



Shiv Chhatrapati Shikshan Santha's
Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Microbiology
A] Summary Report of the Activity

1) Title of Programme:		An Excursion Tour		
2) Name of Organizing Department		Department of Microbiology.		
3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Programme:		Organizer- Dr. D. V. Vedpathak Coordinator- Ms. R.S. Gudda		
4) Date of the Programme:		5 th and 6 th January 2025		
5) Venue:		Lonar Crator Lake Yellora caves		
6) Target Group:		Students of PG First Year		
7) Number of Participants:		Male	Female	Total
A separate list with signatures be maintained in the department/Unit)	Teaching	01	01	02
	Non-Teaching	01	00	01
	Students	05	10	15
	Total			18
8) Name and details of Resource Persons/ Judge		-		
10) Source of Funding:		Contribution by Students		

B| Report

i. Title: An Excursion Tour

ii. Introduction: Lonar crater is a saline and alkaline lake created by a meteorite impact about 52,000 years ago. Various obligate halophilic microorganisms growing under extreme environmental conditions and having countless potential are reported by microbiologists and biotechnologists. An Excursion Tour was arranged for M. Sc. first year students to Lonar Crater Lake, in Buldhana district on 5th and 6th January, 2025 for collection of water sample for exploring the extremophilic microbes' inhabiting in highly saline and alkaline environment. It also an archaeological site to understand the Indian mythological facts.

A visit to the Ellora Caves offers a breathtaking glimpse into ancient Indian art and spirituality, featuring rock-cut temples dedicated to Buddhist, Hindu, and Jain faiths, with the monolithic Kailasa Temple

iii Objectives of the Visit:

1. To collect water sample for isolation of extremophilic microbes' inhabiting in highly saline and alkaline environment.
2. To visit Ellora caves to understand ancient Indian art and spirituality.

iv Details of Participant: 15 student Participants(05 Male and 10 Female) along with 2 teaching faculty and one nonteaching member

v. Brief Summary of Event: The educational tour started from college campus at 10.00 PM on 4th Jan 25, up on reaching to Aurangabad on first day, 05th Jan, students explored archaeological sites of Ellora caves. On second day, 06th Jan, students visited to the Lonar Crater Lake. Students studied the alkaline habitat for extremophilic microorganisms formed due to the meteoroid impact. They collected the water and soil samples from various sites under the guidance of the crater for further research study on the extremophiles microorganisms.

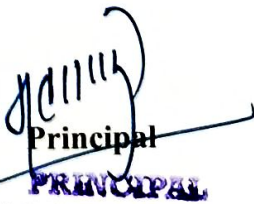
vi. Conclusion, with Feedback on the Programme: Students gained knowledge about specimen collection and transportation. They also relished the journey overall, including exploring the forest, seeing archaeological sites, traveling and joy of togetherness.

vii. Any Appendix If Necessary: List of participants is attached

Date: 15/01/25


Dr. D.V. Vedpathak
Head, Department of Microbiology
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Rajarshi Shahu Mahavidyalaya
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T-41-LR - 413 612




Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

List of Participants

Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)
Department of Microbiology
Organizes
Study Tour

Date: 04/01/2025

Sr. No.	Name of the Students	Mobile No.	Remark
1.	Samudre Kanchan	+91 8956881229	
2.	More Shamsundar	+91 9356243163	
3.	Dapke Sagar	+91 9834969175	
4.	Patil Sanchit	+91 8010823653	
5.	Kamble Prerna	+91 9604003514	
6.	Kale Manisha	+91 9021790962	
7.	Swami Vishweshwar	+91 7822934035	
8.	Sarole Pranav	+91 9823177963	
9.	Karde Arati	+91 9657693769	
10.	Swami Aishwarya	+91 8623817609	
11.	Jagtap Saddicha	+91 99603 27195	
12.	Joshi Ambika	+91 9359877756	
13.	Mare Rutuja	+91 7499322742	
14.	Pathan Sadiya	+91 7385401884	
15.	Modi Vaishnavi	+91 7058417035	

Driver: Dagdu Kamble (Contact No. = 9766590678)

Vehicle No.: MH23Y1557

Staff Name: 1. Dr. D. V. Vedpathak.

2. Ms. R. S. Gudda.

3. Mr. Datta Pitle



Head

Department of Microbiology

HEAD

Dept. of Microbiology

Rajarshi Shahu Mahavidyalaya

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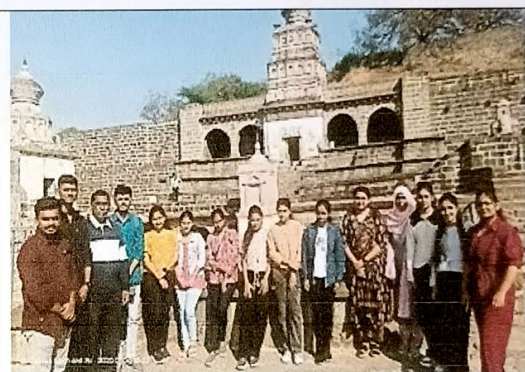
Geotagged photographs



The students, teachers and staff on tour to Lonar Lake



Sampling by students at Lonar Lake



Students visit to an archaeological site

Dr. D.V. Vedpathak
Head, Department of Microbiology

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