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	Electronics & Communications	Digital Electronics Lab (1) (New)	Verification and interpretation of truth table for AND, OR, NOT, NAND, NOR, Ex-OR, Ex-NOR gates.	https://de-iitr.vlabs.ac.in/exp/truth-table-gates/
2	Electronics & Communications	Basic Electronics Lab	Familiarisation with Resistor	http://vlabs.iitkgp.ac.in/be/exp1/index.html
3	Electronics & Communications	Basic Electronics Lab	Familiarisation with Capacitor	http://vlabs.iitkgp.ac.in/be/exp2/index.html
4	Electronics & Communications	Basic Electronics Lab	VI Characteristics of a Diode	http://vlabs.iitkgp.ac.in/be/exp5/index.html
5	Electronics & Communications	Basic Electronics Lab	Half Wave Rectification	http://vlabs.iitkgp.ac.in/be/exp6/index.html
6	Electronics & Communications	Basic Electronics Lab	Full Wave Rectification	http://vlabs.iitkgp.ac.in/be/exp7/index.html
7	Electronics & Communications	Basic Electronics Lab	Zener Diode-Voltage Regulator	http://vlabs.iitkgp.ac.in/be/exp10/index.html#
8	Electronics & Communications	Basic Electronics Lab	Study of basic properties of Operational Amplifier: Inverting and Non-Inverting Amplifiers**	http://vlabs.iitkgp.ac.in/be/exp17/index.html
10	Electronics & Communications	Digital Applications Lab (New)	Washing machine control using basic AND and NOT gates	https://da-iitb.vlabs.ac.in/exp/washin-machine-control/
11	Electronics & Communications	Digital Applications Lab (New)	Basics of OR gate and its application in industrial control	https://da-iitb.vlabs.ac.in/exp/industrial-control/
12	Electronics & Communications	Digital Applications Lab (New)	Basic NOT gate and its application in fuel level indicator	https://da-iitb.vlabs.ac.in/exp/fuel-level-indicator/
13	Electronics & Communications	Digital Applications Lab (New)	Seat belt warning system using basic AND and NOT gates	https://da-iitb.vlabs.ac.in/exp/seat-belt-warning-system/
14	Electronics & Communications	Digital Applications Lab (New)	Basics of AND gate and its application in car wiper control	https://da-iitb.vlabs.ac.in/exp/car-wiper-control/
15	Electronics & Communications	Digital Applications Lab (New)	Water level control using basic AND and NOT gates	https://da-iitb.vlabs.ac.in/exp/water-level-control/index.html
16	Electronics & Communications	Digital Applications Lab (New)	Electronic lock using basic logic gates	https://da-iitb.vlabs.ac.in/exp/electronic-lock/

17	Electronics & Communications	Digital Applications Lab (New)	Universal NAND gate and its application in level monitoring in chemical plant	https://da-iitb.vlabs.ac.in/exp/level-monitoring-chemical-plant/
18	Electronics & Communications	Digital Applications Lab (New)	Universal NOR gate and its application in automobile alarm system	https://da-iitb.vlabs.ac.in/exp/automobile-alarm-system/
19	Electronics & Communications	Digital Applications Lab (New)	XOR gate and its application in staircase light control	https://da-iitb.vlabs.ac.in/exp/staircase-light-control/
20	Electronics & Communications	Digital Applications Lab (New)	Majority circuit using basic logic gates	https://da-iitb.vlabs.ac.in/exp/majority-circuit/
21	Electronics & Communications	Digital Applications Lab (New)	Cockpit warning light control using basic logic gates	https://da-iitb.vlabs.ac.in/exp/cockpit-warning-light-control/
22	Electronics & Communications	Digital Applications Lab (New)	DIY Build your own combinational logic circuit using generalized simulator	https://da-iitb.vlabs.ac.in/exp/generalized-simulator/index.html

Perform all above experiments till 12th May 2023.

After performance of all above experiments (Part A), you have to submit feedback (Part B).

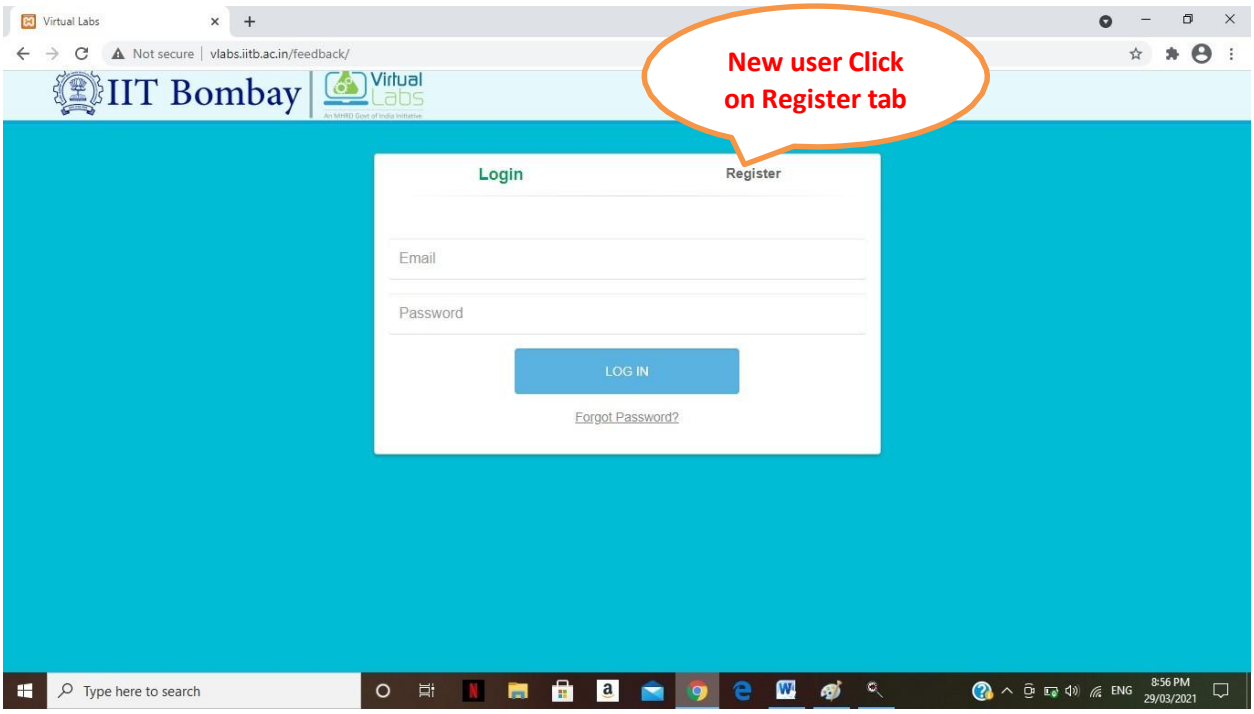
Time Table :

Sr No	Date	Day	Time	Division
1	12 May 2023	Friday	4:30pm – 7:00pm	A,B,C,D,E
2	13 May 2023	Saturday	4:30pm – 7:00pm	F,G,H,I J
3	14 May 2023	Sunday	4:30pm – 7:00pm	K,L M,N,O
4	15 May 2023	Monday	4:30pm – 7:00pm	P,Q,R,S,T

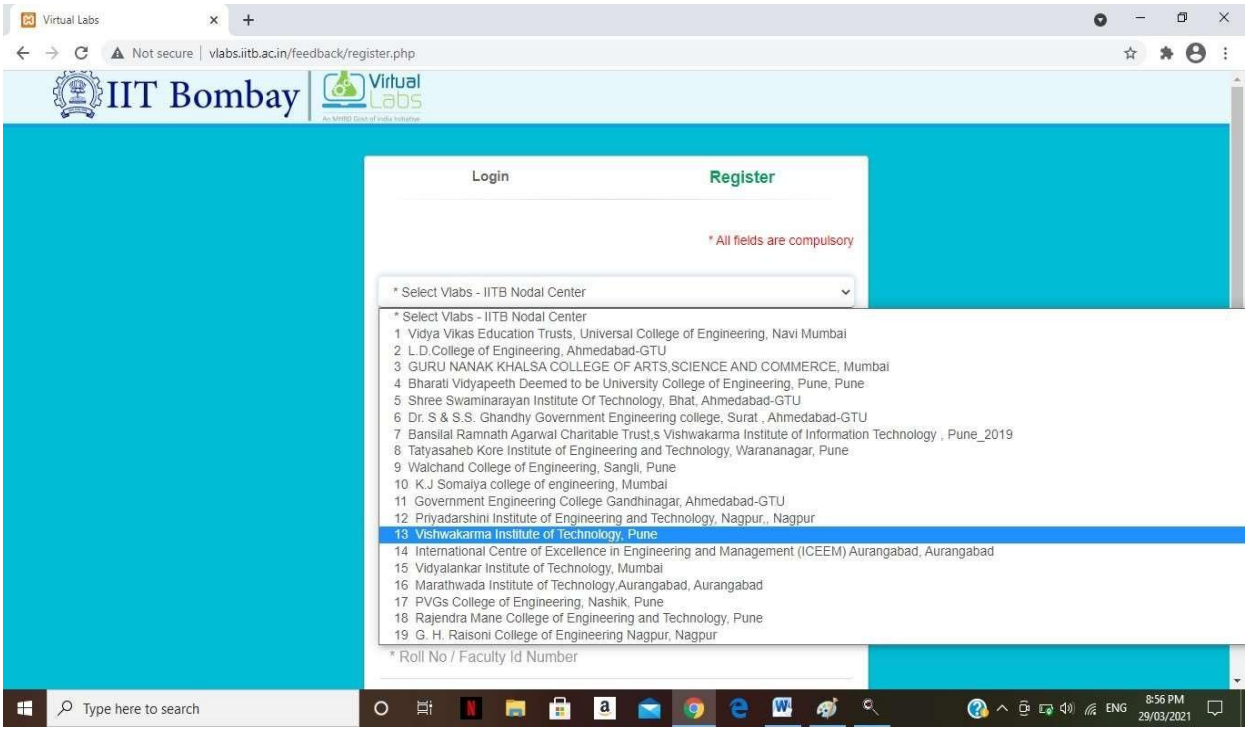
As per the above timetable respective division will submit feedback on scheduled date only.

Part B :- Steps for Feedback submission-

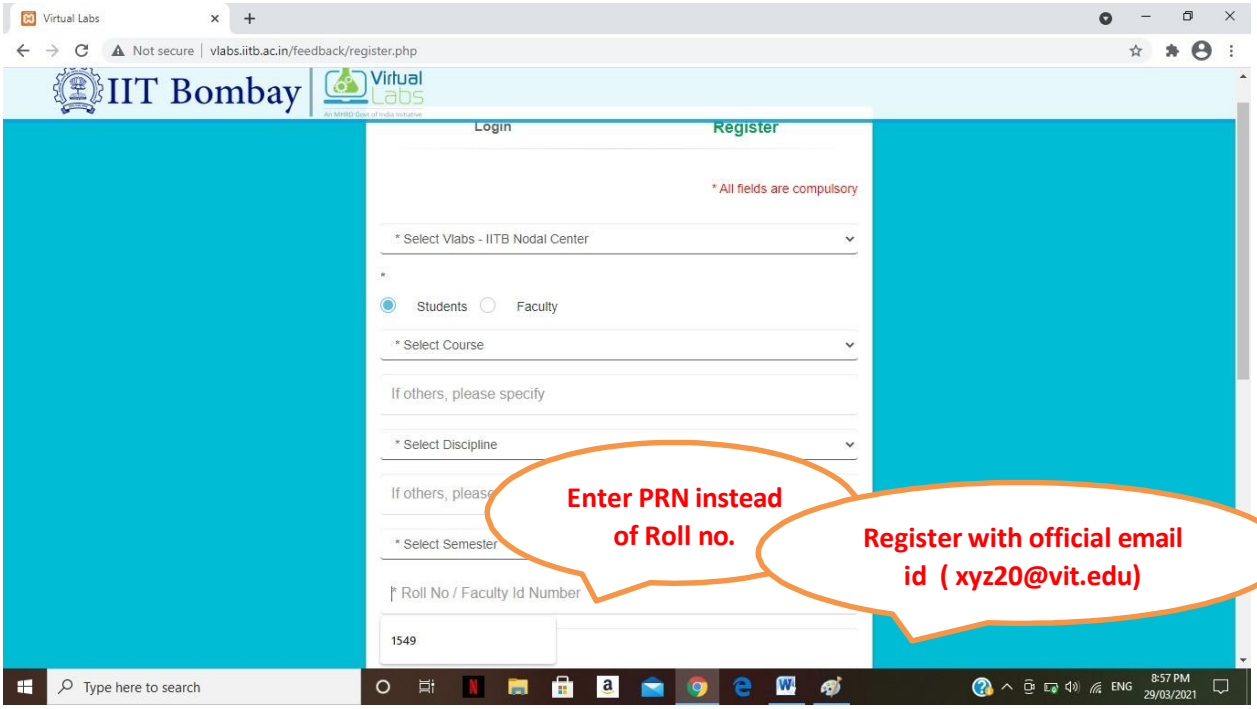
1. Click on link : https://iitb.vlabs.co.in/feedback/



2. Register through **Vishwakarma Institute of Technology, Pune as a Nodal center(VLNC ID:13) (Please directly login if already registered)**

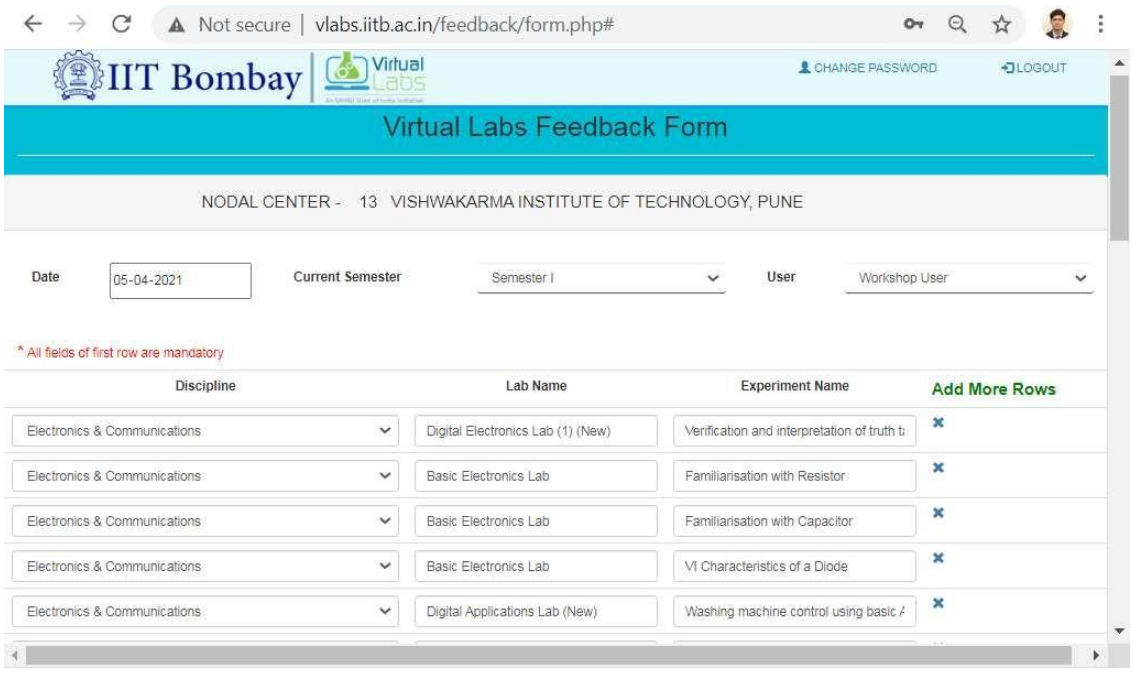


3. Fill all details carefully. Please Enter Student PRN number instead of Roll no.
   (Note- for branches not mentioned in the list like AIDS Branch Click on Other Discipline and mention their respective branch name)



4. After successfully registration, click on Login.

5. After successfully login Feedback home page is appeared as below.
   - **Select Current Semester- I**
   - **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.**



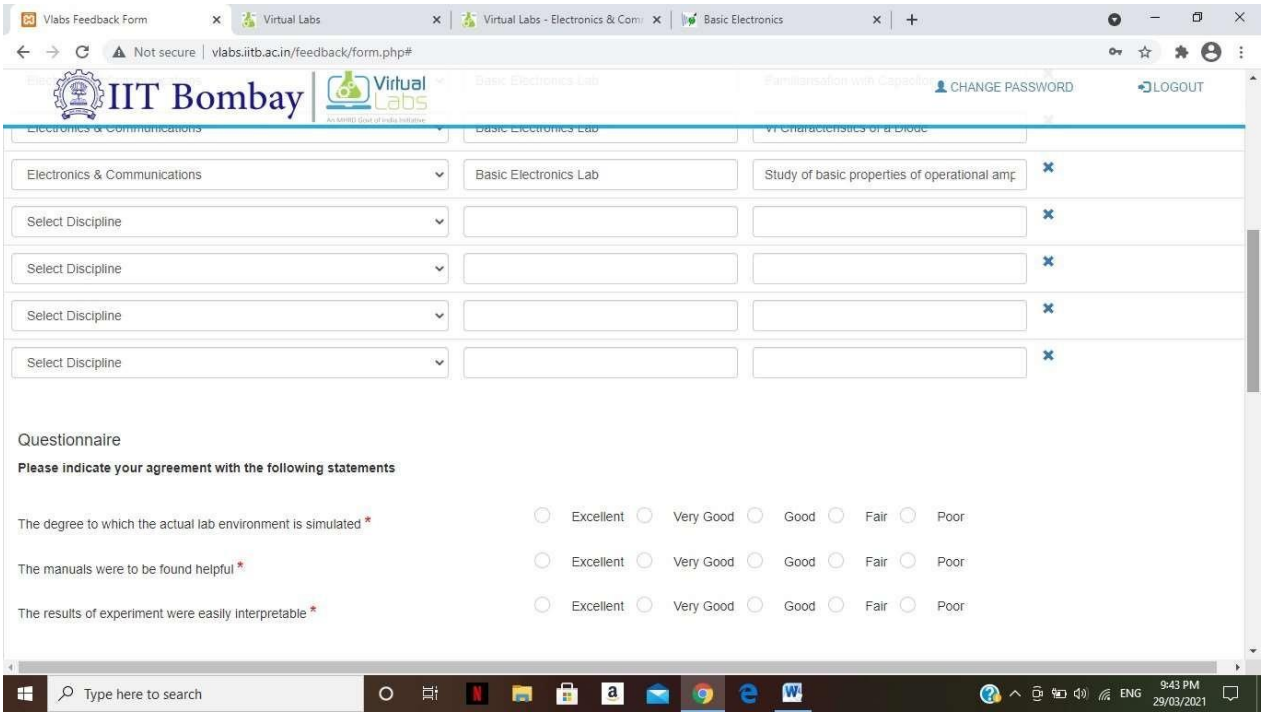
Feedback form Table-

Discipline	Lab Name	Experiment Name
Electronics & Communications	Digital Electronics Lab (1) (New)	Verification and interpretation of truth table for AND, OR, NOT, NAND, NOR, Ex-OR, Ex-NOR gates.
Electronics & Communications	Basic Electronics Lab	Familiarisation with Resistor
Electronics & Communications	Basic Electronics Lab	Familiarisation with Capacitor
Electronics & Communications	Basic Electronics Lab	VI Characteristics of a Diode
Electronics & Communications	Basic Electronics Lab	Half Wave Rectification
Electronics & Communications	Basic Electronics Lab	Full Wave Rectification
Electronics & Communications	Basic Electronics Lab	Zener Diode-Voltage Regulator
Electronics & Communications	Basic Electronics Lab	Study of basic properties of Operational Amplifier: Inverting and Non-Inverting Amplifiers**
Electronics & Communications	Digital Applications Lab (New)	Washing machine control using basic AND and NOT gates
Electronics & Communications	Digital Applications Lab (New)	Basics of OR gate and its application in industrial control
Electronics & Communications	Digital Applications Lab (New)	Basic NOT gate and its application in fuel level indicator
Electronics & Communications	Digital Applications Lab (New)	Seat belt warning system using basic AND and NOT gates
Electronics & Communications	Digital Applications Lab (New)	Basics of AND gate and its application in car wiper control
Electronics & Communications	Digital Applications Lab (New)	Water level control using basic AND and NOT gates
Electronics & Communications	Digital Applications Lab (New)	Electronic lock using basic logic gates
Electronics & Communications	Digital Applications Lab (New)	Universal NAND gate and its application in level monitoring in chemical plant
Electronics & Communications	Digital Applications Lab (New)	Universal NOR gate and its application in automobile alarm system
Electronics &	Digital	XOR gate and its application

Communications	Applications Lab (New)	in staircase light control
Electronics & Communications	Digital Applications Lab (New)	Majority circuit using basic logic gates
Electronics & Communications	Digital Applications Lab (New)	Cockpit warning light control using basic logic gates
Electronics & Communications	Digital Applications Lab (New)	DIY Build your own combinational logic circuit using generalized simulator

Important Note: Students should perform all 22 experiments and also ***mention all 22 experiments names*** in feedback form as shown in table above.

6. Answer the all Questionnaire mentioned in Form.



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

https://drive.google.com/drive/folders/1w07kB47ctB264aDwQCjN-q_9I7RRxwoU?usp=sharing

8. Click on Submit button.