2020-21

ODD SEM

Department of Information 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		ISE		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	73.1	2.19	2.19	1.46										2.19		
CO2	67.4	2.02	2.02	1.34										2.02		
CO3	68.4	2.05	2.05	1.33										1.33		
CO4	65.4	1.96	1.96	1.30										1.30		
CO5	64.9	1.94	1.94	1.28										1.94		
AVERAGE		2.03	2.03	1.34										1.75		

Veena.N.D

Staff In-charge

HOD
Dept. of ISE

PRINCIPAL
SIET. TUMAKURU.

18CS36 SEM:3 'B' Subject: Discrete Mathematical Structure Mrs Veena N D 2020-21

Roll No.	USN	Name	T1	T2	T3	T1 CO1-30	T2 CO2-15	T2 CO3-15	T3 CO4-15	T3 CO5-15	CO1-2	CO2-2	CO3-2	CO4-2	CO5-2	SEE(50)	CO1-12	CO2-12	CO3-12	CO4-12	CO5-12	CO1-44	CO2-29	CO3-29	CO4-29	CO5-29	TOTAL AVG
1	15V19IS001	ABHISHEK V	30	29	29	30	14	15	15	14	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	37.4	21.4	22.4	22.4	21.4	25
2	15V19IS002	B S CHAITHRA	27	30	15	27	15	15	10	5	2	2	2	2	2	28	5.6	6.6	6.6	5.6	5.6	34.6	22.6	22.6	17.6	12.6	22
3	15V19IS003	BINDUSHREE T N	30	29	23	30	14	15	10	13	2	2	2	2	2	11	2.2	2.2	2.2	2.2	2.2	34.2	18.2	19.2	14.2	17.2	20.6
4	15V19IS004	DIVYASHREE N	27	AB	AB	27	0	0	0	0	2	2	2	2	2		0	0	0	0	0	29	2	2	2	2	7.4
5	15V19IS005	H RANJITHA	28	29	29	28	14	15	14	15	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	34.2	20.2	21.2	20.2	21.2	23.4
6	15V19IS006	HAMEEDA BANU	28	30	29	28	15	15	14	14	2	2	2	2	2	24	4.8	4.8	4.8	4.8	4.8	34.8	21.8	21.8	20.8	20.8	24
7	15V19IS007	JOSHNI P S	29	29	22	29	14	15	11	11	2	2	2	2	2	26	5.2	5.2	5.2	5.2	5.2	36.2	21.2	22.2	18.2	18.2	23.2
8	15V19IS008	MAMATHASHREE H	27	29	29	27	14	15	15	14	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	34.4	21.4	22.4	22.4	21.4	24.4
9	15V19CS009	MD. ASIF HUSSAIN	26	-	20	26	0	0	10	10	2	2	2	2	2	8	1	1	1	1	1	29	3	3	13	13	12.2
10	15V19IS010	MUSKAN W	29	29	17	29	14	15	10	7	2	2	2	2	2	8	1.6	1.6	1.6	1.6	1.6	32.6	17.6	18.6	13.6	10.6	18.8
11	15V19IS011	NISHMA M N	30	30	30	30	15	15	15	15	2	2	2	2	2	24	4.8	4.8	4.8	4.8	4.8	36.8	21.8	21.8	21.8	21.8	24.8
12	15V19IS012	PRIYA AGADI	29	30	29	29	15	15	14	15	2	2	2	2	2	23	4.6	4.6	4.6	4.6	4.6	35.6	21.6	21.6	20.6	21.6	24.2
13	15V19IS013	RAVITEJA S	27	30	30	27	15	15	15	15	2	2	2	2	2	23	4.6	4.6	4.6	4.6	4.6	33.6	21.6	21.6	21.6	21.6	24
14	15V19IS014	SAHANA Y GOWDA	27	29	18	27	14	15	10	8	2	2	2	2	2	15	3	3	3	3	3	32	19	20	15	13	19.8
15	15V19IS015	SAI PAVAN	30	29		30	14	15	0	0	2	2	2	2	2	26	5.2	5.2	5.2	5.2	5.2	37.2	21.2	22.2	7.2	7.2	19
16	15V19IS016	SHIVAKUMAR S C	26	29	30	26	14	15	15	15	2	2	2	2	2	43	8.6	8.6	8.6	8.6	8.6	36.6	24.6	25.6	25.6	25.6	27.6
17	15V19IS017	SHREEDHARA GANACHARI	30	30	30	30	15	15	15	15	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	37.4	22.4	22.4	22.4	22.4	25.4
18	15V19IS018	SINCHANA K M	30	30	30	30	15	15	15	15	2	2	2	2	2	26	5.2	5.2	5.2	5.2	5.2	37.2	22.2	22.2	22.2	22.2	25.2
19	15V19IS019	SINDHUSHREE K D	28	30	29	28	15	15	14	15	2	2	2	2	2	18	3.2	3.2	3.2	3.2	3.2	33.2	20.2	20.2	19.2	20.2	22.6
20	15V19IS020	SNEHA H T	28	29	24	28	14	15	12	12	2	2	2	2	2	15	3	3	3	3	3	33	19	20	17	17	21.2
21	15V19IS022	THANMAYI P	29	28	29	29	15	11	14	15	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	35.2	21.2	17.2	20.2	21.2	23
22	15V19IS023	THANUJA M	27	30	27	27	15	15	15	12	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	33.2	21.2	21.2	21.2	18.2	23
23	15V19IS024	VAISHNAVI C S	28	29	29	28	14	15	14	15	2	2	2	2	2	28	5.6	5.6	5.6	5.6	5.6	35.6	21.6	22.6	21.6	22.6	24.8
24	15V19IS025	VARSHITHA R	27	29	28	27	14	15	14	14	2	2	2	2	2	31	6.2	6.2	6.2	6.2	6.2	35.2	22.2	23.2	22.2	22.2	25
25	15V19IS026	VENKATESH M KAMBLE	26	29	29	26	14	15	14	15	2	2	2	2	2		0	0	0	0	0	28	16	17	16	17	18.8
26	15V19IS027	VINAY KUMAR K S	28	29	24	28	14	15	12	12	2	2	2	2	2	25	5	5	5	5	5	35	21	22	19	19	23.2
27	15V19IS001	YASHASWINI K N			29				15	14	2	2	2	2	2		0	0	0	0	0	2	2	2	17	18	7.8
																						32.2	19.5571	19.8429	18.9857	18.8429	
																						73.1818	67.4384	68.4236	65.469	64.9754	

Department of Information Science and Engineering

COURSE OUTCOME

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COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mrs. VEENA N D				
BRANCH	ISE		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	42.6	1.27	1.27	0.85										1.27		
CO2	63.5	1.90	1.90	1.27										1.90		
CO3	54.1	1.62	1.62	1.08										1.08		
CO4	57.1	1.71	1.71	1.14										1.14		
CO5	51.9	1.55	1.55	1.03										1.55		
AVERAGE		1.61	1.61	1.07										1.38		

Veena N.P

Staff In-charge

Suhas.G.K

HOD
Dr. ISE
SIET, Tumkur 72

PRINCIPAL
SIET., TUMAKURU

18CS36 SEM:3 'B' Subject: Discrete Mathematical Structure Mrs Veena N D   2020 - 2021

Roll No.	USN	Name	T1	T2	T3	T1 CO1-30	T2 CO2-15	T2 CO3-15	T3 CO4-15	T3 CO5-15	ASSIGNMENT CO1-2	CO2-2	CO3-2	CO4-2	CO5-2	SEE(60)	SEE CO1-12	CO2-12	CO3-12	CO4-12	CO5-12	Final CO1-44	CO2-28	CO3-28	CO4-28	CO5-28	TOTAL AVG
1	1SV20IS001	BHAVANA S	16	20	14	16	10	10	10	4	2	2	2	2	2	28	5.6	5.6	5.6	5.6	5.6	23.6	17.6	17.6	17.6	11.6	17.6
2	1SV20IS002	DARSHAN NAYAK B M	11	16	16	11	10	6	10	6	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	17.2	16.2	12.2	16.2	12.2	14.8
3	1SV20IS003	DEEPA R ARADHYA MATA	15	23	24	15	12	13	14	10	2	2	2	2	2	31	6.2	6.2	6.2	6.2	6.2	23.2	20.2	21.2	22.2	18.2	21
4	1SV20IS004	DHAVALASHREE B JAIN	17	25	29	17	15	10	14	15	2	2	2	2	2	36	7.2	7.2	7.2	7.2	7.2	26.2	24.2	19.2	23.2	24.2	23.4
5	1SV20IS005	HEMANTH SANGAM M	7	12	9	7	10	2	4	5	2	2	2	2	2	12	2.4	2.4	2.4	2.4	2.4	11.4	14.4	6.4	8.4	9.4	10
6	1SV20IS006	KEERTHANA N	6	19	25	6	10	9	15	10	2	2	2	2	2	17	3.4	3.4	3.4	3.4	3.4	11.4	15.4	14.4	20.4	15.4	15.4
7	1SV20IS007	NAYANA S S	7	12	AB	7	10	2	0	0	2	2	2	2	2	45	9	9	9	9	9	18	21	13	11	11	14.8
8	1SV20IS008	NETHRAVATHI K E	15	28	21	15	14	14	10	11	2	2	2	2	2	10	2	2	2	2	2	19	18	18	14	15	16.8
9	1SV20IS009	NITHIN D G	15	16	AB	15	10	6	0	0	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	21.2	16.2	12.2	6.2	6.2	12.4
10	1SV20IS010	REKHA	22	18	29	22	10	8	15	14	2	2	2	2	2	25	5	5	5	5	5	29	17	15	21	21	20.8
11	1SV20IS011	REVATHI P O	21	30	27	21	15	15	15	12	2	2	2	2	2	46	9.2	9.2	9.2	9.2	9.2	32.2	26.2	26.2	26.2	23.2	26.8
12	1SV20IS012	SHESHADRI T	8	15	15	8	10	5	10	5	2	2	2	2	2	12	2.4	2.4	2.4	2.4	2.4	12.4	14.4	9.4	14.4	9.4	12
13	1SV20IS013	SUDEEP R V S	6	19	26	6	10	9	11	15	2	2	2	2	2	32	6.4	6.4	6.4	6.4	6.4	14.4	18.4	17.4	19.4	23.4	18.6
14	1SV20IS014	THOUHID J K	0	29	14	0	15	14	7	7	2	2	2	2	2	9	1.8	1.8	1.8	1.8	1.8	3.8	18.8	17.8	10.8	10.8	12.4

18.786 18.429 15.714 16.571 15.071
42.895 63.547 54.187 57.143 51.97

Department of Information Science and Engineering

COURSE OUTCOME

CO1. Design and analyze application of analog circuits using photo devices, timer IC, power supply regulator 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.

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COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mrs. SOWMYA M S				
BRANCH	ISE		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	80.5	1.61	1.61	1.61										2.41		
CO2	60.8	1.21	1.21	1.21										1.82		
CO3	60.8	1.21	1.21	1.21										1.82		
CO4	61.3	1.22	1.22		1.22									1.83	0.61	
CO5	63.1	1.89	1.26		0.63									1.89	0.63	
AVERAGE		1.42	1.30	1.34	0.92									1.95	0.62	

Sowmya. S
Staff In-charge

HOD
Dept. of ISE
SIET. Tumkur-#6.

PRINCIPAL
SIET., TUMAKURU

18CS33 SEM: 3 'B' Subject: Analog & Digital Electronics Ms Sowmya S 2020 - 21

Roll No.	USN	Name	T1	T2	T3	T1 CO1-30	T2 CO2-15	T2 CO3-15	T3 CO4-15	T3 CO5-15	CO1-2	CO2-2	CO3-2	CO4-2	CD5-2	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	1SV19IS001	ABHISHEK V	30	30	23	30	15	15	10	13	2	2	2	2	2	28	5.6	5.6	5.6	5.6	5.6	37.6	22.6	22.6	17.6	20.6	34.2
2	1SV19IS002	B S CHAITHRA	30	30	24	30	15	15	14	10	2	2	2	2	2	18	3.6	3.6	3.6	3.6	3.6	35.6	20.6	20.6	19.6	15.6	22.4
3	1SV19IS003	BINDUSHREE T N	30	30	23	30	15	15	10	13	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	36.2	21.2	21.2	16.2	19.2	22.8
4	1SV19IS004	DIVYASHREE N	AB	AB			0	0	0	0	2	2	2	2	2		0	0	0	0	0	32	2	2	2	2	8
5	1SV19IS005	H RANJITHA	29	30	30	29	15	15	15	15	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	35.2	21.2	21.2	21.2	21.2	24
6	1SV19IS006	HAMEEDA BANU	29	30	27	29	15	15	15	12	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	35.2	21.2	21.2	21.2	18.2	23.4
7	1SV19IS007	JOSHNI P S	29	30	29	29	15	15	14	15	2	2	2	2	2	28	5.6	5.6	5.6	5.6	5.6	36.6	22.8	22.6	21.6	22.6	25.2
8	1SV19IS008	MAMATHASHREE H	30	30	19	30	15	15	10	9	2	2	2	2	2	13	2.6	2.6	2.6	2.6	2.6	34.6	19.6	19.6	14.6	15.6	20.4
9	1SV19CS009	MD. ASIF HUSSAIN	29	0	24	29	0	0	10	14	2	2	2	2	2	9	1.8	1.8	1.8	1.8	1.8	32.8	3.8	3.8	13.8	17.8	14.4
10	1SV19IS010	MUSKAN W	29	30	24	29	15	15	10	14	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	36.4	22.4	22.4	17.4	21.4	24
11	1SV19IS011	NISHMA M N	30	30	28	30	15	15	14	14	2	2	2	2	2	41	8.2	8.2	8.2	8.2	8.2	40.2	25.2	25.2	24.2	24.2	27.8
12	1SV19IS012	PRIYA AGADI	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
13	1SV19IS013	RAVITEJA S	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
14	1SV19IS014	SAHANA Y GOWDA	29	AB	30	29	0	0	15	15	2	2	2	2	2	2	0.4	0.4	0.4	0.4	0.4	31.4	2.4	2.4	17.4	17.4	14.2
15	1SV19IS015	SAI PAVAN	4	30	23	4	15	15	10	13	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	10.2	21.2	21.2	16.2	19.2	17.8
16	1SV19IS016	SHIVAKUMAR B C	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
17	1SV19IS017	SHREEDHARA GANACHARI	30	30	30	30	15	15	15	15	2	2	2	2	2	48	9.6	9.6	9.6	9.6	9.6	41.6	26.6	26.6	26.6	26.6	29.8
18	1SV19IS018	SINCHANA K M	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
19	1SV19IS019	SINDHUSHREE K O	30	30	24	30	15	15	14	10	2	2	2	2	2	23	4.6	4.6	4.6	4.6	4.6	36.6	21.6	21.6	20.6	16.6	23.4
20	1SV19IS020	SNEHA H T	30	30	23	30	15	15	13	10	2	2	2	2	2	8	1.6	1.6	1.6	1.6	1.6	33.6	18.6	18.6	16.6	13.6	20.2
21	1SV19IS022	THANMAYI P	29	30	24	29	15	15	14	10	2	2	2	2	2	31	6.2	6.2	6.2	6.2	6.2	37.2	23.2	23.2	22.2	18.2	26.8
22	1SV19IS023	THANUJA M	30	30	23	30	15	19	10	13	2	2	2	2	2	30	6	6	6	6	6	38	23	23	18	21	24.6
23	1SV19IS024	VAISHNAVI C S	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
24	1SV19IS025	VARSHITHA R	30	30	25	30	15	15	10	15	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	36.2	21.2	21.2	16.2	21.2	23.2
25	1SV19IS026	VENKATESH M KAMBLE	30	30	29	30	15	15	14	15	2	2	2	2	2		0	0	0	0	0	32	17	17	16	17	19.8
26	1SV19IS027	VINAY KUMAR K S	29	30	27	29	15	15	15	12	2	2	2	2	2	22	4.4	4.4	4.4	4.4	4.4	35.4	21.4	21.4	21.4	18.4	23.6
27	1SV18IS001	YASHASWINI K N	0	0	28	0	0	0	14	14	2	2	2	2	2		0	0	0	0	0	2	2	2	18	16	7.6
																						35.4429	17.6571	17.6571	17.8	18.3	
																						80.5519	60.8867	60.8867	61.3793	63.1034	

Department of Information 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 forengineering practice

CO5. Analyze, design, implement, verify, validate, implement, apply andmaintain software systems or parts of software systems

ROGRAM 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				
BRANCH		ISE		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	75.4	1.50		1.50		1.50	1.50							1.50	1.50	
CO2	66.7								2.00							0.66
CO3	67.4									1.34	1.34			0.67		0.67
CO4	69.5	1.39	1.39			1.39								1.39	1.39	
CO5	69.8			2.09	1.39	1.39		1.39				1.39	1.39			2.
AVERAGE		1.44	1.39	1.79	1.39	1.42	1.50	1.39	2.00	1.34	1.34	1.39	1.39	1.18	1.44	1.14

Kumar H R
Staff In-charge

HOD
Dept. of ISE
SIET, Tumkur-86

PRINCIPAL
SIET, TUMAKURU

Roll No.	USN	Name	T1	T2	T3	T1 CO1-30	T2 CO2-15	T2 CO3-15	T3 CO4-15	T3 CO5-15	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 AVE
1	1SV19IS001	ABHISHEK V	30	29	30	30	14	15	15	15	2	2	2	2	2	35	7	7	7	7	7	39	23	24	24	24	26.8
2	1SV19IS002	B S CHAITHRA	29	30	29	29	15	15	14	15	2	2	2	2	2	26	5.2	5.2	5.2	5.2	5.2	36.2	22.2	22.2	21.2	22.2	24.8
3	1SV19IS003	BINDUSHREE T N	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
4	1SV19IS004	DIVYASHREE N	29	29	30	29	14	14	15	15	2	2	2	2	2	0	0	0	0	0	0	31	16	16	17	17	19.4
5	1SV19IS005	H RANJITHA	29	30	30	29	15	15	15	15	2	2	2	2	2	28	5.6	5.6	5.6	5.6	5.6	36.6	22.6	22.6	22.6	22.6	25.4
6	1SV19IS006	HAMEEDA BANU	29	29	30	29	14	14	15	15	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	36.4	21.4	21.4	22.4	22.4	24.8
7	1SV19IS007	JOSHNI P S	29	29	30	29	14	15	15	15	2	2	2	2	2	9	1.8	1.8	1.8	1.8	1.8	32.8	17.8	18.8	18.8	18.8	21.4
8	1SV19IS008	MAMATHASHREE H	28	30	30	28	15	15	15	15	2	2	2	2	2	10	2	2	2	2	2	32	19	19	19	19	21.6
9	1SV19CS009	MD. ASIF HUSSAIN	22	–	30	22	0	0	15	15	2	2	2	2	2	15	3	3	3	3	3	27	5	5	20	20	15.4
10	1SV19IS010	MUSKAN W	30	29	30	30	14	15	15	15	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	36.2	20.2	21.2	21.2	21.2	24
11	1SV19IS011	NISHMA M N	30	30	30	30	15	15	15	15	2	2	2	2	2	24	4.8	4.8	4.8	4.8	4.8	36.8	21.8	21.8	21.8	21.8	24.8
12	1SV19IS012	PRIYA AGADI	29	30	30	29	15	15	15	15	2	2	2	2	2	17	3.4	3.4	3.4	3.4	3.4	34.4	20.4	20.4	20.4	20.4	23.2
13	1SV19IS013	RAVITEJA S	30	30	30	30	15	15	15	15	2	2	2	2	2	22	4.4	4.4	4.4	4.4	4.4	36.4	21.4	21.4	21.4	21.4	24.4
14	1SV19IS014	SAHANA Y GOWDA	25	30	30	25	15	15	15	15	2	2	2	2	2	13	2.6	2.6	2.6	2.6	2.6	29.6	19.6	19.6	19.6	19.6	21.6
15	1SV19IS015	SAI PAVAN	30	29	30	30	14	15	15	15	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	36.2	20.2	21.2	21.2	21.2	24
16	1SV19IS016	SHIVAKUMAR B C	26	30	30	26	15	15	15	15	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	32.2	21.2	21.2	21.2	21.2	23.4
17	1SV19IS017	SHREEDHARA GANACH	30	30	30	30	15	15	15	15	2	2	2	2	2	38	7.6	7.6	7.6	7.6	7.6	39.6	24.6	24.6	24.6	24.6	27.6
18	1SV19IS018	SINCHANA K M	30	30	29	30	15	15	14	15	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	36.2	21.2	21.2	20.2	21.2	24
19	1SV19IS019	SINDHUSHREE K O	28	30	30	28	15	15	15	15	2	2	2	2	2	23	4.6	4.6	4.6	4.6	4.6	34.6	21.6	21.6	21.6	21.6	24.2
20	1SV19IS020	SNEHA H T	27	30	30	27	15	15	15	15	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	33.2	21.2	21.2	21.2	21.2	23.6
21	1SV19IS022	THANMAYI P	29	27	30	29	14	13	15	15	2	2	2	2	2	17	3.4	3.4	3.4	3.4	3.4	34.4	19.4	18.4	20.4	20.4	22.6
22	1SV19IS023	THANUJA M	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	1SV19IS024	VAISHNAVI C S	30	29	30	30	14	15	15	15	2	2	2	2	2	17	3.4	3.4	3.4	3.4	3.4	35.4	19.4	20.4	20.4	20.4	23.2
24	1SV19IS025	VARSHITHA R	27	29	30	27	14	15	15	15	2	2	2	2	2	22	4.4	4.4	4.4	4.4	4.4	33.4	20.4	21.4	21.4	21.4	23.6
25	1SV19IS026	VENKATESH M KAMBLI	27	30	30	27	15	15	15	15	2	2	2	2	2	0	0	0	0	0	0	29	17	17	17	17	19.4
26	1SV19IS027	VINAY KUMAR K S	27	30	30	27	15	15	15	15	2	2	2	2	2	24	4.8	4.8	4.8	4.8	4.8	33.8	21.8	21.8	21.8	21.8	24.2
27	1SV18IS001	YASHASWINI K N									2	2	2	2	2	0	0	0	0	0	0	2	2	2	2	2	2
																						33.21	19.36	19.55	20.18	20.25	
																						75.49	66.77	67.41	69.58	69.83	

18CS35 SEM:3 'B' Subject: Software Engineering Mr Kumar H R 2020-21

Sri Shridevi Charitable Trust (R.)
SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY
ESTD:2002

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SHRIDEVI
E D U C A T I O N

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

Department of Information 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.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr. CHETHAN M S				
BRANCH	ISE		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	65.57	1.96	1.31	-	1.31	-	-	-	-	-	-	-	1.31	-	-	-
CO2	52.19	1.58	1.38	1.04	-	-	-	-	-	-	-	-	1.04	-	-	1.04
CO3	50.48	1.51	1.00	-	1.00	-	-	-	-	-	-	-	1.00	1.00	-	1.00
CO4	60.81	1.82	1.82	1.82	1.21	-	-	-	-	-	-	-	1.21	1.21	-	1.21
AVERAGE	57.26	1.71	1.37	1.43	1.17	-	-	-	-	-	-	-	1.14	1.10	-	1.08
FINAL ATTAINMENT LEVEL													1.28			

STAFF INCHARGE

HOD
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-85.

PRINCIPAL
SIET, TUMAKURU.

Department of Information Science and Engineering

Sl	USN	Name	COURSE CODE:18CS34			COURSE: COMPUTER ORGANIZATION			SEM: III SEM B Section					2020-2021 ODD SEM				ISE				
						T1		T2		T3	ASSIGNMENT=10				SEE=60M				FINAL				SEE
			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	1SV19IS001	ABHISHEK V	23	15	22	23	8	7	22	2.5	2.5	2.5	2.5	8.75	8.75	8.75	8.75	34.25	19.25	18.25	33.3	35
2	1SV19IS002	B S CHAITHRA	21	15	15	21	8	7	15	2.5	2.5	2.5	2.5	8.5	8.5	8.5	8.5	32	19	18	26.0	34
3	1SV19IS003	BINDUSHREE T N	22	21	16	22	11	10	16	2.5	2.5	2.5	2.5	6	6	6	6	30.5	19.5	18.5	24.5	24
4	1SV19IS004	DIVYASHREE N	23	AB	AB	23	0	0	0	0	0	0	0	0	0	0	0	23	0	0	0.0	0
5	1SV19IS005	H RANJITHA	24	19	22	24	10	9	22	2.5	2.5	2.5	2.5	7.25	7.25	7.25	7.25	33.75	19.75	18.75	31.8	29
6	1SV19IS006	HAMEEDA BANU	23	22	18	23	11	11	18	2.5	2.5	2.5	2.5	7	7	7	7	32.5	20.5	20.5	27.5	28
7	1SV19IS007	JOSHNI P S	23	19	23	23	10	9	23	2.5	2.5	2.5	2.5	7.75	7.75	7.75	7.75	33.25	20.25	19.25	33.3	31
8	1SV19IS008	MAMATHASHREE H	20	9	20	20	5	4	20	2.5	2.5	2.5	2.5	1.5	1.5	1.5	1.5	24	9	8	24.0	6
9	1SV19CS009	MD. ASIF HUSSAIN	19	15	27	19	8	7	27	2.5	2.5	2.5	2.5	1.75	1.75	1.75	1.75	23.25	12.25	11.25	31.3	7
10	1SV19IS010	MUSKAN W	26	24	13	26	12	12	13	2.5	2.5	2.5	2.5	4.25	4.25	4.25	4.25	32.75	18.75	18.75	19.8	17
11	1SV19IS011	NISHMA M N	23	26	23	23	13	13	23	2.5	2.5	2.5	2.5	6.5	6.5	6.5	6.5	32	22	22	32.0	26
12	1SV19IS012	PRIYA AGADI	24	26	29	24	13	13	29	2.5	2.5	2.5	2.5	10.5	10.5	10.5	10.5	37	26	26	42.0	42
13	1SV19IS013	RAVITEJA S	25	24	30	25	12	12	30	2.5	2.5	2.5	2.5	9.5	9.5	9.5	9.5	37	24	24	42.0	38
14	1SV19IS014	SAHANA Y GOWDA	23	20	17	23	10	10	17	2.5	2.5	2.5	2.5	1.5	1.5	1.5	1.5	27	14	14	21.0	6
15	1SV19IS015	SAI PAVAN	28	26	27	28	13	13	27	2.5	2.5	2.5	2.5	5.25	5.25	5.25	5.25	35.75	20.75	20.75	34.8	21
16	1SV19IS016	SHIVAKUMAR B C	22	15	21	22	8	7	21	2.5	2.5	2.5	2.5	6	6	6	6	30.5	16.5	15.5	29.5	24
17	1SV19IS017	SHREEDHARA GANACHARI	27	17	21	27	9	8	21	2.5	2.5	2.5	2.5	5.25	5.25	5.25	5.25	34.75	16.75	15.75	28.8	21
18	1SV19IS018	SINCHANA K M	24	13	16	24	7	6	16	2.5	2.5	2.5	2.5	5.25	5.25	5.25	5.25	31.75	14.75	13.75	23.8	21
19	1SV19IS019	SINDHUSHREE K O	25	15	17	25	8	7	17	2.5	2.5	2.5	2.5	6	6	6	6	33.5	16.5	15.5	25.5	24
20	1SV19IS020	SNEHA H T	23	15	20	23	8	7	20	2.5	2.5	2.5	2.5	3.5	3.5	3.5	3.5	29	14	13	26.0	14
21	1SV19IS022	THANMAYI P	23	14	27	23	7	7	27	2.5	2.5	2.5	2.5	6	6	6	6	31.5	15.5	15.5	35.5	24
22	1SV19IS023	THANUJA M	23	23	24	23	12	11	24	2.5	2.5	2.5	2.5	6.75	6.75	6.75	6.75	32.25	21.25	20.25	33.3	27
23	1SV19IS024	VAISHNAVI C S	26	14	29	26	7	7	29	2.5	2.5	2.5	2.5	5.25	5.25	5.25	5.25	33.75	14.75	14.75	36.8	21
24	1SV19IS025	VARSHITHA R	23	14	21	23	7	7	21	2.5	2.5	2.5	2.5	2.75	2.75	2.75	2.75	28.25	12.25	12.25	26.3	11
25	1SV19IS026	VENKATESH M KAMBLE	19	14	16	19	7	7	16	2.5	2.5	2.5	2.5	6.5	6.5	6.5	6.5	28	16	16	25.0	26
26	1SV19IS027	VINAY KUMAR K S	22	19	26	22	10	9	26	2.5	2.5	2.5	2.5	3	3	3	3	27.5	15.5	14.5	31.5	12
27	1SV18IS001	YASHASWINI K N	24	21	27	24	11	10	27	2.5	2.5	2.5	2.5	5.75	5.75	5.75	5.75	32.25	19.25	18.25	35.3	23
		28.88889															AVG	31.14815	16.96296	16.40741	28.88889	
																	%	65.57505	52.19373	50.48433	60.81871	

COURSE INSTRUCTOR: Prof. CHETHAN M S

CHETHAN M.S

Department of Information 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.
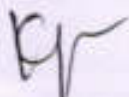
PROGRAM OUTCOMES

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	ISE		ACADEMIC YEAR		2020-21
COURSE	B.E	SEMESTER	VII	SECTION	
SUBJECT	Storage Area Networks		SUBJECT CODE		17CS754
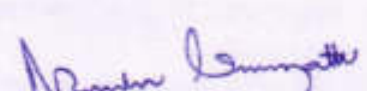
CO-PO-PSO Mapping

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

COs	AVG	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	86.8		2.60											2.60		
CO2	84.1			2.52										2.52		
CO3	85.7		1.70											2.57		
CO4	87.3		1.74											2.61		
AVERAGE			2.01	2.52										2.57		

Staff In-charge

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Roll No	USN	Name	T1	T2	T3	T1 30	T2 15	15	T3 30	ASSIGNMENT 10/4 CO1-3	CO2-2	CO3-2	CO4-3	0)	SEE 15	15	15	15	FINAL 48	32	32	48	TOTAL AVERAGE
						SUB: STORAGE AREA NETWORKS — SEM:VII — ODD — KIRAN G M — 17CS754 — 2020-2021																	
1	1SV17IS001	Nithin Kumar B N	25	27	28	25	13	14	28	3	2	2	3	45	11.25	11.25	11.25	11.25	39.25	26.25	27.25	42.25	33.75
2	1SV17IS002	Rachana V	30	29	29	30	14	15	29	3	2	2	3	50	12.5	12.5	12.5	12.5	45.5	28.5	29.5	44.5	37
3	1SV17IS003	Rakiya Uzma	28	30	27	28	15	15	27	3	2	2	3	46	11.5	11.5	11.5	11.5	42.5	28.5	28.5	41.5	35.25
4	1SV17IS004	Santhoshbharadwaj H A	27	26	27	27	13	13	27	3	2	2	3	38	9.5	9.5	9.5	9.5	39.5	24.5	24.5	39.5	32
																			41.688	26.938	27.438	41.938	
																			86.849	84.18	85.742	87.37	

SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY

SIRA ROAD, TUMKUR- 572 106.

Department of Information 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	ISE		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	1					1		1	2	2	2	2

CO AND PO ATTAINMENT

COs	AVG	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	86.3	1.72		0.86	0.86	0.86				0.86		0.86	0.86	1.72	1.72	1.72
CO2	91.1	0.86		0.91	0.91	0.91				0.91		0.91	2.73	1.82	1.82	1.82
AVERAGE		1.29		0.88	0.88	0.88				0.88		0.88	1.79	1.77	1.77	1.77

Staff Incharge

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SIET. Tumkur

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Roll No.	USN	Name	17CS744 SUB:USP			ODD T1		SSIGNMENT 10/			EXTERNAL		Final		TOTAL
			T1	T2	T3	CO1-	CO2-	CO1-5	CO2-5	SEE(6	CO1-	CO2-	CO1-	CO2-	AVG
1	1SV17IS001	Nithin Kumar B N	25	28	28	25	56	5	5	45	22.5	22.5	52.5	83.5	68
2	1SV17IS002	Rachana V	30	29	30	30	59	5	5	50	25	25	60	89	74.5
3	1SV17IS003	Rakiya Uzma	28	30	30	28	60	5	5	47	23.5	23.5	56.5	88.5	72.5
4	1SV17IS004	Santhoshbharadwaj H A	29	29	30	29	59	5	5	43	21.5	21.5	55.5	85.5	70.5

FACULTY:Dr.Basavesha D   SEM: VII   2020-2021

56.125	86.625
86.346	91.184

2020-21

EVEN SEM

Department of Information 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.

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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		ISE		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														
CO2	1	1										2		2	
CO3	1	1										2		2	
CO4	1	1										2		2	
Average	1.0	1.0										2		2	
												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	53.6	0.53											1.07		1.07	
CO2	51.1	0.51	0.51										1.02		1.02	
CO3	48.2	0.48	0.48										0.96		0.96	
CO4	75.2	0.75	0.75										1.50		1.50	
AVERAGE		0.56	0.58										1.13		1.13	

Staff In-charge

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SIET. Tumkur-06.

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SIET. TUMAKURU.

Department of Information 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.

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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	ISE			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	26.9	0.26											0.83		0.83	
CO2	30.8	0.30	0.30										0.61		0.61	
CO3	29.1	0.29	0.29										0.58		0.58	
CO4	33.3	0.33	0.33										0.66		0.66	
AVERAGE		0.29	0.30										0.67		0.67	

Sub.Cplc

Staff-Incharge

HOD
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CIET-Tumkur.06,

PRINCIPAL
SIET., TUMAKURU

	SUB:Operating System		18CS43		2020-21		KIRAN G M				SEM:IV		EVEN										
					T1			T2		T3		ASSIGNMENT 6/4				SEE					FINAL			TOTAL
SL NO	USN	Name	T1	T2	T3	CO1-2	CO2-1	CO3-1	CO4-30	CO1-2	C02-2	CO3-1	CO4-1	SEE(60)	CO1-15	CO1-15	CO3-15	CO4-15	CO1-19	CO2-18	CO3-17	CO4-46	AVERAGE
89		ABHISHEK V	1	1	18	1	1	1	18	2	2	1	1	19	7.25	7.25	7.25	7.25	11.25	10.25	9.25	36.25	16.75
90	15V1905002	B S CHAITHRA	1	1	29	1	1	1	29	2	2	1	1	25	6.25	6.25	6.25	6.25	10.25	9.25	8.25	36.25	16
91	15V1905003	BINDUSHREE T N	2	1	29	2	1	1	29	2	2	1	1	19	4.75	4.75	4.75	4.75	8.75	7.75	6.75	34.75	14.5
92	15V1905005	H RANJITHA	2	1	27	1	1	1	17	2	2	1	1	34	6	6	6	6	10	9	8	34	15.25
93	15V1905006	HAMEEDA BANU	1	1	29	1	1	1	29	2	2	1	1	27	6.75	6.75	6.75	6.75	10.75	9.75	8.75	36.75	16.5
94	15V1905007	JOSHNI P S	1	1	29	1	1	1	29	2	2	1	1	36	6.5	6.5	6.5	6.5	10.5	9.5	8.5	36.5	16.25
95	15V1905008	MAMATHASHREE H	2	1	27	1	1	1	17	2	2	1	1	34	4	4	4	4	8	7	6	32	15.25
96	15V1905009	MD ASIF HUSSAIN	1	1	26	1	1	1	26	2	2	1	1	17	4.25	4.25	4.25	4.25	8.25	7.25	6.25	31.25	13.25
97	15V1905010	MUSKAN W	2	1	28	2	1	1	28	2	2	1	1	23	5.75	5.75	5.75	5.75	9.75	8.75	7.75	34.75	15.25
98	15V1905011	NISHMA M N	2	1	28	1	1	1	28	2	2	1	1	28	7	7	7	7	11	10	9	36	16.5
99	15V1905012	PRIYA AGADI	2	1	27	1	1	1	27	2	2	1	1	28	6.5	6.5	6.5	6.5	10.5	9.5	8.5	34.5	15.75
100	15V1905013	RAVITEJA S	2	1	25	1	1	1	25	2	2	1	1	31	7.75	7.75	7.75	7.75	11.75	10.75	9.75	33.75	16.5
101	15V1905014	SAHANA Y GOWDA	2	1	26	1	1	1	26	2	2	1	1	18	4.5	4.5	4.5	4.5	8.5	7.5	6.5	31.5	13.5
102	15V1905015	SAI PAVAN	2	1	26	1	1	1	26	2	2	1	1	25	6.25	6.25	6.25	6.25	10.25	9.25	8.25	33.25	15.25
103	15V1905016	SHIVAKUMAR B C	2	1	26	1	1	1	26	2	2	1	1	30	7.5	7.5	7.5	7.5	11.5	10.5	9.5	34.5	16.5
104	15V1905017	SHREEDHARA	2	1	26	1	1	1	26	2	2	1	1	32	8	8	8	8	12	11	10	35	17
105	15V1905018	SINCHANA K M	2	1	29	1	1	1	29	2	2	1	1	22	5.5	5.5	5.5	5.5	9.5	8.5	7.5	35.5	15.25
106	15V1905019	SINDHUSHREE K O	2	1	28	1	1	1	28	2	2	1	1	24	6	6	6	6	10	9	8	35	15.5
107	15V1905020	SNEHA H T	2	2	28	2	1	1	28	2	2	1	1	19	4.75	4.75	4.75	4.75	8.75	7.75	6.75	35.75	14.25
108	15V1905022	THANMAYI P	2	1	27	2	1	1	27	2	2	1	1	26	6.5	6.5	6.5	6.5	10.5	9.5	8.5	34.5	15.75
109	15V1905023	THANUJA M	2	1	30	2	1	1	30	2	2	1	1	26	6.5	6.5	6.5	6.5	10.5	9.5	8.5	37.5	16.5
110	15V1905024	VAISHNAVI S	2	1	29	1	1	1	29	2	2	1	1	25	6.25	6.25	6.25	6.25	10.25	9.25	8.25	36.25	16
111	15V1905025	VARSHETHA R	2	1	29	1	1	1	29	2	2	1	1	25	6.25	6.25	6.25	6.25	10.25	9.25	8.25	36.25	16
112	15V1905026	VENKATESH M	2	1	26	2	1	1	26	2	2	1	1	34	6	6	6	6	10	9	8	33	15
113	15V1905027	VINAY KUMAR K B	2	1	25	1	1	1	25	2	2	1	1	18	7	7	7	7	11	10	9	35	15.75
114	15V1905001	YASHASWINI K N	2	1	26	1	1	1	26	2	2	1	1	30	7.5	7.5	7.5	7.5	11.5	10.5	9.5	34.5	16.5

10.20192 9.201923 8.201923 34.625
53.69433 51.12179 48.24661 75.27174

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY												
FACULTY NAME	PROF. SHANMUKASWAMY C V												
BRANCH	ISE			ACADEMIC YEAR			2020-21						
PROGRAM	B.E	SEMESTER		IV	SECTION		B [ISE]						
COURSE NAME	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	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	63	1.9	1.9	1.9												
CO2	64	1.9	1.9	1.9	1.9	1.9		1.3	1.9		1.9		1.3	1.9	1.3	
CO3	60.5	1.8	1.8	1.8	1.3	1.8		1.3	1.3		1.8		1.3	1.3	1.3	
AVERAGE		1.87	1.87	1.87	1.6	1.85		1.3	1.6		1.85		1.3	1.6	1.3	
													FINAL ATTAINMENT LEVEL			1.63

Prof. Shanmukaswamy
Staff In-charge

HOD
Dept. of ISE
SIET Tumkur-06

PRINCIPAL
SIET. TUMAKURU.

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING
COsPOs ATTAINMENT
ACADEMIC YEAR -2020-21[EVEN SEM]

CLASS:4th SEM "B" ISE   Course Name :Object Oriented Concepts [18CS45]

Roll No.	USN	Name	T1	T2	T3			ASSIGNMENT 16/3				SEE [50]			Final			Attain ment [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	1SV19IS001	ABHISHEK V	2	2	7	7	7	5	5	6	29	10	10	9	24	24	22	70
2	1SV19IS002	B S CHAITHRA	2	2	7	7	6	5	5	6	25	8	8	9	22	22	21	65
3	1SV19IS003	BINDUSHREE T N	2	2	8	8	8	5	5	6	19	6	6	7	21	21	21	63
4	1SV19IS005	H RANJITHA	2	2	5	5	5	5	5	6	24	8	8	8	20	20	19	59
5	1SV19IS006	HAMEEDA BANU	2	2	8	9	9	5	5	6	27	9	9	9	24	25	24	73
6	1SV19IS007	JOSHNI P S	2	2	5	6	6	5	5	6	26	9	9	8	21	22	20	63
7	1SV19IS008	MAMATHASHREE H	1	2	6	7	7	5	5	6	16	5	5	6	17	19	19	55
8	1SV19IS009	MD ASIF HUSSAIN	0	0	7	6	7	5	5	6	17	6	6	5	18	17	18	53
9	1SV19IS010	MUSKAN W	2	2	4	4	5	5	5	6	23	8	8	7	19	19	18	56
10	1SV19IS011	NISHMA M N	2	2	5	5	5	5	5	6	28	9	9	8	21	21	19	61
11	1SV19IS012	PRIYA AGADI	2	2	8	8	6	5	5	6	26	8	9	9	23	24	21	68
12	1SV19IS013	RAVITEJA S	2	2	9	9	9	5	5	6	31	11	10	10	27	26	25	78
13	1SV19IS014	SAHANA Y GOWDA	2	2	7	7	6	5	5	6	18	6	6	6	20	20	18	58
14	1SV19IS015	SAI PAVAN	2	2	6	7	7	5	5	6	25	8	8	9	21	22	22	65
15	1SV19IS016	SHIVAKUMAR B C	2	2	9	9	9	5	5	6	30	10	10	10	26	26	25	77
16	1SV19IS017	SHREEDHARA	2	2	8	8	7	5	5	6	32	11	11	10	26	26	23	75
17	1SV19IS018	SINCHANA K M	2	2	6	7	7	5	5	6	22	8	7	7	21	21	20	62
18	1SV19IS019	SINDHUSHREE K O	2	2	4	4	3	5	5	6	24	8	8	8	19	19	17	55
19	1SV19IS020	SNEHA H T	2	2	4	4	4	5	5	6	19	6	6	7	17	17	17	51
20	1SV19IS022	THANMAYI P	2	2	4	5	5	5	5	6	26	8	9	9	19	21	20	60
21	1SV19IS023	THANUJA M	2	2	6	6	7	5	5	6	26	9	9	8	22	22	21	65
22	1SV19IS024	VAISHNAVI C S	2	2	6	7	7	5	5	6	25	8	8	9	21	22	22	65
23	1SV19IS025	VARSHITHA R	2	2	5	5	4	5	5	6	25	8	9	8	20	21	18	59
24	1SV19IS026	VENKATESH M	2	2	5	5	4	5	5	6	24	8	8	8	20	20	18	58
25	1SV19IS027	VINAY KUMAR K S	2	2	7	7	9	5	5	6	28	9	9	10	23	23	25	71
26	1SV18IS001	YASHASWINI K N	2	2	6	6	6	5	5	6	30	10	10	10	23	23	22	68
															21	22	20.6	
		Attainment													63	64	60.5	

Sri Shridevi Charitable Trust (R.)
SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY
Sira Road, Tumkur - 572 106, Karnataka, India.
ESTD:2002

SHRIDEVI
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E D U C A T I O N Email: info@shrideviengineering.org, principal@shrideviengineering.org | Website: www.shrideviengineering.org
(Approved by AICTE, New Delhi, Recognised by Govt. of Karnataka and Affiliated to Visvesvaraya Technological University, Belagavi)

Department of Information 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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SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY
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(Approved by AICTE, New Delhi, Recognised by Govt. of Karnataka and Affiliated to Visvesvaraya Technological University, Belagavi)

ESTD:2002

COLLEGE		SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY					
FACULTY NAME		Mr. CHETHAN M S					
BRANCH		ISE		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	52.44	1.04	0.52	0.52	1.04	-	-	-	-	-	-	-	1.04	-	-	-
CO2	47.03	0.94	0.47	0.94	0.94	-	-	-	-	-	-	-	0.94	0.94	-	0.94
CO3	47.03	0.94	0.47	0.94	0.94	1.41	-	-	-	-	-	-	0.94	1.41	-	0.94
CO4	57.50	1.15	0.57	1.72	1.72	1.72	-	-	-	-	-	-	1.15	1.15	-	1.15
AVERAGE	51.00	1.01	0.50	1.03	1.15	1.56	-	-	-	-	-	-	1.01	1.16	-	1.01
FINAL ATTAINMENT LEVEL													1.05			

STAFF INCHARGE

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

PRINCIPAL
SIET, TUMAKURU

Department of Information 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: 26 — ISE

Roll No	USN	Name	T1 (T1=02)	T2 (T2=02)	T3 (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=46.3	SEE
						T1	T2		T3	ASSIGNMENT=06				SEE=60M				FINAL				
1	1SV19IS001	ABHISHEK V	2	2	21	2	1	1	21	1.5	1.5	1.5	1.5	7.25	7.25	7.25	7.25	10.75	9.75	9.75	29.75	29
2	1SV19IS002	B S CHAITHRA	2	2	20	2	1	1	20	1.5	1.5	1.5	1.5	6.25	6.25	6.25	6.25	9.75	8.75	8.75	27.75	25
3	1SV19IS003	BINDUSHREE T N	2	2	24	2	1	1	24	1.5	1.5	1.5	1.5	4.75	4.75	4.75	4.75	8.25	7.25	7.25	30.25	19
4	1SV19IS005	H RANJITHA	2	2	15	2	1	1	15	1.5	1.5	1.5	1.5	6	6	6	6	9.5	8.5	8.5	22.5	24
5	1SV19IS006	HAMEEDA BANU	2	2	26	2	1	1	26	1.5	1.5	1.5	1.5	6.75	6.75	6.75	6.75	10.25	9.25	9.25	34.25	27
6	1SV19IS007	JOSHNI P S	2	2	17	2	1	1	17	1.5	1.5	1.5	1.5	6.5	6.5	6.5	6.5	10	9	9	25	26
7	1SV19IS008	MAMATHASHREE H	2	2	20	2	1	1	20	1.5	1.5	1.5	1.5	4	4	4	4	7.5	6.5	6.5	25.5	16
8	1SV19IS009	MD ASIF HUSSAIN	2	2	20	2	1	1	20	1.5	1.5	1.5	1.5	4.25	4.25	4.25	4.25	7.75	6.75	6.75	25.75	17
9	1SV19IS010	MUSKAN W	2	2	13	2	1	1	13	1.5	1.5	1.5	1.5	5.75	5.75	5.75	5.75	9.25	8.25	8.25	20.25	23
10	1SV19IS011	NISHMA M N	2	2	15	2	1	1	15	1.5	1.5	1.5	1.5	7	7	7	7	10.5	9.5	9.5	23.5	28
11	1SV19IS012	PRIYA AGADI	2	2	22	2	1	1	22	1.5	1.5	1.5	1.5	6.5	6.5	6.5	6.5	10	9	9	30	26
12	1SV19IS013	RAVITEJA S	2	2	27	2	1	1	27	1.5	1.5	1.5	1.5	7.75	7.75	7.75	7.75	11.25	10.25	10.25	36.25	31
13	1SV19IS014	SAHANA Y GOWDA	2	2	20	2	1	1	20	1.5	1.5	1.5	1.5	4.5	4.5	4.5	4.5	8	7	7	26	18
14	1SV19IS015	SAI PAVAN	2	2	20	2	1	1	20	1.5	1.5	1.5	1.5	6.25	6.25	6.25	6.25	9.75	8.75	8.75	27.75	25
15	1SV19IS016	SHIVAKUMAR B C	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
16	1SV19IS017	SHREEDHARA	2	2	23	2	1	1	23	1.5	1.5	1.5	1.5	8	8	8	8	11.5	10.5	10.5	32.5	32
17	1SV19IS018	SINCHANA K M	2	2	20	2	1	1	20	1.5	1.5	1.5	1.5	5.5	5.5	5.5	5.5	9	8	8	27	22
18	1SV19IS019	SINDHUSHREE K O	2	2	11	2	1	1	11	1.5	1.5	1.5	1.5	6	6	6	6	9.5	8.5	8.5	18.5	24
19	1SV19IS020	SNEHA H T	2	2	12	2	1	1	12	1.5	1.5	1.5	1.5	4.75	4.75	4.75	4.75	8.25	7.25	7.25	18.25	19
20	1SV19IS022	THANMAYI P	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
21	1SV19IS023	THANUJA M	2	2	19	2	1	1	19	1.5	1.5	1.5	1.5	6.5	6.5	6.5	6.5	10	9	9	27	25
22	1SV19IS024	VAISHNAVI C S	2	2	20	2	1	1	20	1.5	1.5	1.5	1.5	6.25	6.25	6.25	6.25	9.75	8.75	8.75	27.75	25
23	1SV19IS025	VARSHITHA R	2	2	14	2	1	1	14	1.5	1.5	1.5	1.5	6.25	6.25	6.25	6.25	9.75	8.75	8.75	21.75	25
24	1SV19IS026	VENKATESH M	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
25	1SV19IS027	VINAY KUMAR K S	2	2	23	2	1	1	23	1.5	1.5	1.5	1.5	7	7	7	7	10.5	9.5	9.5	31.5	28
26	1SV18IS001	YASHASWINI K N	2	2	18	2	1	1	18	1.5	1.5	1.5	1.5	7.5	7.5	7.5	7.5	11	10	10	27	30
																	AVG	9.70192	8.70192	8.70192	26.7404	
																	%	52.4428	47.0374	47.0374	57.5062	

CHETHAN M S

Department of Information 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		ISE		ACADEMIC YEAR		2020-21	
COURSE	B.E	SEMESTER	VIII	SECTION		ᵗ	
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

CO AND PO ATTAINMENT

COs	AVG	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
													0.91	0.91	0.91	1.82
CO1	91	0.91											0.89	0.89	0.89	1.78
CO2	89	0.89											0.86	0.86	0.86	1.72
CO3	86	0.86	0.86	0.86									0.89	0.89	0.89	1.78
CO4	89	0.89	0.89	0.89									0.89	0.89	0.89	1.78
CO5	89	0.89	0.89	0.89									0.88	0.88	0.88	1.77
AVERAGE		0.88	0.88	0.88												

Bai.
Staff Incharge

HOD
Dept. of ISE
SIET, Tumkur 05

PRINCIPAL
SIET, TUMAKURU.

Roll No.	USN	Name	17CS832 SUB: WTA			EVEN 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	1SV17IS001	Nithin Kumar	28	26	27	28	12	12	13	14	2	2	2	2	2	56	11.2	11.2	11.2	11.2	11.2	41	25	25	26	27	29
2	1SV17IS002	Rachana	29	29	29	29	15	14	15	14	2	2	2	2	2	42	8.4	8.4	8.4	8.4	8.4	39	25	24	25	24	28
3	1SV17IS003	Rakiya Uzma	29	29	29	29	15	14	15	14	2	2	2	2	2	50	10	10	10	10	10	41	27	26	27	26	29
4	1SV17IS004	Santhosh	29	29	30	29	15	14	15	15	2	2	2	2	2	41	8.2	8.2	8.2	8.2	8.2	39	25	24	25	25	28
																						40	26	25	26	26	
																						91	89	86	89	89	