



Sri Indu Institute of Engineering & Technology

Recognized Under 2(f) of UGC Act 1956

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Affiliated to JNTUH, Hyderabad.

COURSE FILE

ON

Software Testing Methodologies Lab

Course Code - CS615PE

III B.Tech II-SEMESTER

A.Y.: 2022-2023

Prepared by

Mrs.S.AKHILA

Assistant Professor

B. Rakha Kaul
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SRI INDU INSTITUTE OF ENGG & TECH.
Sheriguda(V), Ibrahimpatnam(M), R.R.Dist-501 10.

PRINCIPAL
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Sheriguda(VIII), Ibrahimpatnam
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year	2022-2023
Course Title	SOFTWARE TESTING METHODOLOGIES LAB
Course Code	CS615PE
Room No	A-205
Name of the lab incharge	Mr.C.H.Srinivas
Name of the faculty incharge	Mrs.S.AKHILA, Assistant Professor

Index of Course File

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INSTITUTE VISION AND MISSION

Vision:

To become a premier institute of academic excellence by providing the world class education that transforms individuals into high intellectuals, by evolving them as empathetic and responsible citizens through continuous improvement.

Mission:

IM1: To offer outcome-based education and enhancement of technical and practical skills.

IM2: To continuous assess of teaching-learning process through institute-industry collaboration..

IM3: To be a centre of excellence for innovative and emerging fields in technology development with state-of-art facilities to faculty and students fraternity.

IM4: To create an enterprising environment to ensure culture, ethics and social responsibility among the stakeholders

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

DEPARTMENT VISION AND MISSION

Vision:

To become a prominent knowledge hub for learners, strive for educational excellence with innovative and industrial techniques so as to meet the global needs.

Mission:

- DM1 :** To provide ambience that enhances innovations, problem solving skills, leadership qualities, decision making, team-spirit and ethical responsibilities.
- DM2 :** To impart quality education with professional and personal ethics, so as to meet the challenging technological needs of the industry and society.
- DM3 :** To provide academic infrastructure and develop linkage with the world class organizations to strengthen industry-academia relationships for learners.
- DM4 :** To provide and strengthen new concepts of research in the thrust area of Computer Science and Engineering to reach the needs of Government and Society.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PROGRAM EDUCATIONAL OBJECTIVES

- PEO1:** To develop trained graduates with strong academic and technical skills of modern computer science and engineering.
- PEO2:** To promote trained graduates with leadership qualities and the ability to solve real time problems using current techniques and tools in interdisciplinary environment.
- PEO3:** To motivate the graduates towards lifelong learning through continuing education and professional development.

PROGRAM SPECIFIC OUTCOMES

- PSO1 : Professional Skills:** To implement computer programs of varying complexity in the areas related to Web Design, Cloud Computing, Network Security and Artificial Intelligence.
- PSO2: Problem-Solving Skills:** To develop quality products using open ended programming environment.

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PROGRAMME OUTCOMES (POs)

- PO1: Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- PO2: Problem analysis:** Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- PO3: Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- PO4: Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to 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 with an understanding of the limitations.
- PO6: The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- 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 society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PO11: Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO12: Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

COURSE STRUCTURE
III YEAR SYLLABUS (R18 Regulations)

Applicable from Academic Year: 2022-23 Batch

III Year I Semester

S.No.	Course Code	Course Title	L	T	P	Credits
1	CS501PC	Formal Languages & Automata Theory	3	0	0	3
2	CS502PC	Software Engineering	3	0	0	3
3	CS503PC	Computer Networks	3	0	0	3
4	CS504PC	Web Technologies	3	0	0	3
5		Professional Elective-I	3	0	0	3
6		Professional Elective-II	3	0	0	3
7	CS505PC	Software Engineering Lab	0	0	3	1.5
8	CS506PC	Computer Networks & Web Technologies Lab	0	0	3	1.5
9	EN508HS	Advanced Communication Skills Lab	0	0	2	1
10	*MC510	Intellectual Property Rights	3	0	0	0
		Total Credits	21	0	8	22

III Year II Semester

S.No.	Course Code	Course Title	L	T	P	Credits
1	CS601PC	Machine Learning	3	1	0	4
2	CS602PC	Compiler Design	3	1	0	4
3	CS603PC	Design and Analysis of Algorithms	3	1	0	4
4	CS615PE	Software Testing Methodologies	3	0	0	3
5		Open Elective-I	3	0	0	3
6	CS604PC	Machine Learning Lab	0	0	3	1.5
7	CS605PC	Compiler Design Lab	0	0	3	1.5
8	CS615PE	Software Testing Methodologies Lab	0	0	2	1
9	*MC609	Environmental Science	3	0	0	0
		Total Credits	18	3	8	22



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SOFTWARE TESTING METHODOLOGIES LABORATORY

(Course Code: CS615PE)

B.Tech. III Year II Sem.

L T P C

0 0 2 1

Prerequisites: A basic knowledge of programming.

Course Objectives:

- To provide knowledge of Software Testing Methods.
- To develop skills in software test automation and management using latest tools.

Course Outcomes: After learning the contents of this paper the student must be able to

- Design and develop the best test strategies in accordance to the development model.

List of experiments:

1. Recording in context sensitive mode and analog mode
2. GUI checkpoint for single property
3. GUI checkpoint for single object/window
4. GUI checkpoint for multiple objects
5. a) Bitmap checkpoint for object/window
b) Bitmap checkpoint for screen area
6. Database checkpoint for Default check
7. Database checkpoint for custom check
8. Database checkpoint for runtime record check
9. a) Data driven test for dynamic test data submission
b) Data driven test through flat files
c) Data driven test through front grids
d) Data driven test through excel test
10. a) Batch testing without parameter passing
b) Batch testing with parameter passing
11. Data driven batch
12. Silent mode test execution without any interruption
13. Test case for calculator in windows application



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COURSE OUTCOMES

Course Name: Software Testing Methodologies Lab(C328)

At the End of the course, student will be able to

CO No	DESCRIPTION
C328.1	Identify Recording in context sensitive mode and analog mode. (Knowledge)
C328.2	Analyze the GUI checkpoint for single property, object/window, multiple objects. (Analysis)
C328.3	Identify Bitmap checkpoint for object/window, screen area(Knowledge)
C328.4	Summarize Database checkpoint for Default check, custom check, runtime record check(Evaluation)
C328.5	Identify Data driven test through flat files, excel test(Knowledge)
C328.6	Recognize Batch testing without parameter passing, with parameter passing. (Knowledge)

COs and POs & PSOs Mapping

Course Outcome	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS 01	PS 02
C328.1	3	3	3	-	2	-	-	-	2	-	-	2	-	-
C328.2	3	-	3	-	2	-	-	-	3	-	-	3	-	-
C328.3	1	2	2	-	-	-	-	-	-	-	-	-	-	-
C328.4	2	1	2	-	-	-	-	-	-	-	-	-	-	-
C328.5	2	3	-	-	-	-	-	-	-	-	-	-	-	-
C328.6	2	2	-	-	-	-	-	-	-	-	-	-	-	-
PO Avg	2.2	2.2	2.5	-	2.0	-	-	-	2.5	-	-	2.5	-	-

3-High

2-Medium

1-Low



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Software Testing Methodologies LAB

LIST OF EXPERIMENTS AND THEIR CO, PO MAPPING

S.No	Name of The Experiment	CO	PO
1	Recording in context sensitive mode and analog mode	1	1,2,3,5,9,12
2	GUI checkpoint for single property.	2	1,3,5,9,12
3	GUI checkpoint for single object/window.	2	1,3,5,9,12
4	GUI checkpoint for multiple objects	2	1,3,5,9,12
5	a)Bitmap checkpoint for object/window. b)Bitmap checkpoint for screen area.	3	1,2,3
6	Database checkpoint for Default check.	4	1,2,3
7	Database checkpoint for custom check.	4	1,2,3
8	Database checkpoint for runtime record check.	4	1,2,3
9	a) Data driven test for dynamic test data submission b) Data driven test through flat files c) Data driven test through front grids d) Data driven test through excel test	5	1,2
10	a) Batch testing without parameter passing. b) Batch testing with parameter passing.	5	1,2
11	Data driven batch.	5	1,2
12	Silent mode test execution without any interruption.	6	1,2
13	Test case for calculator in windows application.	6	1,2

Faculty In-charge



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TIME TABLE FOR A.Y 2022-23

Class: III-B. Tech CSE -C

Semester: II

LH. NO: A-208

W.E.F:13-02-2023

Period/ Day	1 9:40-10:30	2 10:30-11:20	3 11:20-12:10	4 12:10-1:00	1:00- 1:30	5 1:30-2:20	6 2:20-3:10	7 3:10-4:00
Monday	CD	STM LAB(BATCH-I)/CD LAB(BATCH-II)			L U N C H	STM	DAA	SPORTS
Tuesday	ML/DAA(T)	CD	FIOT	LIB/ES		FIOT	CO-C/SS/DAA	
Wednesday	DAA	INT/ES	CD/ML(T)	STM		COUN/ES	STM	DAA
Thursday	ML	FIOT	STM	DAA/ML(T)		ML LAB(BATCH-II)/CD LAB(BATCH-I)		
Friday	FIOT	ML LAB(BATCH-I)/STM LAB(BATCH-II)				DAA	CD	ML
Saturday	CD	DAA	STM	FIOT		ML		CD

(T) – Tutorial (concern faculty)

Subject Code	Subject Name	Name of the Faculty	Subject Code	Subject Name	Name of the Faculty
CS601PC	Machine Learning	Mrs P H Swarna Rekha		Fundamentals of Internet of Things	Mrs J Pujitha
CS602PC	Compiler Design	Ms K Mounika	CS604PC	Machine Learning Lab	Mrs P H Swarna Rekha/ Mrs J Pujitha/ K.Manmadha
CS603PC	Design and Analysis of Algorithms	Mrs.A.Sudha	CS605PC	Compiler Design Lab	Ms K Mounika / Mrs.A.Sudha/ P.Swathi
CS615PE	Software Testing Methodologies	Mrs S Akhila	CS625PE	Software Testing Methodologies Lab	Mrs S Akhila / Mrs. R.Sravanthi / CH.Sai Vijaya
	CO-C/SS/DAA/ Cyber Security	Mrs.A.Sudha	LIB	Library	Mrs.A.Sudha
Sports	Sports	Mr A Vijay Kumar	COUN	Counselling	Mrs J Pujitha
Internet	Internet	Mrs J Pujitha	CS601PC	Machine Learning	Mr M Dattatreya Goud (Adjunct)
			MC609	Environmental Science(LE)	Mrs P Swathi
Class In-Charge : Mrs J Pujitha		Mentor 1 : Mrs J Pujitha		Mentor 2: Ms K Mounika	

Class In-Charge

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Lab External Question paper

Year & Semester: I I I-II

Branch: CSE

Subject Name: Software Testing Methodologies Lab

Faculty Name: S.Akhila

S. No. QUESTIONS

1. Test case for calculator in windows application.
2. GUI checkpoint for single property.
3. GUI checkpoint for single object/window.
4. GUI checkpoint for multiple objects.
5. a)Bitmap checkpoint for object/window.
b)Bitmap checkpoint for screen area.
6. Database checkpoint for Default check.
7. Database checkpoint for custom check.
8. Database checkpoint for runtime record check.
9. a) Data driven test for dynamic test data submission
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STM Lab External TimeTable Examination Branch

A.Y. : 2022-23

SEM-II

Date	Day	Branch	Session	HT.No	Total No. of Students
3/7/2023	MONDAY	CSE-A	FN	20X31A0501 TO 20X31A0560 & 21X35A0501 TO 21X35A0505	63
30/6/2023	FRIDAY	CSE-B	FN	20X31A0561 TO 20X31A05C0 & 21X35A0506 TO 21X35A0510	65
3/7/2023	MONDAY	CSE-C	FN	20X31A05C1 TO 20X31A05H4 & 21X35A0511 TO 21X35A0517	56

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STM Lab External TimeTable With Examiner

A.Y. : 2022-23

SEM-II

SRI INDU INSTITUTE OF ENGINEERING & TECHNOLOGY					
III-B.TECH II-SEM LAB EXTERNAL EXAMINATIONS EXAMS, JULY-2023					
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING					
TIMINGS FN: 10:00 AM TO 12:30 PM AN: 1:30PM TO 4:00PM					
S.NO	YEAR/ SEC	NAME OF THE LAB	DATE & SESSION	NAME OF THE INTERNAL EXAMINER	NAME OF THE EXTERNAL EXAMINER & COLLEGE
1	CSE-A	Compiler Design Lab	4/7/2023-FN	Dr.D.Sasi Kumar	Mr.P.Thirumal Reddy- VIGNAN
2		STM Lab	3/7/2023-FN	Mrs.E.Rupa	Mr.L.Balaji -VIGNAN
3		Machine learning Lab	30/06/2023-FN	Mrs.N.Shilpa	Dr.Muralidhar -VIGNAN
4	CSE-B	Compiler Design Lab	3/7/2023-AN	Ms.S.Anitha	Dr.G.Janardhan--VIGNAN
5		STM Lab	30/06/2023-FN	Mrs.R.Sravanthi	Mrs.Archana--VIGNAN
6		Machine learning Lab	4/7/2023-AN	Dr.B.G. obula Reddy	Dr.Manoj Kumar -VIGNAN
7	CSE-C	Compiler Design Lab	4/7/2023-AN	Ms.K.Mounika	Mr.K.Srinivas -VIGNAN
8		STM Lab	3/7/2023-FN	Mrs.S.Akhila	Mrs.Ravali -VIGNAN
9		Machine learning Lab	30/06/2023-AN	Mrs.P H Swarna Kekha	Mr.K.Manesh -VIGNAN

B. Ramesh Kumar
HOD

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LAB OCCUPANCY CHART

Software testing Methodologies LAB

ROOM NO:A-205

BLOCK:A

FLOOR:2

	I 9:40-10:30	II 10:30-11:20	III 11:20-12:10	IV 12:10-1:00	LUNCH	V 1:30-2:20	VI 2:20-3:10	VII 3:10-4:00
MON		III BTECH II SEM CSE-C				III BTECH II SEM CSE-A		
TUE								
WED						III BTECH II SEM CSE-B		
THU		III BTECH II SEM CSE-A						
FRI		III BTECH II SEM CSE-C						
SAT		III BTECH II SEM CSE-B						

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SOFTWARE TESTING METHODOLOGIES LAB

Do's and Don'ts

Do's

1. Come with completed observation and record.
2. Remove your shoes or wear foot socks before you enter the lab.
3. Always keep quiet. Be considerate to other lab users.
4. Report any problems with the computer to the person in charge.
5. Shut down the computer properly.
6. Wear ID card before entering into the lab.
7. Read and understand how to carry out an activity thoroughly before coming to the lab.
8. Write In time, Out time and system details in the login register

Don'ts

1. Do not touch any part of the computer with wet hands.
2. Do not change system settings.
3. Do not hit the keys on the computer too hard.
4. Don't damage, remove, or disconnect any labels, parts, cables or equipment.
5. Do not install or download any software or modify or delete any system files on any lab computers
6. Do not disturb your neighbouring students. They may be busy in completing tasks.
7. Do not remove anything from the computer laboratory without permission.
8. Do not use pen drives.



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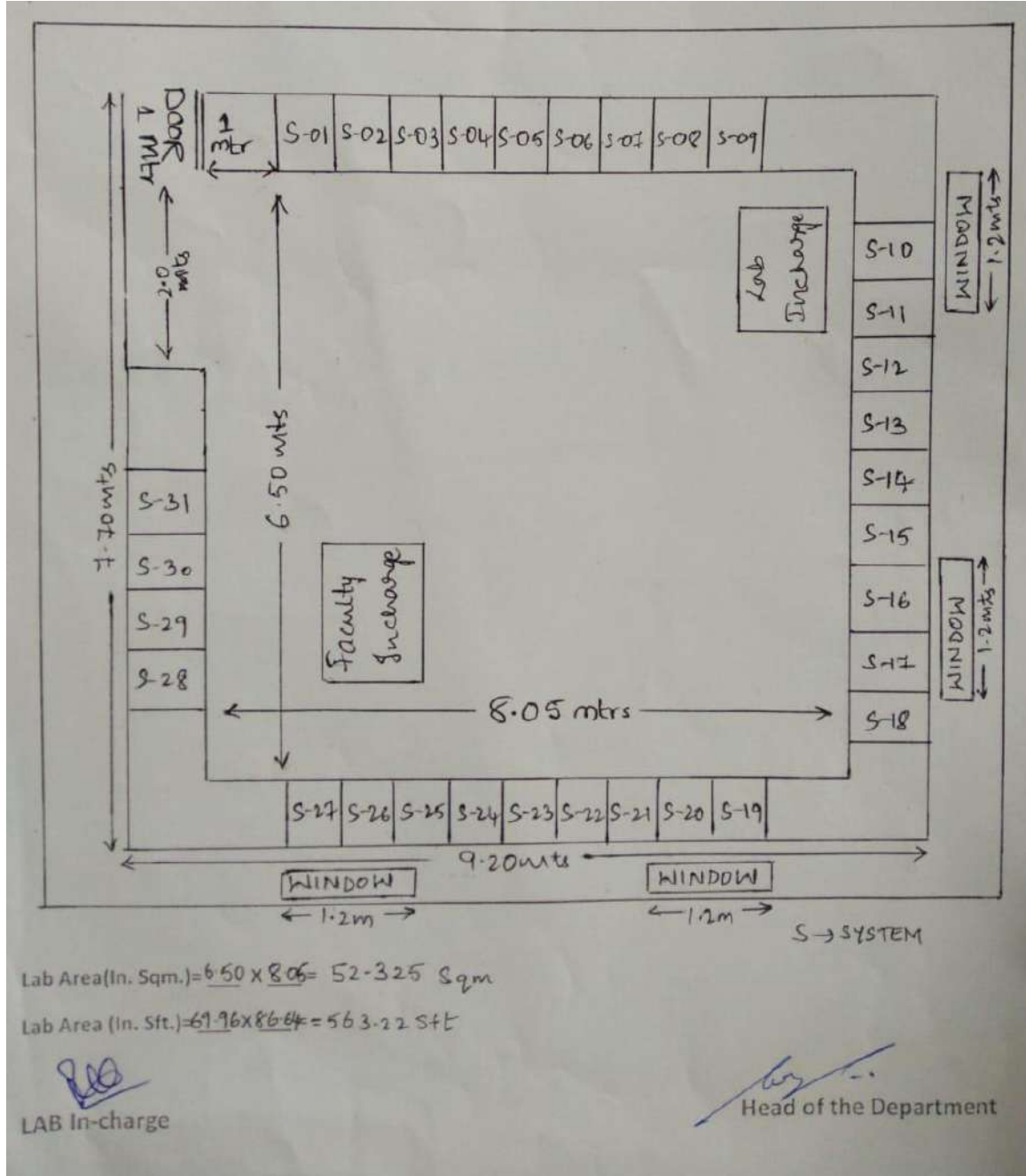
SOFTWARE TESTING METHODOLOGIES LAB

PHYSICAL LAB-7 FLOOR PLAN

ROOM NO:A-205

BLOCK:A

FLOOR:2





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Lab manual link

https://drive.google.com/file/d/13so-6AIWYc7a3fs0I3c_ckoXF1GEoyPz/view?usp=sharing



SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Computer Science And Engineering

Course Outcome Attainment (Internal Examination-1)

Name of the faculty : S.AKHILA 2022-23
 Branch & Section: CSE-C I Internal
 Course Name: SOFTWARE TESTING Year/Semester: III/II
 METHODOLOGIES LAB

S.No	HT No.	A+A+CD+MG	T+P+C+R	DDE
Max. Marks ==>		5	5	15
1	20X31A05C1	5	5	14
2	20X31A05C2	5	5	14
3	20X31A05C3	5	5	10
4	20X31A05C4	5	5	14
5	20X31A05C5	5	5	14
6	20X31A05C6	5	5	5
7	20X31A05C7	5	5	13
8	20X31A05C8	4	3	10
9	20X31A05D0	5	5	5
10	20X31A05D1	5	5	5
11	20X31A05D2	5	5	10
12	20X31A05D3	5	5	10
13	20X31A05D5	3	4	10
14	20X31A05D6	5	5	5
15	20X31A05D7	3	3	10
16	20X31A05D8	5	5	13
17	20X31A05D9	4	4	6
18	20X31A05E0	5	5	11
19	20X31A05E1	5	5	14
20	20X31A05E2	5	5	13
21	20X31A05E3	3	3	10
22	20X31A05E4	2	3	10
23	20X31A05E5	5	5	11
24	20X31A05E6	5	5	13
25	20X31A05E7	5	5	13
26	20X31A05E8	3	3	10
27	20X31A05F0	5	5	12
28	20X31A05F1	5	5	12
29	20X31A05F2	3	2	10
30	20X31A05F3	5	5	14
31	20X31A05F4	5	5	14
32	20X31A05F5	5	5	11
33	20X31A05F6	5	5	13
34	20X31A05F7	5	4	10
35	20X31A05F8	5	5	5
36	20X31A05G0	5	5	13
37	20X31A05G1	4	3	10
38	20X31A05G2	5	5	5
39	20X31A05G3	5	5	11
40	20X31A05G4	5	5	10

41	20X31A05G6	5	5	10
42	20X31A05G7	5	5	10
43	20X31A05G8	4	3	7
44	20X31A05G9	5	5	14
45	20X31A05H0	4	4	10
46	20X31A05H1	5	5	11
47	20X31A05H2	5	5	5
48	20X31A05H3	3	4	10
49	20X31A05H4	5	5	13
50	21X35A0511	4	4	10
51	21X35A0512	5	5	12
52	21X35A0513	5	5	11
53	21X35A0514	5	5	10
54	21X35A0515	5	5	5
55	21X35A0516	5	5	14
56	21X35A0517	4	5	10
57				
58				
59				
60				
Target set by the faculty / HoD		3.00	3.00	9.00
Number of students performed above the target		55	55	46
Number of students attempted		56	56	56
Percentage of students scored more than target		98%	98%	82%

CO Mapping with Exam Questions:

CO - 1	y	y	Y
CO - 2	y	y	Y
CO - 3	y	y	Y
CO - 4	y	y	Y
CO - 5	y	y	Y
CO - 6	y	y	Y

CO Attainment based on Exam Questions:

CO - 1	98%	98%	82%
CO - 2	98%	98%	82%
CO - 3	98%	98%	82%
CO - 4	98%	98%	82%
CO - 5	98%	98%	82%
CO - 6	98%	98%	82%

CO	Intrnal practical	DDE	Overall	Level	Attainment Level	
CO-1	98%	82%	90%	3	1	60%
CO-2	98%	82%	90%	3	2	70%
CO-3	98%	82%	90%	3	3	>80%
CO-4	98%	82%	90%	3		
CO-5	98%	82%	90%	3		
CO-6	98%	82%	90%	3		

Attainment (Internal 1 Examination) = **3**



SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Computer Science And Engineering

Course Outcome Attainment (Internal Examination-2)

Name of the faculty : S.AKHILA 2022-23
Branch & Section: CSE-C II Internal
Course Name: SOFTWARE TESTING Semester: III/II
METHODOLOGIES LAB

S.No	HT No.	A+A+CD+MG	T+P+C+R	DDE
Max. Marks ==>		5	5	15
1	20X31A05C1	5	5	14
2	20X31A05C2	5	5	14
3	20X31A05C3	5	5	10
4	20X31A05C4	5	5	14
5	20X31A05C5	5	5	14
6	20X31A05C6	5	5	5
7	20X31A05C7	5	5	13
8	20X31A05C8	4	3	10
9	20X31A05D0	5	5	5
10	20X31A05D1	5	5	5
11	20X31A05D2	5	5	10
12	20X31A05D3	5	5	10
13	20X31A05D5	3	4	10
14	20X31A05D6	5	5	5
15	20X31A05D7	3	3	10
16	20X31A05D8	5	5	13
17	20X31A05D9	4	4	6
18	20X31A05E0	5	5	11
19	20X31A05E1	5	5	14
20	20X31A05E2	5	5	13
21	20X31A05E3	3	3	10
22	20X31A05E4	2	3	10
23	20X31A05E5	5	5	11
24	20X31A05E6	5	5	13
25	20X31A05E7	5	5	13
26	20X31A05E8	3	3	10
27	20X31A05F0	5	5	12
28	20X31A05F1	5	5	12
29	20X31A05F2	3	2	10
30	20X31A05F3	5	5	14
31	20X31A05F4	5	5	14
32	20X31A05F5	5	5	11
33	20X31A05F6	5	5	13
34	20X31A05F7	5	4	10
35	20X31A05F8	5	5	5
36	20X31A05G0	5	5	13
37	20X31A05G1	4	3	10
38	20X31A05G2	5	5	5
39	20X31A05G3	5	5	11
40	20X31A05G4	5	5	10

41	20X31A05G6	5	5	10
42	20X31A05G7	5	5	10
43	20X31A05G8	4	3	7
44	20X31A05G9	5	5	14
45	20X31A05H0	4	4	10
46	20X31A05H1	5	5	11
47	20X31A05H2	5	5	5
48	20X31A05H3	3	4	10
49	20X31A05H4	5	5	13
50	21X35A0511	4	4	10
51	21X35A0512	5	5	12
52	21X35A0513	5	5	11
53	21X35A0514	5	5	10
54	21X35A0515	5	5	5
55	21X35A0516	5	5	14
56	21X35A0517	4	5	10
57				
58				
59				
60				
Target set by the faculty / HoD		3.00	3.00	9.00
Number of students performed above the target		55	55	46
Number of students attempted		56	56	56
Percentage of students scored more than target		98%	98%	82%

CO Mapping with Exam Questions:

CO - 1	y	y	Y
CO - 2	y	y	Y
CO - 3	y	y	Y
CO - 4	y	y	Y
CO - 5	y	y	Y
CO - 6	y	y	Y

CO Attainment based on Exam Questions:

CO - 1	98%	98%	82%
CO - 2	98%	98%	82%
CO - 3	98%	98%	82%
CO - 4	98%	98%	82%
CO - 5	98%	98%	82%
CO - 6	98%	98%	82%

CO	Intrnal practica	DDE	Overall	Level
CO-1	98%	82%	90%	3
CO-2	98%	82%	90%	3
CO-3	98%	82%	90%	3
CO-4	98%	82%	90%	3
CO-5	98%	82%	90%	3
CO-6	98%	82%	90%	3

Attainment Level	
1	60%
2	70%
3	>80%

Attainment (Internal 2 Examination) = **3**



SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Computer Science And Engineering

Course Outcome Attainment (University Examinations)

Name of the faculty : S.AKHILA

Academic Year:

2022-23

Branch & Section: CSE-C

Year / Semester:

III/II

Course Name: SOFTWARE TESTING METHODOLOGIES LAB

S.No	Roll Number	Marks Secured
1	20X31A05C1	70
2	20X31A05C2	70
3	20X31A05C3	70
4	20X31A05C4	71
5	20X31A05C5	70
6	20X31A05C6	60
7	20X31A05C7	70
8	20X31A05C8	62
9	20X31A05D0	62
10	20X31A05D1	63
11	20X31A05D2	70
12	20X31A05D3	70
13	20X31A05D5	60
14	20X31A05D6	61
15	20X31A05D7	62
16	20X31A05D8	70
17	20X31A05D9	
19	20X31A05E0	70
20	20X31A05E1	70
21	20X31A05E2	70
22	20X31A05E3	68
23	20X31A05E4	60
24	20X31A05E5	70
25	20X31A05E6	70
26	20X31A05E7	71
27	20X31A05E8	60
28	20X31A05F0	70
29	20X31A05F1	70
30	20X31A05F2	61
31	20X31A05F3	70
32	20X31A05F4	70
33	20X31A05F5	70
34	20X31A05F6	70
35	20X31A05F7	70

S.No	Roll Number	Marks Secured
36	20X31A05F8	62
37	20X31A05G0	70
38	20X31A05G1	65
39	20X31A05G2	65
40	20X31A05G3	71
41	20X31A05G4	71
42	20X31A05G6	71
43	20X31A05G7	70
44	20X31A05G8	61
45	20X31A05G9	70
46	20X31A05H0	63
47	20X31A05H1	71
48	20X31A05H2	63
49	20X31A05H3	65
50	20X31A05H4	70
51	21X35A0511	70
52	21X35A0512	70
54	21X35A0513	70
55	21X35A0514	65
56	21X35A0515	65
57	21X35A0516	70
58	21X35A0517	71
59	0	
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		

Max Marks 75

Class Average mark	#DIV/0!
Number of students performed above the target	0
Number of successful students	55
Percentage of students scored more than target	0%
Attainment level	1

Attainment Level	% students
1	40%
2	50%
3	>60%



SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Computer Science And Engineering

Course Outcome Attainment

Name of the faculty : S.AKHILA

Academic Year: 2022-23

Branch & Section: CSE-C

Examination: I Internal

Course Name:

Year: III

Software Testing Methodologies Lab

Semester: II

Course Outcomes	1st Internal Exam	2nd Internal Exam	Internal Exam	University Exam	Attainment Level
CO1	3.00	3.00	3.00	1.00	2.40
CO2	3.00	3.00	3.00	1.00	2.40
CO3	3.00	3.00	3.00	1.00	2.40
CO4	3.00	3.00	3.00	1.00	2.40
CO5	3.00	3.00	3.00	1.00	2.40
CO6	3.00	3.00	3.00	1.00	2.40
Internal & University Attainment:			3.00	1.00	
Weightage			70%	30%	
CO Attainment for the course (Internal, University)			2.10	0.30	
CO Attainment for the course (Direct Method)			2.40		

Overall course attainment level

2.40



SRI INDU INSTITUTE OF ENGINEERING & TECHNOLOGY

Department of Computer Science And Engineering

Program Outcome Attainment (from Course)

Name of Faculty: S.AKHILA Academic Year: 2022-23
 Branch & Section: CSE-C Year: III
 Course Name: Software Testing Methodologies Iat Semester: II

CO-PO mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	3	3	-	2	-	-	-	2	-	-	2	-	-
CO2	3	-	3	-	2	-	-	-	3	-	-	3	-	-
CO3	1	2	2	-	-	-	-	-	-	-	-	-	-	-
CO4	2	1	2	-	-	-	-	-	-	-	-	-	-	-
CO5	2	3	-	-	-	-	-	-	-	-	-	-	-	-
CO6	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Course	2.2	2.2	2.5	-	2	-	-	-	2.5	-	-	2.5	-	-

CO	Course Outcome Attainment
	2.40
CO1	2.40
CO2	2.40
CO3	2.40
CO4	2.40
CO5	2.40
CO6	2.40
Overall course attainment level	2.40

PO-ATTAINMENT

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO Attainment	1.76	1.76	2.00		1.60				2.00		1.60	2.00

CO contribution to PO - 33%, 67%, 100% (Level 1/2/3)

