



S.T.S.N. Govt. Degree College

KADIRI - 515591

Sri Sathya Sai Dist., A.P.

7.1.3 - Facilities in the Institution for the management of degradable and non-degradable waste

- Solid waste management
- Liquid waste management
- E-waste management
- Waste recycling system

Bio-Mass Conversion Technology (Wealth out of Waste)

VERMICOMPOST PREPARATION IN THE COLLEGE AS AN INCOME GENERATION INITIATIVE

1. **Vermicompost:** Vermi compost is organic waste converted into manure with the help of worms, vermicompost can be done for self use, alternate income or commercial purpose. The main inputs in the preparation of vermicompost are Different organic waste in the semi decomposed form.
2. Even, Leaf can be used after partially rotten condition.
3. Any protective form of Vermi shelters can use. The main purpose of this shelter is to protect the earth worms from adverse climatic conditions and natural enemies and also to avoid escape of earth worms in to the soil. In this filed visit we observed the use of HDPE vermicompost bins. These bins are very useful, can be shifted to any place and are reusable. The use of bins is also economical
 1. The entire bin is ready for making vermicompost.
 2. Strict supervision and water management of the vermicompost is a pre requisite.
 3. The end product is carefully sorted by using a sieve or rotary sieve made up of Iron metal.





Students collecting foliage and other Natural waste from the college premises







Principal, Staff and Students actively participating in sales process as an income generating initiative.

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E-Waste Management

Department of Computer Science & Computer Applications took pledge taking inspiration from the Ministry of Electronics and Information Technologies' call given towards making 100 percent clean energy out of E-Waste by utilizing them by conducting special training class. In this regard the college Computer science Department organized a practicum and awareness programme to the students.



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