2018-19

ODD SEM

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.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

2018-2019

COURSE OUTCOMES **COURSE: COMPUTER ORGANIZATION- 17CS34**

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. Build 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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ESTD:2002

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr. CHETHAN M S				
BRANCH	ISE		ACADEMIC YEAR	2018-2019	
COURSE	B.E	SEMESTER	III	SECTION	
SUBJECT	COMPUTER ORGANIZATION		SUBJECT CODE	17CS34	

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	50.78	1.52	1.01	-	1.01	-	-	-	-	-	-	-	1.01	-	-	-
CO2	51.15	1.53	1.53	1.02	-	-	-	-	-	-	-	-	1.02	-	-	1.02
CO3	49.61	1.48	0.99	-	0.99	-	-	-	-	-	-	-	0.99	0.99	-	0.99
CO4	62.36	1.87	1.87	1.87	1.24	-	-	-	-	-	-	-	1.24	1.24	-	1.24
AVERAGE	53.47	1.60	1.35	1.44	1.08	-	-	-	-	-	-	-	1.06	1.11	-	1.08
FINAL ATTAINMENT LEVEL													1.24			

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ESTD: 2002

Department of Information Science and Engineering

COURSE INSTRUCTOR: Prof. CHETHAN M S			COURSE CODE:17CS34		COURSE: COMPUTER ORGANIZATION					SEM: III SEM		2018-2019 ODD SEM						CSE				
Roll No.	USN	Name			T3	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	1SV17IS001	Nithin Kumar B N	12	15	26	12	8	7	26	2.5	2.5	2.5	2.5	8	8	8	8	22.5	18.5	17.5	30.5	32
2	1SV17IS002	Rachana V	12	25	25	12	13	12	25	2.5	2.5	2.5	2.5	11	11	11	11	25.5	28.5	25.5	38.5	44
3	1SV17IS003	Rakiya Uzma	9	2	10	9	1	1	10	2.5	2.5	2.5	2.5	6.5	6.5	6.5	6.5	18	10	10	28	26
4	1SV17IS004	Santhoshbharadwaj H A	10	10	13	10	5	5	13	2.5	2.5	2.5	2.5	7.25	7.25	7.25	7.25	25.75	14.75	14.75	22.75	29
		TOTAL																				
		Total number of students	4	4	4	4	4	4	4	4	4	4	4				AVG	24.125	16.625	16.125	29.625	
																	%	50.78947737	51.15384662	49.615385	62.36842111	

[STAFF INCHARGE]

HOD
Information Science and Engineering
SIET, TUMAKURU-572106.

PRINCIPAL
SIET., TUMAKURU.

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Department of Information Science and Engineering

COURSE OUTCOME

CO1. Explain the operation of JFETs and MOSFETs , Operational Amplifier circuits and their applications.
CO2. Explain Combinational Logic, Simplification Techniques using Karnaugh Maps, Quine McClusky technique
CO3. Demonstrate the Operation of Decoders, Encoders, Multiplexers, Adders and Subtractors, Working of Latches, Flip-Flops, Designing Registers
CO4. Design of Counters, Registers and A/D & D/A converters.

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.
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	ISE	ACADEMIC YEAR	2018-19		
COURSE	B.E	SEMESTER	III	SECTION	
SUBJECT	ANALOG AND DIGITAL ELECTRONICS	SUBJECT CODE	17CS32		

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	2	2	2		2								3		
CO3	2	2	2		2								3		
CO4	2	2	3		2								3		
Average	2	2	2.5		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	58.7	1.17	1.17	1.17		1.17								1.76		
CO2	66.2	1.32	1.32	1.32		1.32								1.98		
CO3	56.6	1.13	1.13	1.13		1.13								1.69		
CO4	95.5	1.91	1.91	2.86		1.91								2.86		
AVERAGE		1.38	1.38	1.62		1.38								2.07		

Staff In-charge

HOD
Dept. of ISE
SIET, Tumkur-05.

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Roll No.	USN	Name	17CS32			MALLESH H L				SEM:III SEM									2018-2019				TOTAL AVG
			IA			T1	T2		T3	ASSIGNMENT 10/4				SEE60/4					Final				
			T1	T2	T3	CO1-30	CO2-15	CO3-15	CO4-30	CO1-2	CO2-3	CO3-2	CO4-3	SEE	CO1-15	CO2-15	CO3-15	CO4-15	CO1-47	CO2-33	CO3-32	CO4-33	
1	1SV17IS001	Nithin Kumar B N	15	26	30	15	15	11	30	2	3	2	3	29	7.25	7.25	7.25	7.25	24.25	25.25	20.25	40.25	27.5
2	1SV17IS002	Rachana V	20	28	29	20	14	14	29	2	3	2	3	25	6.25	6.25	6.25	6.25	28.25	23.25	22.25	38.25	28
3	1SV17IS003	Rakiya Uzma	13	13	30	13	10	3	30	2	3	2	3	33	8.25	8.25	8.25	8.25	23.25	21.25	13.25	41.25	24.75
4	1SV17IS004	Santhoshbharadwaj H A	23	10	20	23	5	5	20	2	3	2	3	39	9.75	9.75	9.75	9.75	34.75	17.75	16.75	32.75	25.5
																			27.63	21.88	18.13	38.13	
																			58.78	66.29	56.64	95.5	

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.
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COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr. RAGHUNANDAN R				
BRANCH	ISE	ACADEMIC YEAR	2018-19		
COURSE	B.E	SEMESTER	III	SECTION	
SUBJECT	Discrete Mathematical Structures	SUBJECT CODE	17CS36		

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	2	2	2	2	2	2	2	3	1	2	2	2
CO2	1	2	2	2	2	2	2	2	2	2	3	1	2	2	2
CO3	1	2	2	2	2	2	2	2	2	2	3	1	2	2	2
CO4	1	2	2	2	2	2	2	2	2	2	3	1	2	2	2
CO5	1	2	2	2	2	2	2	2	2	2	3	1	2	2	2
Average	1	2	2	2	2	2	2	2	2	2	3	1	2	2	2

CO AND PO ATTAINMENT

ATTAINMENT TABLE

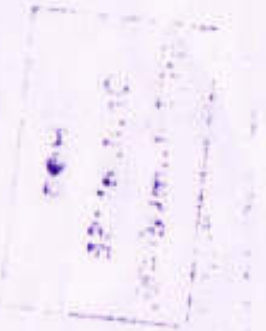
COs	AVG	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	66.0	0.66	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.98	0.66	1.32	1.32	1.32
CO2	69.1	0.69	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	2.07	0.69	1.38	1.38	1.38
CO3	63.9	0.63	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.91	0.63	1.27	1.27	1.27
CO4	72.5	0.72	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	2.17	0.72	1.45	1.45	1.45
CO5	67.4	0.67	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	2.02	0.67	1.34	1.34	1.34
AVERAGE		0.67	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	2.03	0.67	1.35	1.35	1.35

Staff In-Charge

HOD
Dept. of ISE
SIET, Tumkur-05

PRINCIPAL
SIET, TUMAKURU.

			17CS36				SEM :III SEM								MR.RAGHUNANDAN R		SUB:DMS			2018-2019 ODD				TOTAL AVG
						T1	T2		T3		SEE						ASSIGNMENT 10/5					Final				
bll No.	USN	Name	T1	T2	T3	CO1-30	CO2-15	CO3-15	CO4-15	CO5-15	SEE(60)	CO1-12	CO2-12	CO3-12	CO4-12	CO5-12	CO 1	CO 2	CO 3	CO 4	CO 5	CO1-44	CO2-29	CO3-29	CO4-29	CO5-29	
1	1SV17IS001	Nithin Kumar B N	10	25	28	10	15	10	15	13	33	6.6	6.6	6.6	6.6	6.6	2	2	2	2	2	18.6	23.6	18.6	23.6	21.6	21.2
2	1SV17IS002	Rachana V	27	28	27	27	14	14	14	13	27	5.4	5.4	5.4	5.4	5.4	2	2	2	2	2	34.4	21.4	21.4	21.4	20.4	23.8
3	1SV17IS003	Rakiya Uzma	25	20	27	25	10	10	14	13	29	5.8	5.8	5.8	5.8	5.8	1	1	1	1	1	31.8	16.8	16.8	20.8	19.8	21.2
4	1SV17IS004	Santhoshbharadwaj H A	23	19	18	23	10	9	10	8	32	6.4	6.4	6.4	6.4	6.4	2	2	2	2	2	31.4	18.4	17.4	18.4	16.4	20.4
																						29.05	20.05	18.55	21.05	19.55	21.65
																						66.02	69.14	63.97	72.59	67.41	



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Department of Information Science and Engineering

2018-2019

COURSE OUTCOMES

COURSE: MANAGEMENT AND ENTREPRENEURSHIP FOR IT INDUSTRY-15CS51

CO1. Define management, organization, entrepreneur, planning, staffing, ERP and outline their importance in entrepreneurship

CO2. Utilize the resources available effectively through ERP.

CO3. Make us 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.

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COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr. CHETHAN M S				
BRANCH	ISE	ACADEMIC YEAR	2018-2019		
COURSE	B.E	SEMESTER	V	SECTION	
SUBJECT	MANAGEMENT AND ENTREPRENEURSHIP FOR IT INDUSTRY	SUBJECT CODE	15CS51		

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	46.41	1.39	-	-	-	-	0.46	-	0.46	0.92	0.92	0.92	0.92	0.92	-	-
CO2	47.56	1.42	-	-	0.47	0.47	-	-	0.47	0.95	0.95	0.95	0.95	0.95	-	0.95
CO3	53.35	1.60	1.06	1.06	-	0.53	0.53	-	0.53	1.06	1.06	1.06	1.06	1.06	1.06	1.06
AVERAGE	49.10	1.47	1.06	1.06	0.47	0.50	0.50	-	0.48	0.97	0.97	0.97	0.97	0.97	1.06	1.00
FINAL ATTAINMENT LEVEL													0.88			

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ESTD:2003

Department of Information Science and Engineering

COURSE INSTRUCTOR: Prof. CHETHAN M S			COURSE CODE: 15CS81		COURSE: Management and Entrepreneurship for IT Industry				SEM: V SEM		2018-2019 ODD SEM				ISE			
Roll No.	USN	Name				T1	T2	T3	ASSIGNMENT=05			SEE = 80M			FINAL			SEE
			T1=15	T2=15	T3=15	CO1=15	CO2=15	CO3=15	CO1=1.6	CO2=1.6	CO3=1.6	CO1=26.6	CO2=26.6	CO3=26.6	CO1=43.2	CO2=43.2	CO3=43.2	
1	1SV15IS004	Geethani C	5	7	8	5	7	8	1.3	1.3	1.3	12.6	12.6	12.6	18.9	20.9	21.9	38
2	1SV15IS009	Narasimha Murthy N	5	5	13	5	5	13	1.3	1.3	1.3	11	11	11	17.3	17.3	25.3	33
3	1SV15IS012	Nuthana B	10	11	14	10	11	14	1.6	1.6	1.6	22.3	22.3	22.3	33.9	34.9	37.9	47
4	1SV15IS013	Pooja K	AB	6	13	0	6	13	1.3	1.3	1.3	11.3	11.3	11.3	12.6	18.6	25.6	34
5	1SV15IS014	Sagar R	8	7	11	8	7	11	1.6	1.6	1.6	11.6	11.6	11.6	21.2	20.2	24.2	35
		TOTAL																
		Total number of students	5	5	5	5	5	5	5	5	5			AVG	20.05	20.55	23.09	
														%	40.41203704	47.50944444	53.33648148	

[STAFF INCHARGE]

For Subhas C

HOD
Information Science
and Engineering
SIET, TUMAKURU-572106

PRINCIPAL
SIET, TUMAKURU.

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

Department of Information Science and Engineering

COURSE OUTCOME

CO1. Explain principles of application layer protocols.
CO2. Recognize transport layer services and infer UDP and TCP protocols.
CO3. Classify routers, IP and Routing Algorithms in network layer.
CO4. Understand the Wireless and Mobile Networks covering IEEE 802.11 Standard.
CO5. Describe Multimedia Networking and Network Management.

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	Mrs. PRATHIBHA T S				
BRANCH	ISE	ACADEMIC YEAR	2018-19		
COURSE	B.E	SEMESTER	V	SECTION	
SUBJECT	COMPUTER NETWORKS	SUBJECT CODE	15CS52		

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											3		
CO3	3	3	2										3		
CO4	3	2											2		
CO5	2												2		
Average	2.6	2.6											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	61.7	1.85												1.85		
CO2	75.4	2.26	2.26											2.26		
CO3	71.8	2.15	2.15	0.71										2.15		
CO4	75.4	2.26	1.50											1.50		
CO5	72.8	1.45												1.45		
AVERAGE		1.99	1.97	0.71										1.84		

Prathibha TS
Staff In-Charge

Subject Co-ordinator

HOD
Dept. of ISE
SIET, Tumkur-06

PRINCIPAL
SIET, TUMAKURU.

SHRIDEVI INSTITUTE OF ENGINEERING &TECHNOLOGY

Department of Information Science & Engg

Course Outcomes (CO) Program Outcomes (PO) Attainment

15CS52 **2018-2019** **SUB: CN** **SEM :V** **ODD** **TSP: Mrs. Prathiba T S**

Roll No.	USN	Name	IA			T1	T2		T3		ASSIGNMENT 5/3					SEE	SEE MARKS					Final					TOTAL AVG
			T1	T2	T3	CO1-15	CO2-7	CO3-8	CO4-7	CO5-8	CO1-1	CO2-1	CO3-1	CO4-1	CO5-1	60	CO1-12	CO2-12	CO3-12	CO4-12	CO5-12	CO1-28	CO2-20	CO3-21	CO4-20	CO5-21	
1	1SV15IS004	Gowthami C	11	12	2	11	6	6	1	1	1	1	1	1	1	43	8.6	8.6	8.6	8.6	8.6	20.6	15.6	15.6	10.6	10.6	14.6
2	1SV15IS009	Narasimha Murthy N	8	10	12	8	5	5	6	6	1	1	1	1	1	48	9.6	9.6	9.6	9.6	9.6	18.6	15.6	15.6	16.6	16.6	16.6
3	1SV15IS012	Nuthana R	10	11	14	10	5	6	7	7	1	1	1	1	1	42	8.4	8.4	8.4	8.4	8.4	19.4	14.4	15.4	16.4	16.4	16.4
4	1SV15IS013	Pooja K	0	10	13	0	5	5	6	7	1	1	1	1	1	39	7.8	7.8	7.8	7.8	7.8	8.8	13.8	13.8	14.8	15.8	13.4
5	1SV15IS014	Sagar R	7	7	10	7	4	3	5	5	1	1	1	1	1	55	11	11	11	11	11	19	16	15	17	17	16.8
																						17.28	15.08	15.08	15.08	15.28	
																						61.7	**75.4**	**71.8**	**75.4**	**72.8**	

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

Department of Information Science and Engineering

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. Design and build simple database systems
CO4. Develop application to interact with databases.

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. MALLESHA H L				
BRANCH	ISE	ACADEMIC YEAR	2018-19		
COURSE	B.E	SEMESTER	V	SECTION	
SUBJECT	Database Management System	SUBJECT CODE	15CS53		

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		3	
CO2	2	3	3		2							2		3	
CO3	3	3	3		3							2		3	3
CO4	3	3	3		3							2		3	3
Average	2.5	2.75	2.75		2.5							2		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	77.4	1.54	1.54	1.54		1.54							1.54		2.32	
CO2	77.4	1.54	2.32	2.32		1.54							1.54		2.32	
CO3	82.5	2.47	2.47	2.47		2.47							1.65		2.47	2.47
CO4	56.1	1.68	1.68	1.68		1.68							1.12		1.68	1.68
AVERAGE		1.80	2.00	2.00		1.80							1.46		2.19	2.

HLM
Staff In-charge

HOD
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SIET, Tumkur-06

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SHRIDEVI INSTITUTE OF ENGINEERING &TECHNOLOGY

Department of Information Science & Engg

Course Outcomes (CO) Program Outcomes (PO) Attainment

15CS53 2018-2019 ODD SEM :V SEM SUB:DBMS HLM:MALLESH H L

Roll No.	USN	Name				T1	T2		T3	ASSIGNMENT 5/4				SEE					Final				TOTAL AVG
			T1	T2	T3	CO1-15	CO2-8	CO3-7	CO4-15	CO 1-2	CO 2-1	CO 3-1	CO 4-1	SEE 60	CO1-15	CO2-15	CO3-15	CO4-15	CO1-32	CO2-24	CO3-23	CO4-31	
1	1SV15IS004	Gowthami C	14	13	2	14	7	6	2	2	1	1	1	40	10	10	10	10	26	18	17	13	19.0
2	1SV15IS009	Narasimha Murthy N	11	13	0	11	6	7	0	2	1	1	1	49	12.3	12.3	12.3	12.3	25.3	19.3	20.3	13.3	21.1
3	1SV15IS012	Nuthana R	12	13	15	12	6	7	15	2	1	1	1	45	11.3	11.3	11.3	11.3	25.3	18.3	19.3	27.3	21.3
4	1SV15IS013	Pooja K	9	11	5	9	5	6	5	2	1	1	1	50	12.5	12.5	12.5	12.5	23.5	18.5	19.5	18.5	19.5
5	1SV15IS014	Sagar R	11	14	3	11	7	7	3	2	1	1	1	43	10.8	10.8	10.8	10.8	23.8	18.8	18.8	14.8	19.5
																			24.8	18.6	19	17.4	
																			77.4	**77.4**	**82.5**	**56.1**	

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

Department of Information Science and Engineering

COURSE OUTCOME

CO1. The core concepts in automatatheoryand 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 formalmodel, 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.
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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	2018-2019		
COURSE	B.E	SEMESTER	V	SECTION	
SUBJECT	Automata Theory and Computability	SUBJECT CODE	15CS54		

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	62	1.86	0.62	0.62									0.62			1.24
CO2	70	1.42											0.70			1.42
CO3	69	0.69														1.38
CO4	64	0.64	0.64	1.28									0.64			1.28
CO5	61	1.22	1.22										0.61			
AVERAGE		1.16	0.82	0.95									0.64			1.30

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HOD
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SIET, Tumkur

Staff In-charge

Roll No.	USN	Name	15CS54			ODD	FACULTY: Mr. KIRAN G M																				TOTAL AVERAGE
			SUB: ATC			T1	T2		T3		ASSIGNMENT 5/5					SEE						Final					
			T1	T2	T3	CO1-15	CO2-7	CO3-8	CO4-7	CO5-8	CO1-1	CO2-1	CO3-1	CO4-1	CO5-1	SEE(80)	CO1-16	CO2-16	CO3-16	CO4-16	CO5-16	CO1-32	CO2-24	CO3-25	CO4-24	CO5-25	
1	1SV15IS004	Gowthami C	10	13	6	10	6	7	3	3	1	1	1	1	1	41	8.2	8.2	8.2	8.2	8.2	19	15	16	12	12	15
2	1SV15IS009	Narasimha Murthy N	10	13	10	10	7	6	5	5	1	1	1	1	1	50	10	10	10	10	10	21	18	17	16	16	17.6
3	1SV15IS012	Nuthana R	7	13	14	7	6	7	7	7	1	1	1	1	1	52	10	10	10	10	10	18	17	18	18	18	18.2
4	1SV15IS013	Pooja K	11	14	6	11	7	7	3	3	1	1	1	1	1	48	9.6	9.6	9.6	9.6	9.6	22	18	18	14	14	16.8
5	1SV15IS014	Sagar R	8	11	10	8	5	6	5	5	1	1	1	1	1	50	10	10	10	10	10	19	16	17	16	16	16.8
																						20	17	17	15	15	
																						62	70	69	64	61	

Department of Information Science and Engineering

COURSE OUTCOME

CO1. The core concepts in automatatheory 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.
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PROGRAM OUTCOMES

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COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr. KIRAN G M				
BRANCH	ISE		ACADEMIC YEAR	2018-19	
COURSE	B.E	SEMESTER	V	SECTION	
SUBJECT	Automata Theory and Computability		SUBJECT CODE	17CS54	

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	28.3	0.84	0.28	0.28									0.28			0.56
CO2	35.3	0.70											0.35			0.70
CO3	35.7	0.35														0.70
CO4	34.8	0.69	0.69	0.34									0.34			[illegible]
CO5	34.9	0.69	0.69										0.34			0.69
AVERAGE		0.65	0.55	0.31									0.32			0.66

Staff In-charge

HOD
Dept. of ISE
SIET, Tumkur-05.

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SUB:AUTOMATE THEORY &COMPUTABILITY							KIRAN G.M			17CS5				SEM:V					2018-1019									
						T1	T2		T3		ASSIGNMENT 10/5													FINAL					TOTAL AVERAGE
Roll No.	USN	Name	T1(30)	T2(30)	T3(30)	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 B N	22	26	22	22	14	14	12	10	2	2	2	2	2	21	4.2	4.2	4.2	4.2	4.2	28.2	20.2	20.2	18.2	16.2	20.6
2	1SV17IS002	Rachana V	25	29	25	25	15	14	13	12	2	2	2	2	2	27	5.4	5.4	5.4	5.4	5.4	32.4	22.4	21.4	20.4	19.4	23.2
3	1SV17IS003	Rakiya Uzma	22	27	22	22	14	13	10	12	2	2	2	2	2	24	4.8	4.8	4.8	4.8	4.8	28.8	20.8	19.8	16.8	18.8	21
4	1SV17IS004	Santhoshbharadwaj H A	22	27	22	22	13	14	10	12	2	2	2	2	2	25	5	5	5	5	5	29	20	21	17	19	21.2
																						12.447	10.229	10.166	10.089	10.123	
																						28.3	35.3	35.1	34.8	34.9	

Department of Computer Science and Engineering

COURSE OUTCOME

CO1. Describe the concepts of object-oriented and basic class modelling.

CO2. Draw class diagrams, sequence diagrams and interaction diagrams to solve problems

CO3. Choose and apply a befitting design pattern for the given problem

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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COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr SUTHAN R				
BRANCH	CSE	ACADEMIC YEAR	2018-19		
COURSE	B.E	SEMESTER	V	SECTION	
SUBJECT	OBJECT ORIENTED MODELING AND DESIGN	SUBJECT CODE	15CS551		

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 AND PO ATTAINMENT

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	60.3	0.60		1.20									1.20	1.20	0.60	1.20
CO2	63.5	0.63		1.27									1.27	1.27	0.63	1.27
CO3	51.8	0.51		1.03									1.03	1.03	0.51	1.03
AVERAGE		0.58		1.16									1.16	1.16	0.58	1.16
FINAL ATTAINMENT LEVEL													0.96			

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SIET, Tumkur-06

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STAFF INCHARGE

		Academic year 2018-19				SEM:5										15CS551			
			IA TEST 1(15M)			IA			ASSIGNEMENT / QUIZ(5 M)				SEE MARKS(80)			Total Cos ATTAINMENT			TOTAL
ROLL NO	USN	NAME	CO1	CO2	CO3	CO1-15	CO2-15	CO3-15	CO1-2	CO2-2	CO3-1	SEE	CO1=26	CO2-26	CO3-28	CO1=43	CO2=43	CO3=45	
1	1SV15IS004	Gowthami C	5	11	6	5	11	6	2	2	1	49	16.33	16.33	16.33	23.33	29.33	23.33	25.33
2	1SV15IS009	Narasimha Murthy N	9	10	9	9	10	9	2	2	1	43	14.33	14.33	14.33	25.33	26.33	24.33	25.33
3	1SV15IS012	Nuthana R	11	12	11	11	12	11	2	2	1	48	16.00	16.00	16.00	29.00	30.00	28.00	29.00
4	1SV15IS013	Pooja K	12	10	1	12	10	1	2	2	1	44	14.67	14.67	14.67	28.67	26.67	16.67	24.00
5	1SV15IS014	Sagar R	6	7	8	6	7	8	2	2	1	46	15.33	15.33	15.33	23.33	24.33	24.33	24.00
																25.93	27.33	23.33	
																60.31	63.57	51.85	

SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY

SIRA ROAD, TUMKUR- 572 106.

Department of Information Science and Engineering

COURSE OUTCOME

CO1. Explain the concepts and terminologies of cloud computing
CO2. Demonstrate cloud frameworks and technologies
CO3. Define data intensive computing
CO4. Demonstrate cloud 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: 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	2018-19		
COURSE	B.E	SEMESTER	V	SECTION	
SUBJECT	CLOUD COMPUTING	SUBJECT CODE	15CS565		

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								1	2	2	1	1	2
CO2	2	2								1	2	2	1	1	2
CO3	2	2								1	2	2	1	1	2
CO4	2	2								1	2	2	1	1	2
Average	2	2								1	2	2	1	1	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	65	1.36	1.36								0.65	1.36	1.36	0.65	0.65	1.36
CO2	72	1.44	1.44								0.72	1.44	1.44	0.72	0.72	1.44
CO3	75	1.54	1.54								0.75	1.54	1.54	0.75	0.75	1.54
CO4	73	1.46	1.46								0.73	1.46	1.46	0.73	0.73	1.46
AVERAGE		1.45	1.45								0.71	1.45	1.45	0.71	0.71	1.45

Staff In-charge

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SHRIDEVI INSTITUTE OF ENGINEERING &TECHNOLOGY

Department of Information Science & Engg

Course Outcomes (CO) Program Outcomes (PO) Attainment

Roll No	USN	Name	15CS565				2018-19			SEM: 5th		ODD				FACULTY: Mr. Basavesha D									TOTAL AVG
			SUB: CC			T1	T2		T3	ASSIGNMENT 5/4				EXTERNAL					Final						
			T1	T2	T3	CO1-15	CO2-8	CO3-7	CO4-15	CO1-2	CO2-1	CO3-1	CO4-1	SEE(60)	CO1-15	CO2-15	CO3-15	CO4-15	CO1-32	CO2-24	CO3-23	CO4-31			
1	1SV15IS004	Gowthami C	9	7	8	9	3	4	8	2	1	1	1	50	12.5	12.5	12.5	12.5	23.5	16.5	17.5	21.5	19.75		
2	1SV15IS009	Narasimha Murthy N	6	8	7	6	4	4	7	1	1	1	2	51	12.8	12.8	12.8	12.8	19.8	17.8	17.8	21.8	19.3		
3	1SV15IS012	Nuthana R	7	8	14	7	4	4	14	1	2	1	1	48	12	12	12	12	20	18	17	27	20.5		
4	1SV15IS013	Pooja K	8	9	7	8	5	4	7	1	1	2	1	49	12.3	12.3	12.3	12.3	21.3	18.3	18.3	20.3	19.55		
5	1SV15IS014	Sagar R	7	7	11	7	4	3	11	1	1	2	1	43	10.8	10.8	10.8	10.8	18.8	15.8	15.8	22.8	18.3		
																			20.7	17.3	17.3	22.7			
																			65	72	75	73			

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

Department of Information Science and Engineering

COURSE OUTCOME

CO1. Identify the problems for machine learning. And select the either supervised, unsupersvised or reinforcement learning.

CO2. Explain theory of probability and statistics related to machine learning

CO3. Investigate concept learning, ANN, Bayes classifier, k nearest neighbor, Q,

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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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	Mrs. SHWETHA K H				
BRANCH	ISE		ACADEMIC YEAR	2018-19	
COURSE	B.E	SEMESTER	VII	SECTION	
SUBJECT	MACHINE LEARNING		SUBJECT CODE	15CS73	

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	1									2	2		
CO2	2	2	1									2	2		
CO3	2	2	1									2	2		
Average	2	2	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	75.2	1.50	1.50	0.75									1.50	1.50		
CO2	75.4	1.50	1.50	0.75									1.50	1.50		
CO3	64.4	1.28	1.28	0.64									1.28	1.28		
AVERAGE		1.42	1.42	0.71									1.42	1.42		

Staff In-charge

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SHRIDEVI INSTITUTE OF ENGINEERING &TECHNOLOGY

Department of Information Science & Engg

Course Outcomes (CO) Program Outcomes (PO) Attainment

15CS73 SEM: VII ODD 2018-19 FACULTY: Mrs. Swetha K H

Roll No.	USN	Name	SUB: ML			T1	T2	T3	ASSIGNMENT 5/3			EXTERNAL				Final			TOTAL AVG
			T1	T2	T3	CO1-15	CO2-15	CO3-15	CO1-2	CO2-2	CO3-1	SEE(60)	CO1-20	CO2-20	CO3-20	CO1-37	CO2-37	CO3-36	
1	1SV15IS001	Bhoomika B S	7	12	14	7	12	14	2	2	1	44	14.7	14.7	14.7	23.7	28.7	29.7	27.37
2	1SV15IS002	Chetana K S	6	13	10	6	13	10	2	2	1	50	16.7	16.7	16.7	24.7	31.7	27.7	28.03
3	1SV15IS005	Hemashree	10	8	9	10	8	9	2	2	1	49	16.3	16.3	16.3	28.3	26.3	26.3	26.97
4	1SV15IS007	Lakshmidevi	11	10	12	11	10	12	2	2	1	41	13.7	13.7	13.7	26.7	25.7	26.7	26.37
5	1SV15IS008	Madhan J	11	7	8	11	7	8	2	2	1	56	18.7	18.7	18.7	31.7	27.7	27.7	29.03
6	1SV15IS010	Nithin S D	14	14	5	14	14	5	2	2	1	45	15	15	15	31	31	21	27.67
7	1SV15IS011	Niveditha S	12	11	3	12	11	3	2	2	1	43	14.3	14.3	14.3	28.3	27.3	18.3	24.63
8	1SV15IS015	Shravya p	10	14	3	10	14	3	2	2	1	47	15.7	15.7	15.7	27.7	31.7	19.7	26.37
9	1SV15IS017	Sushanth A Jain	11	5	AB	11	5	0	2	2	1	43	14.3	14.3	14.3	27.3	21.3	15.3	21.30
10	1SV15IS018	Tejashree N	9	8	10	9	8	10	2	2	1	40	13.3	13.3	13.3	24.3	23.3	24.3	23.97
11	1SV15IS019	Varshitha R	13	13	AB	13	13	0	2	2	1	52	17.3	17.3	17.3	32.3	32.3	18.3	27.63
																27.82	27.91	23.18	
																75.2	75.4	64.4	

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

1 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.

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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. PRATHIBHA T S				
BRANCH	ISE	ACADEMIC YEAR	2018-19		
COURSE	B.E	SEMESTER	VII	SECTION	
SUBJECT	UNIX SYSTEM PROGRAMMING	SUBJECT CODE	15CS744		

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	77.0	1.54		0.77	0.77	0.77				0.77		0.77	0.77	1.54	1.54	1.54
CO2	99.0	0.99		0.99	0.99	0.99				0.99		0.99	2.97	1.98	1.98	1.98
AVERAGE		1.26		0.88	0.88	0.88				0.88		0.88	1.87	1.76	1.76	1.76

Prathibha T S
Staff In-charge

HOD
Dept. of ISE
SIET, Tumakuru

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SHRIDEVI INSTITUTE OF ENGINEERING &TECHNOLOGY

Department of Information Science & Engg

Course Outcomes (CO) Program Outcomes (PO) Attainment

15CS744 2018-2019 SEM: 7 ODD FACULTY: Mrs. Prathibha T S

Roll No.	USN	Name	SUB: USP			T1	T2	ASSIGNMENT 5/2		EXTERNAL			Final		TOTAL AVG
			T1	T2	T3	CO1-15	CO2-15	CO1-3	CO2-2	SEE(60)	CO1-30	CO2-30	CO1-48	CO2-47	
1	1SV15IS001	Bhoomika B S	10	11	15	10	26	3	2	49	24.5	24.5	37.5	52.5	45
2	1SV15IS002	Chetana K S	9	10	11	9	21	3	2	43	21.5	21.5	33.5	44.5	39
3	1SV15IS005	Hemashree	7	7	13	7	20	3	2	51	25.5	25.5	35.5	47.5	41.5
4	1SV15IS007	Lakshmidevi	12	10	13	12	23	3	2	65	32.5	32.5	47.5	57.5	52.5
5	1SV15IS008	Madhan J	5	10	11	5	21	3	2	54	27	27	35	50	42.5
6	1SV15IS010	Nithin S D	13	9	12	13	21	3	2	43	21.5	21.5	37.5	44.5	41
7	1SV15IS011	Niveditha S	12	9	14	12	23	3	2	47	23.5	23.5	38.5	48.5	43.5
8	1SV15IS015	Shravya p	11	7	14	11	21	3	2	49	24.5	24.5	38.5	47.5	43
9	1SV15IS017	Sushanth A Jain	5	7	7	5	14	3	2	51	25.5	25.5	33.5	41.5	37.5
10	1SV15IS018	Tejashree N	10	5	15	10	20	3	2	43	21.5	21.5	34.5	43.5	39
11	1SV15IS019	Varshitha R	9	10	14	9	24	3	2	46	23	23	35	49	42
													36.95	47.86	
													77.0	99.0	

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

SUBJECT	WEB TECHNOLOGY AND ITS APPLICATIONS	SUBJECT CODE	15CS71

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. Develop Client-Side Scripts using JavaScript and Server-Side Scripts using PHP to generate and display the contents dynamically.

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.

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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	Mr. RENUKARADHYA P.C		
BRANCH	ISE	ACADEMIC YEAR	2018-19
COURSE	B.E	SEMESTER	VII
SUBJECT	WEB TECHNOLOGY AND ITS APPLICATIONS	SUBJECT CODE	15CS71

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO2	PSO3
CO1	3	2	1		1						1				1
CO2	3	2	1							2			1		
CO3	3	2	1	2			1					1			1
CO4														1	
CO5					1					1					
AVERAGE	3	2	0.33	2	1		1			1.5	1	1	1	1	1
OVERALL MAPPING OF SUBJECT													1.319		

CO AND PO ATTAINMENT

	CO %	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	P O 12	PS O 1	PS O 2	PS O 3
CO1	28.92	0.86	0.57	0.28		0.28						0.289				0.28
CO2	38.86	1.16	0.77	0.388							0.77			0.388		
CO3	37.72	1.13	0.754	0.377	0.75			0.377								0.377
CO4	41.13														0.411	
CO5	39.71										0.397					
AVERAGE	37.26	1.05	0.698	0.348	0.75	0.28		0.37			0.58	0.28	0.388		0.411	0.6
FINAL ATTAINMENT LEVEL													0.523			

STAFF INCHARGE

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

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18-19 odd
IA

		15CS71	WTA 18-2019 EVI			SEM :VII SEM					RPC: Mrs. RENUKARADHYA P C															
						T1	T2	T3		T3	ASSIGNMENT 5/5						SEE						Final				
Roll No.	USN	Name	T1	T2	T3	CO1-15	CO2-15	CO3-15	CO4-15	CO5-15	CO-1	CO-2	CO-3	CO-4	CO-5	see	CO1-12	CO1-12	CO3-12	CO4-12	CO5-12	CO1-32	CO2-32	CO3-32	CO4-32	CO5-32
1	1SV15IS001	Bhoomika B S	1	10	14	1	5	5	7	7	1	1	1	1	1	28	5.6	5.6	5.6	5.6	5.6	7.6	11.6	11.6	13.6	13.6
2	1SV15IS002	Chetana K S	1	12	15	1	6	6	8	7	1	1	1	1	1	21	4.2	4.2	4.2	4.2	4.2	6.2	11.2	11.2	13.2	12.2
3	1SV15IS005	Hemashree	4	14	14	4	7	7	7	7	1	1	1	1	1	34	6.8	6.8	6.8	6.8	6.8	11.8	14.8	14.8	14.8	14.8
4	1SV15IS007	Lakshmidevi	3	14	13	3	7	7	7	6	1	1	1	1	1	21	4.2	4.2	4.2	4.2	4.2	8.2	12.2	12.2	12.2	11.2
5	1SV15IS008	Madhan J	3	13	11	3	6	3	6	5	1	1	1	1	1	29	5.8	5.8	5.8	5.8	5.8	9.8	12.8	9.8	12.8	11.8
6	1SV15IS010	Nithin S D	8	14	12	8	7	7	6	6	1	1	1	1	1	31	6.2	6.2	6.2	6.2	6.2	15.2	14.2	14.2	13.2	13.2
7	1SV15IS011	Niveditha S	7	14	15	7	7	7	8	7	1	1	1	1	1	27	5.4	5.4	5.4	5.4	5.4	13.4	13.4	13.4	14.4	13.4
8	1SV15IS015	Shravya p	4	10	14	4	5	5	7	7	1	1	1	1	1	21	4.2	4.2	4.2	4.2	4.2	9.2	10.2	10.2	12.2	12.2
9	1SV15IS017	Sushanth A Jain	2	14	11	2	7	7	6	5	1	1	1	1	1	27	5.4	5.4	5.4	5.4	5.4	8.4	13.4	13.4	12.4	11.4
10	1SV15IS018	Tejashree N	0	9	14	0	5	4	7	7	1	1	1	1	1	29	5.8	5.8	5.8	5.8	5.8	6.8	11.8	10.8	13.8	13.8
11	1SV15IS019	Varshitha R	0	12	14	0	6	6	7	7	1	1	1	1	1	21	4.2	4.2	4.2	4.2	4.2	5.2	11.2	11.2	12.2	12.2
																					Avg=	9.25	12.4	12.1	13.2	12.7
																					Perce	28.9	38.9	37.7	41.1	39.7

Signature of Staff

Department of Information Science and Engineering

COURSE OUTCOME

CO1. Identify key challenges in managing information and analyze different storage networking 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 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	ISE	ACADEMIC YEAR	2018-19		
COURSE	B.E	SEMESTER	VII	SECTION	
SUBJECT	STORAGE AREA NETWORKS	SUBJECT CODE	15CS754		

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3											2		
CO2			3												
CO3	1	2											2		2
CO4		2											1	1	2
AVERAGE	2	2.33	3										1.67	1	2
OVERALL MAPPING OF SUBJECT												2.00			

CO AND PO ATTAINMENT

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	67.1	2.01	2.01											1.34		
CO2	63.2			1.89												
CO3	65.2	0.65	1.30											1.30		1.30
CO4	62.3		1.24											0.62	0.62	1.24
AVERAGE		1.33	1.51	1.89										1.08	0.62	1.27
FINAL ATTAINMENT LEVEL													1.28			

STAFF INCHARGE

HOD
Dept. of ISE
SIET, Tumakur-56

PRINCIPAL
SIET, TUMAKURU.

		Academic year 2018-19				SEM:5												15CS754				
			IA TEST 1(15M)			IA -1	IA -II		IA -III	ASSIGNEMENT / QUIZ(5 M)					SEE MARKS(80)				Total Cos ATTAINMENT				TOTAL
ROLL NO	USN	NAME	T1	T2	T3	CO1-15	CO2-8	CO3-7	CO-15	CO1-2	CO2-1	CO3-1	CO4-1	SEE	CO1=20	CO2-20	CO3-20	CO4-20	CO1=37	CO2=29	CO3=28	CO4=36	
1	1SV15IS001	Bhoomika B S	9	6	10	9	3	3	10	2	1	1	1	46	11.5	11.5	11.5	11.5	22.5	15.5	15.5	22.5	19
2	1SV15IS002	Chetana K S	9	11	12	9	5	6	12	2	1	1	1	42	10.5	10.5	10.5	10.5	21.5	16.5	17.5	23.5	19.75
3	1SV15IS005	Hemashree	8	6	9	8	3	3	9	2	1	1	1	50	12.5	12.5	12.5	12.5	22.5	16.5	16.5	22.5	19.5
4	1SV15IS007	Lakshmidevi	14	11	9	14	5	6	9	2	1	1	1	45	11.25	11.25	11.25	11.25	27.25	17.25	18.25	21.25	21
5	1SV15IS008	Madhan J	9	12	9	9	6	6	9	2	1	1	1	49	12.25	12.25	12.25	12.25	23.25	19.25	19.25	22.25	21
6	1SV15IS010	Nithin S D	10	10	8	10	5	5	8	2	1	1	1	49	12.25	12.25	12.25	12.25	24.25	18.25	18.25	21.25	20.5
7	1SV15IS011	Niveditha S	13	12	10	13	6	6	10	2	1	1	1	52	13	13	13	13	28	20	20	24	23
8	1SV15IS015	Shravya p	14	13	6	14	7	6	6	2	1	1	1	58	14.5	14.5	14.5	14.5	30.5	22.5	21.5	21.5	24
9	1SV15IS017	Sushanth A Jai	7	14	7	7	7	7	7	2	1	1	1	55	13.75	13.75	13.75	13.75	22.75	21.75	21.75	21.75	22
10	1SV15IS018	Tejashree N	10	5	9	10	3	2	9	2	1	1	1	50	12.5	12.5	12.5	12.5	24.5	16.5	15.5	22.5	19.75
11	1SV15IS019	Varshitha R	10	6	9	10	3	3	9	2	1	1	1	55	13.75	13.75	13.75	13.75	25.75	17.75	17.75	23.75	21.25
																			24.7955	18.340909	18.340909	22.43182	
																			67.0147	63.244514	65.503247	62.31061	

2018-19

EVEN SEM

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@shridevienginеering.org, principal@shridevienginеering.org | Website: www.shridevienginеering.org
(Approved by AICTE, New Delhi, Recognised by Govt. of Karnataka and Affiliated to Visvesvaraya Technological University, Belagavi)

Department of Information Science and Engineering

2018-2019

COURSE OUTCOMES **COURSE: SOFTWARE ENGINEERING -17CS45**

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. Make use of techniques, skills, and modern engineering tools necessary for engineering practice

CO5. Comprehend 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.

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.

Sri Shridevi Charitable Trust (R.)
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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)

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr. CHETHAN M S				
BRANCH	ISE	ACADEMIC YEAR	2018-2019		
COURSE	B.E	SEMESTER	IV	SECTION	
SUBJECT	SOFTWARE ENGINEERING	SUBJECT CODE	17CS45		

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	1	3	3	2	-	-	2	-	-	-	2	2	-	1
CO2	1	-	-	-	-	3	1	3	1	1	-	2	-	3	-
CO3	1	-	-	1	-	2	-	2	3	2	-	2	2	-	-
CO4	2	-	-	2	3	1	1	-	-	1	3	2	3	2	2
CO5	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-
AVG	1.6	1.5	2.0	1.7	2.5	2.0	1.0	2.3	1.5	1.3	3	2.0	2.3	2.5	1.5
OVERALL MAPPING OF SUBJECT												1.91			

CO AND PO ATTAINMENT

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	55.68	1.11	0.55	1.67	1.67	1.11	-	-	1.11	-	-	-	1.11	1.11	-	0.55
CO2	65.51	0.65	-	-	-	-	1.96	0.65	1.96	0.65	0.65	-	1.31	-	1.96	-
CO3	63.79	0.63	-	-	0.63	-	1.27	-	1.27	1.91	1.27	-	1.27	1.27	-	-
CO4	65.51	1.31	-	-	1.31	1.96	0.65	0.65	-	-	0.65	1.96	1.31	1.96	1.31	1.31
CO5	63.79	1.27	1.27	0.63	0.63	-	-	-	-	-	-	-	-	-	-	-
AVERAGE	62.85	0.99	0.91	1.15	1.06	1.53	1.29	0.65	1.44	1.28	0.85	1.96	1.25	1.44	1.63	0.93
FINAL ATTAINMENT LEVEL													1.22			

Sri Shridevi Charitable Trust (R.)

SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY

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Department of Information Science and Engineering

COURSE INSTRUCTOR: Prof. CHETHAN M S | COURSE CODE:17CS45 | COURSE: SOFTWARE ENGINEERING | SEM: IV SEM | 2018-2019 EVEN SEM | ISE

Roll No.	USN	Name	T1=30	T2=30	T3=30	T1 CO1=30	T2 CO2=15	T2 CO3=15	T3 CO4=15	T3 CO5=15	ASSIGNMENT=10 CO1=2	CO2=2	CO3=2	CO4=2	CO5=2	SEE = 60M CO1=12	CO2=12	CO3=12	CO4=12	CO5=12	FINAL CO1=44	CO2=29	CO3=29	CO4=29	CO5=29	SEE
1	1SV17IS001	Nithin Kumar B N	10	17	17	10	9	8	9	8	2.5	2.5	2.5	2.5	2.5	6	6	6	6	6	27.5	17.5	16.5	17.5	16.5	30
2	1SV17IS002	Rachana V	30	30	30	30	15	15	15	15	2.5	2.5	2.5	2.5	2.5	9	9	9	9	9	41.5	26.5	26.5	26.5	26.5	45
3	1SV17IS003	Rakiya Uzma	7	19	17	7	10	9	9	8	2.5	2.5	2.5	2.5	2.5	5.8	5.8	5.8	5.8	5.8	15.3	18.3	17.3	17.3	16.3	29
4	1SV17IS004	Santhoshbharadwaj H A	13	24	24	13	12	12	12	12	2.5	2.5	2.5	2.5	2.5	6	6	6	6	6	21.5	20.5	20.5	20.5	20.5	30
		TOTAL																								
		Total number of students	4	4	4	4	4	4	4	4	4	4	4	4	4					AVG	24.5	19	18.5	19	18.5	
																				%	55.68182	65.51724	63.7931	65.51724	63.7931	

[STAFF INCHARGE]

For Subject Coordinator

HOD
Information Science and Engineering
SIET, TUMAKURU-572106.

PRINCIPAL
SIET, TUMAKURU

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

Department of Information Science and Engineering

COURSE OUTCOME

CO1. Illustrate basic computer network technology.
CO2. Identify the different types of network topologies and protocols.
CO3. List and explain the layers of the OSI model and TCP/IP model.
CO4. Comprehend the different types of network devices and their functions within a network.
CO5. Demonstrate sub netting and routing mechanisms

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 velopment.
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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. KUMAR H R				
BRANCH	ISE		ACADEMIC YEAR	2018-19	
COURSE	B.E	SEMESTER	IV	SECTION	
SUBJECT	DATA COMMUNICATION		SUBJECT CODE	17CS46	

CO-PO-PSO Mapping															
COs	Pos												PSOs		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
CO1		2											3		
CO2		2													
CO3	2														
CO4			2												
CO5		2											3		
Average	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	58		1.16											1.74		
CO2	51.7		1.02													
CO3	49.1	0.98														
CO4	58.6			1.17												
CO5	58.6		0.58											1.75		
AVERAGE		0.98	0.92	1.17										1.74		

Kumar H.R
Staff In-charge

College Code

HOD
Dept. of ISE
SIET, Tumkur-05

PRINCIPAL
SIET., TUMAKURU.

			17CS46			2018-19			SUB:DC						SEM:IV	EVEN					MR KUMAR H.R					
						T1	T2		T3		ASSIGNMENT 10/5					SEE						FINAL					TOTAL AVG
Roll No.	USN	Name	T1	T2	T3	CO1-30	CO2-15	CO3-15	CO4-15	CO5-15	CO 1 -2	CO 2-2	CO 3-2	CO 4-2	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	
1	1SV17IS001	Nithin Kumar B N	24	29	30	24	15	14	15	15	2	2	2	2	2	23	4.6	4.6	4.6	4.6	4.6	26	17	16	17	17	18.6
2	1SV17IS002	Rachana V	28	30	30	28	15	15	15	15	2	2	2	2	2	33	6.6	6.6	6.6	6.6	6.6	30	17	17	17	17	19.6
3	1SV17IS003	Rakiya Uzma	19	18	30	19	10	9	15	15	2	2	2	2	2	30	6	6	6	6	6	21	12	11	17	17	15.6
4	1SV17IS004	nthoshbharadwaj H	23	28	30	23	12	11	15	15	2	2	2	2	2	40	8	8	8	8	8	25	14	13	17	17	17.2
																						25.5	15.0	14.3	17.0	17.0	
																						58	51.7	49.1	58.6	58.6	

Department of Information 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.
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PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.
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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 K H				
BRANCH	ISE	ACADEMIC YEAR	2018-19		
COURSE	B.E	SEMESTER	IV	SECTION	
SUBJECT	Design and Analysis of Algorithms	SUBJECT CODE	17CS43		

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	55	1.13											1.13	1.13		
CO2	61.5		1.23		1.84								1.23	1.23		1.23
CO3	69.8			2.09									1.39	2.09		1.39
AVERAGE		1.13	1.23	2.09	1.84								1.25	1.48		1.31

K.H

Staff In-charge

HOD
Dept. of ISE
SIET, Tumkur-06

PRINCIPAL
SIET, TUMAKURU

SHRIDEVI INSTITUTE OF ENGINEERING &TECHNOLOGY

Department of Information Science & Engg

Course Outcomes (CO) Program Outcomes (PO) Attainment

Roll No.	USN	Name	17CS43		2018-19						SEM: 4	EVEN		FACULTY: Mrs. Swetha K H						TOTAL AVG
			SUB: DAA			T1	T2	T3	ASSIGNMENT 10/3			EXTERNAL				Final			
			T1	T2	T3	CO1-30	CO2-30	CO3-30	CO1-5	CO2-2	CO3-3	SEE(60)	CO1-20	CO2-20	CO3-20	CO1-55	CO2-52	CO3-53	
1	1SV17IS001	Nithin Kumar B N	22	22	29	22	22	29	3	4	3	29	9.67	9.67	9.67	34.67	35.67	41.67	37.33
2	1SV17IS002	Rachana V	22	26	29	22	26	29	4	3	3	29	9.67	9.67	9.67	35.67	38.67	41.67	38.67
3	1SV17IS003	Rakiya Uzma	5	20	20	5	20	20	3	3	4	22	7.33	7.33	7.33	15.33	30.33	31.33	25.67
4	1SV17IS004	Santhoshbharadwaj H A	18	9	18	18	9	18	5	2	3	37	12.33	12.33	12.33	35.33	23.33	33.33	30.67
																30.25	32	37	
																55.0	**61.5**	**69.8**	

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

Department of Information Science and Engineering

COURSE OUTCOME

CO1. Discuss the cryptography and its need to various applications
CO2. Design and Develop simple cryptography algorithms
CO3. Understand the cyber security and need cyber Law

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	2018-2019		
COURSE	B.E	SEMESTER	VI	SECTION	
SUBJECT	CRYPTOGRAPHY, NETWORK SECURITY AND CYBER LAW	SUBJECT CODE	15CS61		

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										1		
CO2	1	2	1										2	1	1
CO3		1				1		1							
Average	1.5	1.5	1.5			1		1					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	50.8	1.01		1.01										0.50		
CO2	54.8	0.54	1.09	0.54										1.09	0.54	0.54
CO3	56.5		0.56				0.56		0.56							
AVERAGE		0.77	0.82	0.77			0.56		0.56					0.79	0.54	0.54

Staff In-charge

HOD
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SIET, Tumkur-05

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			SUB: Cryptography,Network Security&Cyber Law																
		15CS61			EVEN		KIRAN G M				2018-19				SEM:VI				
						T1	T2	T3	ASSIGNMENT 5/5			SEE				FINAL			
Roll No.	USN	Name	T1	T2	T3	CO1-15	CO2-15	CO4-15	CO1-2	CO2-2	CO3-1	SEE(80)	CO1-27	CO2-27	CO3-26	CO1-44	CO2-44	CO3-42	TOTAL AVERAGE
1	1SV15IS004	Gowthami C	10	14	14	10	14	14	2	2	1	28	9.3	9.3	9.3	21.3	25.3	24.3	23.7
2	1SV15IS009	Narasimha Murthy N	9	11	14	9	11	14	2	2	1	22	7.3	7.3	7.3	18.3	20.3	22.3	20.3
3	1SV15IS012	Nuthana R	13	14	14	13	14	14	2	2	1	28	9.3	9.3	9.3	24.3	25.3	24.3	24.7
4	1SV15IS013	Pooja K	13	14	14	13	14	14	2	2	1	24	8.0	8.0	8.0	23.0	24.0	23.0	23.3
5	1SV15IS014	Sagar R	13	14	14	13	14	14	2	2	1	29	9.7	9.7	9.7	24.7	25.7	24.7	25.0
																22.3	24.1	23.7	
																50.8	54.8	56.5	

Department of Information Science and Engineering

COURSE OUTCOME

CO1. Illustrate system software such as assemblers, loaders, linkers and microprocessors
CO2. Design and develop lexical analyzers, parsers and code generators
CO3. Discuss about lex and yacc tools for implementing different concepts of system software

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 owledge.
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.
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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. RAGHUNANDAN R						
BRANCH	ISE		ACADEMIC YEAR		2018-19		
COURSE	B.E	SEMESTER	VI	SECTION			
SUBJECT	System Software and Compiler Design			SUBJECT CODE	15CS63		

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	1			2							2		2	
CO3	2	2										2		2	
Average	2	1.5			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	52.8	1.05											1.05		1.05	
CO2	58.3	1.16	0.58			1.16							1.16		1.16	
CO3	63.3	1.26	1.26										1.26		1.26	
AVERAGE		1.15	0.92			1.16							1.15		1.15	

Staff In-charge

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15CS63						2018-19			SUB: SS & CD			SEM:VI		EVEN		RAGHUNANDAN.R			
Roll No.	USN	Name	IA			T1	T2	T3	ASSIGNMENT 5/3			SEE				FINAL			TOTAL AVG
			T1	T2	T3	CO1-15	CO2-15	CO3-15	CO1-1	CO2-2	C03-2	SEE(60)	CO1-20	CO2-20	C03-20	CO1-36	CO2-37	CO3-37	
1	1SV15IS004	Gowthami C	7	9	14	7	9	14	1.6	1.6	1.6	37	12.33	12.33	12.33	20.93	22.93	27.93	23.9
2	1SV15IS009	Narasimha Murth	7	7	10	7	7	10	1.6	1.6	1.6	31	10.33	10.33	10.33	18.93	18.93	21.93	19.9
3	1SV15IS012	Nuthana R	7	12	11	7	12	11	1.6	1.6	1.6	27	9	9	9	17.6	22.6	21.6	20.6
4	1SV15IS013	Pooja K	7	10	12	7	10	12	1.6	1.6	1.6	25	8.333	8.333	8.333	16.93	19.93	21.93	19.6
5	1SV15IS014	Sagar R	9	9	9	9	9	9	1.6	1.6	1.6	30	10	10	10	20.6	20.6	20.6	20.6
																19.00	21.00	22.80	
																52.8	58.3	63.3	

Department of Information Science and Engineering

COURSE OUTCOME

CO1. Demonstrate need for OS and different types of OS
CO2. Apply suitable techniques for management of different resources
CO3. Use processor, memory, storage and file system commands
CO4. Realize the different concepts of OS in platform of usage through case studies

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	Mr. MALLESH H L				
BRANCH	ISE	ACADEMIC YEAR	2018-19		
COURSE	B.E	SEMESTER	VI	SECTION	
SUBJECT	OPERATING SYSTEM	SUBJECT CODE	15CS64		

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		
CO2	1	2	2	1									2		1
CO3		1													
CO4		1													
Average	1.5	1.33	1.5	1									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	45.2	0.90		0.45										0.45		
CO2	21.3	0.21	0.42	0.42	0.21									0.42		0.21
CO3	21.3		0.21													
CO4	27.7		0.21													
AVERAGE		0.55	0.28	0.43	0.21									0.43		0.21

Staff In-charge

HOD
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SIET, Tumakuru

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		15CS64		SEM:V	2018-	EVEN	MR. MALLESH H.L															
			SUB:OS			T1	T2		T3	ASSIGNMENT 5/4				SEE					FINAL				TOTAL AVG
oll No.	USN	Name	T1	T2	T3	CO1-15	CO2-15	CO3-15	CO4-15	CO1-1	CO2-1	CO3-1	CO4-2	SEE(60)	CO1-15	CO2-15	CO3-15	CO4-15	CO1-31	CO2-31	CO3-31	CO4-32	
1	1SV15IS004	Gowthami C	14	9	4	14	5	4	4	1.2	1.2	1.2	1.2	42	10.5	10.5	10.5	10.5	15.2	6.2	5.2	5.2	8.0
2	1SV15IS009	Narasimha Murthy N	11	11	10	11	6	5	10	1.2	1.2	1.2	1.2	26	6.5	6.5	6.5	6.5	12.2	7.2	6.2	11.2	9.2
3	1SV15IS012	Nuthana R	15	13	15	15	6	7	15	1.2	1.2	1.2	1.2	28	7	7	7	7	16.2	7.2	8.2	16.2	12.0
4	1SV15IS013	Pooja K	13	10	4	13	5	5	4	1.2	1.2	1.2	1.2	21	5.25	5.25	5.25	5.25	14.2	6.2	6.2	5.2	8.0
5	1SV15IS014	Sagar R	11	13	4	11	5	6	4	1.2	1.2	1.2	1.2	21	5.25	5.25	5.25	5.25	12.2	6.2	7.2	5.2	7.7
																			14.000	6.600	6.600	8.600	
																			45.2	21.3	21.3	27.7	

Department of Information Science and Engineering

COURSE OUTCOME

CO1. Examine Python syntax and semantics and be fluent in the use of Python flowcontrol and functions.
CO2. Demonstrate proficiency in handling Strings and File Systems.
CO3. Create, run and manipulate Python Programs using core data structures like Lists,Dictionaries and use Regular Expressions.
CO4. Interpret the concepts of Object-Oriented Programming as used in Python.
CO5. Implement exemplary applications related to Network Programming, Web Servicesand Databases in Python

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. BASAVESHA D						
BRANCH	CSE		ACADEMIC YEAR		2018-19		
COURSE	B.E	SEMESTER	VI	SECTION			
SUBJECT	Python Application Programming			SUBJECT CODE	15CS644		

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			3							1	1	2	2
CO2	1	2	2	2	3							1	1	2	2
CO3	2	2	3	2	3							2	1	2	2
CO4	2	1	3		3						3	2	1	2	2
CO5	2	2	3	2	3						3	2	1	2	2
Average	2	2	3	2	3						3	2	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	62.4	0.62				1.87							0.62	0.62	1.24	1.24
CO2	62.4	0.62	1.24	1.24	1.24	1.87							0.62	0.62	1.24	1.24
CO3	60.3	1.20	1.20	1.80	1.20	1.80							1.20	0.60	1.20	1.20
CO4	50.4	1.00	0.50	1.51		1.51						1.51	1.00	0.50	1.00	1.00
CO5	49.9	0.49	0.49	1.49	0.49	1.49						1.49	0.99	0.49	0.99	0.99
Average		0.78	0.85	1.51	0.97	1.70						1.5	0.88	1.41	1.13	1.13

Staff In-charge

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SHRIDEVI INSTITUTE OF ENGINEERING &TECHNOLOGY

Department of Information Science & Engg

Average Internals Marks & Attendance Report(EVEN SEM) 2018-19

Roll No.	USN	Name	15CS644			SEM:VI					2018-19					EVEN						FACULTY NAME:Dr.Basavesha D					
			SUBJECT:PHP			T1	T2		T3		ASSIGNMENT 5/5					EXTERNAL						Final					TOTAL AVG
			T1	T2	T3	CO1-15	CO2-7	CO3-8	CO4-7	CO5-8	CO1-1	CO2-1	CO3-1	CO4-1	CO5-1	SEE(60)	CO1-12	CO2-12	CO3-12	CO4-12	CO5-12	CO1-28	CO2-20	CO3-21	CO4-20	CO5-21	
1	1SV15IS004	Gowthami C	11	9	4	11	4	5	2	2	1	1	1	1	1	37	7.4	7.4	7.4	7.4	7.4	19.4	12.4	13.4	10.4	10.4	13.2
2	1SV15IS009	Narasimha Mu	11	8	11	11	4	4	5	6	1	1	1	1	1	32	6.4	6.4	6.4	6.4	6.4	18.4	11.4	11.4	12.4	13.4	13.4
3	1SV15IS012	Nuthana R	8	12	15	8	6	6	7	8	1	1	1	1	1	29	5.8	5.8	5.8	5.8	5.8	14.8	12.8	12.8	13.8	14.8	13.8
4	1SV15IS013	Pooja K	11	12	0	11	6	6	0	0	1	1	1	1	1	31	6.2	6.2	6.2	6.2	6.2	18.2	13.2	13.2	7.2	7.2	11.8
5	1SV15IS014	Sagar R	10	12	0	10	6	6	0	0	1	1	1	1	1	28	5.6	5.6	5.6	5.6	5.6	16.6	12.6	12.6	6.6	6.6	11
																						17.48	12.48	12.68	10.08	10.48	
																						62.429	62.4	60.381	50.4	49.905	

Department of Computer Science and Engineering

COURSE OUTCOME

CO1. Select and apply optimization techniques for various problems.

CO2. Model the given problem as transportation and assignment problem and solve.

CO3. Apply game theory for decision support 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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COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY				
FACULTY NAME	Mr SUTHAN R				
BRANCH	CSE	ACADEMIC YEAR		2018-19	
COURSE	B.E	SEMESTER	VI	SECTION	
SUBJECT	Operation research			SUBJECT CODE	15CS653

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	-	-	-	-	-	-	-	-	-	-	2	2	
CO2	2	2	-	-	-	-	-	-	-	-	-	1	2	2	
CO3	2	2	-	-	-	-	-	-	-	-	-	1	2	2	
AVERAGE	2	2	-	-	-	-	-	-	-	-	-	1	2	2	
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	52.6	1.05	1.05											1.05	1.05	
CO2	42.8	0.85	0.85										0.42	0.85	0.85	
CO3	55.1	1.10	1.10										0.55	1.10	1.10	
AVERAGE		1	1										0.48	1	1	
FINAL ATTAINMENT LEVEL													0.89			

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SIET, Tumkur-06

STAFF INCHARGE

		Academic year 2018-19				SEM 6				Total strength : 05							15CS653		
			IA TEST 1(15M)			IA			ASSIGNEMENT / QUIZ(5 M)				SEE MARKS(80)			Total Cos ATTAINMENT			TOTAL
ROLL NO	USN	NAME	CO1	CO2	CO3	CO1-15	CO2-15	CO3-15	CO1-2	CO2-2	CO3-1	SEE	CO1=26	CO2-26	CO3-28	CO1=43	CO2=43	CO3=45	
1	1SV15IS004	Gowthami C	8	4	14	8	4	14	2	2	1	63	21.0	21.00	21.00	31.0	27.0	36.0	31.3
2	1SV15IS009	Narasimha Murthy	5	3	9	5	3	9	2	2	1	23	7.7	7.67	7.67	14.7	12.7	17.7	15.0
3	1SV15IS012	Nuthana R	13	6	14	13	6	14	2	2	1	26	8.7	8.67	8.67	23.7	16.7	23.7	21.3
4	1SV15IS013	Pooja K	11	6	13	11	6	13	2	2	1	28	9.3	9.33	9.33	22.3	17.3	23.3	21.0
5	1SV15IS014	Sagar R	9	6	12	9	6	12	2	2	1	31	10.3	10.33	10.33	21.3	18.3	23.3	21.0
																22.6	18.4	24.8	
																52.6	42.8	55.1	

Department of Information Science and Engineering

COURSE OUTCOME

CO1. Explain the system concept and apply functional modeling method to model the activities of a static system.
CO2. Describe the behavior of a dynamic system and create an analogous model for a dynamic system.
CO3. Simulate the operation of a dynamic system and make improvement according to the simulation results.

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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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 K H				
BRANCH	ISE	ACADEMIC YEAR	2018-19		
COURSE	B.E	SEMESTER	VIII	SECTION	
SUBJECT	SYSTEM MODELLING AND SIMULATION	SUBJECT CODE	15CS834		

CO-PO-PSO Mapping															
COs	Pos												PSOs		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
CO1	3	2		1									3	1	
CO2	1	3	2	2	1					2			3	2	1
CO3	3	2	2	3	1								2	1	1
Average	2.33	2.33	2	2	1					2			2.6	1.33	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	39.8	1.19	0.79		0.39									1.19	0.39	
CO2	55.8	0.55	1.67	1.11	1.11	0.55					1.11			1.67	1.11	0.55
CO3	49	1.2	0.8	0.8	1.2	0.4								0.8	0.4	.4
AVERAGE		0.98	1.08	0.95	0.9	0.47					1.11			1.2	0.63	0.47

Staff In-charge

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SIET, Tumkur

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SIET., TUMAKURU.

SHRIDEVI INSTITUTE OF ENGINEERING &TECHNOLOGY

Department of Information Science & Engg

Course Outcomes (CO) Program Outcomes (PO) Attainment

Roll No.	USN	Name	SEM:8			SMS			SWETHA K H				2018-19						15CS834
			IA			T1	T2	T3	ASSIGNMENT 5/3			SEE				FINAL			
			T1	T2	T3	CO1-15	CO2-15	CO3-15	CO1-1	CO2-2	CO3-3	SEE(80)	CO1-26	CO1-26	CO1-28	CO1-42	CO2-43	CO3-46	average
1	1SV15IS001	Bhoomika B S	5	14	13	5	14	13	1	2	2	36	12.00	12.0	12.0	18.00	28.00	27.00	24.33
2	1SV15IS002	Chetana K S	7	14	11	7	14	11	1	2	2	24	8.00	8.0	8.0	16.00	24.00	21.00	20.33
3	1SV15IS005	Hemashree	5	14	8	5	14	8	1	2	2	28	9.33	9.3	9.3	15.33	25.33	19.33	20.00
4	1SV15IS007	Lakshmidevi	8	14	12	8	14	12	1	2	2	30	10.00	10.0	10.0	19.00	26.00	24.00	23.00
5	1SV15IS008	Madhan J	5	13	13	5	13	13	1	2	2	26	8.67	8.7	8.7	14.67	23.67	23.67	20.67
6	1SV15IS010	Nithin S D	10	7	13	10	7	13	1	2	2	28	9.33	9.3	9.3	20.33	18.33	24.33	21.00
7	1SV15IS011	Niveditha S	11	15	13	11	15	13	1	2	2	30	10.00	10.0	10.0	22.36	27.00	25.00	24.67
8	1SV15IS015	Shravya p	6	15	10	6	15	10	1	2	2	23	7.67	7.7	7.7	14.67	24.67	19.67	19.67
9	1SV15IS017	Sushanth A Jain	5	9	11	5	9	11	1	2	2	24	8.00	8.0	8.0	14.00	19.00	21.00	18.00
10	1SV15IS018	Tejashree N	5	14	12	5	14	12	1	2	2	28	9.33	9.3	9.3	15.33	25.33	23.33	21.33
11	1SV15IS019	Varshitha R	7	14	11	7	14	11	1	2	2	21	7.00	7.0	7.0	15.00	23.00	20.00	19.33
																16.758	24.03	22.576	
																39.899	55.884	49.078	

SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY

SIRA ROAD, TUMKUR- 572 106.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SUBJECT	BIG DATA ANALYTICS	SUBJECT CODE	15CS82

COURSE OUTCOME

CO1. Master the concepts of HDFS and MapReduce framework

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

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	ISE	ACADEMIC YEAR	2018-19	
COURSE	B.E	SEMESTER	VIII	
SUBJECT	BIG DATA ANALYTICS	SUBJECT CODE	15CS82	

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	2	1	2			3					2	1		
CO2	3		1	2					2			2		1	2
CO3	3						1		2			2		1	
CO4	3	2					2		1			2	1		2
CO5	3	2		2								2		3	
AVERAGE	3	2	1	2			2		1.66			2	1	1.66	2
OVERALL MAPPING OF SUBJECT												1.82			

CO AND PO ATTAINMENT

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	30.68	0.92	0.61	0.30	0.61			0.92					0.61	0.30		
CO2	25.42	0.79		0.26	0.52					0.52			0.52		0.26	0.52
CO3	24.43	0.73						0.24		0.48			0.48		0.24	
CO4	21.30	0.63	0.42					0.42		0.21			0.42	0.21		0.42
CO5	19.03	0.57	0.38		0.38								0.38		0.57	
AVERAGE	24.37	0.72	0.47	0.28	0.50			0.52		0.40			0.48	0.25	0.35	0.47
FINAL ATTAINMENT LEVEL													0.44			

STAFF INCHARGE

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

PRINCIPAL
SIET., TUMAKURU

EVEN
18-19 IS

		15CS52	BDA		18-19 EVEN	SEM :VI SEM				RPC: Mrs. RENUKARADHYA P C															
						T1	T2	T3		T3	ASSIGNMENT 5/5						SEE					Final				
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	see	CO1-12	CO2 =12	CO3 =12	CO4 =12	CO5 =12	CO1 =32	CO2 =32	CO3 =32	CO4 =32	CO5 =32
1	1SV15IS001	Bhoomika B S	11	15	15	11	8	7	8	7	1	1	1	1	1	42	8.4	8.4	8.4	8.4	8.4	12	9	8	9	8
2	1SV15IS002	Chetana K S	6	15	15	6	8	7	8	7	1	1	1	1	1	34	6.8	6.8	6.8	6.8	6.8	7	9	8	9	8
3	1SV15IS005	Hemashree	14	14	14	14	7	7	7	7	1	1	1	1	1	40	8	8	8	8	8	15	8	8	8	8
4	1SV15IS007	Lakshmidevi	14	14	AB	14	7	7	0	0	1	1	1	1	1	38	7.6	7.6	7.6	7.6	7.6	15	8	8	1	1
5	1SV15IS008	Madhan J	7	14	2	7	7	7	1	1	1	1	1	1	1	28	5.6	5.6	5.6	5.6	5.6	8	8	8	2	2
6	1SV15IS010	Nithin S D	11	15	15	11	8	7	8	7	1	1	1	1	1	39	7.8	7.8	7.8	7.8	7.8	12	9	8	9	8
7	1SV15IS011	Niveditha S	10	15	15	10	8	7	8	7	1	1	1	1	1	38	7.6	7.6	7.6	7.6	7.6	11	9	8	9	8
8	1SV15IS015	Shravya p	11	11	11	11	6	5	7	6	1	1	1	1	1	32	6.4	6.4	6.4	6.4	6.4	12	7	6	8	7
9	1SV15IS017	Sushanth A Jain	5	15	1	5	8	7	1	0	1	1	1	1	1	31	6.2	6.2	6.2	6.2	6.2	6	9	8	2	1
10	1SV15IS018	Tejashree N	8	15	15	8	8	7	8	7	1	1	1	1	1	34	6.8	6.8	6.8	6.8	6.8	9	9	8	9	8
11	1SV15IS019	Varshitha R	A	14	15	0	7	7	8	7	1	1	1	1	1	31	6.2	6.2	6.2	6.2	6.2	1	8	8	9	8
																					AVG	9.82	8.45	7.82	6.82	6.09
																					PERC	30.7	26.4	24.4	21.3	19

Signature of Staff

Department of Information Science and Engineering

COURSE OUTCOME

CO1. Interpret the impact and challenges posed by IOT networks leading to new architectural models.
CO2. Compare and contrast the deployment of smart objects and the technologies to connect them to network
CO3. Appraise the role of IOT protocols for efficient network communication
CO4. Elaborate the need for Data Analytics and Security in IOT.
CO5. Illustrate different sensor technologies for sensing real world entities and identify the applications of IOT in Industry.

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.
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. RAGHUNANDAN R				
BRANCH	ISE	ACADEMIC YEAR	2018-19		
COURSE	B.E	SEMESTER	VIII	SECTION	
SUBJECT	INTERNET OF THINGS	SUBJECT CODE	15CS81		

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		
CO2	2	2											2		
CO3	2	2											1		
CO4		1				2							1		
CO5	2	2											2	1	
Average	2.25	1.75				2							1.4		

CO AND PO ATTAINMENT

ATTAINMENT TABLE															
Cos	AVG	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	64.9	1.92												0.64		
CO2	62.9	1.25	1.25											1.25		
CO3	56.9	1.13	1.13											0.56		
CO4	53.4		0.53				1.06							0.53		
CO5	50.4	1.00	1.00											1.00	0.50	
AVERAGE		1.32	0.97				1.06							0.79	0.50	

Raghunandan R
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SHRIDEVI INSTITUTE OF ENGINEERING &TECHNOLOGY

Department of Information Science & Engg

Average Internals Marks & Attendance Report(EVEN SEM) 2018-19

Roll No	USN	Name	15CS81			SEM: 8					2018-2019				EVEN	FACULTY:Mr. Raghunandan R											TOTAL AVG
			SUB:IOT			T1	T2		T3		ASSIGNMENT S/S					EXTERNAL						Final					
			T1	T2	T3	CO1-15	CO2-7	CO3-8	CO4-7	CO5-8	CO1	CO2	CO3	CO4	CO5	SEE(60)	CO1-12	CO2-12	CO3-12	CO4-12	CO5-12	CO1-28	CO2-20	CO3-21	CO4-20	CO5-21	
1	1SV15IS001	Bhoomika B S	12	14	15	12	7	7	7	8	1	1	1	1	1	35	7	7	7	7	7	20	15	15	15	16	16.2
2	1SV15IS002	Chetana K S	11	11	5	11	5	6	2	3	1	1	1	1	1	23	4.6	4.6	4.6	4.6	4.6	16.6	10.6	11.6	7.6	8.6	11
3	1SV15IS005	Hemashree	13	12	9	13	6	6	5	4	1	1	1	1	1	28	5.6	5.6	5.6	5.6	5.6	19.6	12.6	12.6	11.6	10.6	13.4
4	1SV15IS007	Lakshmidevi	12	12	14	12	6	6	7	7	1	1	1	1	1	33	6.6	6.6	6.6	6.6	6.6	19.6	13.6	13.6	14.6	14.6	15.2
5	1SV15IS008	Madhan J	12	12	6	12	6	6	3	3	1	1	1	1	1	21	4.2	4.2	4.2	4.2	4.2	17.2	11.2	11.2	8.2	8.2	11.2
6	1SV15IS010	Nithin S D	11	12	9	11	6	6	6	3	1	1	1	1	1	24	4.8	4.8	4.8	4.8	4.8	16.8	11.8	11.8	11.8	8.8	12.2
7	1SV15IS011	Niveditha S	12	14	15	12	7	7	7	8	1	1	1	1	1	35	7	7	7	7	7	20	15	15	15	16	16.2
8	1SV15IS015	Shravya p	9	12	8	9	6	6	4	4	1	1	1	1	1	22	4.4	4.4	4.4	4.4	4.4	14.4	11.4	11.4	9.4	9.4	11.2
9	1SV15IS017	Sushanth A Jain	13	13	4	13	7	6	2	2	1	1	1	1	1	21	4.2	4.2	4.2	4.2	4.2	18.2	12.2	11.2	7.2	7.2	11.2
10	1SV15IS018	Tejashree N	11	7	10	11	4	3	5	5	1	1	1	1	1	29	5.8	5.8	5.8	5.8	5.8	17.8	10.8	9.8	11.8	11.8	12.4
11	1SV15IS019	Varshitha R	12	12	AB	12	9	3	0	0	1	1	1	1	1	21	4.2	4.2	4.2	4.2	4.2	17.2	14.2	8.2	5.2	5.2	10
																						17.945	12.6	11.9	10.7	10.6	
																						64.091	62.9	56.9	53.4	50.4	