



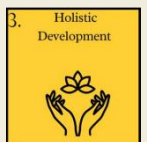
# ST. ALOYSIUS' COLLEGE

AUTONOMOUS  
JABALPUR- 482001  
MADHYA PRADESH, INDIA

## CRITERION-3

### RESEARCH, INNOVATIONS AND EXTENSION

Key Indicator – 3.6  
Extension Activities



Metric No.: 3.6.1

Outcomes of Extension Activities

Document Name

Impact of Extension Activities in  
Environment



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## Impact of Extension Activities

### 3.6.1 Outcomes of extension activities in the neighbourhood community in terms of impact and sensitizing the students to social issues and holistic development

#### ENVIRONMENT

Various projects have been initiated by our institution in SAMARPAN under the banner of ISR, where every student contributed. These projects are done to enhance the quality of life of the people in the target villages. Under the banner of ISR the team SAMARPAN conducted various programs to the school, villages as well as our college campus. These are

- Book Chaining Campaign
- Tree Plantation & Ornamental Crop Culture Program
- Vermicomposting
- Mushroom Cultivation

Objective of this campaign is “To save our mother nature “. As we all know that books are our true friends. Books are made by pages, and we know that page made by the tree. Many trees are cut to make book bars. To protect its nature, cutting trees should be stopped. Growing demand for book bars has also increased in the harvesting of trees.

Most of the activities of environment initiatives were initiated by **NCC/NSS/ISR** conducted various programs to the adopted villages, school as well as our college campus.



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	Activities	Impact
<b>Environment</b>	<ul style="list-style-type: none"><li>• Book Chaining Campaign</li><li>• Tree Plantation</li><li>• Ornamental Crop Culture Programme</li><li>• Vermicomposting</li><li>• Mushroom Cultivation</li><li>• Anti-Plastic Day</li><li>• Water Conservation Day</li><li>• World Earth Day</li><li>• Virtual Plantation Mission</li><li>• Rose Plantation</li></ul>	<ul style="list-style-type: none"><li>• Students are educated to aware of environment for creating eco-friendly society.</li><li>• Students are motivated for the community service and they are made aware of their responsibility towards social issues.</li><li>• strengthened environment-friendly practices.</li><li>• Sensitized the students towards the need and accountability of everyone to respect, protect, and preserve the environment.</li></ul>



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## Book Chaining Campaign

The College has started Book chaining Campaign. It is a simple give and take of books. In this process students can take any book of their choice as return of this they have to give any old book. Student takes books from seniors and gives these books to juniors as well as from teachers to students and is practised within the college and promoted in other institutions where students visit. School level books distributed as a gift to the village school students.





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## Tree Plantation' My Earth My Duty

On 17th July 2019 NCC Army Girls wing Conducted multiple competitions on the topic " My Earth my duty" under the guidance of Dr. Capt. Sonal Rai.



**Impact:** Sensitize the students about out duty to protect, preserve and Respect our Environment.



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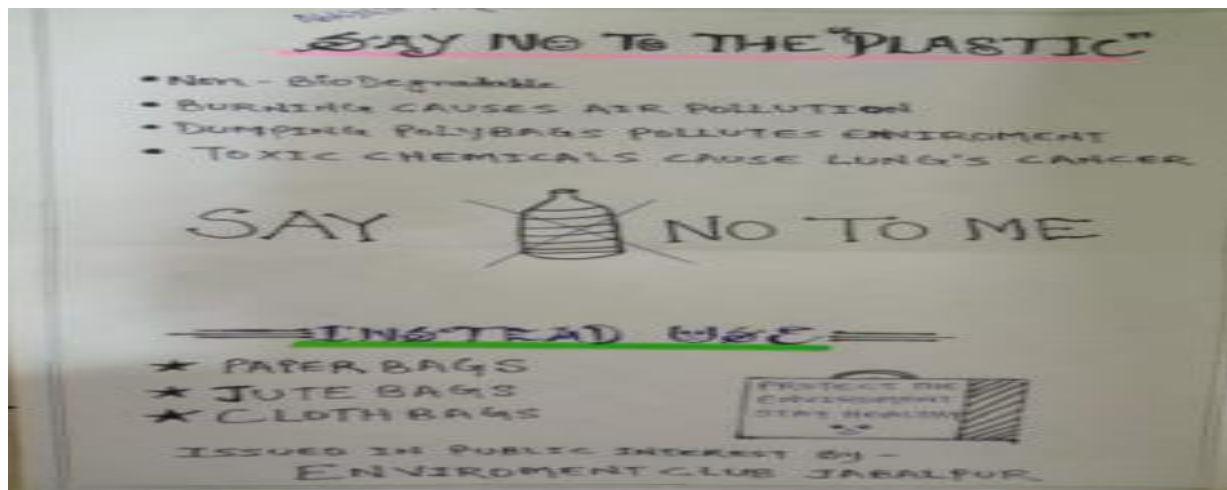
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## Anti-Plastic Day

NCC Army wing (Boys) conducted awareness program on the occasion of Anti- Plastic Day on 3<sup>rd</sup> July 2020. On this event poster competition was organized to make the students and people aware of the bad effect plastic on environment and human beings.





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## Save Water Rally

A rally with an aim to create awareness on water conservation was organised by the NCC Army wing of St. Aloysius' College Jabalpur on 12 November 2021. The rallyists carried out the messages on the concepts of Jal Shakti Abhiyan. 50 Cadets and NCC Staff members participated in the rally.





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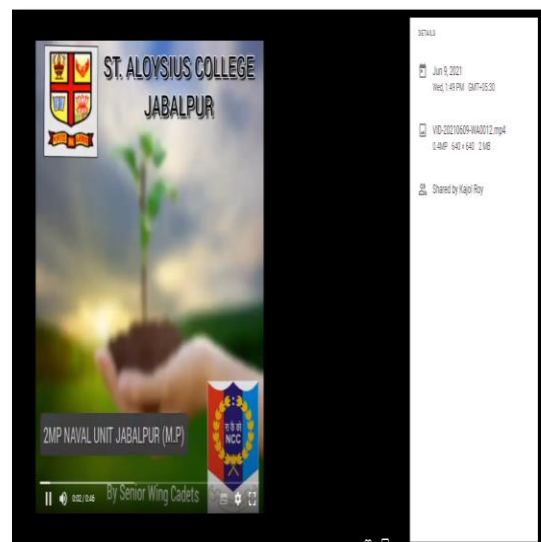
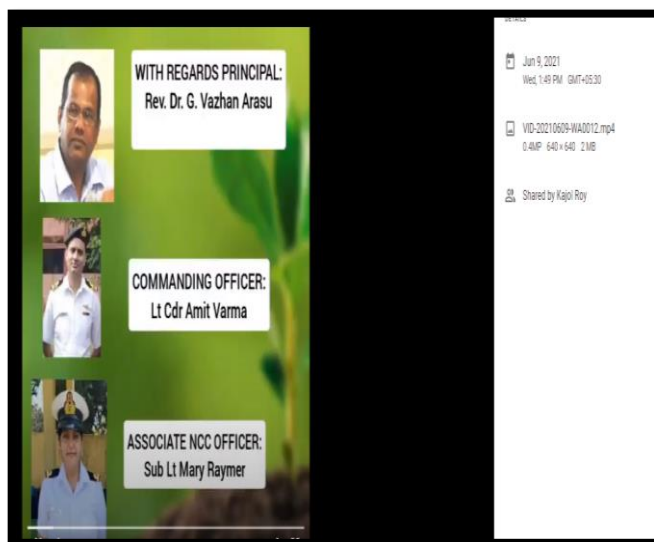
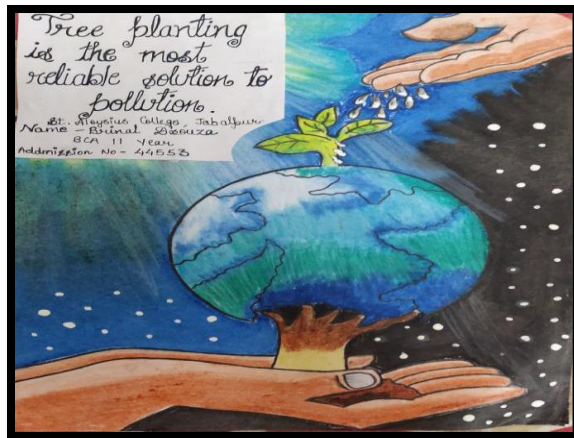
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## World Earth Day

On the Occasion of World Earth Day National Slogan Competition and plantation was organized from 21- 28 April 2021. The theme of the slogan was "Restore Our Earth", the slogan highlighted environmental issues like loss of biodiversity, increasing pollution, climatic change adversely affecting the sustenance of life on the Earth. 102 students participated and shared their views.





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## Tree Plantation Bhitoli

NSS, St. Aloysius College (Auto) Jabalpur organized Tree Plantation Programme on the theme 'One Student One Plant' on 10th August 2019 at Gram Bhitoli, Jabalpur.

### स्वच्छता व पौधारोपण का महत्व बताया

सेंट अलॉयसियस कॉलेज के एनएसएस स्वयंसेवकों ने किया पौधारोपण



सेंट अलॉयसियस कॉलेज के एनएसएस स्वयंसेवकों ने किया पौधारोपण।

**जबलपुर। नईदुनिया रिपोर्टर**

वन स्टूडेंट, वन प्लांट की इस थीम के माध्यम से सेंट अलॉयसियस के स्टूडेंट्स के दल ने ग्राम-भिटोली में एक दिवसीय पौधारोपण किया गया। राष्ट्रीय सेवा योजना इकाई द्वारा एक दिवसीय शिविर लगाकर इस पौधारोपण किया गया। प्राचार्य डॉ. फादर वल्लन अरासु के निर्देशन व प्रोग्राम ऑफिसर डॉ. अभिलाषा शुक्ला व सीमा पोरकर के संयोजन में पौधारोपण किया गया। इस मौके पर 75 स्वयंसेवकों ने पौधे लगाए, जिसमें नीम, आंवला, आम, अमरुद व गुलमोहर के पौधों को विधायक अशोक रोहानी की अध्यक्षता में रोपा गया। छात्राओं द्वारा बापू की 150वीं जयंती के अवसर पर गांव में रैली निकालकर गांव भिटोली को स्वच्छ रखने का संदेश भी दिया गया। स्कूल के स्टूडेंट्स को हाथ धोकर भोजन करने की सलाह दी गई। इनके अलावा जल संरक्षण के लिए वॉटर हारवेसिंग व बहने पानी की रोकथाम के उपायों के लिए भी जागरूक किया गया। स्वयंसेवकों ने अतिथियों का स्वागत एनएसएस बैज लगाकर किया। साथ ही एनएसएस के नए छात्र-छात्राओं का स्वागत भी बैज लगाकर किया गया। आयोजन को सफल बनाने में सोनू बचवानी, पार्षद रिकू विज, नितिन माहेश्वरी, छवि जतिन, अंकित व भी छात्र-छात्राओं का सहयोग रहा।





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## Tree Plantation

NSS planted 4 trees at Pipariya Kalan, Jabalpur. By this they gave the message of planting trees and make our environment green and clean.



**Impact:** created awareness among the students about the importance of planting trees



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## वृक्ष धरा के भूषण हैं करते रहे दूर प्रदूषण

जबलपुर दर्पण। संत अलॉयसियस महाविद्यालय में छात्र-छात्राओं ने घर पर ही पौधारोपण कर पर्यावरण दिवस मनाया। प्राचार्य फादर डॉ वल्लन अरासु और सुखी निर्देशन में डॉक्टर अभिलाषा शुक्ल के संयोजन में किया गया। आयोजित कार्यक्रम में छात्र एक और कोविड-19 महामारी के लिए जन जागरूकता कार्यक्रम में रहकर कर रहे हैं वही माक्स का बनाकर संदेश दे रहे हैं। छात्रों ने इस अवसर पर तुलसी ग्लोस जायसवाल व नीम के पौधों का रोपण किया। वहीं दूसरी ओर स्लोगन के माध्यम से पर्यावरण को सुरक्षित रखने का संदेश दिया। हमारे प्राचीन काल से ही कहते हैं कि एक पेड़ लगाना 10 पुत्रों के समान है कोविड-19 बात की बड़ी चेतावनी है, कि यदि



हमें पेड़ पौधों की रक्षा नहीं करेंगे तो ऐसे न जाने कितनी महामारी का सामना करना पड़ेगा छात्राओं में सृष्टि तिवारी मुस्कान पुरी नेहा जागृति मानसी कपूर शिवानी वर्मा अंजलि साक्षी का सहयोग कार्यक्रम उत्साह बना रहा।

## ग्रामीण क्षेत्र में भी लगे वेक्सिनेशन केम्प

जबलपुर। कोरोना वेक्सिनेशन अभियान को गति देने के कलेक्टर के निर्देशानुसार रविवार को भी जिले के ग्रामीण क्षेत्र में टीकाकरण शिविरों का आयोजन किया गया। स्थानीय जनप्रतिनिधियों, प्रशासन एवं कोरोना वॉलंटियर्स के प्रयासों से कोरोना के टीके लगवाने के प्रति ग्रामीणों में जागरूकता बढ़ी है। इसका उदाहरण शहपुरा विकासखंड के ग्राम विजोरो, चरगंवा, जमुनिया एवं उमरिया में लगाये गये टीकाकरण शिविर में देखने मिला जहाँ बड़ी संख्या में ग्रामीणों ने कोरोना के टीके लगवाये। प्रशासनिक अधिकारियों द्वारा भी इन शिविरों का अवलोकन किया गया।

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## Clean India Programme

NSS Volunteers participated in Clean India Programme on 2 October 2021 organised by Nehru Yuva Kendra, Jabalpur. 20 students participated in this event.





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## Plant plantation and Amrit Vatika construction

Under the Meri Mati Mera Desh (Soil Salutation of the Heroes) campaign, a tree plantation program was organized by the students of St. Aloysius College at the Aanganwadi Center of Pipariya Kala, in which 50 students of the college participated and planted different types of trees.





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## Oath on prohibiting use of Polythene and save Energy

Oath taking Ceremony on prohibiting use of Polythene and save Energy of NSS held on 30th August 2019.







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## Cleanliness Programme

NSS society celebrated Gandhi Jayanti on 02 Oct 2023 and also done cleanliness program. 10 students participated in this event





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## Tree Management

Department of Education organized Plantation on 7 July 2021 in college premises with the aim of promotion of a quality-oriented approach for tree management.





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## Plantation

Nature Club, St. Aloysius College (Auto) Jabalpur organized Rose Plantation.



**Impact :** raising awareness about environmental issues and promoting environmental education.



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## Water Conservation Day

Water Conservation day celebrated by the Rotract club and NCC on 22 March 2021, organized online Poster and Collage Competition on "Save Water". It generated a sense of responsibility among the students towards the conservation of Natural Resources and make them learn the importance of sustenance of Water. 60 Students participated in the event.





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## World Water Day

Samarpan Club celebrated World Water Day on 22 March 2022. Poster competition and Collage Making competition was conducted on this occasion. This event was organized to embark the students with the sense of responsibility towards the conservation of natural resources and make learn the importance of sustenance of water.





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## Virtual Plantation Mission

Nature Club of the college organized Virtual Plantation in the month of November 2020. Students planted saplings of ornamental and medicinal plants in their garden and spread knowledge about these plants in their surrounding neighborhood.



Student name : Neetu  
Plant name : Tagetes



Student name : Upadhi  
Plant name : Catharanthus  
roseus



Student name : Krispin  
Plant name : Petunia



Student name : Shivani  
Plant name :  
Chrysanthemum



Student name : Aneek  
Plant name : Ocimum  
tenuiflorum



Student name : Mahima  
Plant name :  
Petunia, Chrysanthemum



Student name : Mohil  
Plant name : Dracena  
reflexa



Student name : Ayushi  
Plant name : Aloe  
barbadensis

**Impact:** Awareness to keep the environment healthy and clean and plant more trees on their own.



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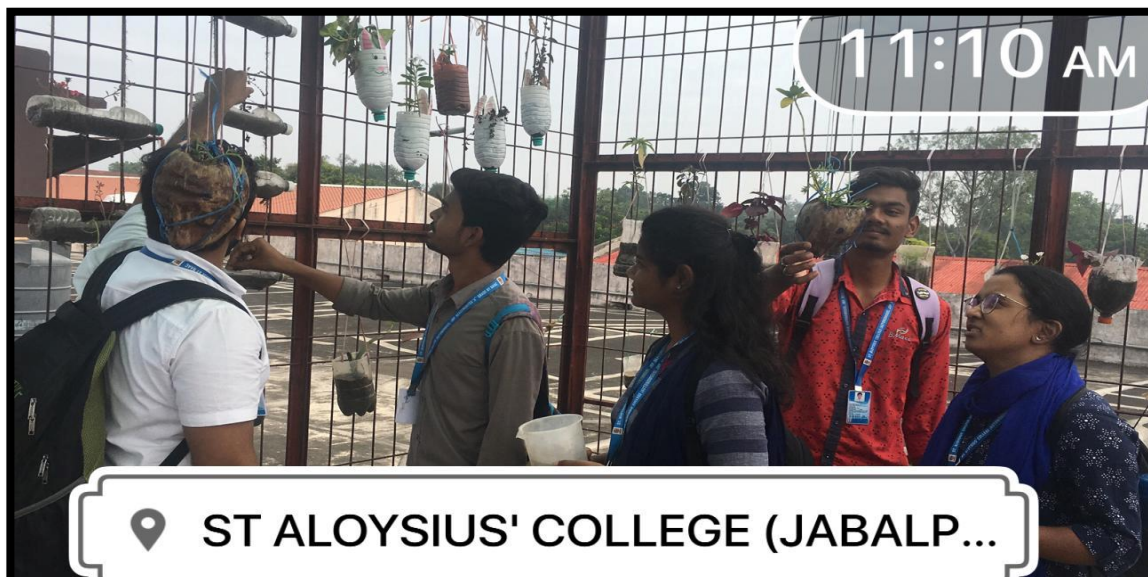
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## Vertical Garden with Used Disposable Bottles

An effort to go green within the college campus Members of Nature Club have established a vertical garden with used disposable bottles After a month of plantation flower are now blooming in these small hanging pots. 24 OCTOBER 2019





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## Rose Plantation

A Rose Plantation was organized by Nature's Club in collaboration with Department of Botany and Microbiology on 26 October 2021. Eco—friendly move towards beautiful Rose Plantation with excellent thought of increasing greenery in the Campus. Total 75 saplings of roses were planted.







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## Environmental Awareness Program

Under the banner of Women Cell in Collaboration with Kadam Institute, Jabalpur, organized Awareness Program on "Environmental Issues" 14th January, 2023. The objective of the Essay Writing Competition was to create writing skill among the students and also aware the students about the present condition of women in Indian societies.



**Impact :** The student volunteers motivated everyone to save the environment by adopting an eco-friendly lifestyle.



### Vermicomposting

Vermicomposting aims to provide a platform for the development of entrepreneurship skill among the students belonging to both rural and urban background. The internship project was designed on the basis of the fact that the municipal wastes; animal wastes, kitchen scraps, non-toxic solids and liquid waste of the industries and household garbage's can be converted into environment friendly, useful and valuable product like Vermifertilizer of economic importance. It is useful for crop production and also alongside helps to maintain a healthy environment. Conversion of garbage by earthworms into Vermicompost and the multiplication of earthworms are simple process and can be easily handled by the students, farmers as well as by the inhabitants of urban society. Vermicompost contains seven times the available potash found in topsoil, as well as five times the available nitrogen and 11 times more calcium delivered gently in organic form to the plants. It does not have any adverse effect on soil, plant and environment. It improves soil nutrition, aeration and texture, thereby reducing soil compaction. It improves water retention capacity of soil because of its high organic matter content. It has a growth-promoting humid substance or phytohormone that accelerates root development and increases crop yield. It lessens pollution, as chemicals are not used and promotes sustainable development.

Above all additional income can also be generated from sale of excess earthworms and Vermicomposting produced. Experimental Design for Vermicomposting

STEP-1 Preparation of Vermined

STEP-2 Collection of Wates

STEP-3 Semi -Decomposition of Organic Wastes

STEP-4 Stocking of Earthworms

STEP-5 Decomposition of Organic Wastes



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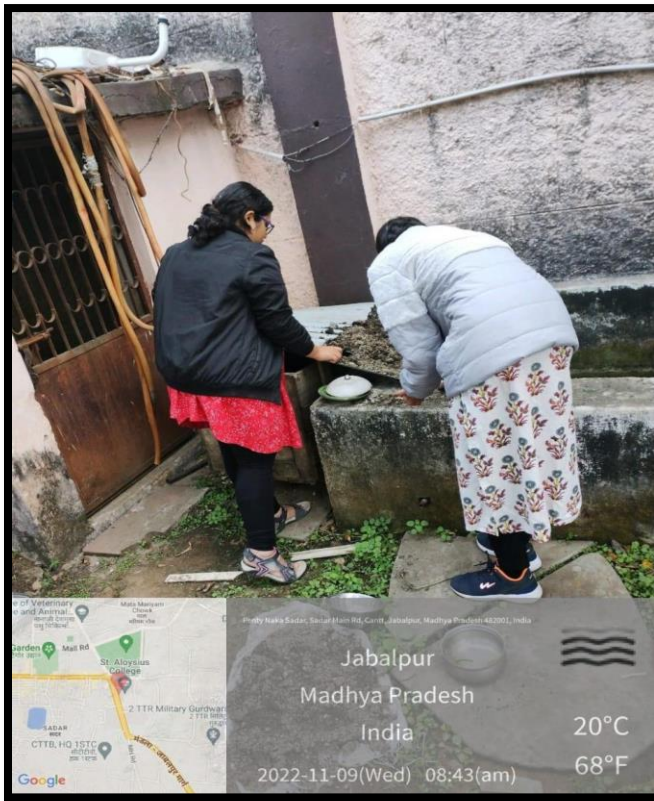
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### Mushroom Cultivation

Mushroom Cultivation Every year the team SAMARPAN with help of Department of Botany and Microbiology conducts workshops and training programmes on Mushroom Cultivation for school and college students. From 2020-2021 a certificate course has been designed for Mushroom Cultivation looking into the interest of participants. Mushrooms provide several important nutrients and medicinal molecules. Indirectly, mushroom cultivation also provides opportunities for improving the sustainability of small farming systems through the recycling of organic matter, which can be used as a growing substrate and then returned to the land as fertilizer. Mushroom cultivation can help reduce vulnerability to poverty and strengthens livelihoods through the generation of a fast yielding and nutritious source of food and a reliable source of income. Small-scale growing does not require any significant capital investment. Mushroom substrate can be prepared from any clean agricultural waste material and mushrooms can be produced in temporary clean shelters.





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