

AUTONOMOUS JABALPUR- 482001 MADHYA PRADESH, INDIA

# **CRITERION-7**

# INSTITUTIONAL VALUES AND BEST PRACTICES

**Key Indicator – 7.1** 

**Institutional Values and Social Responsibilities** 



**Metric No.: 7.1.3** 

**Environmental Consciousness and Sustainability** 

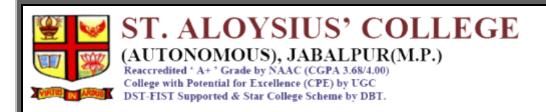






**Document Name** 

Other Relevant Information: Waste Management

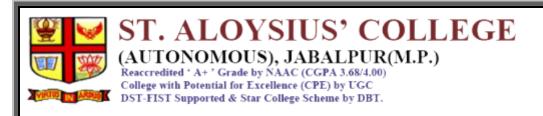


### **Environmental Consciousness and Sustainability**

# 7.1.3 Facilities in the Institution for the management of the following types of degradable and non-degradable waste

#### **Other Relevant Information**

| S. No | Name of the Activity   |
|-------|--|
| 1     | Environmental Sustainability Course  |
| 2     | Extending Sustainability: SAC NSS Vermicomposting Training in Local Villages |
| 3     | Waste Education Initiative: Beyond Campus                                    |
| 4     | Internship program on Vermicomposting for other HEI                          |
| 5     | Waste is Wealth  |

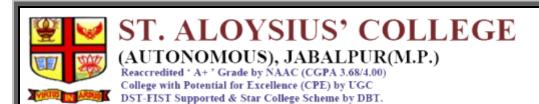


#### **Environmental Sustainability Course**

Every year, the Department of Zoology organize course focused on vermicomposting and solid waste management for students. These courses are structured to provide both theoretical knowledge and practical skills in these areas of environmental sustainability. By engaging students in the process of vermicomposting, the program teaches them how to convert organic waste into valuable compost using earthworms, which is beneficial for soil health and agricultural productivity.

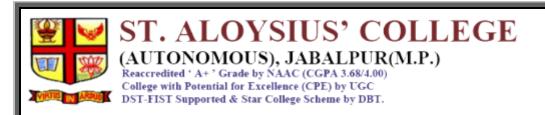
Additionally, the courses cover comprehensive strategies for effective solid waste management, instructing students on how to reduce, reuse, and recycle waste to minimize environmental impact. This annual initiative by the Department of Zoology not only

enhances students' understanding of sustainable practices but also prepares them to apply this knowledge in real-world settings, potentially leading to careers in environmental management, sustainability, and related fields.









### **Activities BEYOND CAMPUS**

Extending Sustainability: SAC NSS Vermicomposting Training in Local Villages

Under the banner of the Unnat Bharat Abhiyan, the NSS unit at St. Aloysius College (SAC) extended its educational outreach beyond the campus by providing vermicomposting training to local villages. This initiative was designed to empower rural communities by introducing sustainable agricultural practices and promoting environmental awareness.

This activity not only served the purpose of community service but also fostered a spirit of collaboration between the college and surrounding rural areas. The engagement provided practical benefits to the villagers and offered a valuable experiential learning opportunity for the NSS volunteers, emphasizing the importance of environmental conservation and sustainable development in real-world contexts.



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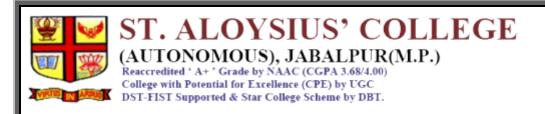
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### Waste Education Initiative: Beyond Campus

#### Awareness drive

In a concerted effort to enhance environmental awareness and community aesthetics, the institution launched a project to educate villagers on the use of dustbins and proper waste segregation. As a practical and engaging way to reinforce this message, the initiative included painting the village walls with educational murals focused on waste management.

These murals vividly illustrated the importance of using dustbins and demonstrated the methods for segregating waste, making the information accessible and easy to understand for all community members. This visual approach not only beautified the village but also served as a constant reminder to residents of the importance of proper waste disposal and recycling.



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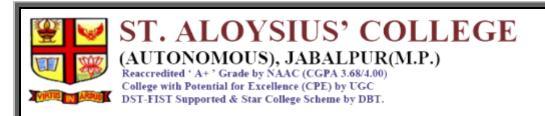




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#### Internship program on Vermicomposting

The Department of Zoology has developed a specialized internship program focused on vermicomposting, targeted at students from other Higher Education Institutions (HEIs). This program is meticulously designed to provide comprehensive training in the process of vermicomposting, for sustainable agriculture and waste management.

The internship aims to equip students with both theoretical knowledge and practical skills in creating and maintaining a vermicomposting system. Throughout the program, participants engage in hands-on activities that teach them how to set up their own vermicomposting units, monitor the process, and troubleshoot common issues. The program also covers the environmental benefits of vermicomposting, including soil enhancement and waste reduction.

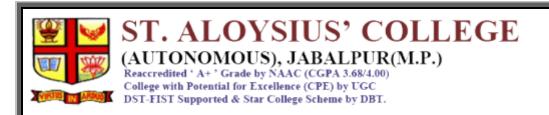


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#### Waste is Wealth

St. Aloysius' College's Nature Club hosted an online competition titled "Waste is Wealth" on Science Day, February 28, 2021. Centered around the theme "Reduce, Reuse, and Recycle," the event aimed to encourage students to consider the value of materials before discarding them, promoting a sustainable environment for the future.

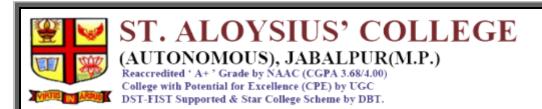
Undergraduate and postgraduate students demonstrated their creativity by transforming discarded materials such as broken bangles, copper wires, plastic bottles, newspapers, pots, and buttons into innovative creations. This initiative not only showcased their artistic talents but also emphasized the importance of judicious resource use and recycling to minimize environmental impact.

The competition served as a platform to spread the message of loving and caring for the environment through thoughtful consumption and waste management. Dr. Shikha Bansal, Dr. Sonali Nigam, and Dr. Runa Paul supervised the event, ensuring that it highlighted the participants' innovative approaches to reusing materials and their contributions to environmental conservation.



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#### **Exhibition of Items made from Waste**







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