

BEST PRACTICE~1

1. Title of the Practice

Organic Farming and Production of Organic Inputs, Path for sustainable Eco System

2. Objectives of the Practice

- i) To build up awareness among the student and farming community on utilize and preparation of organic compost
- ii) To develop skill related to organic fertilizer, indigenous seed preservations, soil and water management through the six- month self – funded certificate course.
- iii) To create eco-friendly environment

3. The Context

The institution is located in a rural areas and majority of student belong to agricultural background. Keeping this in mind, the institution have come up with an innovative idea to establish a vermicompost unit (production and selling point) within the campus the vermicompost generated to convert the bio-degradable way into organic fertilizer. In this way it can reduce biodegradable wastes generated in the campus upto some extent. Besides this, organic farming practices like use of vermin compost, create awareness an eco–friendly agricultural practices instead of using inorganic and chemical fertilizer among the student community as well as nearby local people.

4. The Practice

The solid waste is collected and segregated into the bio and non-biodegradable waste first. After segregating the biodegradable waste is dumped into vermi compost pit meant for this purpose. Some rotten leaves are kept and a layer of soil is covered over it. Then earthworms are specified for vermi compost production are sprinkled on this .Now the pit is covered with the remaining soil and after one month the bio fertilizer is ready for use. This is a low cost practice, only pit is prepared and earthworm are purchased.

The practice is repetitive and only needs the garbage to be dumped into the pit. The earthworm lay eggs and the eggs are turned into new earthworm, the process continues. The student community and show them common people has been trained to prepare bio-compost, vermicomposting etc. In this regard the institution has taken initiative to organize various awareness and training programme among student and local community. The

reason behind this initiative is to motivate the student as well as nearby people to incline towards organic farming practices in their livelihood from easily available bio-product .The Incubation center of the institution provided guidance in association with North Eastern Small Scale Industries Association (NESSIA) Jorhat and JYOTISKA, a Micro, Small & Medium Enterprise, Government of India and Department of Agriculture, Government of Assam to create small group among the farmers of Kotikuchia Goan, Teok, Jorhat to avail various facilities offered by the department of Agriculture, Govt. of Assam.

5. Evidence of Success

The evidence of success from this ‘Organic Farming Practices’ is that the students as well as nearby community got benefited, for example by achieving the techniques for preparing organic fertilizer the students and local people became aware of use and utility of organic fertilizer in their crop field instead of chemical fertilizer . As a result of which they can be able to produce organic crops and create sustainable ecosystem to some extent. The students are also trained to demonstrate the procedure to the village people.

6. Problems Encountered and Resources Required

Resources Required :

Within some limitations the institution started this programme to aware the students and the local people on organic farming practices. This practices was highly appreciated by local and outside visitors

The resources required for implementing this practices are

1. Expert Skilled Person
2. Financial Assistance for purchasing earth worm and construction of pit
3. Publicity and Awareness.

BEST PRACTICE~2

1. Title of the Practice: Swachh Campus Initiative

2. Objectives of the Practice

- (a) To make College campus clean, green and sustainable.
- (b) To popularize the importance of cleanliness, hygiene and sanitation among students in college as well as home
- (c) To make plastic-free campus

3. The Context

A clean and green environment provide effective and conducive learning environment. Therefore college has taken this swachh campus initiative to work in the areas of cleanliness and greenery in order to create an eco-friendly and sustainable campus and also to disseminate the concept of hygiene and sanitation among them and towards the community through them.

4. The Practice

Clean Drive:

- (a) As a part of Swachh campus initiative, campus clean drive is organized by NSS unit of the institution periodically.
- (b) The college strictly maintains the cleanliness of classrooms, office building, staff room and toilets by engaging cleaning staff.
- (c) Automatic sensor hand sanitizer spray machine have been installed at multiple places for maintaining hygiene among students.
- (d) Sanitary pad disposal machine i.e. Incinerator has been installed in Girls' Common Room.

Plantation: Students and staff enthusiastically initiate and participate in the tree plantations drive on the campus and also outside the campus.

Waste Management: The solid waste is collected and segregated into the bio and non-biodegradable waste. After segregating the biodegradable waste is dumped into vermi compost pit. Non-biodegradable waste i.e. one time used plastic, used to prepare Eco-brick.

Water harvesting: The College installed Rain Water Harvesting tanks to store rain water.

Energy conservation:

- (a) One hour power cut in a week for electricity conservation

(b) LCD monitors are provided to computer lab, office, departments to reduce the of electricity consumption.

(c) Use of LED/CFL bulbs in the place of bulbs/tube lights

(d) Solar street light installed in the college campus

(e) Various slogans are placed in different zone to generate awareness against wastage of electricity

Eco- Brick making: Initiative has been taken to make the campus plastic free zone. Making of Eco-Brick is such a step towards the reduction of one time used plastics in the college campus.

5. Evidence of Success:

(a) College is able to set up Model Medicinal and Aromatic Plant Garden inside the college campus with many medicinal and other rare plants

(b) College is able to inculcate the habit of cleanliness and hygiene among students and staff.

(c) A project has been started on making Eco- Brick from one time used plastics

(d) As an achievement on cleanliness the institution became the recipient of ***One District One Green Campus*** by Mahatma Gandhi National Council for Rural Education (MGNCRE), MHRD, Govt. of India in the year 2020-21

6. Problems Encountered and Resources Required

The college has given emphasis to create clean, green and ecofriendly campus. But limited financial resource is one of the impediments to attain the wholesome success of swachh campus initiative.

The college is situated in man-animal conflict zone, so protecting plants from monkey is one of the major problems encountered by the institution.