



**JSPM's BHIVRABAI SAWANT INSTITUTE OF TECHNOLOGY  
AND RESEARCH**  
Wagholi, Pune-412207.



**Department of Electronics & Telecommunication Engineering  
In Association with IETE-Pune Centre**



**A report on Two Days Workshop on “Python & Selenium”  
on 15/04/2022 to 16/04/2022**

<b>Objective</b>	<ul style="list-style-type: none"><li>• To Provide hands on training on “Python and Selenium”</li><li>• To help students to apply the technology in their projects and to the real world.</li><li>• To give awareness about recent trends in IT Industry and software testing(Selenium)</li></ul>
<b>Date of Conduction</b>	15 <sup>th</sup> April 2022 and 16 <sup>th</sup> April 2022
<b>Workshop Coordinators</b>	Prof. Amruta B. Kale and Prof. Amruta S. Dixit
<b>Resource Persons</b>	Mr. H.A.Warkar & Mr. Keshav Potdar from Vuclip Pvt. Ltd, Pune
<b>Lab Assistants</b>	Ms. Prajakta Lawande & Ms. Shivkanya Rasal
<b>Student Coordinators</b>	Mr. Santosh Prajapati and Mr. Amar Matkar
<b>Students Participated</b>	61 ( from E&TC Dept.)

The workshop on “Python & Selenium” for S.E. & T.E. (E&TC) students was arranged on 15<sup>th</sup> & 16<sup>th</sup> April 2022. Workshop faculty Coordinators **Prof. Amruta B. Kale and Prof. Amruta S. Dixit**; Lab Assistants **Ms. Prajakta Lawande & Ms. Shivkanya Rasal** and Student Coordinators **Mr. Santosh Prajapati (TE (E& TC)) and Amar Matkar (SE (E& TC))** took the initiative to accomplish this workshop successfully. Resource persons of this workshop were **Mr. H.A.Warkar** working as a Sr. Software Engineer & **Mr. Keshav Potdar** working as a QA Manager from **Vuclip Pvt.Ltd, Pune**. The E & TC department HoD **Dr. Y. S. Angal** and Principal **Dr. T. K. Nagaraj** encouraged students to actively participate in the workshop.



### **Inaugural Ceremony**

We have started first day with an inaugural ceremony, inaugural address by Dr. Yogesh Angal, Head, Department of Electronics & Telecommunication and key note address by Prof. Sunita Phadkule Member, IQAC, JSPM Group of Institutes & Dr. T.K. Nagaraj, Principal were invited for inaugural function.



**Dr. Y. S. Angal HOD (E&TC) felicitated Prof. Mrs. Sunita Phadkule, IQAC member of JSPM Group of Institutes.**

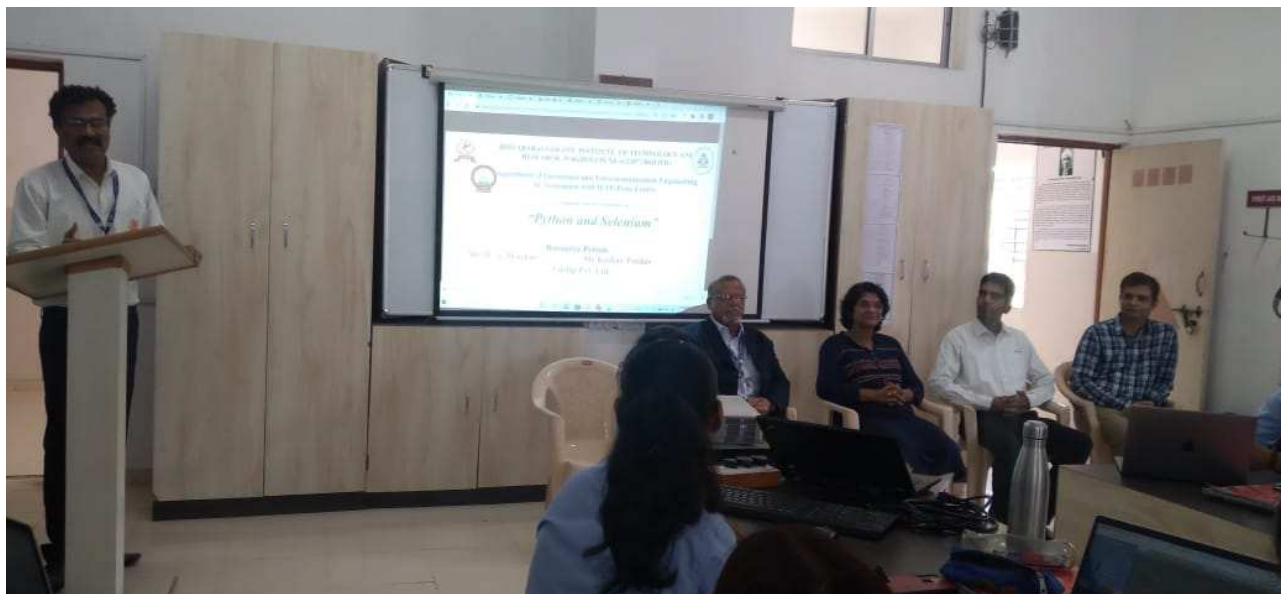


**Principal Dr T.K. Nagaraj, felicitated Resource Person Mr. Keshav Potdar**



**Principal Dr. T.K.Nagaraj, felicitated resource person Mr. H.A. Warkar**





**Welcome speech by Dr.Y.S.Angal (HoD of E & TC)**



**Importance of core branch and workshop explained by Prof. Sunita Phadkule**



**Principal Nagaraj sir motivated students to improve communication skill and participate in various workshops.**

## Details of Workshop

<b>Day 1</b>	<b>Session I</b>	<b>Time-8.30 am to 10.30am</b>
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Resource person elaborated the background and significance of Python and Selenium tools. Resource persons explained installation process of Python and Pycharm software. Also, they informed and installed different libraries required for the workshop. They helped the students who were facing difficulties in the installation of software.



### Software Installation

<b>Day 1</b>	<b>Session II</b>	<b>Time-10.45 am to 12.45 pm</b>
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In second session, the resource person delivered the details of fundamentals of Python, variables and data types in Python. Then he explained how to use software.



### Students Interaction In Session



<b>Day 1</b>	<b>Session III</b>	<b>Time-1.30 pm to 4.30 pm</b>
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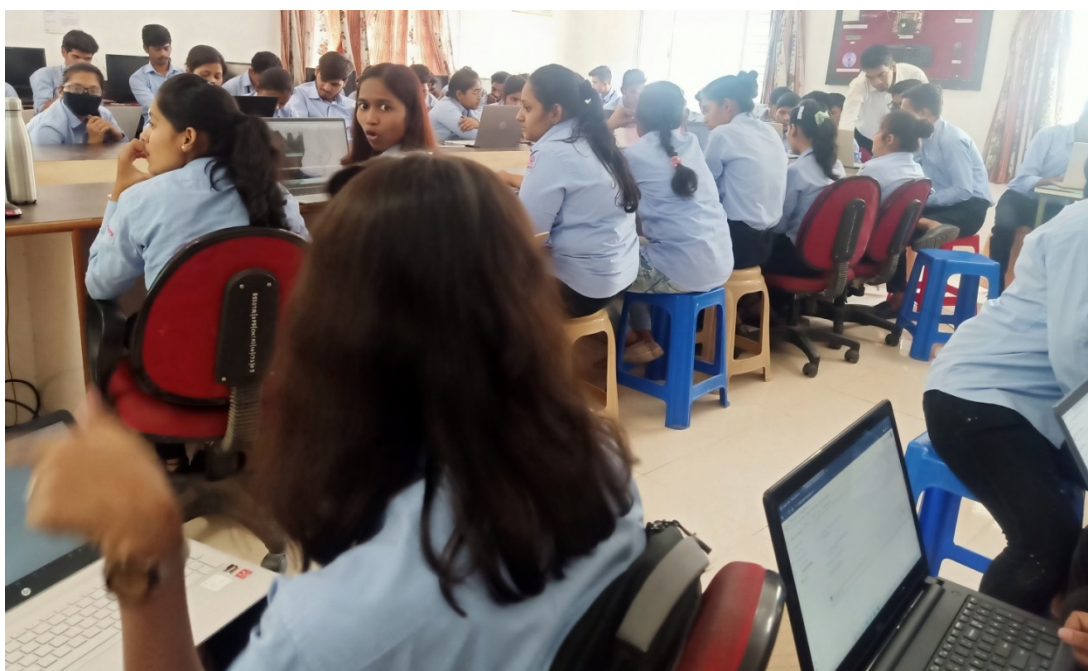
In afternoon session, there was hands on session and in that following points were covered

- variables and data types in python
- Python operators
- Loops in Python
- File handling in Python



**Hands on session by Resource Person Mr.H.A.Warkar**

<b>Day 2</b>	<b>Session I</b>	<b>Time-8.30 am to 10.30 am</b>
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**Hands on session**

First session of second day was started with hands on automation testing with selenium and selenium Python with different browsers execution . Students installed Selenium libraries. Different browsers were opened & closed by using Python and selenium programming.

<b>Day 2</b>	<b>Session II</b>	<b>Time-10.45 am to 12.45 pm</b>
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In second session there was hands on selenium Python automation on different platforms and different types of locators in webdriver. Speaker explained how to fill online registration form using selenium tool.



**Resource Person Mr.Keshav Potdar Delivering lecture**

<b>Day 2</b>	<b>Session III</b>	<b>Time-1.30 to 4.30</b>
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In the last session there was hands on automation of live e-commerce website with multiple scenarios. He conducted question and answer session. Understanding of students was evaluated by taking questionnaires . Then feedback of individual students was taken.



**Certificate Distribution by HoD of E & TC Department Dr. Y. S. Angal & Resource person Mr. H.A.Warkar**



## **Validictory Function**

Workshop was ended with validictory function . Some students shared their experience of the workshop. Vote of thanks was given by Prof. Amruta Dixit .



**Participants of workshop**

### **Outcome of workshop:**

On the completion of this workshop , tests was conducted based on contents covered in the Workshop. Students were able to give answers and they had given nice feedback about the workshop (Sample Feedback is enclosed).

Students were able:

- To Understand Python language and features of Python
- To learn Python installation and component explanation.
- To implement small problems using Python and Software testing using Selenium.
- To Explain Significance of Python and Selenium tools in real time applications
- To Develop Different IDE for Python and Installation/Setup of PyCharm
- To Apply the technology of Python and Selenium in projects and real world applications.

**Prof A. B. Kale and A. S. Dixit**  
**Workshop Coordinators**

**Dr.Y.S. Angal**  
**HOD**

**Dr. T. K. Nagaraj**  
**Principal**