	15	30	2	2	2	2	1	1	8.3333	8.333	8.333	8.3333	8.3333	8.3333	17.28736	16.78736	16.78736	16.78736	16.29762	16.29762	25.33333	24.83333	24.83333	24.83333	24.33333	24.33333	50
1SV19CS058	15	15	30	14	14	28	13	13	26	2	2	2	2	1	1	6.3333	6.333	6.333	6.3333	6.3333	6.3333	17.21839	17.21839	16.21839	16.21839	14.22619	14.22619	23.83333	23.33333	22.33333	22.33333	20.33333	20.33333	38
1SV19CS059	15	14.5	29	13.5	13.5	27	13.5	14	27	2	2	2	2	1	1	7.8333	7.833	7.833	7.8333	7.8333	7.8333	17.27011	16.77011	15.77011	15.77011	14.77976	14.77976	24.83333	24.33333	23.33333	23.33333	22.33333	22.33333	47
1SV19CS060	15	14	28	13.5	13.5	27	12.5	13	25	2	2	2	2	1	1	9.1667	9.167	9.167	9.1667	9.1667	9.1667	17.31609	16.31609	15.81609	15.81609	13.82738	13.82738	25.16667	25.16667	24.66667	24.66667	22.66667	22.66667	55
1SV19CS061	15	15	30	13.5	13.5	27	13	13	26	2	2	2	2	1	1	5	5	5	5	5	5	17.17241	17.17241	15.67241	15.67241	14.17857	14.17857	22	22	20.5	20.5	19	19	30
1SV19CS062	15	14.5	29	13.5	13.5	27	15	15	30	2	2	2	2	1	1	5.8333	5.833	5.833	5.8333	5.8333	5.8333	17.20115	16.70115	15.70115	15.70115	16.20833	16.20833	22.83333	22.83333	21.33333	21.33333	21.83333	21.83333	35
1SV19CS063	14.5	13.5	27	13.5	13.5	27	12.5	13	25	2	2	2	2	1	1	8.3333	8.333	8.333	8.3333	8.3333	8.3333	16.78736	15.78736	15.78736	15.78736	13.79762	13.79762	24.83333	23.83333	23.83333	23.83333	21.83333	21.83333	50
1SV19CS064	14.5	13.5	27	13	13	26	9.5	9.5	19	2	2	2	2	1	1	7.8333	7.833	7.833	7.8333	7.8333	7.8333	16.77011	15.77011	15.27011	15.27011	10.77976	10.77976	24.33333	23.83333	22.83333	22.83333	18.83333	18.83333	47
1SV19CS065	13.5	13.5	27	13.5	13.5	27	14.5	15	29	2	2	2	2	1	1	6.6667	6.667	6.667	6.6667	6.6667	6.6667	15.72989	15.72989	15.72989	15.72989	15.7381	15.7381	22.16667	22.16667	22.16667	22.16667	22.16667	22.16667	40
1SV19CS066	12.5	13.5	27	14	14	28	14.5	15	29	2	2	2	2	1	1	8.3333	8.333	8.333	8.3333	8.3333	8.3333	14.78736	15.78736	16.28736	16.28736	15.79762	15.79762	22.83333	23.83333	24.33333	24.33333	23.83333	23.83333	50
1SV19CS067	14.5	13	26	13.5	13.5	27	13	13	26	2	2	2	2	1	1	6.3333	6.333	6.333	6.3333	6.3333	6.3333	16.71839	15.21839	15.71839	15.71839	14.22619	14.22619	22.83333	21.33333	21.83333	21.83333	20.33333	20.33333	38
1SV19CS068	15	14	28	13.5	13.5	27	13.5	14	27	2	2	2	2	1	1	7.8333	7.833	7.833	7.8333	7.8333	7.8333	17.27011	16.77011	15.77011	15.77011	14.77976	14.77976	24.83333	23.83333	23.33333	23.33333	22.33333	22.33333	47
1SV19CS069	14.5	13.5	27	14	14	28	13.5	14	27	2	2	2	2	1	1	9.1667	9.167	9.167	9.1667	9.1667	9.1667	16.81609	15.81609	16.31609	16.31609	14.82738	14.82738	25.66667	24.66667	25.16667	25.16667	23.66667	23.66667	55
1SV19CS070	14	15	30	14	14	28	13.5	14	27	2	2	2	2	1	1	5	5	5	5	5	5	16.17241	17.17241	16.17241	16.17241	14.67857	14.67857	21	22	21	21	19.5	19.5	30
1SV19CS071	15	15	30	15	15	30	15	15	30	2	2	2	2	1	1	5.8333	5.833	5.833	5.8333	5.8333	5.8333	17.20115	17.20115	17.20115	17.20115	16.20833	16.20833	22.83333	22.83333	22.83333	22.83333	21.83333	21.83333	35
1SV19CS072	14.5	15	30	14	14	28	13.5	14	27	2	2	2	2	1	1	8.3333	8.333	8.333	8.3333	8.3333	8.3333	16.78736	17.28736	16.28736	16.28736	14.79762	14.79762	24.83333	25.33333	24.33333	24.33333	22.83333	22.83333	50
1SV19CS074	13.5	13.5	27	15	15	30	15	15	30	2	2	2	2	1	1	4.6667	4.667	4.667	4.6667	4.6667	4.6667	15.66092	15.66092	17.16092	17.16092	16.16667	16.16667	20.16667	20.16667	21.66667	21.66667	20.66667	20.66667	28
1SV19CS076	13.5	15	30	14	14	28	13.5	14	27	2	2	2	2	1	1	4.5	4.5	4.5	4.5	4.5	4.5	15.65517	17.15517	16.15517	16.15517	14.66071	14.66071	20	21.5	20.5	20.5	19	19	27
1SV19CS077	13.5	14.5	29	15	15	30	15	15	30	2	2	2	2	1	1	4.1667	4.167	4.167	4.1667	4.1667	4.1667	15.64368	16.64368	17.14368	17.14368	16.14881	16.14881	19.66667	20.66667	21.16667	21.16667	20.16667	20.16667	25

1SV19CS079	13.5	13	26	13	13	26	13.5	14	27	2	2	2	2	1	1	9	9	9	9	9	9	15.81034	15.31034	15.31034	15.31034	14.82143	14.82143	24.5	24	24	24	23.5	23.5	54
1SV19CS080	15	15	30	14	14	28	13.5	14	27	2	2	2	2	1	1	7	7	7	7	7	7	15.24138	17.24138	16.24138	16.24138	14.75	14.75	22	24	23	23	21.5	21.5	42
1SV19CS081	14	15	30	13.5	13.5	27	13.5	14	27	2	2	2	2	1	1	9	9	9	9	9	9	16.31034	17.31034	15.81034	15.81034	14.82143	14.82143	25	26	24.5	24.5	23.5	23.5	54
1SV19CS082	13.5	13	26	14.5	14.5	29	14.5	15	29	2	2	2	2	1	1	7.8333	7.833	7.833	7.8333	7.8333	7.8333	15.77011	15.27011	16.77011	16.77011	15.77976	15.77976	23.33333	22.83333	24.33333	24.33333	23.33333	23.33333	47
1SV19CS083	15	15	30	13.5	13.5	27	13.5	14	27	2	2	2	2	1	1	6.6667	6.667	6.667	6.6667	6.6667	6.6667	17.22989	17.22989	15.72989	15.72989	14.7381	14.7381	23.66667	23.66667	22.16667	22.16667	21.16667	21.16667	41
1SV19CS084	13	13	26	13.5	13.5	27	13.5	14	27	2	2	2	2	1	1	8.3333	8.333	8.333	8.3333	8.3333	8.3333	17.28736	15.28736	15.78736	15.78736	14.79762	14.79762	25.33333	23.83333	23.83333	23.83333	22.83333	22.83333	50
1SV19CS085	15	14.5	29	13.5	13.5	27	13.5	14	27	2	2	2	2	1	1	6.3333	6.333	6.333	6.3333	6.3333	6.3333	17.21839	16.71839	15.71839	15.71839	14.72619	14.72619	23.33333	22.83333	21.83333	21.83333	20.83333	20.83333	38
1SV19CS086	13.5	14.5	29	13.5	13.5	27	13.5	14	27	2	2	2	2	1	1	7.8333	7.833	7.833	7.8333	7.8333	7.8333	15.77011	16.77011	15.77011	15.77011	14.77976	14.77976	23.33333	24.33333	23.33333	23.33333	22.33333	22.33333	47
1SV18CS002	15	14	28	13.5	13.5	27	13.5	14	27	2	2	2	2	1	1	9.1667	9.167	9.167	9.1667	9.1667	9.1667	17.31609	16.31609	15.81609	15.81609	14.82738	14.82738	26.16667	25.16667	24.66667	24.66667	23.66667	23.66667	55
1SV18CS006	14.5	14	28	13.5	13.5	27	14.5	15	29	2	2	2	2	1	1	5	5	5	5	5	5	16.67241	16.17241	15.67241	15.67241	15.67857	15.67857	21.5	21	20.5	20.5	20.5	20.5	30
1SV18CS009	13	13	26	13.5	13.5	27	13.5	14	27	2	2	2	2	1	1	5.8333	5.833	5.833	5.8333	5.8333	5.8333	15.20115	15.20115	15.70115	15.70115	14.70833	14.70833	20.83333	20.83333	21.33333	21.33333	20.33333	20.33333	35
1SV18CS012	13	13	26	14	14	28	13.5	14	27	2	2	2	2	1	1	8.3333	8.333	8.333	8.3333	8.3333	8.3333	17.28736	15.28736	16.28736	16.28736	14.79762	14.79762	25.33333	23.33333	24.33333	24.33333	22.83333	22.83333	50
1SV18CS018	15	14.5	29	13.5	13.5	27	13.5	14	27	2	2	2	2	1	1	7.8333	7.833	7.833	7.8333	7.8333	7.8333	17.27011	16.77011	15.77011	15.77011	14.77976	14.77976	24.83333	24.33333	23.33333	23.33333	22.33333	22.33333	47
1SV18CS034	13	14	28	13.5	13.5	27	13.5	14	27	2	2	2	2	1	1	6.6667	6.667	6.667	6.6667	6.6667	6.6667	15.22989	16.22989	15.72989	15.72989	14.7381	14.7381	21.66667	23.66667	22.16667	22.16667	21.16667	21.16667	41
1SV18CS035	15	15	30	13.5	13.5	27	13.5	14	27	2	2	2	2	1	1	8.3333	8.333	8.333	8.3333	8.3333	8.3333	17.28736	17.28736	15.78736	15.78736	14.79762	14.79762	25.33333	25.33333	23.83333	23.83333	22.83333	22.83333	50
1SV18CS047	13	14	28	13.5	13.5	27	13	13	26	2	2	2	2	1	1	6.3333	6.333	6.333	6.3333	6.3333	6.3333	15.21839	16.21839	15.71839	15.71839	14.22619	14.22619	21.33333	22.33333	21.83333	21.83333	20.33333	20.33333	38
1SV20CS400	14.5	13.5	27	14	14	28	13.5	14	27	2	2	2	2	1	1	7.8333	7.833	7.833	7.8333	7.8333	7.8333	16.77011	15.77011	16.27011	16.27011	14.77976	14.77976	24.33333	23.33333	23.83333	23.83333	22.33333	22.33333	47
1SV20CS401	14.5	12	24	14	14	28	14	14	28	2	2	2	2	1	1	9.1667	9.167	9.167	9.1667	9.1667	9.1667	16.81609	14.31609	16.31609	16.31609	15.32738	15.32738	25.66667	23.16667	25.16667	25.16667	24.16667	24.16667	55
1SV19CS055	14	10	20	13.5	13.5	27	13.5	14	27	2	2	2	2	1	1	5	5	5	5	5	5	16.17241	12.17241	15.67241	15.67241	14.67857	14.67857	21	17	20.5	20.5	19.5	19.5	30
1SV19IS001	14	14.5	29	13.5	13.5	27	13	13	26	2	2	2	2	1	1	5.8333	5.833	5.833	5.8333	5.8333	5.8333	16.20115	16.70115	15.70115	15.70115	14.20833	14.20833	21.83333	22.33333	21.33333	21.33333	19.83333	19.83333	35
1SV19IS002	13	15	30	13.5	13.5	27	14	14	28	2	2	2	2	1	1	8.3333	8.333	8.333	8.3333	8.3333	8.3333	15.28736	17.28736	15.78736	15.78736	15.29762	15.29762	23.83333	25.33333	23.83333	23.83333	23.33333	23.33333	50
1SV19IS003	13	14.5	29	13.5	13.5	27	13.5	14	27	2	2	2	2	1	1	4.6667	4.667	4.667	4.6667	4.6667	4.6667	15.16092	16.66092	15.66092	15.66092	14.66667	14.66667	19.66667	21.16667	20.16667	20.16667	19.16667	19.16667	28
1SV19IS005	14.5	15	30	13.5	13.5	27	13	13	26	2	2	2	2	1	1	4.5	4.5	4.5	4.5	4.5	4.5	16.65517	17.15517	15.65517	15.65517	14.16071	14.16071	21	21.5	20	20	18.5	18.5	27
1SV19IS006	14	15	30	14	14	28	14	14	28	2	2	2	2	1	1	4.1667	4.167	4.167	4.1667	4.1667	4.1667	16.14368	17.14368	16.14368	16.14368	15.14881	15.14881	20.16667	21.16667	20.16667	20.16667	19.16667	19.16667	25
1SV19IS007	15	15	30	14.5	14.5	29	14.5	15	29	2	2	2	2	1	1	9	9	9	9	9	9	17.31034	17.31034	16.81034	16.81034	15.82143	15.82143	26	26	25.5	25.5	24.5	24.5	54
1SV19IS008	14	13.5	27	14	14	28	13.5	14	27	2	2	2	2	1	1	7	7	7	7	7	7	16.24138	15.74138	16.24138	16.24138	14.75	14.75	23	22.5	23	23	21.5	21.5	42
1SV19IS009	13.5	15	30	10	10	20	10	10	20	2	2	2	2	1	1	9	9	9	9	9	9	15.81034	17.31034	12.31034	12.31034	11.32143	11.32143	24.5	26	21	21	20	20	54
1SV19IS010	13	15	30	14	14	28	14	14	28	2	2	2	2	1	1	7.8333	7.833	7.833	7.8333	7.8333	7.8333	16.27011	17.27011	16.27011	16.27011	15.27976	15.27976	23.83333	24.83333	23.83333	23.83333	22.83333	22.83333	47
1SV19IS011	10	14.5	29	13.5	13.5	27	13	13	26	2	2	2	2	1	1	6.6667	6.667	6.667	6.6667	6.6667	6.6667	12.22989	16.72989	15.72989	15.72989	14.2381	14.2381	18.66667	23.16667	22.16667	22.16667	20.66667	20.66667	41
1SV19IS012	14.5	14.5	29	13.5	13.5	27	13	13	26	2	2	2	2	1	1	8.3333	8.333	8.333	8.3333	8.3333	8.3333	16.78736	16.78736	15.78736	15.78736	14.29762	14.29762	24.83333	24.83333	23.83333	23.83333	22.33333	22.33333	50
1SV19IS013	15	15	30	13.5	13.5	27	13	13	26	2	2	2	2	1	1	6.3333	6.333	6.333	6.3333	6.3333	6.3333	17.21839	17.21839	15.71839	15.71839	14.22619	14.22619	23.33333	23.33333	21.83333	21.83333	20.33333	20.33333	38
1SV19IS014	14.5	13	26	13.5	13.5	27	13	13	26	2	2	2	2	1	1	7.8333	7.833	7.833	7.8333	7.8333	7.8333	16.77011	15.27011	15.77011	15.77011	14.27976	14.27976	24.33333	22.83333	23.33333	23.33333	21.83333	21.83333	47
1SV19IS015	15	14.5	29	13.5	13.5	27	13	13	26	2	2	2	2	1	1	9.1667	9.167	9.167	9.1667	9.1667	9.1667	17.31609	16.81609	15.81609	15.81609	14.32738	14.32738	26.16667	25.66667	24.66667	24.66667	23.16667	23.16667	55
1SV19IS016	15	15	30	13.5	13.5	27	13	13	26	2	2	2	2	1	1	5	5	5	5	5	5	17.17241	17.17241	15.67241	15.67241	14.17857	14.17857	22	22	20.5	20.5	19	19	30
1SV19IS017	15	15	30	14	14	28	13.5	14	27	2	2	2	2	1	1	5.8333	5.833	5.833	5.8333	5.8333	5.8333	17.20115	17.20115	16.20115	16.20115	14.70833	14.70833	22.83333	22.83333	21.83333	21.83333	20.33333	20.33333	35
1SV19IS018	13.5	15	30	15	15	30	15	15	30	2	2	2	2	1	1	8.3333	8.333	8.333	8.3333	8.3333	8.3333	15.78736	17.28736	17.28736	17.28736	16.29762	16.29762	23.83333	25.33333	25.33333	25.33333	24.33333	24.33333	50
1SV19IS019	15	15	30	13.5	13.5	27	13.5	14	27	2	2	2	2	1	1	7.8333	7.833	7.833	7.8333	7.8333	7.8333	17.27011	17.27011	15.77011	15.77011	14.77976	14.77976	24.83333	24.83333	23.33333	23.33333	22.33333	22.33333	47
1SV19IS020	15	13.5	27	14	14	28	13.5	14	27	2	2	2	2	1	1	6.6667	6.667	6.667	6.6667	6.6667	6.6667	17.22989	15.72989	16.22989	16.22989	14.7381	14.7381	23.66667	22.16667	22.66667	22.66667	21.16667	21.16667	41
1SV19IS022	14.5	15	30	14	14	28	13.5	14	27	2	2	2	2	1	1	8.3333	8.333	8.333	8.3333	8.3333	8.3333	16.78736	17.28736	16.28736	16.28736	14.79762	14.79762	24.83333	25.33333	24.33333	24.33333	22.83333	22.83333	50
1SV19IS023	14.5	15	30	15	15	30	15	15	30	2	2	2	2	1	1	6.3333	6.333	6.333	6.3333	6.3333	6.3333	16.71839	17.21839	17.21839	17.21839	16.22619	16.22619	22.83333	23.33333	23.33333	23.33333	22.33333	22.33333	38
1SV19IS024	15	15	30	14.5	14.5	29	14.5	15	29	2	2	2	2	1	1	7.8333	7.833	7.833	7.8333	7.8333	7.8333	17.27011	17.27011	16.77011	16.77011	15.77976	15.77976	24.83333	24.83333	24.33333	24.33333	23.33333	23.33333	47
1SV19IS025	15	15	30	14	14	28	14	14	28	2	2	2	2	1	1	9.1667	9.167	9.167	9.1667	9.1667	9.1667	17.31609	17.31609	16.31609	16.31609	15.32738	15.32738	26.16667	26.16667	25.16667	25.16667	24.16667	24.16667	55
1SV19IS026	14.5	13.5	27	13.5	13.5	27	14	14	28	2	2	2	2	1	1	5	5	5	5	5	5	16.67241	15.67241	15.67241	15.67241	15.17857	15.17857	21.5	20.5	20.5	20.5	20	20	30
1SV19IS027	15	12	24	13.5	13.5	27	14	14	28	2	2	2	2	1	1	5.8333	5.833	5.833	5.8333	5.8333	5.8333	17.20115	14.20115	15.70115	15.70115	15.20833	15.20833	22.83333	19.83333	21.33333	21.33333	20.83333	20.83333	35
1SV18IS001	15	10	20	14.5	14.5	29	14	14	28	2	2	2	2	1	1	8.3333	8.333	8.333	8.3333	8.3333	8.3333	17.28736	12.28736	16.78736	16.78736	15.29762	15.29762	25.33333	20.33333	24.83333	24.83333	23.33333	23.33333	50

Faculty

HOD

Principal

SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY

SIRA ROAD, TUMKUR- 572 106.

Department of Computer Science and Engineering

COURSE OUTCOME

CO1. Understand the concepts of OS, the basic principles used in the design of modern operating system and process.
CO2. Understand the concepts of threads and mechanisms for synchronization.
CO3. Understand the concepts related to deadlock and memory management.
CO4. Understand the concepts of virtual memory management, file system.

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.
PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.
PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.
PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities.
PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.
PO7 Environment and sustainability: Understand the impact of the professional engineering solutions societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.
PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.
PO12 Life-long learning: A recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr. KIRAN G M				
BRANCH	CSE	ACADEMIC YEAR	2020-21		
COURSE	B.E	SEMESTER	IV	SECTION	B
SUBJECT	OPERATING SYSTEMS	SUBJECT CODE	18CS43		

CO-PO-PSO Mapping

COs	Pos												PSOs		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
CO1	1											2		2	
CO2	1	1										2		2	
CO3	1	1										2		2	
CO4	1	1										2		2	
Average	1.0	1.0										2.0		2.0	

CO AND PO ATTAINMENT

ATTAINMENT TABLE

COs	AVG	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	56.5	0.56											1.12		1.12	
CO2	67.2	0.67	0.67										1.34		1.34	
CO3	64.7	0.64	0.64										1.29		1.29	
CO4	58.4	0.58	0.58										1.16		1.16	
AVERAGE		0.61	0.63										1.22		1.22	

STAFF INCHARGE

HOD,
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.

PRINCIPAL
SIET., TUMAKURU

SUB:Operating System			18CS43		2020-21		KIRAN G M			SEM:IV			EVEN									TOTAL AVERAGE
						T1	T2		T3	ASSIGNMENT 6/4				SEE					FINAL				
SL NO	USN	Name	T1	T2	T3	CO1-4	CO2-15	CO3-15	CO4-6	CO1-2	C02-2	CO3-1	CO4-1	SEE(60)	CO1-15	CO1-15	CO3-15	CO4-15	CO1-21	CO2-32	CO3-31	CO4-22	
1	1SV19CS067	SHWET KUMAR	4	27	6	4	14	13	6	2	2	1	1	21	5.25	5.25	5.25	5.25	11.25	21.25	19.25	12.25	16
2	1SV19CS068	SIDDALINGAIAH N M	4	26	6	4	13	13	6	2	2	1	1	17	4.25	4.25	4.25	4.25	10.25	19.25	18.25	11.25	14.75
3	1SV19CS069	SIDDESHYADAV G S	4	26	6	4	13	13	6	2	2	1	1	26	6.5	6.5	6.5	6.5	12.5	21.5	20.5	13.5	17
4	1SV19CS070	SIKAS S K	4	25	6	4	15	10	6	2	2	1	1	29	7.25	7.25	7.25	7.25	13.25	24.25	18.25	14.25	17.5
5	1SV19CS071	SINCHANA B S	4	30	6	4	15	15	6	2	2	1	1	29	7.25	7.25	7.25	7.25	13.25	24.25	23.25	14.25	18.75
6	1SV19CS072	SRUJAN H K	4	26	6	4	15	11	6	2	2	1	1	30	7.5	7.5	7.5	7.5	13.5	24.5	19.5	14.5	18
7	1SV19CS074	SUCHITRA H C	4	30	6	4	15	15	6	2	2	1	1	22	5.5	5.5	5.5	5.5	11.5	22.5	21.5	12.5	17
8	1SV19CS076	SUHAS H B	4	26	6	4	15	11	6	2	2	1	1	27	6.75	6.75	6.75	6.75	12.75	23.75	18.75	13.75	17.25
9	1SV19CS077	SUPRIYA C S	4	30	6	4	15	15	6	2	2	1	1	22	5.5	5.5	5.5	5.5	11.5	22.5	21.5	12.5	17
10	1SV19CS079	TARUN R N	4	25	6	4	10	15	6	2	2	1	1	17	4.25	4.25	4.25	4.25	10.25	16.25	20.25	11.25	14.5
11	1SV19CS080	UTSHAV NEPAL	4	28	6	4	14	14	6	2	2	1	1	26	6.5	6.5	6.5	6.5	12.5	22.5	21.5	13.5	17.5
12	1SV19CS081	VARSHA N	4	28	6	4	14	14	6	2	2	1	1	25	6.25	6.25	6.25	6.25	12.25	22.25	21.25	13.25	17.25
13	1SV19CS082	VARSHINI J	4	29	6	4	14	15	6	2	2	1	1	34	8.5	8.5	8.5	8.5	14.5	24.5	24.5	15.5	19.75
14	1SV19CS083	Y S YASWANTH SAI	4	28	6	4	14	14	6	2	2	1	1	36	9	9	9	9	15	25	24	16	20
15	1SV19CS084	YASHAS G	4	26	6	4	13	13	6	2	2	1	1	21	5.25	5.25	5.25	5.25	11.25	20.25	19.25	12.25	15.75
16	1SV19CS085	YATHISH GOWDA K H	4	26	6	4	13	13	6	2	2	1	1	25	6.25	6.25	6.25	6.25	12.25	21.25	20.25	13.25	16.75
17	1SV19CS086	ZAKAUR RAHMAN	4	26	6	4	13	13	6	2	2	1	1	24	6	6	6	6	12	21	20	13	16.5
18	1SV18CS002	AISHWARYA S	4	26	6	4	13	13	6	2	2	1	1	15	3.75	3.75	3.75	3.75	9.75	18.75	17.75	10.75	14.25
19	1SV18CS006	BHARATH KUMAR J	4	26	6	4	13	13	6	2	2	1	1	33	8.25	8.25	8.25	8.25	14.25	23.25	22.25	15.25	18.75
20	1SV18CS009	DEEKSHITH R	4	26	6	4	13	13	6	2	2	1	1	19	4.75	4.75	4.75	4.75	10.75	19.75	18.75	11.75	15.25
21	1SV18CS012	DIVYA DEEKSHITH S	4	27	6	4	14	13	6	2	2	1	1	26	6.5	6.5	6.5	6.5	12.5	22.5	20.5	13.5	17.25
22	1SV18CS018	GURUPRASAD B S	4	26	6	4	13	13	6	2	2	1	1	27	6.75	6.75	6.75	6.75	12.75	21.75	20.75	13.75	17.25
23	1SV18CS034	RAKSHITHA RANGANATH	4	27	6	4	13	14	6	2	2	1	1	25	6.25	6.25	6.25	6.25	12.25	21.25	21.25	13.25	17
24	1SV18CS035	SANDEEP H	4	26	6	4	13	13	6	2	2	1	1	10	2.5	2.5	2.5	2.5	8.5	17.5	16.5	9.5	13
25	1SV18CS047	YASHVANTHKUMAR P	4	26	6	4	13	13	6	2	2	1	1	15	3.75	3.75	3.75	3.75	9.75	18.75	17.75	10.75	14.25
26	1SV20CS400	HEMA M S	4	26	6	4	13	13	6	2	2	1	1	22	5.5	5.5	5.5	5.5	11.5	20.5	19.5	12.5	16
27	1SV20CS401	SWATHI K M	4	28	6	4	14	14	6	2	2	1	1	20	5	5	5	5	11	21	20	12	16
28	1SV19CS055	RAJAN KUMAR PATEL	4	26	6	4	15	11	6	2	2	1	1	14	3.5	3.5	3.5	3.5	9.5	20.5	15.5	10.5	14
																			11.866	21.509	20.08	12.866	
																			56.505	67.215	64.775	58.482	

HOD,
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.

Sri Shridevi Charitable Trust (R.)
SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY
Sira Road, Tumkur - 572 106, Karnataka, India.
Phone: 0816 - 2212629 | Principal: 0816 - 2212627, 9686114899 | Telefax: 0816 - 2212628
Email: info@shrideviengineering.org, principal@shrideviengineering.org | Website: www.shridevienginering.org
(Approved by AICTE, New Delhi, Recognised by Govt. of Karnataka and Affiliated to Visvesvaraya Technological University, Belagavi)

Department of Computer Science and Engineering

2020-2021

COURSE OUTCOMES

COURSE: OBJECT ORIENTED CONCEPTS 18CS45

CO1. Explain the object-oriented concepts and JAVA.
CO2. Develop computer programs to solve real world problems in Java.
CO3. Develop simple GUI interfaces for a computer program to interact with users, and to understand the event-based GUI handling principles using swings.
CO4. Implement the Java JDK environment to create, debug and run simple Java programs.

PROGRAM OUTCOMES

PO1. Engineering knowledge: An ability to apply knowledge of mathematics (including probability, Statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.
PO2. Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems Reaching substantiated conclusions using first principles of mathematics, natural sciences, and Engineering sciences.
PO3. Design / development of solutions: An ability to design solution for engineering problems and design System components or process to meet desired specifications and needs.
PO4. Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, Design synthesis of the information to solve complex engineering problems and provide valid Conclusions.
PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern Engineering and IT tools, including prediction and modelling to complex engineering activities.
PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, Health, safety, legal, and cultural issues.
PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in Societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable Development.
PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of The engineering practice.
PO.9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse Teams, and in multidisciplinary settings.
PO10. Communication: Communicate effectively on complex engineering activities with the engineering Community and with the society.
PO11. Project management and finance: An ability to use the modern engineering tools, techniques, skills And management principles to do work as a member and leader in a team, to manage projects in Multidisciplinary environments.
PO12. Life-long learning: recognition of the need for, and an ability to engage in, to resolve Contemporary issues and acquire lifelong learning.

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Email: info@shrideviengineering.org, principal@shrideviengineering.org | Website: www.shridevengineering.org
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COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr. CHETHAN M S				
BRANCH	CSE	ACADEMIC YEAR	2020-2021		
COURSE	B.E	SEMESTER	IV	SECTION	B
SUBJECT	OBJECT ORIENTED CONCEPTS	SUBJECT CODE	18CS45		

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	1	1	2	-	-	-	-	-	-	-	2	-	-	-
CO2	2	1	2	2	-	-	-	-	-	-	-	2	2	-	2
CO3	2	1	2	2	3	-	-	-	-	-	-	2	3	-	2
CO4	2	1	3	3	3	-	-	-	-	-	-	2	2	-	2
AVG	2.0	1.0	2.0	2.2	1.5	-	-	-	-	-	-	2.0	1.7	-	1.5
OVERALL MAPPING OF SUBJECT												1.73			

CO AND PO ATTAINMENT

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	50.62	1.01	0.50	0.50	1.01	-	-	-	-	-	-	-	1.01	-	-	-
CO2	45.22	0.90	0.45	0.90	0.90	-	-	-	-	-	-	-	0.90	0.90	-	0.90
CO3	45.22	0.90	0.45	0.90	0.90	1.35	-	-	-	-	-	-	0.90	1.35	-	0.90
CO4	53.39	1.06	0.53	1.60	1.60	1.60	-	-	-	-	-	-	1.06	1.06	-	1.06
AVERAGE	48.61	0.96	0.48	0.97	0.10	1.47	-	-	-	-	-	-	0.96	1.10	-	0.95
FINAL ATTAINMENT LEVEL													0.87			

STAFF INCHARGE

HOD,
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.

PRINCIPAL
SIET, TUMAKURU

Department of Computer Science and Engineering

COURSE INSTRUCTOR: Prof. CHETHAN M S			COURSE CODE:18CS45		COURSE: : OBJECT ORIENTED CONCEPTS					SEM: IV SEM B-Section		2020-2021 ODD SEM		TOTAL STRENGTH : 28				CSE				
						T1	T2		T3	ASSIGNMENT=06				SEE= 60M				FINAL				SEE
Roll No.	USN	Name	T1=02	T2=02	T3=30	CO1=2	CO2=2	CO3=2	CO4=30	CO1=1.5	CO2=1.5	CO3=1.5	CO4=1.5	CO1=15	CO2=15	CO3=15	CO4=15	CO1=18.5	CO2=18.5	CO3=18.5	CO4=46.5	
1	1SV19CS067	SHWET KUMAR	2	2	13	2	1	1	13	1.5	1.5	1.5	1.5	5.25	5.25	5.25	5.25	8.75	7.75	7.75	19.75	21
2	1SV19CS068	SIDDALINGAIAH N M	2	2	10	2	1	1	10	1.5	1.5	1.5	1.5	4.25	4.25	4.25	4.25	7.75	6.75	6.75	15.75	17
3	1SV19CS069	SIDDESHYADAV G S	2	2	29	2	1	1	29	1.5	1.5	1.5	1.5	6.5	6.5	6.5	6.5	10	9	9	37	26
4	1SV19CS070	SIKAS S K	2	2	26	2	1	1	26	1.5	1.5	1.5	1.5	7.25	7.25	7.25	7.25	10.75	9.75	9.75	34.75	29
5	1SV19CS071	SINCHANA B S	2	2	16	2	1	1	16	1.5	1.5	1.5	1.5	7.25	7.25	7.25	7.25	10.75	9.75	9.75	24.75	29
6	1SV19CS072	SRUJAN H K	2	2	27	2	1	1	27	1.5	1.5	1.5	1.5	7.5	7.5	7.5	7.5	11	10	10	36	30
7	1SV19CS074	SUCHITRA H C	2	2	12	2	1	1	12	1.5	1.5	1.5	1.5	5.5	5.5	5.5	5.5	9	8	8	19	22
8	1SV19CS076	SUHAS H B	2	2	22	2	1	1	22	1.5	1.5	1.5	1.5	6.75	6.75	6.75	6.75	10.25	9.25	9.25	30.25	27
9	1SV19CS077	SUPRIYA C S	2	2	22	2	1	1	22	1.5	1.5	1.5	1.5	5.5	5.5	5.5	5.5	9	8	8	29	22
10	1SV19CS079	TARUN R N	2	2	10	2	1	1	10	1.5	1.5	1.5	1.5	4.25	4.25	4.25	4.25	7.75	6.75	6.75	15.75	17
11	1SV19CS080	UTSHAV NEPAL	2	2	20	2	1	1	20	1.5	1.5	1.5	1.5	6.5	6.5	6.5	6.5	10	9	9	28	26
12	1SV19CS081	VARSHA N	2	2	17	2	1	1	17	1.5	1.5	1.5	1.5	6.25	6.25	6.25	6.25	9.75	8.75	8.75	24.75	25
13	1SV19CS082	VARSHINI J	2	2	27	2	1	1	27	1.5	1.5	1.5	1.5	8.5	8.5	8.5	8.5	12	11	11	37	34
14	1SV19CS083	Y S YASWANTH SAI	2	2	23	2	1	1	23	1.5	1.5	1.5	1.5	9	9	9	9	12.5	11.5	11.5	33.5	36
15	1SV19CS084	YASHAS G	2	2	18	2	1	1	18	1.5	1.5	1.5	1.5	5.25	5.25	5.25	5.25	8.75	7.75	7.75	24.75	21
16	1SV19CS085	YATHISH GOWDA K H	2	2	23	2	1	1	23	1.5	1.5	1.5	1.5	6.25	6.25	6.25	6.25	9.75	8.75	8.75	30.75	25
17	1SV19CS086	ZAKAUR RAHMAN	2	2	14	2	1	1	14	1.5	1.5	1.5	1.5	6	6	6	6	9.5	8.5	8.5	21.5	24
18	1SV18CS002	AISHWARYA S	2	2	11	2	1	1	11	1.5	1.5	1.5	1.5	3.75	3.75	3.75	3.75	7.25	6.25	6.25	16.25	15
19	1SV18CS006	BHARATH KUMAR J	2	2	24	2	1	1	24	1.5	1.5	1.5	1.5	8.25	8.25	8.25	8.25	11.75	10.75	10.75	33.75	33
20	1SV18CS009	DEEKSHITH R	2	2	15	2	1	1	15	1.5	1.5	1.5	1.5	4.75	4.75	4.75	4.75	8.25	7.25	7.25	21.25	19
21	1SV18CS012	DIVYA DEEKSHITH S	2	2	14	2	1	1	14	1.5	1.5	1.5	1.5	6.5	6.5	6.5	6.5	10	9	9	22	26
22	1SV18CS018	GURUPRASAD B S	2	2	18	2	1	1	18	1.5	1.5	1.5	1.5	6.75	6.75	6.75	6.75	10.25	9.25	9.25	26.25	27
23	1SV18CS034	RAKSHITHA	2	2	10	2	1	1	10	1.5	1.5	1.5	1.5	6.25	6.25	6.25	6.25	9.75	8.75	8.75	17.75	25
24	1SV18CS035	SANDEEP H	2	2	11	2	1	1	11	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5	6	5	5	15	10
25	1SV18CS047	YASHVANTHKUMAR P	2	2	15	2	1	1	15	1.5	1.5	1.5	1.5	3.75	3.75	3.75	3.75	7.25	6.25	6.25	20.25	15
26	1SV20CS400	HEMA M S	2	2	16	2	1	1	16	1.5	1.5	1.5	1.5	5.5	5.5	5.5	5.5	9	8	8	23	22
27	1SV20CS401	SWATHI K M	2	2	16	2	1	1	16	1.5	1.5	1.5	1.5	5	5	5	5	8.5	7.5	7.5	22.5	20
28	1SV19CS055	RAJAN KUMAR PATEL	2	2	10	2	1	1	10	1.5	1.5	1.5	1.5	3.5	3.5	3.5	3.5	7	6	6	15	14
																	AVG	9.366071	8.366071	8.366071	24.83036	
																	%	50.62741	45.22201	45.22201	53.39862	

CHETHAN M.S

HOD,
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.

Department of Computer Science and Engineering

COURSE OUTCOME

CO1. Comprehend the transmission technique of digital data between two or more computers and a computer network that allows computers to exchange data.
CO2. Explain with the basics of data communication and various types of computer networks
CO3. Demonstrate Medium Access Control protocols for reliable and noisy channels
CO4. Expose wireless and wired LANs.

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, tatistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.
PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.
PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.
PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities.
PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.
PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable velopment.
PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.
PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.
PO12 Life-long learning: recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr. KUMAR H R				
BRANCH	CSE	ACADEMIC YEAR	2020-21		
COURSE	B.E	SEMESTER	IV	SECTION	B
SUBJECT	DATA COMMUNICATION	SUBJECT CODE	18CS46		

CO-PO-PSO Mapping															
COs	Pos												PSOs		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
CO1	2												2		
CO2	2	2											2		
CO3	2	2										2	1		1
CO4	2	2											1		1
Average	2	2										2	1.5		1

CO AND PO ATTAINMENT

ATTAINMENT TABLE															
COs	AVG	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	53.8	1.07												1.07		
CO2	53.8	1.07	1.07											1.07		
CO3	70.3	1.40	1.40										1.40	0.70		0.70
CO4	51.8	1.05	1.05											0.52		0.52
AVERAGE		1.14	1.17										1.40	0.84		0....

Kumar HR
STAFF INCHARGE

HOD.
COMPUTER SCIENCE & ENGG.
SIET, TUMAKURU-06.

PRINCIPAL
SIET, TUMAKURU

84	1SV18CS035	SANDEEP H	2	2	22	2	2	10	12	2	2	1	1	10	2.5	2.5	2.5	2.5	6.5	6.5	13.5	15.5	10.5
85	1SV18CS047	YASHVANTHKUMAR P	2	2	18	2	2	8	10	2	2	1	1	15	3.8	3.8	3.8	3.8	7.8	7.8	12.8	14.8	10.8
86	1SV20CS400	HEMA M S	2	2	23	2	2	20	3	2	2	1	1	22	5.5	5.5	5.5	5.5	9.5	9.5	26.5	9.5	13.8
87	1SV20CS401	SWATHI K M	2	2	23	2	2	20	3	2	2	1	1	20	5	5	5	5	9	9	26	9	13.3
88	1SV19CS055	RAJAN KUMAR PATEL	2	2	18	2	2	10	8	2	2	1	1	14	3.5	3.5	3.5	3.5	7.5	7.5	14.5	12.5	10.5
																			10.11	10.11	20.20	16.33	
																		PER	53.2	53.2	65.2	52.7	

Class: IV Sem B sec [ISE]

Roll No.	USN	Name	18CS46				2020-21								SEM: IV		EVEN		FACULTY:Mr.KUMAR H R				
			SUB:DC			T1	T2	T3		ASSIGNMENT 6/4					SEE				FINAL				TOTAL AVG
			T1	T2	T3	CO1-02	CO2-02	CO3-15	CO4-15	CO1-2	CO2-2	CO3-1	CO4-1	SEE(60)	CO1-15	CO2-15	CO3-15	CO4-15	CO1-19	CO2-19	CO3-31	CO4-31	
89	1SV19IS001	ABHISHEK V	2	2	26	2	2	15	11	2	2	1	1	29	7.3	7.3	7.3	7.3	11.3	11.3	23.3	19.3	16.3
90	1SV19IS002	B S CHAITHRA	2	2	23	2	2	18	5	2	2	1	1	25	6.3	6.3	6.3	6.3	10.3	10.3	25.3	12.3	14.6
91	1SV19IS003	BINDUSHREE T N	2	2	21	2	2	20	1	2	2	1	1	19	4.8	4.8	4.8	4.8	8.8	8.8	25.8	6.8	12.6
92	1SV19IS005	H RANJITHA	2	2	24	2	2	20	4	2	2	1	1	24	6	6	6	6	10	10	27	11	14.5
93	1SV19IS006	HAMEEDA BANU	2	2	27	2	2	20	7	2	2	1	1	27	6.8	6.8	6.8	6.8	10.8	10.8	27.8	14.8	16.1
94	1SV19IS007	JOSHNI P S	2	2	23	2	2	16	7	2	2	1	1	26	6.5	6.5	6.5	6.5	10.5	10.5	23.5	14.5	14.8
95	1SV19IS008	MAMATHASHREE H	2	2	17	2	2	7	10	2	2	1	1	16	4	4	4	4	8	8	12	15	10.8
96	1SV19IS009	MD ASIF HUSSAIN	2	2	21	2	2	11	10	2	2	1	1	17	4.3	4.3	4.3	4.3	8.3	8.3	16.3	15.3	12.1
97	1SV19IS010	MUSKAN W	2	2	25	2	2	20	5	2	2	1	1	23	5.8	5.8	5.8	5.8	9.8	9.8	26.8	11.8	14.6
98	1SV19IS011	NISHMA M N	2	2	27	2	2	17	10	2	2	1	1	28	7	7	7	7	11	11	25	18	16.3
99	1SV19IS012	PRIYA AGADI	2	2	29	2	2	19	10	2	2	1	1	26	6.5	6.5	6.5	6.5	10.5	10.5	26.5	17.5	16.3
100	1SV19IS013	RAVITEJA S	2	2	29	2	2	10	19	2	2	1	1	31	7.8	7.8	7.8	7.8	11.8	11.8	18.8	27.8	17.6
101	1SV19IS014	SAHANA Y GOWDA	2	2	17	2	2	7	10	2	2	1	1	18	4.5	4.5	4.5	4.5	8.5	8.5	12.5	15.5	11.3
102	1SV19IS015	SAI PAVAN	2	2	23	2	2	22	1	2	2	1	1	25	6.3	6.3	6.3	6.3	10.3	10.3	29.3	8.3	14.6
103	1SV19IS016	SHIVAKUMAR B C	2	2	26	2	2	10	16	2	2	1	1	30	7.5	7.5	7.5	7.5	11.5	11.5	18.5	24.5	16.5
104	1SV19IS017	SHREEDHARA	2	2	24	2	2	20	4	2	2	1	1	32	8	8	8	8	12	12	29	13	16.5
105	1SV19IS018	SINCHANA K M	2	2	23	2	2	18	5	2	2	1	1	22	5.5	5.5	5.5	5.5	9.5	9.5	24.5	11.5	13.8
106	1SV19IS019	SINDHUSHREE K O	2	2	17	2	2	10	7	2	2	1	1	24	6	6	6	6	10	10	17	14	12.8
107	1SV19IS020	SNEHA H T	2	2	19	2	2	9	10	2	2	1	1	19	4.8	4.8	4.8	4.8	8.8	8.8	14.8	15.8	12.1
108	1SV19IS022	THANMAYI P	2	2	26	2	2	16	10	2	2	1	1	26	6.5	6.5	6.5	6.5	10.5	10.5	23.5	17.5	15.5
109	1SV19IS023	THANUJA M	2	2	28	2	2	18	10	2	2	1	1	26	6.5	6.5	6.5	6.5	10.5	10.5	25.5	17.5	16.0
110	1SV19IS024	VAISHNAVI C S	2	2	28	2	2	10	18	2	2	1	1	25	6.3	6.3	6.3	6.3	10.3	10.3	17.3	25.3	15.8
111	1SV19IS025	VARSHITHA R	2	2	18	2	2	10	8	2	2	1	1	25	6.3	6.3	6.3	6.3	10.3	10.3	17.3	15.3	13.3
112	1SV19IS026	VENKATESH M KAMBLE	2	2	23	2	2	10	13	2	2	1	1	24	6	6	6	6	10	10	17	20	14.3
113	1SV19IS027	VINAY KUMAR K S	2	2	19	2	2	10	9	2	2	1	1	28	7	7	7	7	11	11	18	17	14.3
114	1SV18IS001	YASHASWINI K N	2	2	26	2	2	16	10	2	2	1	1	30	7.5	7.5	7.5	7.5	11.5	11.5	24.5	18.5	16.5
																			10.22	10.22	21.80	16.07	14.6
																		PER	53.8	53.8	70.3	51.8	

SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY

SIRA ROAD, TUMKUR- 572 106.

DEPARTMENT OF COMPUTER SCIENCE/ INFORMATION SCIENCE

SUBJECT	SYSTEM SOFTWARE AND COMPILERS	SUBJECT CODE	18CS61

COURSE OUTCOME

CO1: Explain system software

CO2: Design and develop lexical analyzers, parsers and code generators

CO3: Utilize lex and yacc tools for implementing different concepts of system software

PSO1: To Create, select, and apply appropriate techniques, resources, modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

PSO2: To manage complex IT projects with consideration of the human, financial, ethical and environmental factors and an understanding of risk management processes, and operational and policy implications.

PSO3: Acquaint module knowledge on emerging trends of the modern era in computer science and engineering.

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.

PO2 Problem analysis: Identify, formulate, research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3 Design / development of solutions:An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.

PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.

PO5 Modern tool usage:Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities.

PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.

PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need forsustainable development.

PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.

PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.

PO12 Life-long learning: A recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Dr.CHARAN K V				
BRANCH	CSE / ISE	ACADEMIC YEAR	2020-21		
COURSE	B.E	SEMESTER	VI	SECTION	
SUBJECT	SYSTEM SOFTWARE AND COMPILERS	SUBJECT CODE	18CS61		

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3	3	1	2			2	1	1	1	2
CO2	3	2	3	1	2			2	1	1	1	2
CO3	3	2	1	1	2			2	1	1	1	2
AVERAGE	3	2.5	2	1	2			2	1	1	1	2
											OVERALL MAPPING OF SUBJECT	1.80

CO AND PO ATTAINMENT

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	83.80681	2.51	2.51	2.51	0.838	1.67			1.67	0.83	0.83	0.83	1.67
CO2	76.98864	2.30	1.53	2.30	0.77	1.53			1.53	0.76	0.76	0.76	1.53
CO3	81.46552	2.44	1.62	0.81	0.815	1.62			1.62	0.81	0.81	0.81	1.62
AVERAGE	82.63617	2.47	2.47	1.65	0.826	1.65			1.65	0.82	0.82	0.82	1.65
												FINAL ATTAINMENT LEVEL	2.0

Academic year	2020-21			SEM	6th (CS)		Total strength			44	Subject				System Software and compilers						18CS61									
SEM:3rd ,SEC: A	IA TEST 1(30M)			IA TEST 2(30M)			IA TEST 3(30M)			ASSIGNEMENT / QUIZ(10 M)				SEE MARKS(60)						% of individual CO					Total CO's Attainment					SEE Tot
USN	CO1	CO1	TOTAL	CO2	CO2	TOTAL	CO3	CO3	TOTAL	CO1	CO1	CO2	CO2	CO3	CO1=12	CO1	CO2	CO2	CO3	CO1=44	CO1=29	CO2=29	CO2=29	CO3=29	CO1	CO1	CO2	CO2	CO3	60M
1SV18CS001	13.5	13.5	27	14.5	14.5	29	13.5	13.5	27	2	2	2	2	2	8	8	8	8	8	84.09091	84.48276	84.48276	81.03448	81.03448	57	24.5	24.5	23.5	23.5	40
1SV18CS002	15	15	30	15	15	30	15	15	30	2	2	2	2	2	6.2	6.2	6.2	6.2	6.2	86.81818	80	80	80	80	38.2	23.2	23.2	23.2	23.2	31
1SV18CS003	10	10	20	13.5	13.5	27	10	10	20	2	2	2	2	2	7.4	7.4	7.4	7.4	7.4	66.81818	78.96552	78.96552	68.89655	68.89655	29.4	22.9	22.9	19.4	19.4	37
1SV18CS004	11	11	22	14.5	14.5	29	11	11	22	2	2	2	2	2	5.2	5.2	5.2	5.2	5.2	66.36364	74.82759	74.82759	62.75862	62.75862	29.2	21.7	21.7	18.2	18.2	26
1SV18CS005	14	14	28	14.5	14.5	29	14	14	28	2	2	2	2	2	8.2	8.2	8.2	8.2	8.2	86.81818	85.17241	85.17241	83.44828	83.44828	38.2	24.7	24.7	24.2	24.2	41
1SV18CS006	12	12	24	15	15	30	12	12	24	2	2	2	2	2	7.2	7.2	7.2	7.2	7.2	75.45455	83.44828	83.44828	73.10345	73.10345	33.2	24.2	24.2	21.2	21.2	36
1SV18CS007	14.5	14.5	29	15	15	30	14.5	14.5	29	2	2	2	2	2	7.8	7.8	7.8	7.8	7.8	88.18182	85.51724	85.51724	83.7931	83.7931	38.8	24.8	24.8	24.3	24.3	39
1SV18CS008	10	10	20	14.5	14.5	29	10	10	20	2	2	2	2	2	7.8	7.8	7.8	7.8	7.8	67.72727	83.7931	83.7931	68.27586	68.27586	29.8	24.3	24.3	19.8	19.8	39
1SV18CS009	13	13	26	15	15	30	13	13	26	2	2	2	2	2	6.4	6.4	6.4	6.4	6.4	78.18182	80.68966	80.68966	73.7931	73.7931	34.4	23.4	23.4	21.4	21.4	32
1SV18CS010	14.5	14.5	29	15	15	30	14.5	14.5	29	2	2	2	2	2	8.4	8.4	8.4	8.4	8.4	89.54545	87.58621	87.58621	85.86207	85.86207	39.4	25.4	25.4	24.9	24.9	42
1SV18CS011	11.5	11.5	23	15	15	30	11.5	11.5	23	2	2	2	2	2	7	7	7	7	7	72.72727	82.75862	82.75862	70.68966	70.68966	32	24	24	20.5	20.5	35
1SV18CS012	14	14	28	15	15	30	14	14	28	2	2	2	2	2	4.6	4.6	4.6	4.6	4.6	78.63636	74.48276	74.48276	71.03448	71.03448	34.6	21.6	21.6	20.6	20.6	23
1SV18CS013	13.5	13.5	27	15	15	30	13.5	13.5	27	2	2	2	2	2	7	7	7	7	7	81.81818	82.75862	82.75862	77.58621	77.58621	36	24	24	22.5	22.5	35
1SV18CS014	10.5	10.5	21	10	10	20	10.5	10.5	21	2	2	2	2	2	8	8	8	8	8	70.45455	68.96552	68.96552	70.68966	70.68966	31	20	20	20.5	20.5	40
1SV18CS015	13.5	13.5	27	14.5	14.5	29	13.5	13.5	27	2	2	2	2	2	9	9	9	9	9	86.36364	87.93103	87.93103	84.48276	84.48276	38	25.5	25.5	24.5	24.5	45
1SV18CS016	10	10	20	15	15	30	10	10	20	2	2	2	2	2	7.6	7.6	7.6	7.6	7.6	67.27273	84.82759	84.82759	67.58621	67.58621	29.6	24.6	24.6	19.6	19.6	38
1SV18CS017	10	10	20	15	15	30	10	10	20	2	2	2	2	2	8.8	8.8	8.8	8.8	8.8	70	88.96552	88.96552	71.72414	71.72414	30.8	25.8	25.8	20.8	20.8	44
1SV18CS018	15	15	30	13.5	13.5	27	15	15	30	2	2	2	2	2	4.8	4.8	4.8	4.8	4.8	83.63636	70	70	70.17241	75.17241	36.8	20.3	20.3	21.8	21.8	24
1SV18CS019	13.5	13.5	27	15	15	30	13.5	13.5	27	2	2	2	2	2	8.4	8.4	8.4	8.4	8.4	85	87.58621	87.58621	82.41379	82.41379	37.4	25.4	25.4	23.9	23.9	42
1SV18CS020	14	14	28	15	15	30	14	14	28	2	2	2	2	2	5.4	5.4	5.4	5.4	5.4	80.45455	77.24138	77.24138	73.7931	73.7931	35.4	22.4	22.4	21.4	21.4	27
1SV18CS021	15	15	30	13	13	26	15	15	30	2	2	2	2	2	7.4	7.4	7.4	7.4	7.4	89.54545	77.24138	77.24138	84.13793	84.13793	39.4	22.4	22.4	24.4	24.4	37
1SV18CS022	15	15	30	15	15	30	15	15	30	2	2	2	2	2	3	3	3	3	3	79.54545	68.96552	68.96552	68.96552	68.96552	35	20	20	20	20	15
1SV18CS023	11.5	11.5	23	13.5	13.5	27	11.5	11.5	23	2	2	2	2	2	6.6	6.6	6.6	6.6	6.6	71.81818	76.2069	76.2069	69.31034	69.31034	31.6	22.1	22.1	20.1	20.1	33
1SV18CS024	13.5	13.5	27	14.5	14.5	29	13.5	13.5	27	2	2	2	2	2	9.4	9.4	9.4	9.4	9.4	87.27273	89.31034	89.31034	85.86207	85.86207	38.4	25.9	25.9	24.9	24.9	47
1SV18CS025	12	12	24	13	13	26	12	12	24	2	2	2	2	2	8.4	8.4	8.4	8.4	8.4	78.18182	80.68966	80.68966	77.24138	77.24138	34.4	23.4	23.4	22.4	22.4	42
1SV18CS026	13.5	13.5	27	15	15	30	13.5	13.5	27	2	2	2	2	2	6.4	6.4	6.4	6.4	6.4	80.45455	80.68966	80.68966	75.51724	75.51724	35.4	23.4	23.4	21.9	21.9	32
1SV18CS027	15	15	30	15	15	30	15	15	30	2	2	2	2	2	8	8	8	8	8	90.90909	86.2069	86.2069	86.2069	86.2069	40	25	25	25	25	40
1SV18CS028	15	15	30	15	15	30	15	15	30	2	2	2	2	2	5.6	5.6	5.6	5.6	5.6	85.45455	77.93103	77.93103	77.93103	77.93103	37.6	22.6	22.6	22.6	22.6	28
1SV18CS029	15	15	30	15	15	30	15	15	30	2	2	2	2	2	7	7	7	7	7	88.63636	82.75862	82.75862	82.75862	82.75862	39	24	24	24	24	38
1SV18CS030	15	15	30	13.5	13.5	27	15	15	30	2	2	2	2	2	5.2	5.2	5.2	5.2	5.2	84.54545	71.37931	71.37931	76.55172	76.55172	37.2	20.7	20.7	22.2	22.2	26
1SV18CS031	15	15	30	15	15	30	15	15	30	2	2	2	2	2	8.2	8.2	8.2	8.2	8.2	91.36364	86.89655	86.89655	86.89655	86.89655	40.2	25.2	25.2	25.2	25.2	41
1SV18CS032	14.5	14.5	29	15	15	30	14.5	14.5	29	2	2	2	2	2	7.2	7.2	7.2	7.2	7.2	86.81818	83.44828	83.44828	81.72414	81.72414	38.2	24.2	24.2	23.7	23.7	36
1SV18CS033	10	10	20	10	10	20	10	10	20	2	2	2	2	2	7.8	7.8	7.8	7.8	7.8	67.72727	68.27586	68.27586	68.27586	68.27586	29.8	19.8	19.8	19.8	19.8	39
1SV18CS034	13.5	13.5	27	13	13	26	13.5	13.5	27	2	2	2	2	2	7.8	7.8	7.8	7.8	7.8	83.63636	78.62069	78.62069	80.34483	80.34483	36.8	22.8	22.8	23.3	23.3	39
1SV18CS035	13.5	13.5	27	14.5	14.5	29	13.5	13.5	27	2	2	2	2	2	6.4	6.4	6.4	6.4	6.4	80.45455	78.96552	78.96552	75.51724	75.51724	35.4	22.9	22.9	21.9	21.9	32
1SV18CS036	14	14	28	10	10	20	14	14	28	2	2	2	2	2	8.4	8.4	8.4	8.4	8.4	87.27273	70.34483	70.34483	84.13793	84.13793	38.4	20.4	20.4	24.4	24.4	42
1SV18CS037	14.5	14.5	29	15	15	30	14.5	14.5	29	2	2	2	2	2	7	7	7	7	7	86.36364	82.75862	82.75862	81.03448	81.03448	38	24	24	23.5	23.5	35
1SV18CS038	13.5	13.5	27	15	15	30	13.5	13.5	27	2	2	2	2	2	4.6	4.6	4.6	4.6	4.6	76.36364	74.48276	74.48276	69.31034	69.31034	33.6	21.6	21.6	20.1	20.1	23
1SV18CS039	14	14	28	14.5	14.5	29	14	14	28	2	2	2	2	2	7	7	7	7	7	84.09091	81.03448	81.03448	79.31034	79.31034	37	23.5	23.5	23	23	35
1SV18CS040	15	15	30	15	15	30	15	15	30	2	2	2	2	2	8	8	8	8	8	90.90909	86.2069	86.2069	86.2069	86.2069	40	25	25	25	25	40
1SV18CS041	14	14	28	15	15	30	14	14	28	2	2	2	2	2	9	9	9	9	9	88.63636	89.65517	89.65517	86.2069	86.2069	39	26	26	25	25	45

Faculty

HOD

Principal

SHRIDEVI	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY SIRA ROAD, TUMKUR- 572 106.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SUBJECT	COMPUTER GRAPHICS AND VISUALIZATION	SUBJECT CODE	18CS62

COURSE OUTCOME

CO1.Design and implement algorithms for 2D graphics primitives and attributes.

CO2.Illustrate Geometric transformations on both 2D and 3D objects.

CO3.Apply concepts of clipping and visible surface detection in 2D and 3D viewing, and Illumination Models.

CO4.Decide suitable hardware and software for developing graphics packages using OpenGL.

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.

PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.

PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.

PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling to complex engineering activities.

PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.

PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.

PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.

PO12 Life-long learning: recognition of the need for, and an ability to engage in, to resolve Contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY					
FACULTY NAME			Mr. RENUKARADHYA P.C			
BRANCH	CSE		ACADEMIC YEAR			2020-21
COURSE	B.E	SEMESTER			VI	
SUBJECT	COMPUTER GRAPHICS AND VISUALIZATION		SUBJECT CODE			18CS62

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3	2			1	1		1	1		2	2		2
CO2	2		2								2	2		1	
CO3	2	2			1	2	2			2		2	2		
CO4			2		1				2				1		1
CO5	3	3				1	1			1				1	
AVERAGE	2.5	2.66	2		1	1.33	1.33		1.5	1.33	2	2	1.66	1	1.5
OVERALL MAPPING OF SUBJECT													1.67		

CO AND PO ATTAINMENT

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	35	1.05	1.05	0.7			0.35	0.35		0.335	0.35		0.7	0.7		0.7
CO2	27	0.54		0.54								0.54	1.09		0.27	
CO3	27	0.54	0.54			0.27	0.54	0.54			0.54		0.54	0.54		
CO4	63			1.26		0.63				1.26				0.63		0.63
CO5	62	1.86	1.86				0.62	0.62			0.62				0.62	
AVERAGE	42.8	0.99	1.15	0.83		0.45	0.5	0.5		0.8	0.5	0.54	0.77	0.62	0.44	0.66
FINAL ATTAINMENT LEVEL														0.67		

STAFF INCHARGE

HOD.
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-05.

PRINCIPAL
SIET, TUMAKURU

20-21 even
CJ

		18CS62	CGV 20-2021 EV			SEM :VI SEM			RPC: Mrs. RENUKARADHYA P C																			
						T1	T2	T3		T3	ASSIGNMENT 5/5					SEE MARKS(60					Final						SEE T
Roll No.	USN	Name	T1	T2	T3	CO1-15	CO2-15	CO3-15	CO4-15	CO5-15	CO1 =1	CO2 =1	CO3 =1	CO4 =1	CO5 =1	O1=1	CO2	CO3	CO4	CO5	O1=2	O2=2	O3=2	O4=2	O5=2	60M
1	1SV17CS011	Chaithra M S	2	2	19	2	1	1	10	9	2	1	1	1	1	4.8	4.8	4.8	4.8	4.8	9	7	6.8	15.8	14.8	24
2	1SV17CS015	Gaganashree T U	2	2	20	2	1	1	10	10	2	1	1	1	1	5	5	5	5	5	9	7	7	16	16	25
3	1SV17CS018	Junaid Ulla K han	2	2	22	2	1	1	11	11	2	1	1	1	1	5.6	5.6	5.6	5.6	5.6	10	8	7.6	17.6	17.6	28
4	1SV17CS024	Manasa V	2	2	23	2	1	1	13	11	2	1	1	1	1	2	2	2	2	2	6	4	4	16	14	10
5	1SV17CS027	Navya S	2	2	14	2	1	1	7	7	2	1	1	1	1	4.4	4.4	4.4	4.4	4.4	8	6	6.4	12.4	12.4	22
6	1SV17CS034	Raghu ram G K	2	2	10	2	1	1	5	5	2	1	1	1	1	3.8	3.8	3.8	3.8	3.8	8	6	5.8	9.8	9.8	19
7	1SV18CS001	Abdullah	0	0	16	0	0	0	8	8	2	1	1	1	1	5.2	5.2	5.2	5.2	5.2	7	6	6.2	14.2	14.2	26
8	1SV18CS003	Amulya J M	2	2	22	2	1	1	11	11	2	1	1	1	1	6.4	6.4	6.4	6.4	6.4	10	8	8.4	18.4	18.4	32
9	1SV18CS004	Ayush Ranjan Tiwari	2	2	11	2	1	1	6	5	2	1	1	1	1	4.6	4.6	4.6	4.6	4.6	9	7	6.6	11.6	10.6	23
10	1SV18CS005	Basavaraju	2	2	24	2	1	1	12	12	2	1	1	1	1	5.8	5.8	5.8	5.8	5.8	10	8	7.8	18.8	18.8	29
11	1SV18CS007	Bhavya HP	2	2	25	2	1	1	13	12	2	1	1	1	1	5.6	5.6	5.6	5.6	5.6	10	8	7.6	19.6	18.6	28
12	1SV18CS008	Chandrashekar T	2	2	22	2	1	1	11	11	2	1	1	1	1	5.2	5.2	5.2	5.2	5.2	9	7	7.2	17.2	17.2	26
13	1SV18CS011	Dharmana Harika	2	2	22	2	1	1	11	11	2	1	1	1	1	5.8	5.8	5.8	5.8	5.8	10	8	7.8	17.8	17.8	29
14	1SV18CS014	Enchara M	2	2	21	2	1	1	11	10	2	1	1	1	1	6	6	6	6	6	10	8	8	18	17	30
15	1SV18CS015	Gagana	2	2	20	2	1	1	10	10	2	1	1	1	1	5	5	5	5	5	9	7	7	16	16	25
16	1SV18CS017	Ganyakumar G R	2	2	28	2	1	1	14	14	2	1	1	1	1	7	7	7	7	7	11	9	9	22	22	35
17	1SV18CS019	Hada Amal Khan	2	2	26	2	1	1	13	13	2	1	1	1	1	5.6	5.6	5.6	5.6	5.6	10	8	7.6	19.6	19.6	28
18	1SV18CS021	Keerthiprasad	2	2	26	2	1	1	13	13	2	1	1	1	1	7.2	7.2	7.2	7.2	7.2	11	9	9.2	21.2	21.2	36
19	1SV18CS022	Kushal Kumar	2	2	17	2	1	1	9	8	2	1	1	1	1	5.2	5.2	5.2	5.2	5.2	9	7	7.2	15.2	14.2	26
20	1SV18CS023	Lavanya T A	2	2	25	2	1	1	13	12	2	1	1	1	1	5.2	5.2	5.2	5.2	5.2	9	7	7.2	19.2	18.2	26
21	1SV18CS024	Lisha Shree Nayaka	2	2	25	2	1	1	13	12	2	1	1	1	1	6.8	6.8	6.8	6.8	6.8	11	9	8.8	20.8	19.8	34
22	1SV18CS025	Manoranjan P M	2	2	20	2	1	1	10	10	2	1	1	1	1	5.6	5.6	5.6	5.6	5.6	10	8	7.6	16.6	16.6	28
23	1SV18CS026	Murfa fathima	2	2	26	2	1	1	13	13	2	1	1	1	1	6.6	6.6	6.6	6.6	6.6	11	9	8.6	20.6	20.6	33
24	1SV18CS028	Meghana G S	2	2	20	2	1	1	10	10	2	1	1	1	1	4.8	4.8	4.8	4.8	4.8	9	7	6.8	15.8	15.8	24
25	1SV18CS029	Nanda T M	2	2	24	2	1	1	12	12	2	1	1	1	1	6.4	6.4	6.4	6.4	6.4	10	8	8.4	19.4	19.4	32
26	1SV18CS030	Pavan Kumar Durgad	2	2	10	2	1	1	5	5	2	1	1	1	1	4	4	4	4	4	8	6	6	10	10	20
27	1SV18CS031	Pragna H S	2	2	17	2	1	1	9	8	2	1	1	1	1	5.4	5.4	5.4	5.4	5.4	9	7	7.4	15.4	14.4	27
28	1SV18CS032	Prajwal	2	2	22	2	1	1	11	11	2	1	1	1	1	6.6	6.6	6.6	6.6	6.6	11	9	8.6	18.6	18.6	33
29	1SV18CS033	Priyadarshini	2	2	23	2	1	1	12	11	2	1	1	1	1	6.4	6.4	6.4	6.4	6.4	10	8	8.4	19.4	18.4	32
30	1SV18CS038	Shradda S	2	2	26	2	1	1	13	13	2	1	1	1	1	5.6	5.6	5.6	5.6	5.6	10	8	7.6	19.6	19.6	28
31	1SV18CS042	Sushma H S	2	2	20	2	1	1	10	10	2	1	1	1	1	5.6	5.6	5.6	5.6	5.6	10	8	7.6	16.6	16.6	28
32	1SV18CS043	Thungashree	2	2	26	2	1	1	13	13	2	1	1	1	1	6.8	6.8	6.8	6.8	6.8	11	9	8.8	20.8	20.8	34
33	1SV18CS045	Vijayalakshmi	2	2	17	2	1	1	9	8	2	1	1	1	1	4.2	4.2	4.2	4.2	4.2	8	6	6.2	14.2	13.2	21
34	1SV18CS046	Vivekanand Math	2	2	25	2	1	1	13	12	2	1	1	1	1	5.2	5.2	5.2	5.2	5.2	9	7	7.2	19.2	18.2	26
35	1SV19CS400	Shireesha Hegade	2	2	23	2	1	1	12	11	2	1	1	1	1	6	6	6	6	6	10	8	8	19	18	30
36	1SV19CS401	Veena L C	2	2	18	2	1	1	9	9	2	1	1	1	1	5.4	5.4	5.4	5.4	5.4	9	7	7.4	15.4	15.4	27
																				AVG	9	7	7	17	17	
																				PERC	34	27	27	61	60	

Signature of Staff

HOD
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SUBJECT	OBJECT ORIENTED MODELLING AND DESIGN	SUBJECT CODE	18CS642

COURSE OUTCOME

CO1. Describe the concepts involved in Object-Oriented modelling and their benefits.

CO2. Demonstrate concept of use-case model, sequence model and state chart model for a given problem.

CO3. Explain the facets of the unified process approach to design and build a Software system.

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.

PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.

PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.

PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling to complex engineering activities.

PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.

PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.

PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.

PO12 Life-long learning: recognition of the need for, and an ability to engage in, to resolve Contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr SUTHAN R				
BRANCH	CSE	ACADEMIC YEAR	2020-21		
COURSE	B.E	SEMESTER	VI	SECTION	
SUBJECT	OBJECT ORIENTED MODELING AND DESIGN	SUBJECT CODE	18CS63		

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSOs 1	2	3
CO1	1		2									2	2	1	2
CO2	1		2									2	2	1	2
CO3	1		2									2	2	1	2
AVERAGE	1		2									2	2	1	2
OVERALL MAPPING OF SUBJECT												1.66			

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	53.96	0.54	1.08										1.08	1.08	0.54	1.08
CO2	54.50	0.54	1.09										1.09	1.09	0.55	1.09
CO3	60.36	0.60	1.20										1.20	1.21	0.60	1.21
AVERAGE	56.27	0.56	1.12										1.12	1.13	0.56	1.13
FINAL ATTAINMENT LEVEL													0.94			

STAFF INCHARGE

HOD,
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-08.

PRINCIPAL
SIET., TUMAKURU.

	Academic year 2020- 21			SEM : VI		Total strength :36				Subject	OOMD				18CS63					
		IA TEST 1(2M)		IA TEST 2(2M)		A TEST 3(30M		ASSIGNEMENT / QUIZ(6/			SEE MARKS(60)			Total Cos ATTAINMENT			% of individual CO			SEE Total
ROLL NO	USN	CO1=2	TOTAL	CO2=2	TOTAL	CO3=30	TOTAL	CO1=2	CO2	CO3	CO1=20	CO2	CO3	CO1=24	CO2=24	CO3=52	CO1	CO2	CO3	60M
1	ISV17CS011	2	2	2	2	21	21	2	2	2	8	8	8	12	12	31	50	50	59.61538	24
2	ISV17CS015	2	2	2	2	24	24	2	2	2	8.33	8.33	8.33	12.33	12.33	34	51.375	51.375	66.01923	25
3	ISV17CS018	2	2	2	2	20	20	2	2	2	9.33	9.33	9.33	13.33	13.33	31	55.54167	55.54167	60.25	28
4	ISV17CS024	2	2	2	2	20	20	2	2	2	3.33	3.33	3.33	7.33	7.33	25	30.54167	30.54167	48.71154	10
5	ISV17CS027	2	2	2	2	14	14	2	2	2	7.33	7.33	7.33	11.33	11.33	23	47.20833	47.20833	44.86538	22
6	ISV17CS034	2	2	2	2	14	14	2	2	2	6.33	6.33	6.33	10.33	10.33	22	43.04167	43.04167	42.94231	19
7	ISV18CS001	2	2	2	2	12	12	2	2	2	8.66	8.66	8.66	12.66	12.66	23	52.75	52.75	43.57692	26
8	ISV18CS003	2	2	2	2	27	27	2	2	2	10.66	10.66	10.66	14.66	14.66	40	61.08333	61.08333	76.26923	32
9	ISV18CS004	2	2	2	2	15	15	2	2	2	7.66	7.66	7.66	11.66	11.66	25	48.58333	48.58333	47.42308	23
10	ISV18CS005	2	2	2	2	18	18	2	2	2	9.66	9.66	9.66	13.66	13.66	30	56.91667	56.91667	57.03846	29
11	ISV18CS007	2	2	2	2	17	17	2	2	2	9.33	9.33	9.33	13.33	13.33	28	55.54167	55.54167	54.48077	28
12	ISV18CS008	2	2	2	2	25	25	2	2	2	8.66	8.66	8.66	12.66	12.66	36	52.75	52.75	68.57692	26
13	ISV18CS011	2	2	2	2	23	23	2	2	2	9.66	9.66	9.66	13.66	13.66	35	56.91667	56.91667	66.65385	29
14	ISV18CS014	2	2	2	2	18	18	2	2	2	10	10	10	14	14	30	58.33333	58.33333	57.69231	30
15	ISV18CS015	2	2	2	2	13	13	2	2	2	7.33	7.33	7.33	6.7	11.33	22	27.91667	47.20833	42.94231	22
16	ISV18CS017	2	2	2	2	26	26	2	2	2	11.66	11.66	11.66	15.66	15.66	40	65.25	65.25	76.26923	35
17	ISV18CS019	2	2	2	2	20	20	2	2	2	9.33	9.33	9.33	13.33	13.33	31	55.54167	55.54167	60.25	28
18	ISV18CS021	2	2	2	2	29	29	2	2	2	12	12	12	16	16	43	66.66667	66.66667	82.69231	36
19	ISV18CS022	2	2	2	2	21	21	2	2	2	8.66	8.66	8.66	12.66	12.66	32	52.75	52.75	60.88462	26
20	ISV18CS023	2	2	2	2	23	23	2	2	2	8.66	8.66	8.66	12.66	12.66	34	52.75	52.75	64.73077	26
21	ISV18CS024	2	2	2	2	23	23	2	2	2	11.33	11.33	11.33	15.33	15.33	36	63.875	63.875	69.86538	34
22	ISV18CS025	2	2	2	2	22	22	2	2	2	9.33	9.33	9.33	13.33	13.33	33	55.54167	55.54167	64.09615	28
23	ISV18CS026	2	2	2	2	26	26	2	2	2	11	11	11	15	15	39	62.5	62.5	75	33
24	ISV18CS028	2	2	2	2	12	12	2	2	2	8	8	8	12	12	22	50	50	42.30769	24
25	ISV18CS029	2	2	2	2	25	25	2	2	2	10.66	10.66	10.66	14.66	14.66	38	61.08333	61.08333	72.42308	32
26	ISV18CS030	2	2	2	2	10	10	2	2	2	6.66	6.66	6.66	10.66	10.66	19	44.41667	44.41667	35.88462	20
27	ISV18CS031	2	2	2	2	14	14	2	2	2	9	9	9	13	13	25	54.16667	54.16667	48.07692	27
28	ISV18CS032	2	2	2	2	21	21	2	2	2	11	11	11	15	15	34	62.5	62.5	65.38462	33
29	ISV18CS033	2	2	2	2	26	26	2	2	2	10.66	10.66	10.66	14.66	14.66	39	61.08333	61.08333	74.34615	32
30	ISV18CS038	2	2	2	2	25	25	2	2	2	9.33	9.33	9.33	13.33	13.33	36	55.54167	55.54167	69.86538	28
31	ISV18CS042	2	2	2	2	20	20	2	2	2	9.33	9.33	9.33	13.33	13.33	31	55.54167	55.54167	60.25	28
32	ISV18CS043	2	2	2	2	26	26	2	2	2	11.33	11.33	11.33	15.33	15.33	39	63.875	63.875	75.63462	34
33	ISV18CS045	2	2	2	2	13	13	2	2	2	7	7	7	11	11	22	45.83333	45.83333	42.30769	21
34	ISV18CS046	2	2	2	2	25	25	2	2	2	8.66	8.66	8.66	12.66	12.66	36	52.75	52.75	68.57692	26
35	ISV19CS400	2	2	2	2	20	20	2	2	2	10	10	10	14	14	32	58.33333	58.33333	61.53846	30
36	ISV19CS401	2	2	2	2	23	23	2	2	2	9	9	9	13	13	34	54.16667	54.16667	65.38462	27
																	53.96296	**54.49884**	**60.3563**	**27.25**
																				45.41667

SUTHANA

HOD,
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SUBJECT	WEB TECHNOLOGY AND ITS APPLICATION	SUBJECT CODE	18CS63

COURSE OUTCOME

CO1. Adapt HTML and CSS syntax and semantics to build web pages.
CO2. Construct and visually format tables and forms using HTML and CSS
CO3. Construct and visually format tables and forms using HTML and CSS
CO4. Appraise the principles of object oriented development using PHP
CO5. Inspect JavaScript frameworks like jQuery and Backbone which facilitates developer to focus on core features

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.
PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.
PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.
PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling to complex engineering activities.
PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.
PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.
PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.
PO12 Life-long learning: A recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY			
FACULTY NAME	Mr SUTHAN R			
BRANCH	CSE	ACADEMIC YEAR	2020-21	
COURSE	B.E	SEMESTER	VI	
SUBJECT	WEB TECHNOLOGY AND ITS APPLICATION	SUBJECT CODE	18CS61	

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1		2									2	2	1	2
CO2	1		2									2	2	1	2
CO3	1		2									2	2	1	2
CO4	1		2									2	2	1	2
CO5	1		2									2	2	1	2
AVERAGE	1		2									2	2	1	2
OVERALL MAPPING OF SUBJECT												1.67			

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	56.74	0.58		2.83									2.83	1.13	0.58	1.13
CO2	53.83	0.54		1.08									1.08	1.07	0.54	1.07
CO3	53.83	0.54		1.08									1.08	1.07	0.54	1.07
CO4	61.85	0.62		0.14									0.14	1.24	0.62	1.24
CO5	59.09	0.60		1.18									1.18	1.18	0.59	1.18
AVERAGE	57.068	0.58		1.26									1.26	1.14	0.57	1.14
FINAL ATTAINMENT LEVEL													0.99			

STAFF INCHARGE

HOD
COMPUTER SCIENCE & ENGG.
SIET, TUMAKURU-572

PRINCIPAL
SIET, TUMAKURU

Academic year 2020-21 | SEM VI | Total strength :36 | Subject :WTA | CS64

ROLL NO	USN	IA TEST 1(2M) CO1	IA TEST 1(2M) TOTAL	IA TEST 2(2M) CO2	IA TEST 2(2M) CO3	IA TEST 2(2M) TOTAL	IA TEST 3(30M) CO4=15	IA TEST 3(30M) CO5=15	IA TEST 3(30M) TOTAL	ASSIGNEMENT / QUIZ(6/5M) CO1=1.2	CO2	CO3	CO4	CO5
1	1SV17CS011	2	2	1	1	2	7	7	14	2	1	1	1	1
2	1SV17CS013	2	2	1	1	2	8	9	17	1	2	1	1	1
3	1SV17CS018	2	2	1	1	2	15	12	27	1	1	2	1	1
4	1SV17CS024	2	2	1	1	2	11	15	26	1	1	1	2	1
5	1SV17CS027	2	2	1	1	2	11	11	22	1	1	1	1	2
6	1SV17CS034	2	2	1	1	2	7	7	14	2	1	1	1	1
7	1SV18CS001	2	2	1	1	2	9	8	17	1	2	1	1	1
8	1SV18CS003	2	2	1	1	2	14	13	27	1	1	2	1	1
9	1SV18CS004	2	2	1	1	2	11	11	22	1	1	1	2	1
10	1SV18CS005	2	2	1	1	2	13	10	23	1	1	1	1	2
11	1SV18CS007	2	2	1	1	2	14	14	28	2	1	1	1	1
12	1SV18CS008	2	2	1	1	2	12	12	24	1	2	1	1	1
13	1SV18CS011	2	2	1	1	2	10	13	23	1	1	2	1	1
14	1SV18CS014	2	2	1	1	2	15	14	29	1	1	1	2	1
15	1SV18CS015	2	2	1	1	2	9	8	17	1	1	1	1	2
16	1SV18CS017	2	2	1	1	2	15	10	25	2	1	1	1	1
17	1SV18CS019	2	2	1	1	2	12	12	24	1	2	1	1	1
18	1SV18CS021	2	2	1	1	2	15	14	29	1	1	2	1	1
19	1SV18CS022	2	2	1	1	2	15	13	28	1	1	1	2	1
20	1SV18CS023	2	2	1	1	2	13	10	23	1	1	1	1	2
21	1SV18CS024	2	2	1	1	2	10	13	23	2	1	1	1	1
22	1SV18CS025	2	2	1	1	2	9	9	18	1	2	1	1	1
23	1SV18CS026	2	2	1	1	2	8	8	16	1	1	2	1	1
24	1SV18CS028	2	2	1	1	2	7	7	14	1	1	1	2	1
25	1SV18CS029	2	2	1	1	2	15	10	25	1	1	1	1	2
26	1SV18CS030	2	2	1	1	2	7	8	15	2	1	1	1	1
27	1SV18CS031	2	2	1	1	2	10	10	20	1	2	1	1	1
28	1SV18CS032	2	2	1	1	2	9	8	17	1	1	2	1	1
29	1SV18CS033	2	2	1	1	2	15	10	25	1	1	1	2	1
30	1SV18CS038	2	2	1	1	2	14	13	27	1	1	1	1	2
31	1SV18CS042	2	2	1	1	2	10	9	19	2	1	1	1	1
32	1SV18CS043	2	2	1	1	2	15	11	26	1	2	1	1	1
33	1SV18CS045	2	2	1	1	2	8	8	16	1	1	2	1	1
34	1SV18CS046	2	2	1	1	2	13	14	27	1	1	1	2	1
35	1SV19CS400	2	2	1	1	2	15	11	26	1	1	1	1	2
36	1SV19CS401	2	2	1	1	2	9	10	19	1	1	1	2	1

ROLL NO	SEE MARKS(60) CO1=12	CO2	CO3	CO4	CO5	Total Cos ATTAINMENT CO1=15.2	CO2=14.2	CO3=14.2	CO4=29.2	CO5=29.2	% of individual CO					SEE Total
1	4.8	4.8	4.8	4.8	4.8	8.8	6.8	6.8	12.8	12.8	CO1	CO2	CO3	CO4	CO5	60M
2	5	5	5	5	5	8	8	7	14	15	57.89474	47.88732	47.88732	43.83562	43.83562	24
3	5.6	5.6	5.6	5.6	5.6	8.6	7.6	8.6	21.6	18.6	52.63158	56.33803	49.29577	47.94521	51.36986	25
4	2	2	2	2	2	5	4	4	15	18	56.57895	53.52113	60.56338	73.9726	65.69863	28
5	4.4	4.4	4.4	4.4	4.4	7.4	6.4	6.4	16.4	17.4	32.89474	28.16901	28.16901	51.36986	61.64384	10
6	3.8	3.8	3.8	3.8	3.8	7.8	5.8	5.8	11.8	11.8	48.68421	45.07042	45.07042	56.16438	59.58904	22
7	5.2	5.2	5.2	5.2	5.2	8.2	8.2	7.2	15.2	14.2	51.31579	40.84507	40.84507	40.41096	40.41096	19
8	6.4	6.4	6.4	6.4	6.4	9.4	8.4	9.4	21.4	20.4	53.94737	57.74648	50.70423	52.05479	48.63014	26
9	4.6	4.6	4.6	4.6	4.6	7.6	6.6	6.6	17.6	16.6	61.84211	59.15493	66.19718	73.28767	69.86301	32
10	5.8	5.8	5.8	5.8	5.8	8.8	7.8	7.8	19.8	17.8	50	46.47887	46.47887	60.27397	56.84932	23
11	5.6	5.6	5.6	5.6	5.6	9.6	7.6	7.6	20.6	20.6	57.89474	54.92958	54.92958	67.80822	60.9589	29
12	5.2	5.2	5.2	5.2	5.2	8.2	8.2	7.2	18.2	18.2	63.15789	53.52113	53.52113	70.54795	70.54795	28
13	5.8	5.8	5.8	5.8	5.8	8.8	7.8	8.8	16.8	19.8	53.94737	57.74648	50.70423	62.32877	62.32877	26
14	6	6	6	6	6	9	8	8	23	21	57.89474	54.92958	61.97183	57.53425	67.80822	29
15	4.4	4.4	4.4	4.4	4.4	6.7	6.4	6.4	14.4	14.4	59.21053	56.33803	56.33803	78.76712	71.91781	30
16	7	7	7	7	7	11	9	9	23	18	44.07895	45.07042	45.07042	49.31507	49.31507	22
17	5.6	5.6	5.6	5.6	5.6	8.6	8.6	7.6	18.6	18.6	72.36842	63.38028	63.38028	78.76712	61.64384	35
18	7.2	7.2	7.2	7.2	7.2	10.2	9.2	10.2	23.2	22.2	56.57895	60.56338	53.52113	63.69863	63.69863	28
19	5.2	5.2	5.2	5.2	5.2	8.2	7.2	7.2	22.2	19.2	67.10526	64.78873	71.83099	79.45205	76.0274	36
20	5.2	5.2	5.2	5.2	5.2	8.2	7.2	7.2	19.2	17.2	53.94737	50.70423	50.70423	76.0274	65.75342	26
21	6.8	6.8	6.8	6.8	6.8	10.8	8.8	8.8	17.8	20.8	53.94737	50.70423	50.70423	65.75342	58.90411	26
22	5.6	5.6	5.6	5.6	5.6	8.6	8.6	7.6	15.6	15.6	71.05263	61.97183	61.97183	60.9589	71.23288	34
23	6.6	6.6	6.6	6.6	6.6	9.6	8.6	9.6	15.6	15.6	56.57895	60.56338	53.52113	53.42466	53.42466	28
24	4.8	4.8	4.8	4.8	4.8	7.8	6.8	6.8	13.8	12.8	63.15789	60.56338	67.60563	53.42466	53.42466	33
25	6.4	6.4	6.4	6.4	6.4	9.4	8.4	8.4	22.4	18.4	51.31579	47.88732	47.88732	47.26027	43.83562	24
26	4	4	4	4	4	8	6	6	12	13	61.84211	59.15493	59.15493	76.71233	63.0137	32
27	5.4	5.4	5.4	5.4	5.4	8.4	8.4	7.4	16.4	16.4	52.63158	42.25352	42.25352	41.09589	44.52055	30
28	6.6	6.6	6.6	6.6	6.6	9.6	8.6	9.6	16.6	15.6	55.26316	59.15493	52.11268	56.16438	56.16438	27
29	6.4	6.4	6.4	6.4	6.4	9.4	8.4	8.4	23.4	17.4	63.15789	60.56338	67.60563	56.84932	53.42466	33
30	5.6	5.6	5.6	5.6	5.6	8.6	7.6	7.6	20.6	20.6	61.84211	59.15493	59.15493	80.13699	59.58904	32
31	5.6	5.6	5.6	5.6	5.6	9.6	7.6	7.6	16.6	15.6	56.57895	53.52113	53.52113	70.54795	70.54795	28
32	6.8	6.8	6.8	6.8	6.8	9.8	9.8	8.8	22.8	18.8	63.15789	53.52113	53.52113	56.84932	53.42466	28
33	4.2	4.2	4.2	4.2	4.2	7.2	6.2	7.2	13.2	13.2	64.47368	69.01408	61.97183	78.08219	64.38356	34
34	5.2	5.2	5.2	5.2	5.2	8.2	7.2	7.2	20.2	20.2	47.36842	43.66197	50.70423	45.20548	45.20548	21
35	6	6	6	6	6	9	8	8	22	19	53.94737	50.70423	50.70423	69.17808	69.17808	26
36	5.4	5.4	5.4	5.4	5.4	8.4	7.4	7.4	16.4	16.4	59.21053	56.33803	56.33803	75.34247	65.06849	30
											55.26316	52.11268	52.11268	56.16438	56.16438	27
											56.74342	53.83412	53.83412	61.85312	59.09437	27.25
																45.41667

SUTHAN R

HOD.
COMPUTER SCIENCE & ENGG.,
SIET. TUMAKURU-06.

SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY

SIRA ROAD, TUMKUR- 572 106.

DEPARTMENT OF EEE

SUBJECT	RENEWABLE ENERGY RESOURCES	SUBJECT CODE	18EE653

COURSE OUTCOME

CO1. Discuss causes of energy scarcity and its solution, energy resources and availability of renewable energy.

CO2. Outline energy from sun, energy reaching the Earth's surface and solar thermal energy applications.

C03. Discuss types of solar collectors, their configurations, solar cell system, its characteristics and their applications.

CO4. Explain generation of energy from hydrogen, wind, geothermal system, solid waste and agriculture refuse

CO5. Discuss production of energy from biomass, biogas.

CO6. Summarize tidal energy resources, sea wave energy and ocean thermal energy.

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.

PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.

PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.

PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling to complex engineering activities.

PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.

PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.

PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.

PO12 Life-long learning: A recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY											
FACULTY NAME	MRS. SHWETHA T M											
BRANCH	EEE			ACADEMIC YEAR			2020-21					
COURSE	B.E	SEMESTER	VI	SECTION								
SUBJECT	RENEWABLE ENERGY RESOURSES			SUBJECT CODE	18EE653							

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	2	2	1	1	2		1	1	1	1
CO2	3	2	2	2	1	1	2		1	1	1	1
CO3	3	2	2	2	1	1	2		1	1	1	1
CO4	3	2	2	2	1	1	2		1	1	1	1
CO5	3	2	2	2	1	1	2		1	1	1	1
CO6	3	2	2	2	1	1	2		1	1	1	1
AVERAGE	3	2	2	2	1	1	2		1	1	1	1
OVERALL MAPPING OF SUBJECT												1.54

CO AND PO ATTAINMENT

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	59.2	1.77	1.18	1.18	1.18	0.59	0.59	1.18		0.59	0.59	0.59	0.59
CO2	59.2	1.77	1.18	1.18	1.18	0.59	0.59	1.18		0.59	0.59	0.59	0.59
CO3	59.2	1.77	1.18	1.18	1.18	0.59	0.59	1.18		0.59	0.59	0.59	0.59
CO4	59.2	1.77	1.18	1.18	1.18	0.59	0.59	1.18		0.59	0.59	0.59	0.59
CO5	62.7	1.88	1.25	1.25	1.25	0.62	0.62	1.25		0.62	0.62	0.62	0.62
CO6	19.6	0.58	0.39	0.39	0.39	0.19	0.19	0.39		0.19	0.19	0.19	0.19
AVERAGE	53.18	1.59	1.06	1.06	1.06	0.52	0.52	1.06		0.52	0.52	0.52	0.52
FINAL ATTAINMENT LEVEL													0.813

STAFF INCHARGE

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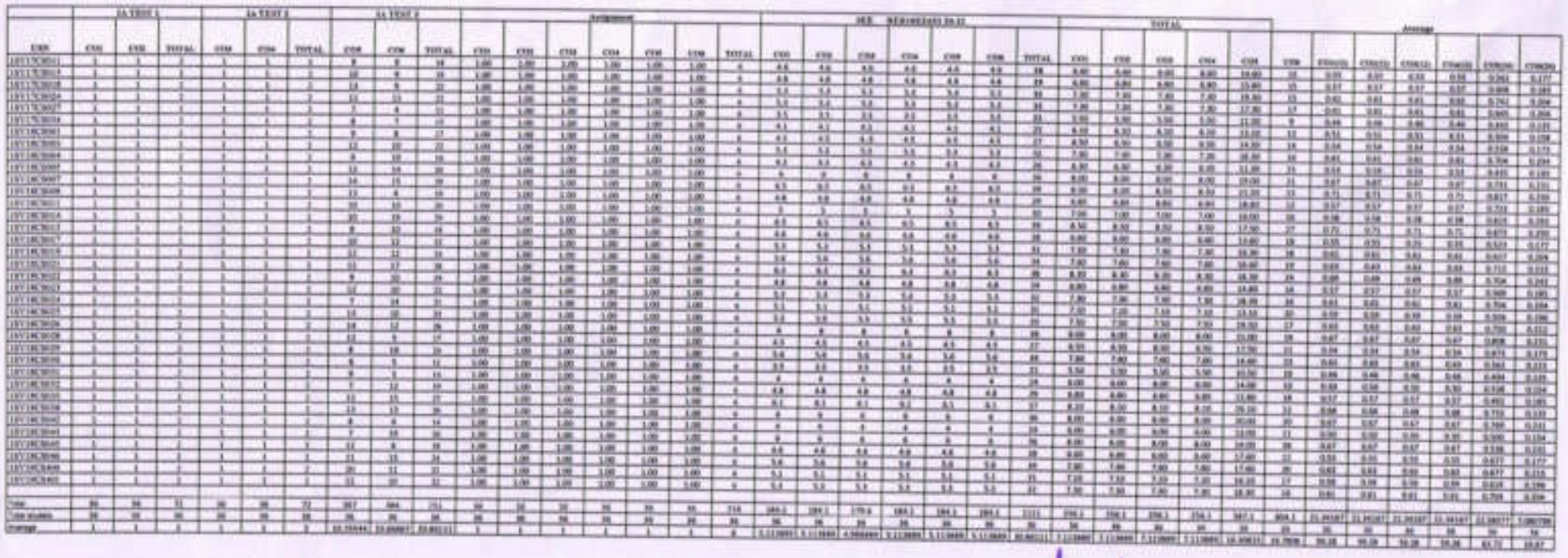
SIET, TUMAKURU



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SIET, TUMAKURU-06.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SUBJECT	BIG DATA ANALYTICS	SUBJECT CODE	17CS82

COURSE OUTCOME

CO1. Explain the concepts of HDFS and MapReduce framework

CO2. Investigate Hadoop related tools for Big Data Analytics and perform basic HadoopAdministration

CO3. Recognize the role of Business Intelligence, Data warehousing and Visualization in decision making

CO4. Infer the importance of core data mining techniques for data analytics

CO5. Compare and contrast different Text Mining Techniques

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.

PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.

PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.

PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling to complex engineering activities.

PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.

PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.

PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.

PO12 Life-long learning: recognition of the need for, and an ability to engage in, to resolve Contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY		
FACULTY NAME	Mr. RENUKARADHYA P.C		
BRANCH	CSE	ACADEMIC YEAR	2020-21
COURSE	B.E	SEMESTER	VIII
SUBJECT	BIG DATA ANALYTICS	SUBJECT CODE	17CS82

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3	2			1		1		1		2	2		2
CO2	2		2								2	2		1	
CO3	3	2			1	2		2				2	2		
CO4		3	2		1					2			1		1
CO5	3					1		1						1	
AVERAGE	2.75	2.66	2		1	1.33		1.33		1.5	2	2	1.66	1	1.5
OVERALL MAPPING OF SUBJECT													1.727		

CO AND PO ATTAINMENT

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	88.79	2.66	2.66	1.77			0.88		0.88		0.88		1.77	1.77		1.77
CO2	54.93	1.09		1.09								1.09	1.09		0.54	
CO3	53.29	1.5	1.06			0.53	1.06		1.06				1.06	1.06		
CO4	54.7		1.64	1.09		0.54					1.09			0.54		0.54
CO5	52.9	1.6					0.52		0.52						0.52	
AVERAGE	60.922	1.71	1.78	1.31		0.53	0.82		0.82		0.98		1.3	1.12	1.06	1.15
													1.1436			

STAFF INCHARGE

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SIET, TUMAKURU

20-21 even
CS

17CSI BDA 20-2021 EVI SEM :VIII SEM RPC: Mrs. RENUKARADHYA P C

Roll No.	USN	Name	T1	T2	T3	T1 CO1-30	T2 CO2-30	T2 CO3-30	T3 CO4-30	T3 CO5-30	ASSIGNMENT 10/5 CO1 =2	CO2 =2	CO3 =2	CO4 =2	CO5 =2	MARKS(60) CO1=9	CO2=9	CO3=9	CO4=9	CO5=9	Final CO1=40	CO2=26	CO3=26	CO4=26	CO5=25	SEE T 60M
1	1SV15CS070	PRIYA PANDA	29	30	30	29	15	15	15	14	2	2	2	2	2	9	9	9	9	9	40	26	26	26	25	45
2	1SV17CS001	ABHISHEK KUMAR PRASAD	28	29	29	28	15	14	15	14	2	2	2	2	2	5	5	5	5	5	35	22	21	22	21	25
3	1SV17CS002	ABHISHEK PANDEY	28	29	17	28	15	14	9	8	2	2	2	2	2	5	5	5	5	5	35	22	21	16	15	25
4	1SV17CS003	AISHWARYA MERY E	29	29	26	29	15	14	13	13	2	2	2	2	2	8.8	8.8	8.8	8.8	8.8	39.8	25.8	24.8	23.8	23.8	44
5	1SV17CS004	AMAN PRASAD KALWAR	29	29	29	29	15	14	15	14	2	2	2	2	2	9.2	9.2	9.2	9.2	9.2	40.2	26.2	25.2	26.2	25.2	46
6	1SV17CS006	ANUPRIYA SINGH	29	29	20	29	10	10	15	14	2	2	2	2	2	9.4	9.4	9.4	9.4	9.4	40.4	21.4	21.4	26.4	25.4	47
7	1SV17CS009	BHOOMIKA M	29	29	26	29	13	13	15	14	2	2	2	2	2	6.6	6.6	6.6	6.6	6.6	37.6	21.6	21.6	23.6	22.6	33
8	1SV17CS012	CHANDANA D GOWDA	29	29	29	29	15	14	15	14	2	2	2	2	2	8.6	8.6	8.6	8.6	8.6	39.6	25.6	24.6	25.6	24.6	43
9	1SV17CS013	CHETHAN D	29	29	29	29	15	14	15	14	2	2	2	2	2	10.2	10.2	10.2	10.2	10.2	41.2	27.2	26.2	27.2	26.2	51
10	1SV17CS014	EVA REGMI	29	29	22	29	11	11	15	14	2	2	2	2	2	7.8	7.8	7.8	7.8	7.8	38.8	20.8	20.8	24.8	23.8	39
11	1SV17CS016	HARSHITHA B A	29	29	24	29	12	12	15	14	2	2	2	2	2	7.6	7.6	7.6	7.6	7.6	38.6	21.6	21.6	24.6	23.6	38
12	1SV17CS017	HARSHITHA K	28	29	29	28	15	14	14	14	2	2	2	2	2	7.8	7.8	7.8	7.8	7.8	37.8	24.8	23.8	23.8	23.8	39
13	1SV17CS019	KAVYA H S	29	29	17	29	9	8	15	14	2	2	2	2	2	4.8	4.8	4.8	4.8	4.8	35.8	15.8	14.8	21.8	20.8	24
14	1SV17CS020	KAVYASHREE B K	28	29	29	28	15	14	14	14	2	2	2	2	2	6.4	6.4	6.4	6.4	6.4	36.4	23.4	22.4	22.4	22.4	32
15	1SV17CS021	KRUPANKH D N	29	29	29	29	15	14	15	14	2	2	2	2	2	7.6	7.6	7.6	7.6	7.6	38.6	24.6	23.6	24.6	23.6	38
16	1SV17CS023	MANASA N R	29	30	30	29	15	15	15	14	2	2	2	2	2	9.2	9.2	9.2	9.2	9.2	40.2	26.2	26.2	26.2	25.2	46
17	1SV17CS025	MAYANK SINHA	29	29	26	29	13	13	15	14	2	2	2	2	2	8.8	8.8	8.8	8.8	8.8	39.8	23.8	23.8	25.8	24.8	44
18	1SV17CS026	NANDITHA	29	29	29	29	15	14	15	14	2	2	2	2	2	8.2	8.2	8.2	8.2	8.2	39.2	25.2	24.2	25.2	24.2	41
19	1SV17CS029	NIDHI ANAND	29	29	29	29	15	14	15	14	2	2	2	2	2	7	7	7	7	7	38	24	23	24	23	35
20	1SV17CS030	NIKESH KUMAR TIWARI	27	29	29	27	15	14	14	13	2	2	2	2	2	6	6	6	6	6	35	23	22	22	21	30
21	1SV17CS031	NOOR ASFIYA	29	28	26	29	14	14	13	13	2	2	2	2	2	6	6	6	6	6	37	22	22	21	21	30
22	1SV17CS032	PRATHAMA GOWDA Y P	28	29	29	28	15	14	15	14	2	2	2	2	2	6	6	6	6	6	36	23	22	23	22	30
23	1SV17CS035	RAJESH KUMAR KAHAR	29	29	20	29	15	14	10	10	2	2	2	2	2	4.6	4.6	4.6	4.6	4.6	35.6	21.6	20.6	16.6	16.6	23
24	1SV17CS036	SABHA KHANUM	28	29	29	28	15	14	15	15	2	2	2	2	2	4.8	4.8	4.8	4.8	4.8	34.8	21.8	20.8	21.8	21.8	24
25	1SV17CS037	SADANAND KUMAR	29	29	21	29	15	14	11	10	2	2	2	2	2	5.4	5.4	5.4	5.4	5.4	36.4	22.4	21.4	18.4	17.4	27
26	1SV17CS038	SAURABH PANDEY	27	29	29	27	15	14	15	14	2	2	2	2	2	6.4	6.4	6.4	6.4	6.4	35.4	23.4	22.4	23.4	22.4	32
27	1SV17CS039	TEZASHREE POKHAREL	29	29	26	29	15	14	13	13	2	2	2	2	2	6.2	6.2	6.2	6.2	6.2	37.2	23.2	22.2	21.2	21.2	31
28	1SV17CS040	UDAYA	29	29	27	29	15	14	14	13	2	2	2	2	2	6.4	6.4	6.4	6.4	6.4	37.4	23.4	22.4	22.4	21.4	32
29	1SV17CS041	VIDHYA C M	28	29	27	28	15	14	14	13	2	2	2	2	2	7.2	7.2	7.2	7.2	7.2	37.2	24.2	23.2	23.2	22.2	36
30	1SV17CS042	VIJAY KUMAR JHA	29	29	29	29	15	15	15	14	2	2	2	2	2	8	8	8	8	8	39	25	25	25	24	40
																				AVG	39.1	24.2	23.4	24.1	23.3	
																				PERC	88.8	54.9	53.3	54.7	52.9	

Signature of Staff

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2020-21

SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY
SIRA ROAD, TUMKUR- 572 106.

Department of Computer Science and Engineering

COURSE OUTCOME

CO1. Understand the importance of user interface and benefits of good design.
CO2. Understand the user interface design process and business function.
CO3. Understand the types of system menus and navigation schemes.
CO4. Understand the characteristics of windows and device based controls.
CO5. Understand the screen based controls and kinds of tests.

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.
PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.
PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.
PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities.
PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.
PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.
PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.
PO12 Life-long learning: A recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr. BASAVESHA D				
BRANCH	CSE	ACADEMIC YEAR	2020-21		
COURSE	B.E	SEMESTER	VIII	SECTION	
SUBJECT	USER INTERFACE DESIGN	SUBJECT CODE	17CS832		

CO-PO-PSO Mapping

COs	Pos												PSOs		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
CO1	1											1	1	1	2
CO2	1											1	1	1	2
CO3	1	1	1									1	1	1	2
CO4	1	1	1									1	1	1	2
CO5	1	1	1									1	1	1	2
Average	1	1	1									1	1	1	2

ATTAINMENT TABLE

COs	AVG	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	63.7	0.63											0.63	0.63	0.63	1.26
CO2	72.0	0.72											0.72	0.72	0.72	1.44
CO3	71.2	0.71	0.71	0.71									0.71	0.71	0.71	1.42
CO4	72.8	0.72	0.72	0.72									0.72	0.72	0.72	1.44
CO5	71.0	0.71	0.71	0.71									0.71	0.71	0.71	.42
AVERAGE		0.69	0.71	0.71									0.69	0.69	0.69	1.39

STAFF INCHARGE

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SIET, TUMAKURU-06.

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SIET, TUMAKURU.

Roll No.	USN	Name	17CS832						2020-21		Sem:VIII		EVEN			SUB: UID						FACULTY: Mr. BASAVESHA D					
						T1	T2		T3		ASSIGNMENT 10/5					EXTERNAL						Final					TOTAL AVG
			T1	T2	T3	CO1-30	CO2-15	CO3-15	CO4-15	CO5-15	CO1-2	CO2-2	CO3-2	CO4-2	CO5-2	SEE(60)	CO1-12	CO2-12	CO3-12	CO4-12	CO5-12	CO1-44	CO2-29	CO3-29	CO4-29	CO5-29	
1	1SV15CS070	PRIYA PANDA	29	29	29	29	15	14	15	14	2	2	2	2	2	45	9	9	9	9	9	40	26	25	26	25	28.4
2	1SV17CS001	ABHISHEK KUMAR [redacted]	28	29	29	28	15	14	15	14	2	2	2	2	2	25	5	5	5	5	5	35	22	21	22	21	24.2
3	1SV17CS002	ABHISHEK PANDEY	28	28	29	0	14	14	15	14	2	2	2	2	2	25	5	5	5	5	5	7	21	21	22	21	18.4
4	1SV17CS003	AISHWARYA MERY E	28	28	28	28	14	14	15	13	2	2	2	2	2	44	8.8	8.8	8.8	8.8	8.8	38.8	24.8	24.8	25.8	23.8	27.6
5	1SV17CS004	AMAN PRASAD [redacted]	28	29	30	28	14	15	15	14	2	2	2	2	2	46	9.2	9.2	9.2	9.2	9.2	39.2	25.2	26.2	26.2	25.2	28.4
6	1SV17CS006	ANUPRIYA SINGH	29	29	26	29	15	14	15	14	2	2	2	2	2	47	9.4	9.4	9.4	9.4	9.4	40.4	26.4	25.4	26.4	25.4	28.8
7	1SV17CS009	BHOOMIKA M	29	29	27	29	15	14	15	12	2	2	2	2	2	33	6.6	6.6	6.6	6.6	6.6	37.6	23.6	22.6	23.6	20.6	25.6
8	1SV17CS012	CHANDANA D GOWDA	29	29	30	29	14	15	15	15	2	2	2	2	2	43	8.6	8.6	8.6	8.6	8.6	39.6	24.6	25.6	25.6	25.6	28.2
9	1SV17CS013	CHETHAN D	29	29	29	29	14	14	14	14	2	2	2	2	2	51	10.2	10.2	10.2	10.2	10.2	41.2	26.2	26.2	26.2	26.2	29.2
10	1SV17CS014	EVA REGMI	28	27	29	28	14	13	15	14	2	2	2	2	2	39	7.8	7.8	7.8	7.8	7.8	37.8	23.8	22.8	24.8	23.8	26.6
11	1SV17CS016	HARSHITHA B A	28	28	28	0	15	13	13	15	0	0	0	0	0	38	7.6	7.6	7.6	7.6	7.6	7.6	22.6	20.6	20.6	22.6	18.8
12	1SV17CS017	HARSHITHA K	28	28	28	28	14	14	14	14	0	0	0	0	0	39	7.8	7.8	7.8	7.8	7.8	35.8	21.8	21.8	21.8	21.8	24.6
13	1SV17CS019	KAVYA H S	28	28	27	28	14	14	15	12	2	2	2	2	2	24	4.8	4.8	4.8	4.8	4.8	34.8	20.8	20.8	21.8	18.8	23.4
14	1SV17CS020	KAVYASHREE B K	28	28	28	0	14	14	14	14	2	2	2	2	2	32	6.4	6.4	6.4	6.4	6.4	8.4	22.4	22.4	22.4	22.4	19.6
15	1SV17CS021	KRUPANKH D N	29	29	30	29	14	15	15	15	2	2	2	2	2	38	7.6	7.6	7.6	7.6	7.6	38.6	23.6	24.6	24.6	24.6	27.2
16	1SV17CS023	MANASA N R	29	29	30	29	15	14	15	15	2	2	2	2	2	46	9.2	9.2	9.2	9.2	9.2	40.2	26.2	25.2	26.2	26.2	28.8
17	1SV17CS025	MAYANK SINHA	28	28	28	28	14	14	14	14	2	2	2	2	2	44	8.8	8.8	8.8	8.8	8.8	38.8	24.8	24.8	24.8	24.8	27.6
18	1SV17CS026	NANDITHA	28	28	27	28	14	14	14	13	2	2	2	2	2	41	8.2	8.2	8.2	8.2	8.2	38.2	24.2	24.2	24.2	23.2	26.8
19	1SV17CS029	NIDHI ANAND	29	29	28	29	14	15	15	13	2	2	2	2	2	35	7	7	7	7	7	38	23	24	24	22	26.2
20	1SV17CS030	NIKESH KUMAR TIWARI	28	29	28	28	15	14	14	14	2	2	2	2	2	30	6	6	6	6	6	36	23	22	22	22	25
21	1SV17CS031	NOOR ASFIYA	29	29	28	0	14	15	14	14	2	2	2	2	2	30	6	6	6	6	6	8	22	23	22	22	19.4
22	1SV17CS032	PRATHAMA GOWDA Y P	28	28	29	28	14	14	14	15	2	2	2	2	2	30	6	6	6	6	6	36	22	22	22	23	25
23	1SV17CS035	RAJESH KUMAR KAHAR	28	26	27	0	13	13	14	13	2	2	2	2	2	23	4.6	4.6	4.6	4.6	4.6	6.6	19.6	19.6	20.6	19.6	17.2
24	1SV17CS036	SABHA KHANUM	29	29	28	29	15	14	14	14	2	2	2	2	2	24	4.8	4.8	4.8	4.8	4.8	35.8	21.8	20.8	20.8	20.8	24
25	1SV17CS037	SADANAND KUMAR	29	27	27	29	14	13	13	14	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	36.4	21.4	20.4	20.4	21.4	24
26	1SV17CS038	SAURABH PANDEY	28	26	29	0	13	13	15	14	2	2	2	2	2	32	6.4	6.4	6.4	6.4	6.4	8.4	21.4	21.4	23.4	22.4	19.4
27	1SV17CS039	TEZASHREE POKHAREL	28	27	29	28	14	13	15	14	2	2	2	2	2	31	6.2	6.2	6.2	6.2	6.2	36.2	22.2	21.2	23.2	22.2	25
28	1SV17CS040	UDAYA	29	29	30	29	15	14	15	15	2	2	2	2	2	32	6.4	6.4	6.4	6.4	6.4	37.4	23.4	22.4	23.4	23.4	26
29	1SV17CS041	VIDHYA C M	29	29	27	29	15	14	15	12	2	2	2	2	2	36	7.2	7.2	7.2	7.2	7.2	38.2	24.2	23.2	24.2	21.2	26.2
30	1SV17CS042	VIJAY KUMAR JHA	28	28	28	28	14	14	15	13	2	2	2	2	2	40	8	8	8	8	8	38	24	24	25	23	26.8
																						28.0	20.9	20.6	21.1	20.6	
																PER	63.7	72.0	71.2	72.8	71.0						

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