

# **S. S. Jaiswal College Arjuni/mor.**

## **Institutional Best Practices**

**SESSION 2023-24**

### **BEST PRACTICE 01**

**1. Title of Practice: - Vermicomposting Technology:** To convert organic waste, particularly food Scraps, dry leaves, flowers & paper into vermicompost.

**2. Objectives:**

- Students will be able to compost in a limited space & describe the composting process.
- Students will get the employment.
- They can generate employments.
- They will turn towards organic farming & contribute for food security.
- Will help top maintain the environment pollution free & will get the knowledge of biodiversity of local earthworms.

**3. The Context:**

Because of excessive use of inorganic fertilizers, pesticides we are losing our quality soil at a alarming rate. So as to restore the richness & fertility of the soil vermicompost is the only total eco-friendly Solution.

**4. The Practice:**

- Two composting tanks of (12 Ft. x 4 Ft) size were constructed to process the organic biodegradable waste.
- Organic waste material (dry leaves, flowers & paper) was collected by the course students from the college campus & filled the composting tank.
- After that by taking all the precautions earthworms were released in to the same tank.
- Students were trained through theory as well as practically.
- After completion of the vermicomposting process the resultant product i.e. vermicompost is applied to the garden plants in the campus.

**5. Resources Required:-**

- Composting tanks, food Scraps, dry leaves, flowers, partly decomposed cow dung, earthworms.

**6. Evidence of Success:-**

- We have successfully completed fourth cycle of composting.
- About 400 Kg vermicompost was harvested

### 7. Problems Encountered : Nil



## **BEST PRACTICE 02**

1. **Title of the Practice:** Best from Waste (Making medicine envelop from waste paper)
2. **Objectives:**
  - To increase awareness about pollution.
  - To increase awareness about waste management.
  - Inculcate the social responsibility in students towards society.
  - To reduces government expenditure on medicine envelope.
3. **The Context:** In the waste management theory reuse is one of the most important parameter. By reusing the waste-paper in making useful things is the need of future. To reuse waste and create awareness among students about waste management department of chemistry make medicine envelope from old papers of practical record and assignments note books.
4. **The Practice:** Dept. of chemistry make medicine envelope from evaluated old practical records and old assignment note books rather than they throw away. All students of chemistry subject make envelopes in batch wise. These envelopes are distributed to nearby government hospitals with the help of students.
5. **Evidences of success:** Students are actively takes part and make the envelopes. Near about 30 kg papers are converted into the useful envelopes and handed to nearby primary heath centre (PHC). The Hospital distributes their medicines in these envelopes rather than put in patients hand.
6. **Resources required:** Old record book and assignments book.



**Students are making envelopes**