

ORGANIC VERMICOMPOST

It is organic fertilizer and manure rich in all essential plant nutrients



Field Visit to Prakriti

Vermicompost

Letter to IQAC

To

The IQAC Coordinator
St. Joseph's Degree College
Kurnool

Date: 10-3-24

Subject: Request for Permission to Organize a Field Visit to Pakriti Vermicompost

Dear Sir,

I hope this letter finds you well. On behalf of the Department of Zoology, I am writing to seek your kind permission to organize a **field visit to Pakriti Vermicompost** on **28th March 2024** for the **second year students** of Zoology.

The purpose of this visit is to provide students with practical exposure to the process of vermicomposting, an eco-friendly and sustainable method of waste management. The visit will help students:

- Understand the biological principles underlying vermicomposting.
- Gain hands-on experience with the techniques used in organic waste recycling.
- Explore the commercial and environmental significance of vermicompost production.

This field visit aligns with the curriculum and aims to enhance the students' learning experience by bridging theoretical knowledge with practical applications.

We kindly request your approval for this educational excursion. We would also appreciate any suggestions or guidelines to ensure the smooth execution of this program.

Thank you for considering our request. We look forward to your positive response.

Yours sincerely,

Dr.C.S.Sreenivasa Rao,
Head, Department of Zoology
St. Joseph's Degree College
Kurnool

Circular

Date: 24-3-2024

Dear Students,

The Department of Zoology is pleased to announce an educational visit to a **vermicomposting unit** on **28th March 2024**. This visit is organized exclusively for the **B.Sc. Second Year students** as part of the curriculum to provide practical exposure and enhance understanding of the vermicomposting process and its ecological significance.

Details of the Visit:

- **Date:** Thursday, 28th March 2024
- **Venue:** Prakriti Vermicompost
- **Departure Time: 10.30 AM**
- **Return Time: 1.30 PM**

Purpose of the Visit:

1. To gain firsthand knowledge about the processes and techniques involved in vermicomposting.
2. To understand the role of earthworms in organic waste management and sustainable agriculture.
3. To bridge the gap between theoretical concepts and practical applications in environmental science.

Instructions for Students:

1. Attendance is **mandatory** for all B.Sc. Second Year Zoology students.
2. Students are required to report on time at the designated pick-up point.
3. Wear comfortable attire suitable for field visits and carry notebooks for observations.
4. Bring necessary items such as water bottles, snacks, and any personal medications, if required.
5. Maintain discipline and follow the instructions of the faculty coordinators during the visit.

We look forward to your active participation in this enriching educational experience. Should you have any queries, please contact the faculty coordinators mentioned above.

By Order

Head

Department of Zoology

St. Joseph's Degree College.

Report on Field Visit to Prakriti Vermicompost Unit
Organized by: The Department of Zoology, St. Joseph's Degree College, Kurnool.
Date: 28th March 2024

The Department of Zoology at St. Joseph's Degree College organized an educational field visit to **Prakriti Vermicompost Unit** on **28th March 2024**. This visit was specifically arranged for B.Sc. Second Year students to provide them with practical insights into the process of vermicomposting and its relevance in sustainable agriculture and waste management.

Objective of the Visit:

The primary goal of the visit was to bridge theoretical knowledge with practical application, enabling students to:

1. Understand the step-by-step vermicomposting process.
2. Learn about the ecological and agricultural significance of earthworms.
3. Recognize the role of vermicomposting in organic waste management.
4. Develop awareness about eco-friendly and sustainable agricultural practices.

Details of the Visit:

- **Date:** 28th March 2024
- **Venue:** Prakriti Vermicompost Unit
- **Participants:** B.Sc. Second Year Zoology students

Event Proceedings:

1. Introduction and Orientation:

Upon arrival at Prakriti Vermicompost Unit, the students were welcomed by the facility manager, [Manager's Name]. An introductory session was conducted, highlighting the unit's role in promoting sustainable practices. The manager explained the importance of vermicomposting as an eco-friendly alternative to chemical fertilizers and its benefits in waste reduction.

2. Process Demonstration:

The students were then guided through the various stages of vermicomposting, which included:

- **Preparation of Organic Waste:** The process of segregating biodegradable waste and its pre-composting treatment.
- **Role of Earthworms:** Detailed insights into the selection of earthworm species such as *Eisenia fetida* (red worms), their role in decomposing organic matter, and their contribution to soil enrichment.
- **Composting Process:** Step-by-step observation of waste breakdown by earthworms, the collection of vermicast, and the formation of nutrient-rich compost.

3. **Interactive Session:**

Students had the opportunity to engage in hands-on activities such as spreading organic waste in compost beds, identifying earthworm species, and collecting compost samples. An interactive Q&A session followed, where students raised queries about composting techniques, maintenance of vermibeds, and the commercial applications of vermicompost.

4. **Applications and Benefits:**

The session concluded with an overview of the economic and ecological advantages of vermicomposting. The discussion emphasized its application in sustainable agriculture, organic farming, and urban waste management.

Key Takeaways:

- The students gained practical knowledge about the scientific principles behind vermicomposting.
- They learned how to set up and manage vermicomposting units, making it a potential skill for future entrepreneurial ventures.
- The importance of adopting eco-friendly methods for waste management and agricultural productivity was highlighted.

Feedback:

The visit was highly appreciated by the students for its informative and interactive approach. Many students expressed enthusiasm about incorporating vermicomposting techniques into their own academic projects and home gardens. Faculty members also commended the facility for its comprehensive demonstration and effective engagement with the students.

Conclusion:

The field visit to Prakriti Vermicompost Unit was a resounding success. It provided a valuable platform for experiential learning and inspired students to explore sustainable practices in their academic and personal endeavors.

Acknowledgments:

The Department of Zoology extends its heartfelt gratitude to the management of Prakriti Vermicompost Unit for their hospitality and insightful demonstrations. Special thanks to the faculty coordinators and student volunteers for their efforts in organizing this enriching experience.



