



**Late Shri. Vishnu Waman Thakur Charitable Trust's
Bhaskar Waman Thakur College Of Science,
Yashvant Keshav Patil College Of Commerce,
Vidhya Dayanand Patil College Of Arts,**

VIVA College Road, Virar (West), Pin - 401 303.

Tel. : (0250) 2515276 / 2515278

To,

Date: 13/01/2022

Prof. Santosh Noronha,
Lab 125 B
Dept of Chemical Engineering,
IIT Bombay, Powai
Mumbai 400076

Virtual Labs IIT Bombay – Annual Usage Report 2021

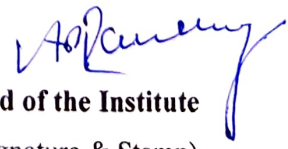
Name of the VLNC: VIVA Institute of Technology

Nodal Centre Coordinator: Dr. Deepa R. Verma

Date: 13/1/2022

Sr. No.	Month	No of Workshops	No. of Users	No of Expt. Usage
1.	January	00	00	00
2.	February	00	00	00
3.	March	00	00	00
4.	April	00	00	00
5.	May	00	00	00
6.	June	00	00	00
7.	July	00	00	00
8.	August	01	30	02
9.	September	02	47	03
10.	October	00	00	00
11.	November	00	00	00
12.	December	00	00	00
	TOTAL	03	77	05


Nodal Centre Coordinator
(Signature)


Head of the Institute
(Signature & Stamp)



**Attendance - 2021**

NCID | Nodal Centre: 103 | Bhaskar Waman Thakur College of Science, Yashwant
Keshav Patil College of Commerce, Vidhya Dayanand Patil College of Arts

Region: Mumbai

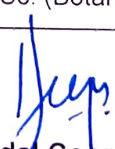
Workshop Date: 18th August, 2021

Workshop Type: Student Training session on Virtual Labs.

Name of the Experiment: Determination of Dissolved Oxygen in Water

Sr.No.	Roll No.	Name	Department	Class
1.	1	Priya Bolegaon	Botany	T.Y.B.Sc. (Botany-Zoology)
2.	2	Dhruvi Charania	Botany	T.Y.B.Sc. (Botany-Zoology)
3.	6	Khushboo Patel	Botany	T.Y.B.Sc. (Botany-Zoology)
4.	8	Jyoti Prajapati	Botany	T.Y.B.Sc. (Botany-Zoology)
5.	12	Gajendarjatan Singh	Botany	T.Y.B.Sc. (Botany-Zoology)
6.	13	Manmohan Singh	Botany	T.Y.B.Sc. (Botany-Zoology)
7.	27	Shilpa Bhagat	Botany	T.Y.B.Sc. (Botany-Zoology)
8.	2	Sonu Jadhav	Botany	T.Y.B.Sc. (Botany)
9.	5	Shivangi Mishra	Botany	T.Y.B.Sc. (Botany)
10.	7	Shruti Patil	Botany	T.Y.B.Sc. (Botany)
11.	9	Trupti Singh	Botany	T.Y.B.Sc. (Botany)
12.	11	Mitali Vaze	Botany	T.Y.B.Sc. (Botany)
13.	17	Sweta Kannaujiya	Botany	T.Y.B.Sc. (Botany)
14.	18	Dhananjay Kushwaha	Botany	T.Y.B.Sc. (Botany)
15.	23	Shantanu Vaidya	Botany	T.Y.B.Sc. (Botany)




Nodal Coordinator
Signature

Attendance - 2021

NCID | Nodal Centre: 103 | Bhaskar Waman Thakur College of Science, Yashvant Keshav Patil College of Commerce, Vidhya Dayanand Patil College of Arts

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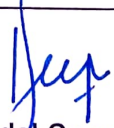
Workshop Date: 18th August, 2021

Workshop Type: Student Training session on Virtual Labs.

Name of the Experiment: Determination of Biological Oxygen Demand

Sr.No.	Roll No.	Name	Department	Class
1.	1	Priya Bolegaon	Botany	T.Y.B.Sc. (Botany-Zoology)
2.	2	Dhruvi Charania	Botany	T.Y.B.Sc. (Botany-Zoology)
3.	6	Khushboo Patel	Botany	T.Y.B.Sc. (Botany-Zoology)
4.	8	Jyoti Prajapati	Botany	T.Y.B.Sc. (Botany-Zoology)
5.	12	Gajendarjatan Singh	Botany	T.Y.B.Sc. (Botany-Zoology)
6.	13	Manmohan Singh	Botany	T.Y.B.Sc. (Botany-Zoology)
7.	27	Shilpa Bhagat	Botany	T.Y.B.Sc. (Botany-Zoology)
8.	2	Sonu Jadhav	Botany	T.Y.B.Sc. (Botany)
9.	5	Shivangi Mishra	Botany	T.Y.B.Sc. (Botany)
10.	7	Shruti Patil	Botany	T.Y.B.Sc. (Botany)
11.	9	Trupti Singh	Botany	T.Y.B.Sc. (Botany)
12.	11	Mitali Vaze	Botany	T.Y.B.Sc. (Botany)
13.	17	Sweta Kannaujiya	Botany	T.Y.B.Sc. (Botany)
14.	18	Dhananjay Kushwaha	Botany	T.Y.B.Sc. (Botany)
15.	23	Shantanu Vaidya	Botany	T.Y.B.Sc. (Botany)




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**Attendance - 2021**

NCID | Nodal Centre: 103 | Bhaskar Waman Thakur College of Science, Yashvant
Keshav Patil College of Commerce, Vidhya Dayanand Patil College of Arts

Region: Mumbai

Workshop Date: 06th September, 2021

Workshop Type: Student Training session on Virtual Labs.

Name of the Experiment: Verification of Beer-Lambert's law

Sr.No.	Roll No.	Name	Department	Class
1.	12	Gajendar Jatan Singh	Botany	T.Y.B.Sc. (Botany-Zoology)
2.	2	Jadhav Sonu	Botany	T.Y.B.Sc. (Botany)
3.	3	Mali Anirudhi	Botany	T.Y.B.Sc. (Botany)
4.	5	Mishra Shivangi	Botany	T.Y.B.Sc. (Botany)
5.	7	Patil Shruti	Botany	T.Y.B.Sc. (Botany)
6.	9	Singh Trupti	Botany	T.Y.B.Sc. (Botany)
7.	11	Vaze Mitali	Botany	T.Y.B.Sc. (Botany)
8.	12	Mishra Satyam	Botany	T.Y.B.Sc. (Botany)
9.	17	Kannaujiya Sweta	Botany	T.Y.B.Sc. (Botany)
10.	18	Kushwaha Dhananjay	Botany	T.Y.B.Sc. (Botany)
11.	21	Vishwakarma Tanu	Botany	T.Y.B.Sc. (Botany)
12.	22	Shubham Bharushali	Botany	T.Y.B.Sc. (Botany)
13.	23	Shantanu Vaidya	Botany	T.Y.B.Sc. (Botany)

**Nodal Coordinator
Signature**



**Attendance - 2021**

NCID | Nodal Centre: 103 | Bhaskar Waman Thakur College of Science, Yashvant
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Region: Mumbai

Workshop Date: 06th September, 2021

Workshop Type: Student Training session on Virtual Labs.

Name of the Experiment: Determination of unknown concentration of an analyte by using the Beer-Lambert Law

Sr.No.	Roll No.	Name	Department	Class
1.	12	Gajendar Jatan Singh	Botany	T.Y.B.Sc. (Botany-Zoology)
2.	2	Jadhav Sonu	Botany	T.Y.B.Sc. (Botany)
3.	3	Mali Anirudhi	Botany	T.Y.B.Sc. (Botany)
4.	5	Mishra Shivangi	Botany	T.Y.B.Sc. (Botany)
5.	7	Patil Shruti	Botany	T.Y.B.Sc. (Botany)
6.	9	Singh Trupti	Botany	T.Y.B.Sc. (Botany)
7.	11	Vaze Mitali	Botany	T.Y.B.Sc. (Botany)
8.	12	Mishra Satyam	Botany	T.Y.B.Sc. (Botany)
9.	17	Kannaujiya Sweta	Botany	T.Y.B.Sc. (Botany)
10.	18	Kushwaha Dhananjay	Botany	T.Y.B.Sc. (Botany)
11.	21	Vishwakarma Tanu	Botany	T.Y.B.Sc. (Botany)
12.	22	Shubham Bhanushali	Botany	T.Y.B.Sc. (Botany)
13.	23	Shantanu Vaidya	Botany	T.Y.B.Sc. (Botany)




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**Attendance - 2021**

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Region: Mumbai

Workshop Date: 15th September, 2021

Workshop Type: Student Training session on Virtual Labs.

Name of the Experiment: Determination of Hardness in Water

Sr.No.	Roll No.	Name	Department	Class
1.	2	JADHAV SONU	Botany	T.Y.B.Sc. (Botany)
2.	3	MALI ANIRUDHI	Botany	T.Y.B.Sc. (Botany)
3.	5	MISHRA SHIVANGI	Botany	T.Y.B.Sc. (Botany)
4.	7	PATIL SHRUTI	Botany	T.Y.B.Sc. (Botany)
5.	9	SINGH TRUPTI	Botany	T.Y.B.Sc. (Botany)
6.	12	Mishra Satyam	Botany	T.Y.B.Sc. (Botany)
7.	18	KUSHWAHA DHANANJAY	Botany	T.Y.B.Sc. (Botany)
8.	23	SHANTANU VAIDYA	Botany	T.Y.B.Sc. (Botany)
9.	1	BOLEGAON PRIYA	Botany	T.Y.B.Sc. (Botany-Zoology)
10.	2	CHARANIA DHRUVI	Botany	T.Y.B.Sc. (Botany-Zoology)
11.	5	PRATIKSHA PANDEY	Botany	T.Y.B.Sc. (Botany-Zoology)
12.	6	PATEL KHUSHBOO	Botany	T.Y.B.Sc. (Botany-Zoology)
13.	7	PATIL MANASI	Botany	T.Y.B.Sc. (Botany-Zoology)
14.	8	JYOTI PRAJAPATI	Botany	T.Y.B.Sc. (Botany-Zoology)
15.	13	SINGH MANMOHAN	Botany	T.Y.B.Sc. (Botany-Zoology)
16.	17	IBTISHAM SHAKEEL AHMAD	Botany	T.Y.B.Sc. (Botany-Zoology)
17.	23	RATHOD DEEPAK	Botany	T.Y.B.Sc. (Botany-Zoology)
18.	24	ABBASI SAPHIULLA	Botany	T.Y.B.Sc. (Botany-Zoology)
19.	26	ANSARI MANTASHA	Botany	T.Y.B.Sc. (Botany-Zoology)
20.	27	BHAGAT SHILPA	Botany	T.Y.B.Sc. (Botany-Zoology)
21.	31	SINGH DHARMRAJ JAGDISH	Botany	T.Y.B.Sc. (Botany-Zoology)



[Signature]
Nodal Coordinator



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VIVA College

(Affiliated to University of Mumbai) NAAC ACCREDITED WITH "B" GRADE (CGPA 2.69)

Shri Hitendra V. Thakur
President

Ms. Aparna P. Thakur
Secretary

Dr. V.S. Adigal
Principal

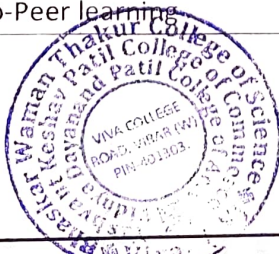
Ref. No. :

Date :

Criterion II Pointer No. 2.3.1. Student Centric Methods

The Following Activities were conducted for Student Centric Methods

Sr. No.	Activity	Page No.
1	Experiential Learning	
1.1	Field Visit/Industrial visit/Study Tour	1 - 105
1.2	Internship	1-657
1.3	Activity Based Learning	1-102
2	Participative Learning	
2.1	Seminar/Webinar	1-149
2.2	Workshop	1-125
2.3	Group Discussion	1-3
2.4	Guest Lectures	1-27
2.5	Movie Screening	1-34
2.6	Case Studies	1-3
2.7	Short Film Making	1-7
2.8	Colloquiums	1-8
3	Self-Directed Learning	
3.1	E book learning, E- resource	https://vivacollege.org/Library.aspx#Donor https://vivacollege.org/Library.aspx#qpaper
3.2	Individual /Group /YouTube /Music Videos	1
3.3	PowerPoint Presentations	1-26
3.4	Virtual Lab	1-6
3.5	Student Published Article/Paper & Peer-to-Peer learning	1-33



VIVA College Road, Virar (West), Pin - 401 303.

Tel. : 97657 42335 • Email ID :- principal@vivacollege.org



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President

Ms. Aparna P. Thakur
Secretary

Dr. V.S. Adigal
Principal

Ref. No. :

Date :

4	Problem-Solving Learning	
4.1	Avishkar	1-386
4.2	Symposium	1-47
4.3	Remedial Lectures	1-105
5	ICT-Tools for Teaching- Learning	
5.1	ICT Tools	1-44
5.2	List of e- Learning resources	https://vivacollege.org/Library.aspx#qpaper
5.3	List of Softwares	G-Suite, MS- Office etc.
5.4	List of ICT equipments	Computers, Servers, Laptops, E-switches, Web Cam, Projectors etc.
5.5	Social Media Platforms WhatsApp Groups, Telegram Channel	YES

I, the undersigned, would like to certify and endorse that above mentioned Page No. of Criterion II Pointer No. 2.3.1. Student Centric Methods is true to my knowledge.



Principal

Dr. V. S. Adigal

Principal

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Yashvant Keshav Patil College of Commerce
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