SRI VASAVI ENGINEERING COLLEGE(AUTONOMOUS)

(Sponsored by Sri Vasavi Educational Society)
(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)
(Accredited by NAAC with 'A' Grade, Recognized by UGC under section 2(f) & 2(B))
(**NBA** Accreditation to B.Tech. EEE, CSE, ME and ECE Branches for 3 Years)
Pedatadepalli, **TADEPALLIGUDEM – 534 101.** W.G.Dist**. (A.P)**

Facilities in the Institution for the management of Degradable and Non-Degradable

1. Solid waste management
2. Liquid waste management
3. E-waste management
4. Waste recycling system

Response:

1. **Introduction for Waste Management:**

Sri Vasavi Engineering college has following a for the management of waste generated on the campus using the basic waste management strategy such as Reuse Reduce and Recycle. The wastes generated on the campus include liquid waste and solid waste- both biodegradable and non- biodegradable in nature. No classified hazardous waste is generated on the campus. The environmental policy of the institute is to achieve zero discharge and complete utilization of waste with well-designed strategies to make the campus clean, hygienic, and healthy.

2. **Solid waste managment:**

Sri Vasavi Engineering College took major steps to manage the waste to protect and create a clean and pleasant environment. The college has 30 members team for housekeeping. Every day they regularly collect an average of 220 kg solid waste from the dust bins placed on the campus including departments, administrative-office, canteens, hostel, and guest houses. The dry waste consists of paper, plastic, dry leaves etc., and are collected separately. Plastic and scrap are given to the external agencies for recycling. Construction waste generated are used in land filling on the campus. The dry leaves, twigs etc., are collected and decomposed in a compost pit which is used as manure for trees and plants. The wet waste like food waste, vegetable waste and fruit waste etc., are disposed to vendors.

Food waste generated in canteens and mess is disposed to piggery

3. Paper waste Management:

The Paper waste from departments, libraries, administrative offices, Hostels is disposed of through vendors. SVEC promotes digital platforms to reduce the usage of paper for communication and sharing documents. E –Cap software   is used for student data maintenance, attendance and faculty leave, Circular ,Student fee payement.etc., A-mail is also used for communication among the internal faculty members.

4. Liquid waste management:

Liquid waste from the wash rooms, toilets of all buildings, canteen and messes is collected and transported by means of well-conceived sewerage system to sewage treatment plant of capacities 50 KLD. The treated wastewater (sewage) is used for the gardens and lawns in the campus and toilet flushing. Wastewater from laboratories is disposed off into closed collecting tank after neutralizing the chemicals etc. Eco-friendly floor cleaners are used periodically for cleaning toilets.

5. E-waste management:

E-waste or electronic waste is created when an electronic product is discarded after the end of its useful life. E-waste mainly includes obsolete electronic devices such as computers, servers, monitors, TVs & display video devices, printers, scanners, copiers, fax machines besides refrigerators, air conditioners, e- waste also covers recording devices such as DVDs, CDs, floppies, tapes, printing cartridges, electronic components such as chips, processors, mother boards, printed circuit boards etc.

Sri Vasavi Engineering college has also taken several steps to restrict the generation of waste. Bio degradable plates, steel plates are used instead of plastic plates; steel spoons are used in place of plastic spoons in the canteen and hostel. Usage of plastic bags is banned in the campus. Awareness programs on waste management are conducted regularly for the faculty, staff and students, to promote awareness of adopting eco-friendly practices.