

"Education for Knowledge, Science and Culture"  
-Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's  
**VIVEKANAND COLLEGE, KOLHAPUR (AUTONOMOUS)**

**Department of Microbiology**

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**Study Tour at STP , Dudhali, Kolhapur**

**21/01/2023**

**Academic Year 2022-2023**



"Education for Knowledge, Science and Culture"

-Shikshanmaharshi Dr. Dapuji Salunkhe

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**VIVEKANAND COLLEGE, KOLHAPUR (AUTONOMOUS)**

Academic year 2022-2023

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**B.Sc.III Study tour at STP , Dudhali ,Kolhapur 2022-2023**

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“Education for Knowledge, Science and Culture”  
-Shikshahmaharshi Dr. Bapuji Salunkhe  
Vivekanand College, Kolhapur (Autonomous)  
Internal Quality Assurance Cell  
2022-2023



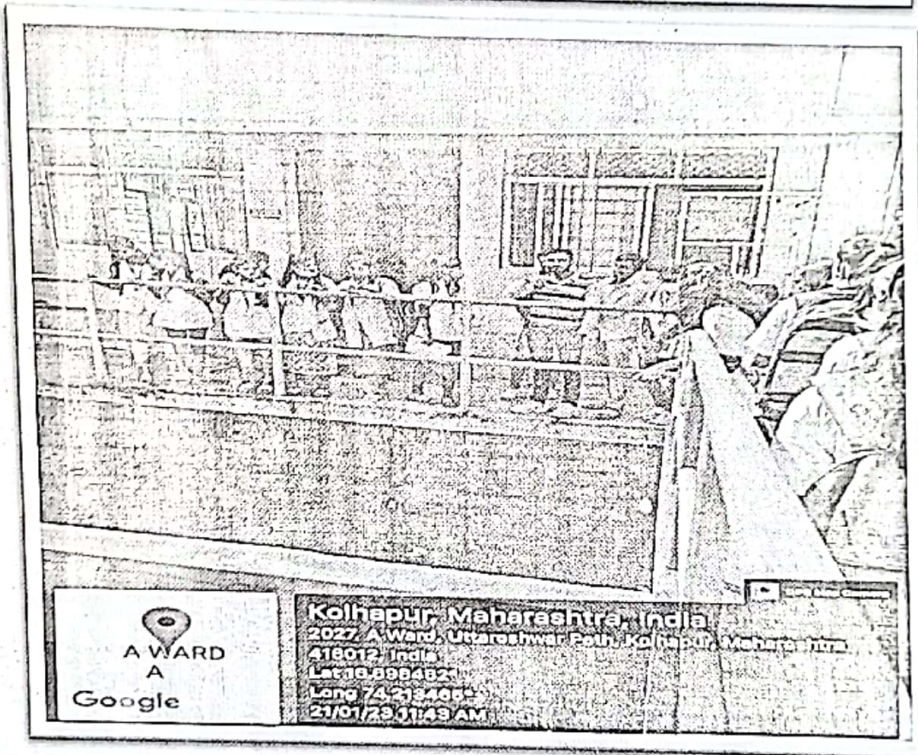
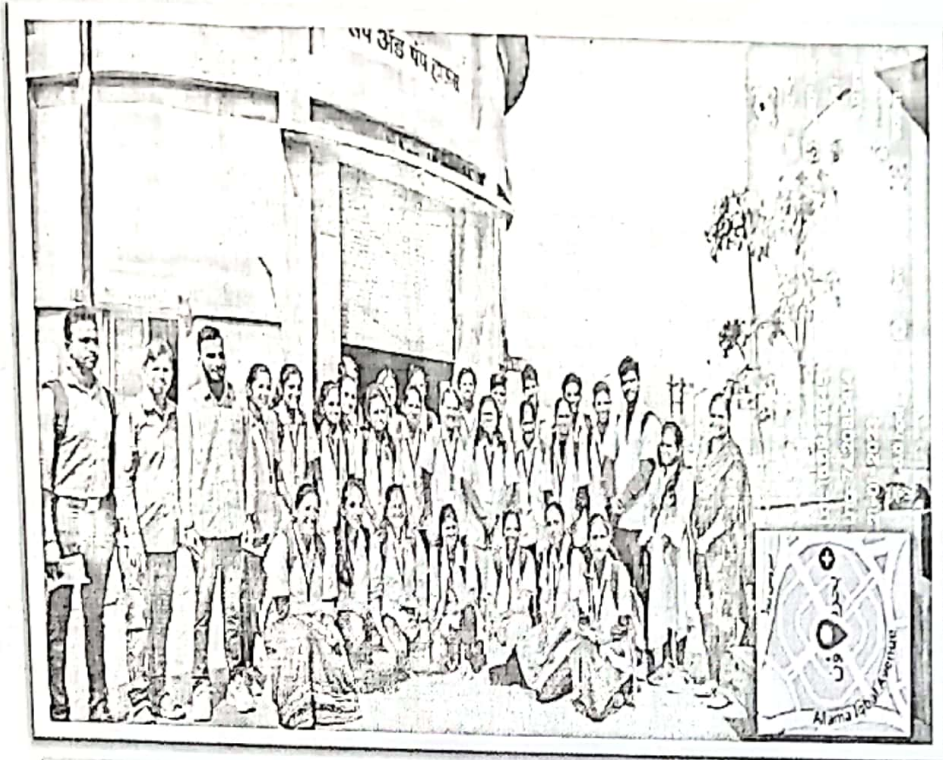
### Quality Initiatives/ Activities Report

1. **Name of Department:** Department Of Microbiology, Kolhapur
2. **Name of Organized Activity:** B. Sc. III study tour
3. **Date/ Duration:** One day. Date:20<sup>th</sup> January , 2023
4. **Aims and Objectives:** :
  - i. To make students aware of practical applications of the subject.
  - ii. To provide students an experience outside the classrooms..
  - iii. To provide students knowledge of different techniques and processes used in sewage treatment plant
  - iv. To create sense of teamwork among the students.
5. **No. of beneficiaries:** Total number – 28 ,Female-2? , Male - 06
6. **Expenditure & funding agency:** Nil
7. **Brief description:** As per the syllabus of B. Sc. III Microbiology, study tour was organized to STP MLD sewage treatment plant, Dudhali. This plant collects waste water from Kolhapur city and treats it before releasing into Panchganaga river.
8. **Outcomes:**
  1. Students felt motivated during & after study tour.
  2. Students got to know about different instruments.
  3. Students got to know the various sewage treatment processes.



9. Photos:

Industrial Visit at STP, Dudhali .



10. Signatures of coordinator/ organizer: Ms. Y. Y. Misal - *Y. Y. Misal*



Department of Microbiology,  
Vivekanand College,  
Kolhapur (Autonomous)  
Date: - 18/01/2023

To,  
The Principal,  
Vivekanand College, Kolhapur (Autonomous)  
Kolhapur.

Subject: - Permission for B.Sc. III Microbiology study tour

Respected Sir,

According to the syllabus of the B. Sc.III Microbiology (28 Students) we want to organize a study tour at 17,MLD STP, Dudhali Kolhapur on 21<sup>st</sup> Jan 2023. Please sanction the request and give us permission for the same.

Thanking You.



*Pol*  
19/1/2023

*PS*  
19-1-2023

Yours faithfully,

*Gitar*  
Head/Co-ordinator  
Department of Microbiology  
Vivekanand College Kolhapur

Reg. No. H.S.C./1074/R-1/DT : 8-8-1976  
Code No. 23-09-002  
J.Dise No. 27341301006

“ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षण प्रसार”  
शिक्षणमहर्षी डॉ. बापूजी साळुंखे

Estd. : June 1964



Shri Swami Vivekanand Shikshan Sanstha's  
**VIVEKANAND COLLEGE, KOLHAPUR (AUTONOMOUS)**

2130, 'E' Tarabal Park, Kolhapur, Tal. Karveer, Dist. Kolhapur-416003  
Affiliated to Shivaji University, Kolhapur (M.S.)  
NAAC Reaccredited : "A" (CGPA 3.24)  
College with Potential for Excellence by U.G.C., New Delhi  
"Star College" by D.B.T. Govt. of India  
ISO 9001 : 2015



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Dr. R. R. Kumbhar  
Principal  
M.Sc., M.Phil. Ph.D.

Hon. Chandrakant Dada Patil  
President  
MLA

Prin. Abhaykumar Salunkhe  
Chairman  
M.A.

Prin. Mrs. Shubhangi Gavade  
Secretary  
M.Sc., B.Ed.

Dr. R. R. Kumbhar  
Principal  
M.Sc., M.Phil. Ph.D.

o. VCK/ 2265/ 2022-23

Date : 19.1.2023

To,  
The Project Manager,  
Laxmi Civil Engineering Infrastructure Pvt. Ltd.  
17 MLD STP,  
Dudhali, Kolhapur.

has  
STP  
me .

Sub.-: Regarding permission to visit your esteemed industry.

Respected Sir,

I would like to inform you that our students of B.Sc. III  
(Microbiology) are interested to visit your Industry, as it is the part of their  
study. Hereby, I request you to grant the permission and help them to make their  
bright future.

kke

BIOLOGY  
KOLHAPUR

Total 28 students will likely to visit on 21<sup>st</sup> Jan 2023. You are  
requested to convey your consent as early as possible

Thanking you,

Yours faithfully

*R.R. Kumbhar*

(Dr. R.R Kumbhar)  
PRINCIPAL  
Vivekanand College  
Kolhapur

₹

ok

*Received  
Annam*



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"Dissemination of Education for Knowledge, Science and Culture"

- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

**Vivekanand College, Kolhapur,(Autonomous)**

**Department of Microbiology**

**Academic Year -2022-23**

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**Notice**

Date- 05/05/2022

All the students of B.Sc.III are hereby informed that Department of Microbiology has organized a Industrial visite to " Laxmi Civil Engineering Infrastructure Pvt. Ltd " ,17 MLD STP ,Dudhali , Kolhapur on 20<sup>th</sup> January 2023 . Students should be present at decided venue in time . For any query contact the department.



Dr.G/K.Sontakke

**HEAD**  
DEPARTMENT OF MICROBIOLOGY  
VIVEKANAND COLLEGE, KOLHAPUR  
(AUTONOMOUS)

**Vivekanand College, Kolhapur**  
**Department of Microbiology**

Study Tour Attendance

Place: 17,MLD STP, Dudhali Kolhapur

Date: 21<sup>st</sup> Jan 2023 Time: 10.30 am

B. Sc III

Sr. No.	Name of Student	Signature	
		Arrival	Departure
<b>Boy's</b>			
1.	Suyash Dnyanesh Zunake	<u>S Zunake</u>	<u>S Zunake</u>
2.	Krushnakant S. Kuntekar	<u>K Kuntekar</u>	<u>K Kuntekar</u>
3.	Harsh Bangoli	<u>H Bangoli</u>	<u>H Bangoli</u>
4.	Shalom Naik	<u>S Naik</u>	<u>S Naik</u>
5.	Meghdut V. Dabholkar	<u>M Dabholkar</u>	<u>M Dabholkar</u>
6.	Shantanu S. Kashid	<u>S Kashid</u>	<u>S Kashid</u>
<b>Girl's</b>			
1.	Tamanna Sultan Desai	<u>T Desai</u>	<u>T Desai</u>
2.	Nisha Shashikant Jadhav	<u>N Jadhav</u>	<u>N Jadhav</u>
3.	Shital Ekanath Powar	<u>S Powar</u>	<u>S Powar</u>
4.	Mrunali Vitthal Patil	<u>M Patil</u>	<u>M Patil</u>
5.	Kishori Narayan Padwal	<u>K Padwal</u>	<u>K Padwal</u>
6.	Pavanshree Mallappa Kamble	<u>P Kamble</u>	<u>P Kamble</u>
7.	Gayatri Pramod Basore	<u>G Basore</u>	<u>G Basore</u>
8.	Shivani R. Patil	<u>S Patil</u>	<u>S Patil</u>
9.	Vaishnavi M. Bagrikar	<u>V Bagrikar</u>	<u>V Bagrikar</u>
10.	Pratibha Ubele	<u>P Ubele</u>	<u>P Ubele</u>
11.	Natawade S. Sakshi	<u>N Sakshi</u>	<u>N Sakshi</u>
12.	Shrutika Sambhoji Pawar	<u>S Pawar</u>	<u>S Pawar</u>
13.	Manasi Shelkar Killekar	<u>M Killekar</u>	<u>M Killekar</u>
14.	Manasi Suresh Ghosalkar	<u>M Ghosalkar</u>	<u>M Ghosalkar</u>
15.	Bagrikar Vaishnavi Mohesh	<u>V Bagrikar</u>	<u>V Bagrikar</u>
16.	Badestkar Stuti Kadam	<u>S Kadam</u>	<u>S Kadam</u>
17.	Chougale Priyanka Sanjay	<u>P Chougale</u>	<u>P Chougale</u>
18.	Sanjivani Nilkanth Kamble	<u>S Kamble</u>	<u>S Kamble</u>
19.	Koli Priyanka Sunil	<u>P Koli</u>	<u>P Koli</u>
20.	Kishori Narayan Padwal	<u>K Padwal</u>	<u>K Padwal</u>
21.	Madhura B. Patil	<u>M Patil</u>	<u>M Patil</u>
22.	Diptee B. Shiralkar	<u>D Shiralkar</u>	<u>D Shiralkar</u>





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Shri Swami Vivekanand Shikshan Sanstha's  
**Vivekanand College, Kolhapur(Autonomous)**  
**Department of Microbiology**  
Academic Year 2022-23

**Study Tour Report**

**B.Sc.III**

**2022-2023**

**Date 21/01/2023**

As per the syllabus, Department of Microbiology arranged and permitted the study tour at "Laxmi civil engineering infrastructure private limited, 17 MLD STP, Dudhali", Kolhapur which was established in June, 2016.

The date allowed according to permission was 21<sup>st</sup> January, 2023. From the department three teachers named Ms. V.V. Misal and Mr. S. D. Gabale with total 28 students of B.Sc.III visited the STP plant. The route of study tour was fixed as Vivekanand College Kolhapur to STP plant Dudhali .

As per schedule of the study tour, we visited the STP plant at 10.30am. We visited different units such as bar screeners, sedimentation tank, Settling tank, chlorination unit, control unit and Microbiology laboratory. Mr. Abhishek Powar and Rushikesh Patil from STP plant explained all rules and regulations which are followed during visit and has given all the detailed information regarding each unit.

Students have learned the different primary, secondary and tertiary treatment processes used to treat sewage water. They also get to know the scope and application of microbiology in such areas.



Ms.V.V. Misal



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# Industrial Visit to Laxmi Civil Engineering Infrastructure Pvt.Ltd STP , Kolhapur



*Misal*  
(Ms.V.V.Misal)

**Vivekanand College, Kolhapur.**

**Department of Microbiology**

**Feedback of Study Tour**

Year 2022 - 2023

Date:- 4/02/23

- Name of Student:- Mrunali Alias Mayurji Vitthal Patil
- Class:- B.Sc III Roll No:- 8500.
- Place visited:-  
Laxmi civil engineering infrastructure private limited,  
17 mld STP dudhali, kolhapur.
- Date of visit:- 20 January 2023
- Feedback about study tour:-

I am thankful to department for arranging such a great or important visit. Because of this visit, we got opportunity to see actual waste water treatment.

  
Sign



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**Vivekanand College, Kolhapur.**

**Department of Microbiology**

**Feedback of Study Tour**

Year 2022-2023

Date:- 01/2/23

- Name of Student:- Aarohi Anil Tadwale
- Class:- B.Sc III Roll No:- 8505
- Place visited:- Sewage treatment plant, Dudhai,  
Kolhapur
- Date of visit:- 21/01/23
- Feedback about study tour:- It was very informative.  
We got opportunity to see the waste water  
treatment plant practically.



Aarohi  
Sign

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**Vivekanand College, Kolhapur.**

**Department of Microbiology**

**Feedback of Study Tour**

Year - 2022-2023

Date:- 04/02/2023

- Name of Student:- Sanjivani Nilkanth Kamble
- Class:- BSC TY Roll No:- 8492
- Place visited:- sewage treatment plant, Dudhali, Kolhapur.
- Date of visit:- 21/01/2023
- Feedback about study tour:- It is very helpful, practically we studied a lot from sewage treatment plant, Dudhali in Kolhapur.



*Sanjivani Kamble*  
Sign

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**Vivekanand College, Kolhapur.**

**Department of Microbiology**

**Feedback of Student training Tour**

Year -2021-22 23

Date:- 24/02/2023

- Name of Student:- Gayatri Pramod Basore
- Class:- BSc-III Roll No:- 8486
- Name of industry for training:- Sewage treatment plant, Dudhali, Kolhapur
- ~~Duration of training:-~~ <sup>Date of tour</sup> 20/1/23
- Feedback about training:-  
It is very helpful, practically we studied a lot from sewage treatment plant, Dudhali in Kolhapur

Sign

*CpBasore*

L3



**Vivekanand College, Kolhapur.**

**Department of Microbiology**

**Feedback of Study Tour**

Year - 2022-2023

Date:- 20 January 2023

• Name of Student:- CHOUGALE PRIYANKA SANJAY

• Class:- Bsc. III (Microbiology) Roll No:- 8531

• Place visited:-

Laxmi civil engineering infrastructure private limited,  
17 mld STP dudhali, kolhapur

• Date of visit:-

20 January 2023

• Feedback about study tour:-

I thankful to department for arranging such a beneficial visit. We all come to know about sewage treatment steps and processes. We all were amazed to see the action related to sewage treatment. We all hope that this will definitely prove very helpful for us while studying.

  
Sign



**Vivekanand College, Kolhapur.**

**Department of Microbiology**

**Feedback of Study Tour**

Year 2022-23

Date:- 04.02.23

- Name of Student:- Peiyanka Sunil Koli
- Class:- BSc III [Micro] Roll No:-
- Place visited:-  
Laxmi civil engineering infrastructure private limited, 17 mid STP dudhali, Kolhapur
- Date of visit:-  
20 January 2023
- Feedback about study tour:-  
I am thankful to department for such helpful visit.



  
Sign



Vivekanand College, Kolhapur.

Department of Microbiology

Feedback of Study Tour

Year 2022-2023 Date:- 04/02/2023

- Name of Student:- Shiralkar Diptee Bajirao
- Class:- B.Sc III Roll No:- 8504
- Place visited:- Laxmi Civil engineering infrastructure Private limited, 17 mid STP dudhali, Kolhapur.
- Date of visit:- 20 January 2023
- Feedback about study tour:-  
I am thankful to department for such great visit.



Shiralkar  
Sign

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## Study Tour



B.Sc.III Study tour at STP MLD sewage treatment plant, Dudhali (21-01-2023)



B.Sc.III Study tour at STP MLD sewage treatment plant, Dudhali

