



SHAILDEVI MAHAVIDYALAYA

Anda, Durg (C.G.)

BEST PRACTICE

- 1. Sustainable Solid Waste Management.**
- 2. To Promote sports in school students of rural areas.**





SHAILDEVI MAHAVIDYALAYA ANDA, DURG

Recognized by NCTE New Delhi & Affiliated to Hemchand Yadav Vishwavidyalaya Durg(C.G)

CRITERIA 7.2.1

1. Title of the practice:

Sustainable Solid Waste Management.

2. Objective of the practice:

Objective of the Sustainable waste management practice is to convert organic waste coming from college into sustainable waste management and its use as organic compost.

- To convert plant origin wastes from our college campus and animal origin wastes particularly, cow dung into vermicompost in order to maintain a litter free campus all through the year. The vermicompost is not only used on campus gardens but is also made to public at very subsidized rate.
- To develop eco-friendly and novel technologies for restoration and improvement of soil .
- To increase crop productivity through the utilization of Vermi compost.
- To create and sustain pollution free environment for the present generation and posterity.

3. The Context:

Earthworms have long been described as the intestine of the earth, friends of farmers and so on, because of their manifold useful functions in the soil. Recently, earthworms are recognized as one of the bioreactors due to their ability to degrade organic waste materials and convert them into a useful product called vermin compost. The technology is described as vermi-culture technology or vermin-compost technology. The vermin compost technology has become the most suitable remedial alternative and low cost technology of the day.. These earthworms can be cultured or used in composting by adopting simple procedures either in pits, crates, tanks, concrete rings or any containers. Lot of waste is generated from Garden involves leaves, branches etc. while kitchen waste includes leftover foods and vegetables..

4. The Practice:

Compost pits are formed for the purpose of vermin composting at college campus. It filled with organic waste every day. Each pit has capacity of 300-400 kg. The college waste is thoroughly mixed with cow dung. This is to ensure proper mixing and faster decomposition. It also improves the quality of compost. The composting is done on a phased manner. Once the compost is ready after its due course, the compost is sealed in bags and containers. The compost takes only 40-45 days to prepare. The raw material is easily available and training can be easily imparted. The setup cost is minimal and the return on investment is good. Vermicomposting

requires no energy ,electricity input unlike production of synthetic fertilizers which is an energy intensive process

5. Evidence of Success:

We are converting 50-60% of waste into compost using Vermi composting techniques. The compost is used in college gardens, kitchen garden and Navgrah Vatika for enriching the soil. This has eliminated the need for chemical fertilizers for the same. Surplus compost is also marketed as green compost by the college. Our college also marketed organic fruit , vegetables from kitchen garden and milk from cattle forms to the college student and faculties. It provides the revenue to the college and organic products to the end users. Overall maintenance is been taken care by shailja committee. We also provide skill training to individuals like faculty, farmers, gardeners and students who wish to learn this skill of composting. This enhances their job potential and provides a sustainable source of income to them.

6. Problems encountered and Resources required:

No major problems are encountered as such in converting college waste to Organic compost. However, Vermicomposting requires consistent supply of organic waste, segregated of all non-biodegradable things that otherwise can be present and affects the productivity of earthworms and quality of compost there.

7. Conclusions

The Vermiculture and Vermicomposting activity is such a worthwhile and exciting venture. We have learned a lot specifically in the methodologies, benefits and significance of this activity. After almost three months, project delivery and execution, we can therefore conclude that:

1. Vermiculture is a substantial way of reducing wastes, producing fertilizers and maintaining the balance of the ecological environment;
2. Vermi-composting generates high quality fertilizers.
3. It is Ecofriendly.
4. Vermi-culture increases yield and salubrious.

2. TITLE OF THE PRACTICE

1. To Promote sports in school students of rural areas.

2. OBJECTIVES OF THE PRACTICE

Shaildevi Mahavidyalayaplays a major role in promoting sportsmanship among the Rural areas students by offering a platform. Students provided with better opportunities to exhibit their sports talents. They are trained by well qualified sports officer, to participate in the sports events conducted at our college in various levels. Sports and games are organized by the sports committee to enable the students to exhibit and identify their inside caliber, and learn new techniques.

3. Context

College has been providing equal importance to academics and sports. The students have been actively participating in various sports _ including Kho-Kho, Volley- ball, Kabaddi, Athletics,

to practice and maintain their fitness.

4. Practice

Srijan has been organizing by our institute since 2013 to make aware students of rural area for sports. we trained rural area students for better performance & get a chance to take part in state and national level of sports. it is done free of cost by our organization.

5. Evidence of Success

This is a great area to gain popularity and success. Therefore it has been linked to education. For good player we develop skills like leadership, patience, determination for work, how to work in a team competitiveness for success. These are essential qualities which everyone should possess.

6. Problems encountered and Resources required –

1. Lack of interest among students.
2. Lack of adequate facilities and equipments.
3. Economic problem
4. Competition and risk.
5. Potential injuries.

7. Conclusion-

Sports help to keep students healthy fit, energetic and good social life, it improve academic performance and provide better job opportunity.