VIRTUAL LABORATORY

Part A:- Click on following link to perform Virtual lab Experiment.

Virtual Lab Experiments to be performed.

Sr No	Department/ Discipline	Lab Name	Experiment Name	Direct Link
1.	Computer Engineering	Data Structures	**Expression Evaluation using Stacks :**	https://ds1-iiith.vlabs.ac.in/exp/stacks-queues/index.html
2.	Computer Engineering	Data Structures	**Sorting using Arrays :** Merge Sort	https://ds1-iiith.vlabs.ac.in/exp/merge-sort/index.html
3.	Computer Engineering	Data Structures	**Sorting using Arrays :** Quick Sort	https://ds1-iiith.vlabs.ac.in/exp/quick-sort/index.html
4.	Computer Engineering	Data Structures	**Polynomials via Linked Lists** Linked List	https://ds1-iiith.vlabs.ac.in/exp/linked-list/index.html
5.	Computer Engineering	Data Structures	**Polynomials via Linked Lists**	https://ds1-iiith.vlabs.ac.in/exp/poly-arithmetic/index.html
6.	Computer Engineering	Data Structures	**Search Trees**	https://ds1-iiith.vlabs.ac.in/exp/binary-search-trees/index.html
7.	Computer Engineering	Data Structures	**Graph Traversals** Depth First Search	https://ds1-iiith.vlabs.ac.in/exp/depth-first-search/index.html
8.	Computer Engineering	Data Structures	**Graph Traversals** Breadth-First Search	https://ds1-iiith.vlabs.ac.in/exp/breadth-first-search/index.html

Perform all above experiments till 22nd April 2023. After performance of all above experiments (Part A), you have to submit feedback (Part B).

Part B: Schedule of Virtual Lab Feedback 1 for Data Structures

Sr No	Date	Day	Time	Division
1	24th April 2022	Monday	8:00 am- 10.am	A,B,C,D,E
2	25th April 2022	Tuesday	8:00 am- 10.am	F,G,H,I J
3	26th April 2022	Wednesday	8:00 am- 10.am	K,L M,N,O
4	27th April 2022	Thursday	8:00 am- 10.am	P Q,R,S,T

As per the above timetable respective division will submit the virtual lab feedback 1 for 8 Assignments on scheduled date and time only.
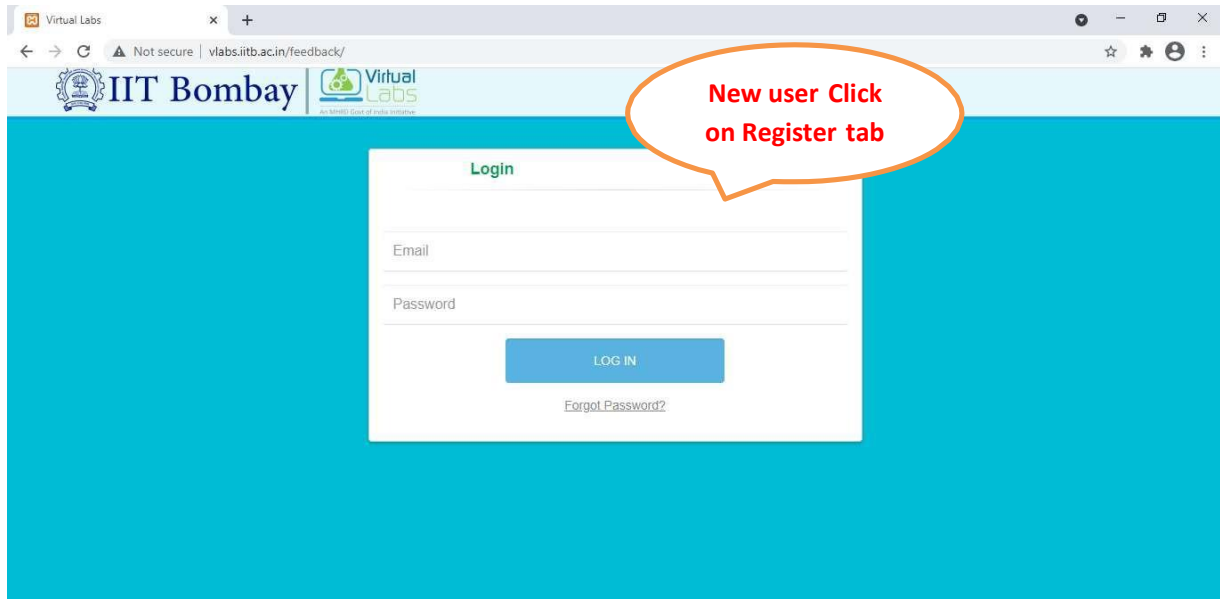
Steps for Feedback submission-

1. Click on link : https://iitb.vlabs.co.in/feedback/

2. **Registration need to be done only once**
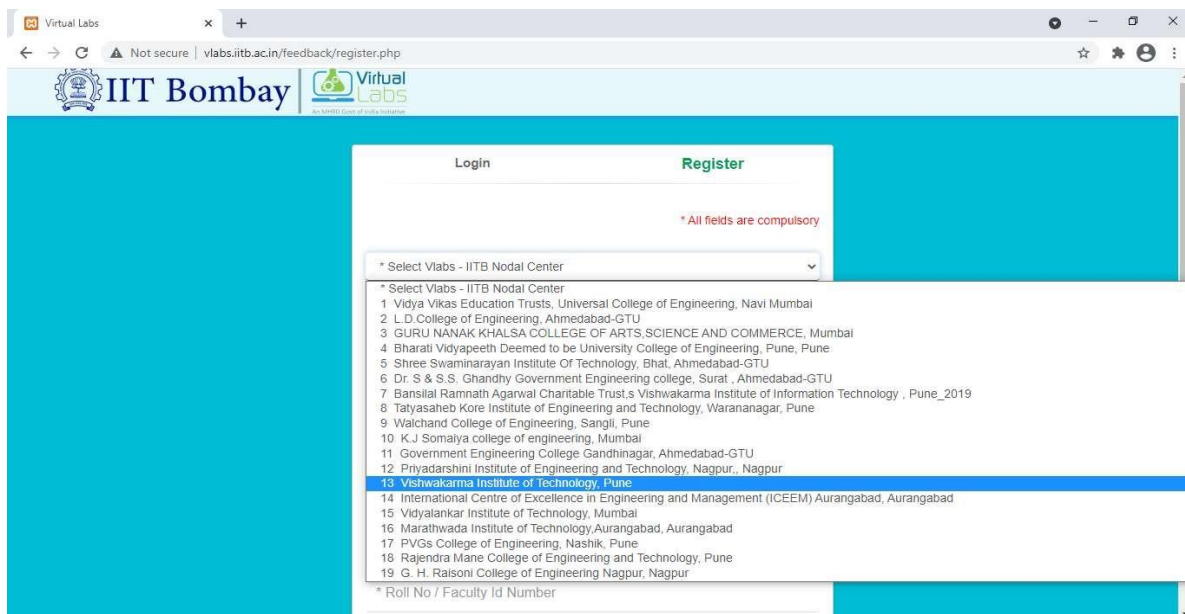   **This registration will be applicable to all the subjects throughout 4 years of B. Tech Course.**
   If already registered then directly Login using existing credentials
   Else register by following steps.

3. Register through **Vishwakarma Institute of Technology, Pune as a Nodal center(VLNC ID:13)**

4. Fill all the details carefully. Please Enter Student PRN number instead of Roll no.
5. Select branch in which you have taken the admission
   (Note- for branches not mentioned in the list like AIDS Branch Click on Other Discipline and mention your respective branch name)

6. After successfully registration, click on Login.
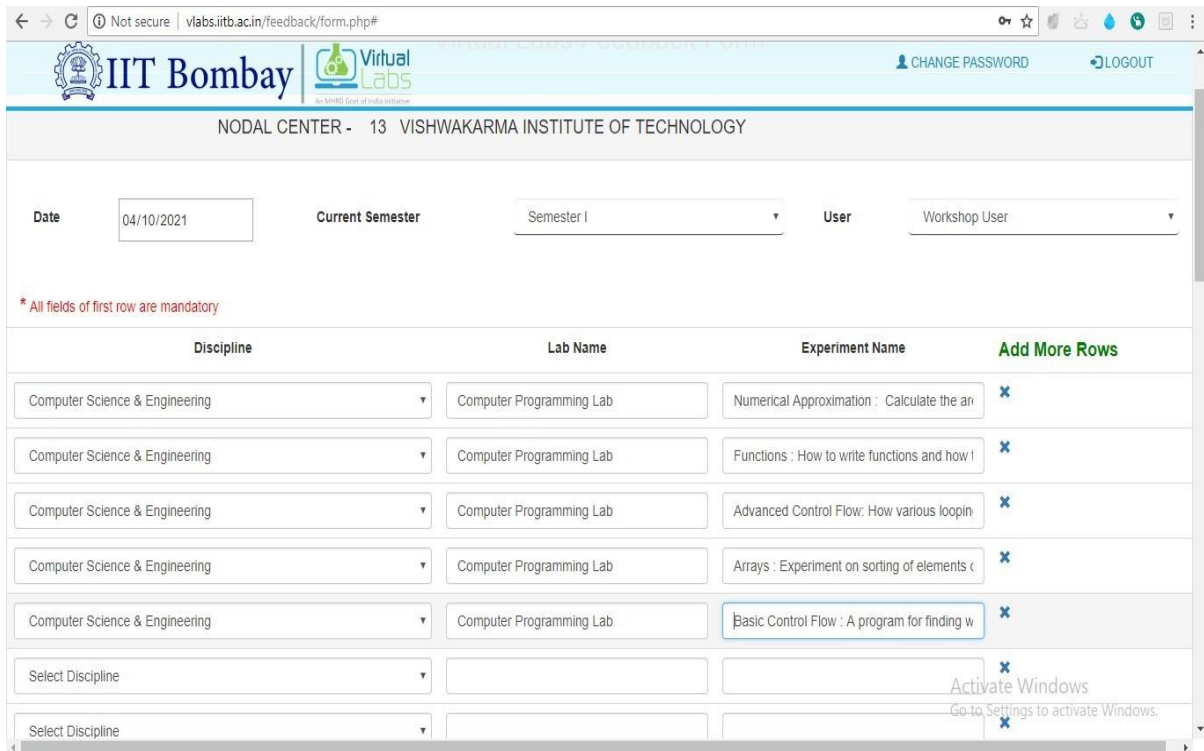
7. After successfully login Feedback home page is appeared as below.
   - **Select Current Semester- II**
   - **User-Workshop User**
   - **For Discipline tab, Lab Name & Experiment Name tabs,please refer table given below.**
- **After selecting discipline, please type lab name and Experiment name.**
- **Important Note:** Students should *mention first 9 experiment statements as per given list in Feedback 1* in feedback form as shown in table.

Feedback form Table-

Sr No	Department/ Discipline	Lab Name	Experiment Name
1.	Computer Engineering	Data Structures	**Expression Evaluation using Stacks :**
2.	Computer Engineering	Data Structures	**Sorting using Arrays :** Merge Sort
3.	Computer Engineering	Data Structures	**Sorting using Arrays :** Quick Sort
4.	Computer Engineering	Data Structures	**Polynomials via Linked Lists** Linked List
5.	Computer Engineering	Data Structures	**Polynomials via Linked Lists**
6.	Computer Engineering	Data Structures	**Search Trees**
7.	Computer Engineering	Data Structures	**Graph Traversals** Depth First Search
8.	Computer Engineering	Data Structures	**Graph Traversals** Breadth-First Search

8. Answer all Questionnaire mentioned in Form.

9. **Take** ==*Screenshot*== **of your feedback form***(Rename this file as Div-Roll no. Ex. G-09)* **and** ==*UPLOAD*== **the same on following link.**

https://drive.google.com/drive/folders/1_tbOMzReOK_lzRMNmmBtjlcLHdDpOSW0?usp=share_link

10. Click on Submit button.