

TCET/FRM/IP-02/09

Revision: A

Research based Bridge Course (RBC)Plan

Software testing tool: Selenium

Semester: VIII

Class: BE-CMPN(A+B)

Sr. No	Module No.	Lesson No.	Topics Planned (Technology to be used)	Teaching Aids Required	Planned / Completion Date	Resource Book Reference	Remarks
1	Module 1	L 3.1	Introduction to testing, types of testing	Whiteboard, Marker, PPT	11/1/18	1.1,2.1	
2		L 3.2	Difference between manual and Automated testing, Automation testing tools, use of automation testing	Whiteboard, Marker, PPT	18/1/18	1.1,2.1	
3	Module 2	L 3.3	Introduction to Selenium,	Whiteboard, Marker, PPT	25/1/18	1.1,2.1	
4		L 3.4	Exercise to manually test the College website and report errors.	Whiteboard, Marker, PPT	1/2/18	1.1,2.1	
5		L 4.1	Selenium Suite tools	Whiteboard, Marker, PPT	8/2/18	1.1,2.1	
6		L 4.2	Exercise to install Selenium IDE	Whiteboard, Marker, PPT	15/2/18	1.1,2.1	
7	Module 3	L 4.3	Basics of Selenium IDE, test with Selenium IDE	Whiteboard, Marker, PPT	22/2/18	1.1,2.1	
8		L 4.4	Introduction to Selenium Commands – Selenese	Whiteboard, Marker, PPT	1/3/18	1.1,2.1	
9		L 5.1	Create a Script Manually	Whiteboard, Marker, PPT	8/3/18	1.1,2.1	
10		L 5.2	Test		8/3/18		
11	Module 4	L 8.1	Hands-On	Whiteboard, Marker, PPT	15/3/18	1.2	
12		L 8.2	WebDriver Architecture	Whiteboard, Marker, PPT	15/3/18	1.2,2.1	

13		L 10.1	Selenium RC VsWebdriver	Whiteboard, Marker, PPT	22/3/18	1.2	
14	Module 5	L 10.2	Hands-On	Whiteboard, Marker, PPT	22/3/18	1.2,2.1,2.2	
15		L 10.3	Use of findElement() and findElements() methods in Webdriver	Whiteboard, Marker, PPT	29/3/18	1.2,2.1,2.2	
16		L 10.4	Interacting GUI objects using Webdriver	Whiteboard, Marker, PPT	5/4/18	1.2,2.1,2.2	
17		L 11.1	Architecture of Selenium grids	Whiteboard, Marker, PPT	12/4/18	1.2,2.1,2.2	
18	Module 6	L 11.2	Testcase writing for case study		12/4/18	1.2,2.1,2.2	
19		L 12.1	Testcase writing for case study		19/4/18	1.2,2.1,2.2	
20		L 12.2	Test		19/4/18		
Remark: Course:		Syllabus Coverage:		Practice Session:		Beyond Syllabus:	
No. of (lectures planned)/(lectures taken):20/							

Note:

1. Plan date and completion date should be in compliance.
2. Course are required to be taught with emphasis Text books, digital references etc.

1. Text Books:

- 1.1 Selenium Testing Tools Cookbook by UnmeshGundecha
- 1.2 Selenium Web Driver Practical guide by Satya Avasarala

2. Digital Reference:

- 2.1 <http://www.tutorialspoint.com/selenium/>
- 2.2 <http://www.guru99.com/first-selenium-test-script.html>

(sd/-)

Name & Signature of Faculty

Date:

(sd/-)

Signature of HOD

Date:

(sd/-)

Signature of Principal/Dean(Academic)

Date: