

## **1. Title of the Practice – NADEP Tank**

**2. Objectives of the Practice – NADEP is a method of making compost. Main objective of the use of compost is to reduce the need for mineral fertilizer and reducing the harmful effect of chemicals. As prepared in the college campus, the outside dependency of the college for compost is ended. This compost never affects the fertilization capacity of soil, hence works as soil amendment. NADEP is the best method for waste management.**

**3. The Context - NADEP composting is a natural process by which biomass wastes, soil wastes and animal wastes are biologically degraded and decomposed into an organic - compost. It was first invented by a farmer named Narayan Deotao Pandharipande (also popularly known as “Nadepkaka”) living in Maharashtra (India). NADEP method uses a permanently built tank of mud or clay bricks, or cement blockettes. This is good where moisture is limiting, and is the best way to make compost after the rains have finished and during the dry season. Solid and liquid management has always been a big challenge for any institution especially in colleges and schools. NADEP is a very good and effective method not only in managing the waste materials but also in keeping the campus neat, clean and hygienic. We have a very beautiful and green medicinal garden in the campus. The compost prepared in the NADEP is used in the garden to increase the fertility of the soil without any chemical fertilizers.**

**4. The Practice – NADEP is in itself a unique method for making compost. Chemical fertilizers have many harmful effects on human beings, soil and crops. They deplete the fertility of soil and cause harmful effect on human body. Waste management is a big issue for any institution. Apart from educating the students and the staff to keep their surrounding neat and clean, management the waste products like dry leaves, weeds and everyday’s litter in the college should also be taught in the colleges. Keeping in view this fact, the college has built a NADEP tank with the help of students. All the litters and residues of the garden is collected in this tank.**

**NADEP tank has been filled in one or two days by the hard work of students under the guidance of their teachers. Before filling the tank, the following materials have been collected together:**

- 1. Dry and green plants and grass.**
- 2. Cow dung.**
- 3. Dried soil that has been collected from cattle pens, cleaning drains, paths,**

**The soil was sieved to remove old tins, plastic, glass, stones, etc.**

- 4. Water in suitable amount.**

**5. Before starting to fill the tank, sides and floor of the tank were thoroughly wetted with slurry made from fresh cow dung mixed into water.**

NADEP tank is not only helpful in the management of waste but from the economic point of view also it is very important.

5. Evidence of Success - Provide evidence of success such as performance against targets and benchmarks, review/results.

NADEP tank is very much helpful in waste management. It is helpful in keeping the campus neat and clean too. It has totally been built by the students of the college. They have gained knowledge about the NADEP tank. A sense of self dependency has been developed in them. The compost, we get from this tank has increased the growth of plants. The college is not spending money on buying chemical fertilizers. Compost made in the NADEP tank is good for soil, it enhances the fertility of the soil.


6. Problems Encountered and Resources Required Please identify the problems encountered and resources required to implement the practice

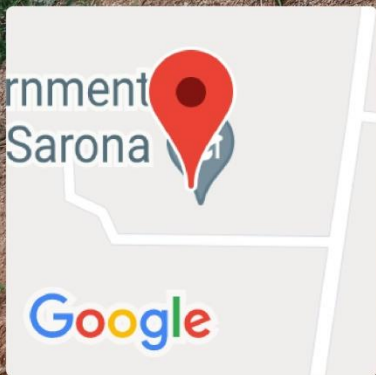
There is no permanent human resource for this purpose. So that it is difficult to maintain the practice during holidays. Unavailability of enough funds is also an impediment to maintain and enhance the scale of this practice.







 GPS Map Camera



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494335, India  
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