



STSN GOVERNMENT DEGREE COLLEGE

KADIRI - 515591

SRI SATHYA SAI DT.



7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words)

- 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. **Vermicopost:** 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 thisshelter 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 madeup of Iron metal.





**Students collecting foliage and other Natural waste from the college premises**







**Watering the Feeder Pits**



**Extraction of Vermi Manure**



**Manure free of plastic is another key factor in Quality Assessment**





**Packing of Vermi Manure**



**The Principal appreciating the production of NPK rich Black Gold Vermi Manure**



**Students proudly showing the Bio-Mass converted into Black Gold**





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



# E Waster Management

Department of Computer Science & Computer Applications took pledge taking inspiration from Ministry of Electronics and Information Technologies call given towards making 100% 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.





Special Training Program on Hardware & Networking

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**PRINCIPAL**  
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