

## Two Days Workshop on “Software Automation Testing using SELENIUM”

Department of Computer Engineering organized two days workshop on “software Automation Testing using SELENIUM” for BE Computer Engineering students on 31/08/2018 & 01/09/2018(Friday and Saturday).

This Workshop was coordinated By Mr. K.R.Pathak & Resource Person for this workshop Mr. Suraj Bankar from AMDOCS, Pune.

This workshop was organized for Students to get practical Knowledge of Software testing (Manual and Automated Testing).session starts with Traditional way by introduction & Felicitation of Resource Person. Introduction of Resource Person was given By Jyoti Pawar, Student of BE Computer Engineering. Felicitation of Resource Person was done by Prof. M. B Wagh, HOD Department of Computer Engineering.

The session starts with Brief Introduction of Testing, Type of Testing, terms used during testing such as Test Plan, Test Case, Test Scenario, Test Suite , Test case Designing, software Testing Life Cycle Etc.



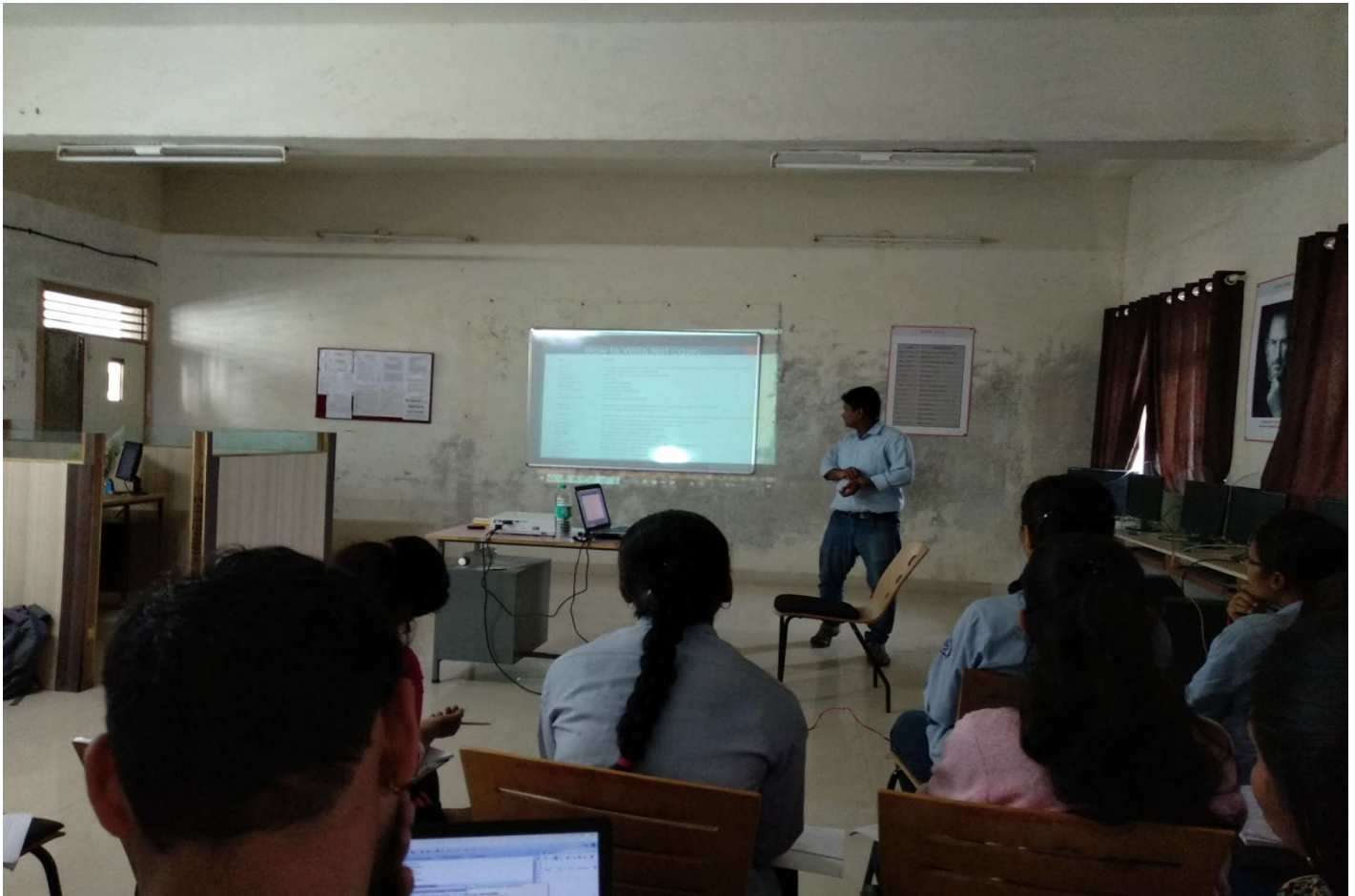
Felicitation of Mr.Suraj Bankar By , Prof. M.B.Wagh, HOD Computer Dept

The Schedule of This workshop as Below

S.No	Session Name	Points to Be covered	Time Required (Mins)
1	Introduction & Testing Concepts	Testing, Automation & Manual Testing, How to prepare Test Case & Plan, Regression testing	60/90
2	Setup(Eclipse and Java)	Eclipse installation, Set classpath, Jdk	15
3	Selenium IDE	Explanation and Limitation	15
4	Selenium Hands On with Assignment-1	Locators,Selenium Web driver,Property,Invoke Browser,Button,Drop-down,Radio-button,Label,Title,Wait(Implicit & Explicit wait),List(Collection of elements),Data	105/75
5	Assignment-2	Explanation , How student can do it? Its small assignment for students.	30
6	Questions	Answers	15
Total Duration			240



Session Conduction by Mr. Suraj Bankar



### Explanation of Concepts used In Practical

Later in session, How to Write Test cases was discussed .Discussion on fields used in Test case Template has discussed. Test case Template consists of Test Case ID, Test case Prerequisite .Main flow, alternate Flow, user of test case, Dependency etc . some sample test cases for application like face book, Amazon has discussed.

Later on Types of Testing like Functional Testing, Non functional Testing, Automation Testing and Maintenance Testing, Basics Assignments in Testing, Locators . Concept of Xpath has shown. How to Write Xpath by Using AND, OR Condition has shown and discussed.

Later on Concepts of SELENIUM IDE , Selenium Web Driver , How to invoke Browser, How to add Capabilities in Application has discussed and Demonstrated. Concepts of Frames, iframes, Popups, CSS has Discussed.

Later On How to Test Mouse Event, Actions can be performed using SELENIUM Web Driver is demonstrated.





Participants Attending Workshop

At The Last, Feedback From Participant Has Taken . At Votes of Thanks Done By Mr. Dhanraj Yadav, Student of BE Computer.