

Application for Permission

Date: 06th May, 2022

To,
The Principal,
Arts, Science and Commerce College, Rahata.
Tal-Rahata, Dist- Ahmednagar, Pin-423107.

Subject: Regarding the permission to organize a Guest lecture on "Vermicompost Bin Preparation"

Respected Sir,

Department of Zoology organiza Guest lecture and demonstration on "Vermicompost Bin Preparation" for the students and Farmers on Wednesday 11th May 2022 at 12.30 am.

I kindly request you grant permission to organize the event.

Thanking You,

Handwritten signature and date:
6/5/2022

Yours Faithfully,

Handwritten signature of Dr. V.R. Pawade
Dr. V.R. Pawade.

Head of Dept. Zoology

'Shirdi Sai Rural Institute's

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA



Tal- Rahata, Dist-Ahmednagar (423107)
(University of Pune Affiliated ID No. PU/AN/ASC/052/1997)
Phone-(02423)295488
Email: rahatacollege@rediffmail.com
Website: <http://www.ascrahata.org.in>



NAAC Re-Accredited "B++" Grade College

Recipient of "Best Rural College Award" from University of Pune (2012-13)

Recipient of "Best Rural College Award" from Student Welfare Board, University of Pune (2011-12)

Ref: ASCR/EST/2021-22/

Date:06/05/2022

To,

**Shri. Sanjay Raut Sir,
Tal- Rahata, Dist-Ahmednagar.**

Subject: Invitation as a Resource person for a Guest lecture on "Vermicompost Bin Preparation"

Respected Sir,

The Zoology Department of Arts, Science and Commerce College, Rahata cordially invites you as a resource person for Guest lecture on "**Vermicompost Bin Preparation**" for students and farmers on 11th May, 2022 at 12.30 am.

In this context, it's my pleasure to invite you as a **Resource Person** for the above said event on **Wednesday 11th May, 2022 at 12.30 am.**

Kindly accept the invitation and oblige.

Thanking you,

Principal

I/C PRINCIPAL

Art's, Science & Commerce College
Rahata, Dist Ahmednagar

'Shirdi Sai Rural Institute's

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Ref: ASCR/EST/2021-22/

Date:11/05/2022

To,

Shri. Sanjay Raut Sir
Tal- Rahata, Dist-Ahmednagar.

Sub: Letter of Appreciation

Respected sir,

On behalf of the Guest Lecture organized by the Zoology Department of Arts, Science and Commerce College, Rahata, I sincerely thank you for accepting our invitation to deliver a talk for the students and Farmers on "Vermicompost Bin Preparation" on Wednesday 11th May 2022 at 12.30 am. I am grateful to you for conducting the same.

The lecture was really fruitful and will definitely help the student.

Thanking you,

With regards,

**Principal
I/C PRINCIPAL**

Art's, Science & Commerce College
Rahata, Dist Ahmednagar

Shirdi Sai rural Institutes
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA
“Vermicompost Bin Preparation”
Organized by
Zoology Department

Feedback Analysis

Sr.No	Feedback Analysis Opinion					
	Questions	Excellent	Very Good	Good	Average	Total
1	How was the Content of Lecture?	65	21	11	--	97
		67.01%	21.64%	11.34%	--	100%
2	Information Delivered by Shri. Raut Sir.	55	32	8	2	97
		56.70%	32.98%	8.24	2.06	100%
3	Information Delivered by Dr. V. R. Pawade Sir.	49	29	18	1	97
		50.51%	29.51%	18.55%	1.03%	100%
4	How would you rate the Resource Persons?	56	19	21	1	97
		57.73%	19.58%	21.64%	1.03%	100%
5	Average Percentage	57.98%	25.92%	14.94%	1.37%	100%

Highlight of Feedback Analysis:

1. 57.98% participants strongly agree with all questions.
2. 25.92% participants were agreeing with all questions.
3. 14.94% participants unsure involvement.
4. 1.37% participants were disagreeing with all questions.

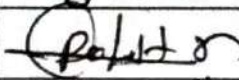
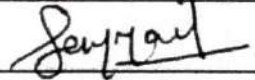
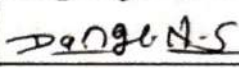
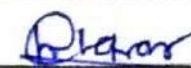

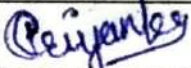
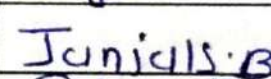
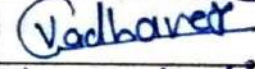
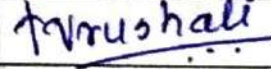

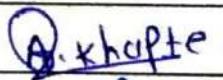


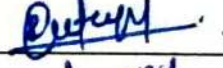


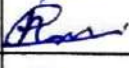


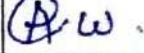
Shirdi Sai rural Institutes
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA
“Vermicompost Bin Preparation”
Organized by
Zoology Department

Farmers List

Sr. No	Name of the Students	Signature
1	Jange Rahul vilas	Rahul
2.	शिंदे निरज वसंत	शिंदे निरज
3	धोशान अमेश भादव	
4)	खोज्जेळ रामराव देवराय	रामराव खोज्जेळ
5)	गवांदे अशोक देवराम	गवांदे
6)	Tupe vivek Rohindra	Tupevivek
7)	Avinash karende	Avinash
8)	गोर्डे विनोद.	V.G.
9)	गोर्डे गौरव	Gaurav
10)	गळे बाबासाहेब	N.B
11)	धोशान बालागणेश भादव	
12)	धोशान अमेश भादव	
13)	धोशान वसुधाव सुभाष	
14)	गुंजाळ जिजाबापू	जिजाबापू
15)	कदम राजेंद्र	Rajendrak
16)	सानव संवनाम	संवनाम S
17)	शिंदे आशीषक वसंत	
18)	गोसावी अमरूम विलय	
19)	मिआहेर प्रानिक	
20)	दिपक कालकर	कालकरदीपक
21)	केलास कालकर	
22)	डांग तुषार सुनिल	

Shirdi Sai rural Institutes
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA
"Vermicompost Bin Preparation"
Organized by
Zoology Department

Student List

Sr. No	Name of the Students	Signature
1)	Shelul Rohit Ramrao	
2)	Sonyad Samir Manoj	
3)	Dange Nikhil Sampat	
4)	Kalekar Swapnil Kailas	
5)	Tejwarkar Maithili Ranshik Maithili	
6)	Pokale Priyanka.R.	
7)	Janjali Snehal.B	
8)	Gadhave vidya.E	
9)	Magal Krushali.B	
10)	Gadhe Sakshi.R	
11)	Tadhar Mayuri.N	
12)	Tanjali V.	
13)	Khapte Akanksha Govind	
14)	Wahadne Gauri Kishor	
15)	Wakchaurse Sumit Jalinder	
16)	Bothe Rutuja Sunil	
17)	Cholke Suvarna Gopakshnath	
18)	Tejwarkar Saurabh Dattaraj	
19)	Salunke Ajinky Kachary	
20)	Kandalkar phiraj	
21)	wanimakrad Sunil	
22)	wani Abhijit Ashok	

23)	choike Rupali Dilip	<u>Rupali</u>
24)	Bawake Gayatri Ashok	<u>Gayatri AB</u>
25)	Kadam Ashutosh Rajendra	Ashu
26)	Londhe omkar Dilip	Omkar
27)	Narode Bhurat Vilas	Bharade
28)	Gavande Tushar Ashok	<u>Tushar</u>
29)	Murade Nikita Rajendra	<u>Nit</u>
30)	More Kajal Shivaji	<u>Bmore</u>
31)	Tadhav Mayuri Nilesh	<u>Mayuri</u>
32)	Tanjali Vaishnavi Sanjay	<u>Tanjali V/S</u>
33)	Bombe Shivani Kailas	<u>SeBombe</u>
34)	Wagh Mayuri Vijay	<u>Wagh</u>
35)	Sambare Vaishnavi Ramesh	<u>Sambare V.R</u>
36)	Pokale Priyanka R.	<u>Priyanka</u>
37)	BADHE ANUJA MOHAN	
38)	Gume Rutuja Vishwundh	<u>Rutume</u>
39)	Waghe sakshi shankar	<u>Waghe</u>
40)	Sulakhe Ashwini D.	<u>Sulakhe</u>
41)	Golhar Anil Indrabhan	<u>A Golhar</u>
42)	Golhar Keushni Annasaheb	<u>Keushni</u>
43)	Golhar Babasaheb Appasaheb	<u>Bab</u>
44)	Tribhuvan Rohit Kiran	<u>Rohit</u>
45)	Nale Tejas Rajendra	<u>Tejas</u>
46)	Bhothe Mayur R.	<u>Mayur</u>
47)	Ghule Om	<u>Om</u>
48)	Tribhuvan Ramesh	<u>Ramesh</u>
49)	Londhe Pratik.	<u>Pratik</u>
50)	Dhokne Akshay	<u>Akshay</u>
51)	Lahare Aditya L.	<u>Aditya</u>
52)	Amphare shrijit	<u>Amphare</u>


A Report
On
“Vermicompost Bin Preparation”
Organized by
Department of Zoology.

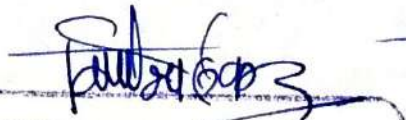
The Department of Zoology of Arts Science and Commerce College organized a guest lecture on “Vermiculture Bin Preparation” for Students on Wednesday 11th May 2022 at 12.30 am. Dr. V. R. Pawade, Head of the Department of Zoology, welcome the chief guest Mr. Sanjay Raut Sir, and Vice-Principal Dr. S. K. Pulate and Dr. D. N. Dange. He also gave an introduction to Programme. Then, Programme was formally inaugurated by lighting holy lamp and garlanding photo frames of Padmshri Dr. Vithalrao Vikhe Patil and Padmabhushan Dr. Balasheb Vikhe Patil.

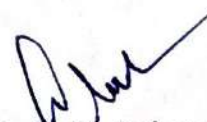
Mr. Sanjay Raut Sir, Explain the role of vermicompost in Agriculture. He explains, biofertilizers, and Demonstration on Vermicompost bin Preparation.

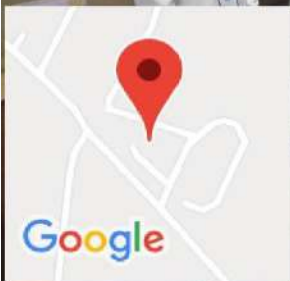
Students of F. Y. B. Sc and S. Y. B. Sc prepare a Two Vermicompost bin Successfully.

A total of 65 students and 32 farmers were participated in the program.


Dr. V. R. Pawade
HOD Zoology Dept.


IQAC, Co - ordinator
ASC College, Rahata


Mr. S. V. Lahare
Principal
I/C PRINCIPAL
Art's, Science & Commerce College
Rahata, Dist. Ahmednagar



Khadakewake, Maharashtra, India

MFVH+H8V, Khadakewake, Maharashtra 423107, India

Lat 19.693746°

Long 74.478591°

11/05/22 01:45 PM



Ahmednagar, Maharashtra, India

Kopargaon - Shirdi - Ahmednagar - Pune Hwy,
Maharashtra 423107, India

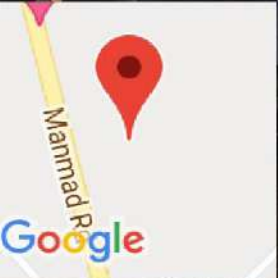
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Long 74.486082°

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Ahmednagar, Maharashtra, India
Kopargaon - Shirdi - Ahmednagar - Pune Hwy,
Maharashtra 423107, India
Lat 19.688513°
Long 74.486082°
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Ahmednagar, Maharashtra, India
Kopargaon - Shirdi - Ahmednagar - Pune Hwy,
Maharashtra 423107, India
Lat 19.688513°
Long 74.486082°
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Liquid Waste Management

Rotary Evaporator



 **GPS Map Camera**

Khadakewake, Maharashtra, India

MFVH+GHC, Khadakewake,

Maharashtra 423107, India

Lat 19.693382°

Long 74.479111°

18/03/22 12:59 PM GMT +05:30

Google



Shirdi Sai Rural Institutes
Arts, Science and Commerce College, Rahata

WASTE MANAGEMENT POLICY DOCUMENT



Shirdi Sai Rural Institute's
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA
A/P- PIMPLAS, TAL-RAHATA DIST-AHMEDNAGAR

TEL: 02423242488

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E - MAIL: rahatacollege@rediffmail.com

WEBSITE: www.ascrahata.org



VISION

To act as planning resource, support and monitoring Centre for rural education activities.

MISSION

Developing capabilities for wide spread and inclusive rural development and closing the rural-urban gap.

Objectives of Policy Document

- **Conservation of the Environmental – The College strives to ensure environmental conservation through waste management and protect it from the side effects of various types of waste.**
- **Safe Disposal – The College identifies the need to dispose waste in a manner that is safe and sound with respect to its staff, students, institutional operations and stakeholders.**
- **Stakeholder awareness – The College aware the importance of waste management to the stake holders by means of degradable and non-degradable waste.**
- **Policy framework – The College knows the need to establish clear guidelines on waste management.**



Waste Management Policy

Table of Content Contents

- 1. Introduction**
- 2. Policy Statement**
- 3. Policy Objectives**
- 4. Organization and Management**
- 5. Action Plan**
- 6. Monitoring and Review Strategies**
- 7. Glossary**



Introduction

Shirdi Sai Rural Institutes Arts, Science and Commerce College, Rahata is the leading college in the rural area of Rahata Tehsil. It is a leader in Education, curricular and extracurricular activities through NSS, NCC, Student welfare Board, Earn and Learn Scheme, Research and Innovation etc. The Institute is committed to Society through lifelong learning, cultural enrichment and outreach services. The college was started in 1997 for the rural masses, with an objective to promote higher education and research in the fields of Arts, Science and Commerce.

The Arts, Science and Commerce College, Rahata, is situated in clean and green campus of 21 acres and it also realizes sustainable and holistic waste management essential in reducing its environmental footprint and providing a safe and healthy work environment for teaching and non-teaching faculties, students and all stake holders.

The College has a responsibility to ensure that all the campus wastes are disposed by means of proper waste segregation mechanism at the source and if possible, converting it into environment friendly product. Furthermore, the Solid, liquid and electronic waste should be disposed or managed by government approved, registered waste contractors. The purpose of the policy is to facilitate implementation of the action plan brought available in "National Environment Policy 2006" on management aspects of hazardous waste including their minimization, environmentally sound management and active promotion of transfer and use of cleaner technologies.

Policy Statement

The College has an approach to reduce, reuse, recycle and recover the waste, wherever and whenever possible in preference to the disposal of waste to landfill. It recognizes the importance of meeting these legal requirements and to manage its waste responsibly, reduce the volume of waste sent to landfill and maximize reuse and recycling where possible.

The college requires all the teaching and non-teaching staff, students, guests and anyone else making use of the premises to comply with this Policy. Any solid waste generated in the campus shall be managed and handled in accordance with the compliance criteria and the procedure laid down in Municipal Solid Wastes (Management and Handling) Rules, 1999, published under the notification of the Government of India in the Ministry of



Environment and Forests number S.O. 783(E), dated, the 27th September, 1999 in the Gazette of India, Part II, Section 3, Sub-section (ii).

The Policy is defined for the Solid, Liquid, Hazardous Chemicals as well as for the e-waste.

Policy Objectives

The objectives of this policy are:

- To ensure that waste management is performed in accordance with all waste legislative requirements, including the duty of care, and to plan for future legislative changes and to mitigate their effects.
- To minimize waste generation at source and facilitate repair, reuse and recycling over the disposal of wastes in a cost effective manner.
- To provide clearly defined roles and responsibilities to identify and co-ordinate each activity of the waste management.
- To promote environmental awareness in order to increase and encourage waste minimisation, reuse and recycling.
- To invest into the expansion of recycling opportunities on the college campus and transform waste into value added products.
- To ensure the safe handling and storage of wastes in college campus.
- To provide appropriate training for teacher, staff, students and other stakeholders on waste management issues.
- To provide guidance on the standards of electronic equipment's.
- To promote holistic approach of waste management in the campus.

Organisation and Management

The responsibilities and organizational arrangements for this Waste Management Policy lie with a variety of personnel in the College.

▪ **Advisory Board**

- a. Principal- Chairman
- b. Campus Development and Welfare Committee- Coordinator
- c. Head of the Departments
- d. IQAC
- e. Student Representatives
- f. Administrative Representative
- g. Two outside expert (nominated by the Principal)

Resource Mobilisation



The College shall provide resources for waste management as follows:

- 1) Increase the budgetary allocation to the initiative targeted at reducing waste risks;
- 2) Provide the buildings, equipment and devices and other support systems for effective and efficient management of waste.

Function of Advisory Board

- i). Coordinating the provision of a waste and recycling contract service for use by all facilities on the campus.
- ii). Ensuring that all stake holders are advised that they must act in accordance with the College Waste Management Policy.

Co-ordinator, Campus Development and Welfare Committee is responsible for:

- Provision of advice and guidance to the College on waste management.
- Setting Environmental Performance Indicators for waste management.
- Monitoring the management systems for all wastes, to ensure reuse and recycle.
- Provision of appropriate training for all personnel who have responsibilities for waste management.
- Investigation of any incidents or spillage relating to waste management.

Support staff is

Responsible for:

- i). Overseeing the day to day delivery of general waste and their recycling services.
- ii). Operational monitoring of waste management systems across the campus.
- iii). Disposing of waste responsibly, through the appropriate waste disposal system (segregation of waste), in accordance with policy and procedures.
- iv). Reporting any problems with waste collection schemes to **Campus Development and Welfare Committee**.


The IT Department shall:

- In liaison with the respective Faculty/ Department/ Section, identify e-waste.
- Ensure that e-waste is collected every year and kept in an appropriate storage pending the recommendations/approval of recommendations of the head of the department/ Principal.
- Execute the recommendations of the head of the department/ Principal and prepare a report to Head of the institution.

Students/Staff will be

Responsible for:

- i). Disposing of waste responsibly, through the appropriate waste disposal system, in accordance with policy and procedures.

- 
- ii). Reporting any problems related department/laboratory waste or waste collection procedure to the 'Head of Department'.

Action Plan

It will be mandatory on the part of the Head of the department/ Principle Investigator(Project)/ in-charge, the waste could either be recycled /reused or disposed of in captive or common treatment, storage and disposed facilities available in the campus. Inventories of 'end of life' consumer products such as e-waste are also required to be made.

Waste avoidance and waste minimization at source

In the hierarchy of waste management, waste avoidance and waste minimization has to be attempted first, for which dissemination of information on technological options should be a continuing exercise. Promote implementation of recovery of resources such as solvents, other reagents and by-products as well as re-generation of spent catalysts in a time frame manner.

Reuse, recovery and recycling of waste

College will explore options/ opportunities of reusing, recovery and recycling of non-hazardous waste in an environmentally sustainable manner. Paper waste will be recycled to make paper board and packing material. Degradable and non-degradable waste are separated and used for vermicomposting. The toxic inks and dyes of the paper will be treated with enzyme technology, which is environmentally benign.

Setting up of common Treatment, Storage and Disposal Facilities

Common treatment plant for the departmental waste will be established and the degradable and non-biodegradable waste will be segregated and treated according to their physical nature.

MONITORING AND REVIEW STRATEGIES

Monitoring

Realisation of the output of this policy shall require consistent monitoring of the output indicators. The institute and other relevant stakeholders will carry out monitoring at different levels. The policy implementation shall be reviewed through the performance contracting execution and reporting structures. A policy implementation plan shall be developed every financial year including actions, time and resource plans.

Review of Policy

The policy shall be reviewed after every 5 years or earlier, as need arises.



Glossary

Recycling

The diversion of waste away from landfill or incineration and the reprocessing of those wastes either into the same product or a different one. This mainly includes non-hazardous wastes such as organic waste, wood, paper, glass, cardboard, plastic and scrap metal.

Responsible person

The person who oversees the wastes to be removed from the premises at which it was produced or is being held.

Waste

waste "materials are not prime products, it is generated during the treatment of raw materials, at intermediate or final stage.

Chemical waste is generated from the use of chemicals in laboratories for teaching and research

General waste includes paper, plastics, glass, liquids and organics.

E-waste, Electronic waste, is electronic products that have outlived their usefulness and are due for disposal. They have toxic components such as lead, mercury and cadmium. Improper disposal of electronic waste pollutes the environment with hazardous toxins, thereby causing widespread health problems and environmental degradation. (The e-waste includes, Ferrous Metals-Iron and Steel 36.2%. Non-ferrous metals -Aluminum, Copper, Lead, Cadmium, Mercury, Gold, Silver, Palladium, Indium, Arsenic, Selenium 19.3%. Plastics- Brominated and Non brominated Plastic 23.4%. Glass -Lead glass and normal glass 15.5%. Other – 7%)

IQAC Coordinator
ASC College, Rahata

I/C PRINCIPAL
Art's, Science & Commerce College
Rahata, Dist. Ahmednagar