

Sreenidhi Institute of Science and Technology
Department of Computer Science and Engineering
B.Tech Computer Science and Engineering

Name of the lab: Software Testing Lab

Lab Number: 4109/4109A

Number of systems: 36+54=90

HARDWARE DETAILS

S.NO	NAME OF THE HARDWARE	MANUFACTURER
1	Make	HP
2	Model	HP 5750, HP 280 G2 MT
3	Memory	2 GB RAM, 4 GB RAM
4	Processor	AMD ATHLON(TM) 64*2 DUAL CORE PROCESSOR 5200 + 2.60 GHZ, Intel(R) Core(TM) i3-6100 CPU @ 3.70GHz 3.70 GHz
5	Hard Disk(HDD)	160GB, 1TB
6	SMPS	ATX
7	Monitor	HP
8	Keyboard	HP
9	Mouse	HP

SOFTWARE DETAILS

S.NO	NAME OF THE SOFTWARE	SOURCE
1	PUTTY	OPEN SOURCE
2	WINDOWS OPERATING SYSTEM	LICENCED
3	HP Unified Functional Testing	LICENCED
4	Turbo C++	OPEN SOURCE

List of Experiments in Software Testing Lab

Week 1

1. Write programs in 'C' Language to demonstrate the working of the following constructs:
i) do...while ii) while...do iii) if ...else iv) switch v) for
2. A program written in 'C' language for matrix multiplication fails” Introspect the causes for its failure and write down the possible reasons for its failure.

Week 2

3. Take any system (e.g. ATM system) and study its system specifications and report the various bugs.
4. Write the test cases for any known application (Ex: Banking application)

Week 3 &4

5. Create a test plan document for any application (Ex: Internet Banking Application)
6. Overview of any Test Management Tools (Open source testing tool : Ex - Test Link)

Week 5 to 10

7. Study of any Functional and Regression Testing Tools:
i) Open source Tool: SoapUI
ii) Licensed Tool: UFT 12.01

Week 11 & 12

8. Study of any bug tracking tool (open source testing tool : Bugzilla)
9. Overview of Performance Testing Tools (Open source testing tool : Apache Jmeter)
10. Study of Selenium IDE (open source testing tool)

