

Venkatesh Mahajan Senior College, Osmanabad

Best Practice

Title:

Preparation of Alcohol based Hand Sanitizer and distribution among the society.

Goal:

- 1) Hand sanitizers were developed for use after washing hands or for those times when soap and water are not available.
- 2) They are gels that contain alcohol in order to kill the germs present on the skin. The alcohol works immediately and effectively in order to kill bacteria and most viruses.
- 3) The economic and social disruption caused by the pandemic is devastating during this situation Hand Sanitizer was distributed to Society.

The Practice:

- 1) 1500 L of Alcohol based Hand Sanitizer prepared in lab with a batch capacity of 100 L per day.
- 2) The Hand Sanitizer, as per WHO guidelines, which is as follows: Alcohol 70%, Glycerol 1.45%, Hydrogen peroxide 3.00% (this assay is printed in the label also, along with the Directions for use tips.)
- 3) Sanitizer sprayer of 100 ml (container) was given to all staff and among the Society.

Context:

The world is facing a medical crisis amid the CoViD-19 pandemic and the role of adequate hygiene and hand sanitizer's is inevitable in controlling the spread of infection in public places and healthcare institutions. There has been a great surge in demand for hand sanitisation products leading to shortages in their supply. A consequent increase of standard products in the market has raised safety concerns.

Evidence of success:

- 1) The run on hand sanitizer also came as health officials across the country have remained adamant that the best way for people to combat the spread of potentially dangerous germs is simply through diligent hand washing with soap and water.

2) The Centres for Disease Control and Prevention do note that, when it comes to preventing the spread of coronavirus, "If soap and water are not readily available, use a hand sanitizer that contains at least 60% alcohol."

3) With the announcement of the COVID-19 pandemic by the World Health Organization (WHO), experts around the world recommend frequent hand washing, social distancing and respiratory hygiene to reduce the virus' spread.

4) Hand washing is one of the most effective ways a person can protect themselves and their family from getting sick. However, if soap and water are not immediately available, people can also use hand sanitizers.

Problem encountered and Resources required:

1) The use of ingredients that have no effect on the pathogens that causes COVID-19

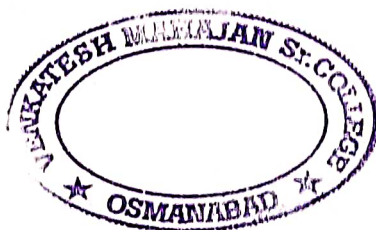
2) Using hand sanitizer is a useful alternative to soap and water, but it should not be a substitute for proper hand washing. According to the CDC proper hand washing techniques can reduce the number of all types of germs, pesticides, and metals on the hands. However, these approved hand sanitizers still do not kill all pathogens.

Head

Department Of Chemistry
Venkatesh Mahajan Sr.College
Osmanabad

PRINCIPAL

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Osmanabad



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Best Practice

Title:

Health Check up for girl students.

Goal:

- To create health awareness among the girl's students to increase the physical strength, make them more confident and help them to be regular in daily attendance.
- Most of the girls are from rural area. The family background of the students is economically and socially weak.
- There is tendency of ignorance about health issues in them and also in their parents which lead them towards bad impact on their health and ultimately to the health of society.
- The health of these girl students can be a major problem in their involvement of higher education

Context:

To create health awareness among girl students. The girls and their parents from our Societies are not conscious about health of girl students and have wrong ideas about their diet. Wrong diet ultimately leads to low HB level in them.

The Practice:

Health Checkup program organized by collaboration with Government Ayurvedic College. Check up of HB, weight, height etc. The problems were discussed by experts.


Evidence of success:

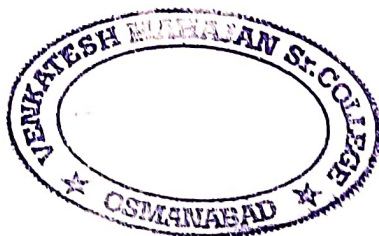
The success issue of this practice involves.

- Increase in health awareness among girls.
- Increase in physical strength of girl students
- Increase in total attendance of girl students during college timing
- Increase in confidence level of girl students.
- Healthy relation is established among girl student, their parent and women staff members.

Problems encountered and Resources required:

- Tendency of girls and their parents to ignore health problems. This may be due to lack of health awareness and their economical background.
- Availability of Doctors and Hospital facilities for application of the scheme.
- Low response by ladies in rural area about participation in survey


Programme Officer
National Service Scheme
V.M. Sr. College, Osmanabad,




PRINCIPAL
Venkatesh Mahajan Sr. College
Osmanabad

Venkatesh Mahajan Senior College, Osmanabad

Best Practice

Title :

Vermicomposting

Goals :

- To produce good quality of vermicompost by utilizing biological waste of campus, using earthworm.
- To aware the student and society to use chemical free vermicompost as organic fertilizer for agriculture.
- To develop vermicomposting and organic farming workshop for farmer.
- To develop skills about vermicomposting among the student

The context:

College is Present in Osmanabad area in this area Irrigation, infertility and Soil erosion is the main problem.

The use of Vermicompost improves soil structure, texture, aeration, water holding capacity and prevent Soil erosion

It is very cheap price as compared to chemical fertilizer so it is easily affordable to poorer farmer.

Practice:

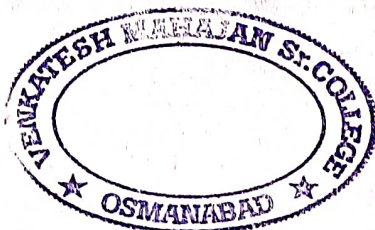
This practice is implemented since the year 2020-21. College has established Vermicomposting unit in college campus with two vermicompostbed purchased from online Amazon.


Vermicompost bed is prepared by adding bio- waste material, soil, cow dung, and spraying the water periodically. After decomposition, earthworm released into the bed. after 3-month black coloured, good quality of vermicompost is ready. This project is carried out with the help of "Earn and Learn scheme "student. There are total 8 student enrolled in this scheme. Till it is continuing.

Problem encountered and Resources required:

Biodegradable organic waste is being thrown nearby areas creating disposable problem in college or nearby areas this bio-waste can be converted into valuable compost. Biodegradable waste material, Earthworm, production of high micronutrient rich compost with the help of student.


convener




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Best Practice

Title :

National Level Essay Writing Competition organized by Hindi Department on the occasion of Rastriya Hindi Divas (National Hindi Day) and Vishwa Hindi Divas (World Hindi Divas) 14 Sept. 2020 and 10 January 2021 respectively.

Goal :

To enhance student's writing skills and thinking abilities.

To make students aware about participating in National Level competition.

The Context :

This competition was organized to encourage students to express their ideas in our National Language i.e. Hindi and its importance in day to day life.

The Practice :

Contribution of Aakashvani in publicity and promotion of our National Language Hindi. (On 14 Sept. 2020)

Contribution of Doordarshan in publicity and promotion of our National Language Hindi. (On 10 January 2021)

Problem Encountered and Resources required:

Pandemic COVID-19 affected essay competition of academic year



अध्यक्ष हिंदी विभाग

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उस्मानाबाद



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