



Management Of The Various Types Of Degradable And Nondegradable Waste



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Azadi Ka
Amrit Mahotsav

Established on 21/09/1989, Recognized under 2 (f) & 12 (B) of the UGC Act, 1956

Affiliated to Raja Shankar Shah University, Chhindwara (M.P.) 480001

Solid Waste Management



Dustbins are used for solid waste collection. Dry and Wet Dustbins are used to separately to manage waste generate in college from there it goes to the municipal cart to further process.

Invited lecture by Shri Uttam Narre (Nagar Parishad Bichhua, Chhindwara M.P.) in NSS

गीला और सूखा कचरा अलग-अलग करें संग्रहण नगर परिषद की अपील

बिछुआ (नवद्विधा न्यूज)। शासकीय महाविद्यालय बिछुआ की राष्ट्रीय सेवा योजना इकाई के द्वारा ग्राम जामटा में स्वास्थ्य जन स्वच्छता एवं व्यक्तिगत स्वस्थ शौच पर लगाए गए शिविर के चौथे दिन के बौद्धिक सत्र में बतौर मुख्य अतिथि के रूप में नगर परिषद बिछुआ स्वच्छता निरीक्षक उत्तम कुमार नर्रे, उपयंत्री सीहार्द मातरे, समाजसेवी उमेश साहू कार्यक्रम अधिकारी डा. नवीन चौरसिया उपस्थित थे। शिवाशुभी स्वयंसेवकों की संबोधित करते हुए बतौर मुख्य अतिथि स्वच्छता निरीक्षक उत्तम कुमार नर्रे ने गीला और सूखा कचरा अलग-अलग संग्रहण करने के लिए प्रेरित किया। साथ ही देश के सबसे बड़े अभियान स्वच्छ भारत अभियान में सहभागी बनाने की अपील की। सरकार ने स्वच्छता सर्वेक्षण के माध्यम से ग्रामीण व शहरी क्षेत्रों के माध्यम स्वच्छता को लेकर एक स्पर्धा रखकर लोगों को स्वच्छता अपनाने के लिए प्रेरित कर रही है। स्वयंसेवक स्वयं ही सजुग होकर आमजन मानस को अपनाने के लिए प्रेरित करें। उपयंत्री सीहार्द मातरे ने अपने उद्बोधन में अपशिष्ट पदार्थों के प्रबंधन की प्रक्रिया को विस्तार पूर्वक बताया। समाजसेवी व एनएसएस के राज्य स्तरीय प्रशिक्षण शिविर प्राप्त

बिछुआ में आयोजित हुआ स्वास्थ्य शिविर। ● जयकुलिया

स्वयंसेवक ने स्वयंसेवकों को राष्ट्रीय सेवा योजना के इकाई, राज्य, राष्ट्रीय शिविरों की विस्तृत जानकारी देते हुए राशेवी के बी और सी प्रमाण पत्र चारक विद्यार्थियों को होने वाले फायदे बताए। साथ ही अपने अनुभवों को साझा कर एनएसएस की व्यक्तित्व विकास का सबसे अच्छा माध्यम बताया। डा. नवीन चौरसिया ने शिविर आयोजन के पीछे छिपी मंशा जाहिर कर कैम्प की गतिविधियों पर प्रकाश डाला।

स्वास्थ्य परीक्षण शिविर में सैकड़ों ग्रामीणों ने कराया उपचार : ग्राम पंचायत जामटा के ग्राम स्वराज भवन में शुक्रवार को सामुदायिक स्वास्थ्य केंद्र बिछुआ के सहयोग से एक दिवसीय स्वास्थ्य परीक्षण शिविर लगाया गया। शिविर में स्वास्थ्य विभाग एनएएम रेशन कार्डधारी, सकिला डेरके समेत विभागीय मौजूद रहा। शिविर में 150 से अधिक ग्रामीणों व शिवाशुभी स्वयंसेवकों ने उपचार करवाकर निशुल्क दवाईयां प्राप्त की। शिविर को सफल बनाने में सहायक प्राध्यापक श्रीमती शशि उडके, स्मिता बेनिया, कविता चहल, अजीत सिंह गौतम, शिवानी सोनी, सुर्वकांत शुक्ला, स्वयंसेवकों में अविषेक नौरे, गजानंद बिस्वकर्मा, विशाल, प्रकाश, आकाश निर्मलकर, सुषमा भलावी, नेहा चौधरी, सुहानी वर्मा, लीना नागरे आदि विशेष योगदान रहा।

Camp, Jhamta for Cleanliness awareness.



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Waste tyres are used to make sitting chairs by students.



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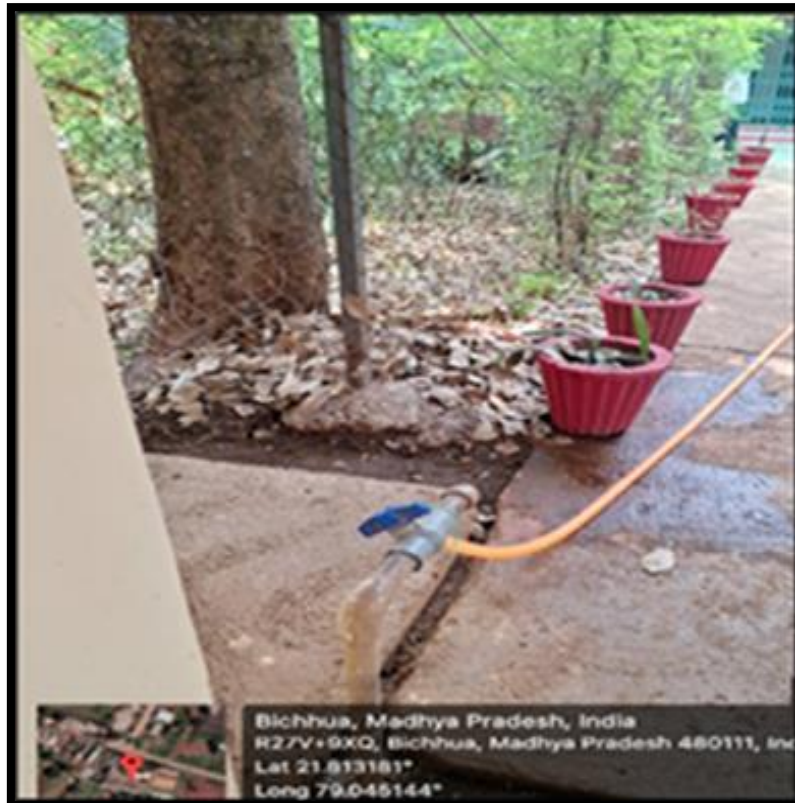
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Liquid Waste Management



Tap are fitted in college premises to irrigate planted trees and plants, in that manner extra or wastewater can be drain into the garden area through canal. Hence water cannot be waste and drain into the sewage.



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Waste Recycling System



Waste tyres can be recycled and used to make Symbol of NCC by NCC students of our college.



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Paper Shredder machine



Paper shredder machine in our college to cut waste papers, into fine strips. These strips can be given to the local vendors. They used it as a shock absorbent material. This machine can recycle the wastepaper in to shock absorbent material.



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Water Management, Waste Management and Plastic Ban Policy

**GOVERNMENT DEGREE COLLEGE
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**WATER & WASTE
MANAGEMENT
POLICY**



The college will adopt the principles of best environmental practice as reasonably possible in the delivery of its waste management services and ecological initiatives.

The college will apply a 'waste hierarchical approach', to reduce, reuse, recycle and recover waste products to manage its waste responsibly, reduce the volume of waste sent to landfill and maximise reuse and recycling where possible.

The College will promote water conservation and energy use efficiencies through effective programs and practices. The university will undertake possible efforts to reduce environmental footprints from university related activities via use of cleaner and eco-friendly practices/technologies.

The college recognizes the importance of compliance with applicable environmental laws and regulations as laid down by the government.

The College will review the environmental objective and targets from time to time in order to minimize resource consumption and improve environmental performance.

The College will communicate this policy to every stakeholder.

The College requires that all the employees, students or anyone else making use of the premises comply with the environmental objectives set in the policy and associated Environmental Management System for upholding the spirit of the document and ensure compliance with all environmental legislations.

POLICY OBJECTIVES:

The objectives of this policy are to:

Promote holistic approach of waste management, resource conservation and green initiatives at the college campus.

Ensure that waste management is performed at collage campus in line with all waste legislative requirements.

Encourage judicious use of environmental resources to meet the needs and aspirations of the present and future generations.

Provide clearly defined roles and responsibilities to identify and coordinate each activity related to waste management and green initiatives.

Disseminate environmental awareness among students and staff members.

POLICY FOR WASTE MANAGEMENT

Solid Waste Management

The College shall apply a 'Waste Hierarchical Approach', to reduce, reuse, recycle and recover waste products to manage its waste responsibly, reduce the volume of waste sent to landfill and maximise reuse and recycling where possible.

Action Plan

Waste Avoidance and Minimization -

waste avoidance and waste minimization have to be attempted first, for which dissemination of information on technological options should be a continuing exercise

2. Segregation of Solid Waste at Source - waste into two streams Biodegradable and Dry waste (Plastic, Paper, metal, Wood, etc.) before handing it over to the collector as mentioned in Solid Waste Management Rules, 2016 laid by Government of India.

3. Reuse and Recycling - The recyclable material like plastic, tin, glass, paper and others should be handed over either to authorised waste-pickers and recyclers.

4. Solid Waste Processing and Disposal - It is advised that the bio-degradable waste should be processed, treated and disposed of through composting or any other suitable. Waste generators would have to segregate process/technology within the premises as far as practically possible and the non-biodegradable wastes shall be disposed through a responsible waste collector or agency as directed by the local authority.

Water and Wastewater Management:

The college shall undertake its best efforts for;

1. Conserve water through efficient fixtures as well as adopt rain water harvesting.
2. Minimise wastage of water in campus.
3. Treat or dispose wastewater originating from university activities in a sustainable manner as per applicable guidelines by CGWA and NGT.

Action Plan

The Liquid waste from the campus consists mainly of domestic sewage from different establishments within the campus. A techno-economic feasibility study can be initiated for arriving at an appropriate solution for establishing Sewage Treatment Plants (STPs). The effluent water can be utilised for landscaping and non-potable use.

E-waste/Hazardous waste/Biomedical Waste Management

The e-waste/Hazardous waste/Biomedical Waste originating at college premises shall be managed as per the policy or regulations laid down by Central and state government such as E-Waste Management Rules 2016, Hazardous and Other Wastes (Management and Trans boundary) Rules 2016 and Biomedical Waste Management Rules, 2016 .

Action Plan:

1. All the departments may be required to carry out an inventory of items which could possibly be classified in e-waste in the next 3, 6 and 12 months from the date of current usage.
2. An e-waste collection centre may be established for obtaining e-waste from different departments.
3. Suitable authorised vendors by the Central Pollution Control Board and willing to offload the e-waste from the campus would be invited for an auction of the e-waste.

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PLASTIC BAN POLICY



Plastic Ban Policy

Following the widespread call for a sustainable environment and sustainable development, the College has decided to outlaw the use of all plastics on its campus.

There is a need for educational institutions to actively contribute to the effort of banning the use of single use plastics. So it is becoming a key responsibility of every citizen of our country not just to “Say No to Plastics” but also to create awareness among the community as whole to stop this pollution and leave behind a green and pollution free place for our future generations

- a) The institution must launch a concerted effort to cut back on plastic use in general and single-use plastic in particular.
- b) The stakeholders' usage of single-use plastic items is harmful to the environment, public health, and societal well-being
- c) Single-use plastic items contribute to environmental issues such trash in the landscape, drains, rivers and streams, and the ocean.
- d) The distribution of single-use plastic products necessitates the use of natural resources and produces greenhouse gas emissions.
- e) Single-use plastic products are a public nuisance and come with hidden costs to the environment, local governments, the state, and stakeholders.

Plastic free campus (avoid using single use plastic)
motivate the staff and students for using bicycles, public
Provisions should be made to transport and/or car pool at
least once a week for routine transportation.

Action Plan

The college shall make provisions to ban the use of single use plastic at college premises. Various awareness programmes may be initiated to motivate the staff, students and people in surrounding areas to phase out single use plastic from their schedule.:

1. Prohibit the use of single-use plastics in the college's canteens, dormitories, and other facilities.
2. Hold workshops, training sessions, and awareness campaigns on the negative effects of single-use plastics.
3. urges instructors, staff, and students to refrain from bringing non-biodegradable plastic goods to the college.
4. Motivate pupils to make their own homes "plastic free" by educating them about the negative impacts of plastics.
5. Require all departments and offices to refrain from using plastic water bottles, and promote the use of substitutes for programmes, such as jute files, paper folders, cloth bags, and paper bags, in place of plastic bottles, bags, and covers.