Paper Cade: BCADSE 6.6	**Paper title:** Software Testing Lab	**Teaching Hours** – 4hrs/week
	Marks: Th-40+IA-10	**Credits:** 2

Section A:

1. Write and test a program to login a specific web page. Use Selenium IDE to record Test Scripts for "Successful Login" as well "Login Fail". Run the Test Suite.
2. Write a program(C/C++/Java) to test the following constructs. Use TestNG
    a. do...while
    b. if...else
    c. for loop
3. Black Box testing: (Functional Testing and performance Testing with database) Design a Web page to update the student record into the database and test the same.
4. Black Box testing: (Functional Testing and performance Testing) Design a web page to provide the total number of objects present / available on the page and test the same.
5. Black Box testing: (Load Testing) Design a web page to get the count of visitors who visit your web page.

Section B:

1. White Box Testing: Code Coverage- JaCoCo Write a Java program to compute the factorial of a given non-negative number using:
    a. Iterative Process
    b. Recursion
2. Produce the Coverage Information using the JaCoCo tool
3. Write and test a program to get the number of list items in a list / combo box.
4. Write and test a program to count number of check boxes on the page checked and unchecked count.
5. Write and test a program to update 10 student records into table into Excel file .
6. Write and test a program to select the number of students who have scored more than 60 in any one subject (or all subjects). (Use the same Worksheet)