



**Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**

Department of Biotechnology

A) Summary Report

1) Title of Programme:		Student orientation Program on Solid Waste Management: Site visit		
2) Name of Organizing Department/Unit:		Department of Biotechnology		
3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Programme:		Principal: Dr. Mahadev Gavhane Vice-Principal: Prof. S. N. Shinde Convener: Dr. R.B. Ade Head: Dr. S. S. Kulkarni		
4) Date(s) of the Programme:		6 th April 2023		
5) Venue:		Solid Waste Processing plant, Warwanti Latur		
6) Target Group:		UG Students of B. Sc. III rd Year		
7) Number of Participants: 35		Male	Female	Total
A separate list with signatures be maintained in the department/Unit)	Teaching	00	00	00
	Non- Teaching	00	00	00
	Students	15	20	35
8) Name(s) and details of Resource Person(s), if any:		Mr. Ashish Sathe Sanitary Inspector Mr. Azim Asst. Sanitary Inspector		
9) Total Expenditure for the Programme:		Nil		
10) Source of Funding:		Not Applicable		

B) Report

i. Title:

Student orientation Programme on Solid Waste Management: Site visit

ii.Introduction:

The system of administration that manages the activities of collection, source separation, storage, transportation, transfer, processing, treatment, and disposal of solid waste is called Solid Waste Management. In ancient cities, wastes were thrown onto unpaved streets and roadways, where they were left to accumulate. Disposal methods were very crude, involving open pits located just outside the city walls. As populations increased, efforts were made to transport waste farther out from the cities. A technological approach to solid-waste management began to develop in the latter part of the 19th century. Watertight garbage cans were first introduced in the United States, and sturdier vehicles were used to collect and transport wastes. In many countries waste was divided into two categories, hazardous and non-hazardous, and separate regulations were developed for their disposal. Landfills were designed and operated in a manner that minimized risks to public health and the environment. In India various methodology have been developed by modern day technology which is adopted by Municipalities. In Latur city Jan-Aadhar Sevabhavi Santha have setup Solid Waste processing plant in which large quantities of Solid wastes including plastics is sorted, processed and make it to reusable.

In order to aware and update the knowledge of students about the solid waste sorting and processing technology adopted by Municipal Corporation , Department of Biotechnology have organised a field visit at City Municipal Corporation solid waste dumping, sorting and processing depot at Warwanti, Latur on 6/4/2023.

iii.Objectives of the Programme:

- To increase student knowledge by actual field visit
- To gain knowledge of Solid Waste Processing
- To acquire skills in planning and execution of technology for the Solid Waste Management.
- To know the advanced and futuristic technology adopted by Municipal Corporation

iv.Details of participants: Total 35 Students (15 Male and 20 Female) participated in this study visit

v. Brief summary of Events/ Session:

The field visit or field trip is an educational procedure by which each student gain or learn information by observing the objects, places, natural events and other real-life information. The main objective of the field visit is to reinforce experiential and contextual learning, with this broad aim the Department of Biotechnology had organized a field visit at Solid Waste Processing plant, Warwanti MIDC Latur. In this plant large quantities of solid waste of Latur city is processed daily in collaboration with Jan-Aadhar Sevabhavi Sanstha Latur, which is one of the leading and expertise non-governmental organization of Latur and regulated by Latur City Municipal Corporations, Latur.

In this visit, the staff of unit including Shri Ashish Sathe, Sanitary Inspector Asst. Sanitary Inspector Mr. Azim have demonstrated the dumping, sorting and processing machines available and in detail explanation about futuristic technological operations for processing and separation with its further utilization as a Fertilizers.

vi. Conclusion, with Feedback on the Program

Students are satisfied by actual observing the equipments and Instrumentation facility and understood their importance in the Solid Waste processing. Demonstration of sorting and related experience was the best experience for students about the facility. The students got benefited and became more updated by acquiring the knowledge of recycling, reduce and reuse technologies.

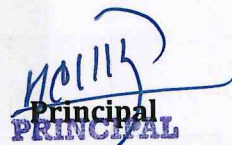
vii. Appendix: List of Participants.

Date: 07/04/2023



HOD
Head

Department of Biotechnolog
Rajarshi Shahu Mahavidyalaya
(Autonomous) Latur-413 53



Principal
PRINCIPAL

Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

C) Geotagged Photographs/ Screenshots: -



Sanitary Inspector Mr. Azim Sheikh explaining the students about the working of sorting machinery at Warwanti Depot. Latur.



Student participant at Warwanti depot, Warwanti, Latur.



Largest dumped solid wastes which were reduced up to considerable limit at Warwanti, Latur.



Visit to office of Sanitary Inspector Mr. Sathe



Mr. Sathe (Sanitary Inspector, Warwanti, Latur) explaining about future technology for solid Waste Management.



Mr. Azim demonstrating sorting machine to students



Mr. Azim (Assistant Inspector, Warwanti, Latur) explaining the students about Bio-Gas plant.



The reduced mass of solid waste at depot.



Student participant with Mr. Azim (Assistant Sanitary Inspector) plastic processing unit at Warwanti, Latur.

D) Brocher of the Programme: -

**Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Biotechnology**

Organizes

**A Student Orientation Programme on
Solid Waste Management (Site Visit)**

Dr. M. H. Gavhane
Principal
Rajarshi Shahu Mahavidyalaya
(Autonomous), Latur

Prof. S. N. Shinde
Vice-Principal
Rajarshi Shahu Mahavidyalaya
(Autonomous), Latur

Dr. S. S. Kulkarni
HOD of Biotechnology
Rajarshi Shahu Mahavidyalaya
(Autonomous), Latur

Dr. R. B. Ade
Convener
Dept. Of Biotechnology
Rajarshi Shahu Mahavidyalaya
(Autonomous), Latur

**Date:
6 April, 2023**

**Time: 1 PM
Venue: Warwanti**

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Biotechnology
Student Orientation Programme on Solid Waste Management
(Field Visit Municipal Solid Waste Management Warvanti Centre)
List of Student Participant

Sr. No	Name	Gender	Sign
1	Dnyaneshwar Kisan Suryawanshi	Male	
2	Shinde Prathviraj Balaji	Male	
3	Suryawanshi Rashni Chandrakant	Female	
4	Suryawanshi Vaishnavi Nitin	Female	
5	Aniya S. Shakur, Deshmukh	Female	
6	Peashant Shanaji Wadgaonkar	Male	
7	Hamid Maheebub Shaikh	Male	
8	Sheikh Mohammadjuned Abdulkarim	Male	
9	Shelke Digambar Balu	Male	
10	Shelke Vishal Shriram	Male	
11	Shinde Mahesh Gopal	Male	
12	Shinde Pragati Pandurang	Female	
13	Rajmane Nikita Satish	Female	
14	Puri Dnyaneshwar Rajendra	Male	
15	Pundkare Sanskruti Sahebrao	Female	
16	Ratnaparthe Vaishnavi Prathad	Female	
17	Sagar Sonali Sunil	Female	
18	Phad Pallavi Ganesh	Female	
19	Pawar Sanjiwani Suresh	Female	
20	Pawar Aniket Ramrao	Male	

21	Patsalge Diksha Ganesh	Female	<u>Patsalge</u>
22	Mansj Gorind Sarje	female	Mansj
23	Shaikh Ajai musa	male	Shkh.
24	Somukhrao pooja machindra	Female	<u>Pooja</u>
25	Kanwate shirani chondrashekhare	Female	<u>Shirani</u>
26	Guri Megha Vikram	Female	Megha
27	Bolegave susaj Bhagvat	male	<u>Bolegave</u>
28	Dhonde Adinath Lalaji	male	<u>Adinath</u>
29	Sachin Raju itkar	male	<u>Sachin</u>
30	Anuja Anil Patil	Female	<u>Anuja</u>
31	Aditya Kuber	Male	<u>Kuber</u>
32	Manchal Neha Pramod	female	<u>Neha</u>
33	Vaishnavi Mane	Female Female	<u>V. Mane</u>
34	Iram Pathan	female	<u>Iram</u>
35	Rakhi Gaikwad	Female	<u>Rakhi</u>


Head
Head

Department of Biotechnology
Rajarshi Shahu Mahavidyalaya
(Autonomous) Latur-413 531




Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)