



SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY

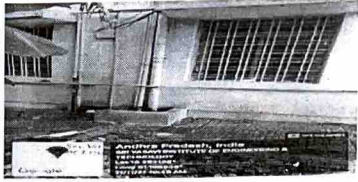
Accredited by NBA (CSE, ECE & ME) & NAAC 'A' Grade Approved by AICTE, New Delhi

Affiliated to JNTUK Kakinada, An ISO9001:2015 Certified Institute

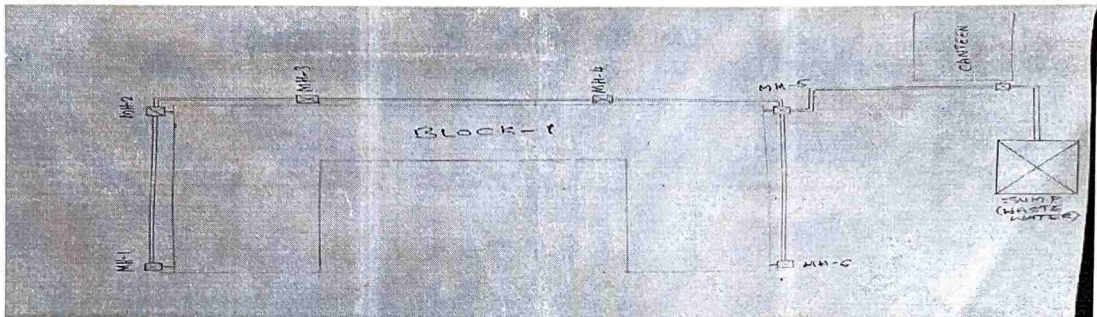
Nandamuru, Pedana Mandal, Krishna Dist – 521369.

A/Y : 2022-2023

LIQUID WASTE MANAGEMENT

Name of the facility with location	Description	Links for geo-tagged photos	Geo tagged photo
Sewage Disposal System (Block-I Back Side)	The entire campus sewage is collected at 3 different points and is disposed as conventional method of sewage underground manhole wells. The campus is cleanly maintained.	https://www.sviet.edu.in/cellwwr	

The entire campus sewage is collected at 3 different points and is disposed as conventional method of sewage underground manhole wells. The campus is cleanly maintained and the arrangement is shown in layout.



The conduits used in SVIET building are of type viz., cement asbestos, PVC, GI or cast iron. All the over flowed rain water from roof tops enters into the drainage system to rain water harvesting pond will undergo initial screening process, where all the dirt, leaves, stones other materials will be collected at the screen bars to prevent bad smell, silting and eutrophication.

For efficient operation and maintenance of distribution system, the following activities are undertaken by SVIET technicians.

- Preventive Maintenance, this is the regular activity carried out to prevent break down and to ensure that assets fulfill its service life.
- Preventive maintenance includes servicing of equipment and distribution system, inspecting wear and tear and replacing with necessary parts.
- Annual task includes flushing the distribution system and checking all the fire hydrant valves. Corrective maintenance is carried out when a part of system is fulfilled its service life, replacing it with necessary new parts.
- To reduce the harmful bacteria activities chlorine tabs has been used.

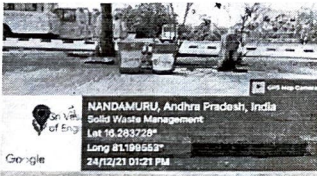
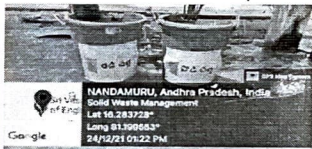
Solid waste management:

The collecting, treating, and disposing of solid materials that is discarded because it has served its purpose or is no longer useful. Improper disposal of solid waste can create unsanitary conditions, and these conditions in turn can lead to pollution of the environment and to outbreaks of vector borne diseases. The tasks of solid waste management present complex challenges. They also pose a wide variety of administrative, economic and social problems that must be managed and solved.

In our campus various wastes are collected and segregated in methodically at the source level. Two types of wastes are collected (1) Dry waste and (2) Wet waste. Wet waste includes organic waste (i.e. Kitchen waste, vegetable waste, fruits, flowers, leaves from the garden and paper). Organic waste are collected, segregated and then transferred to compost pits. The output is later used as manure in the garden area.

Dry waste can be further segregated and shifted to scrap yard in to recyclable waste like plastics, glass, paper, metal, paints, chemicals etc. and inert waste like debris etc. are used for land filling.

The stored solid waste will be disposed to authorized agencies which are approved by the Pollution Control Board for recycling purpose at regular intervals.

Name of the facility with location	Description	Links for geo-tagged photos	Geo tagged photo
SOLID WASTE MANAGEMENT	Campus various wastes are collected and segregated in methodically at the source level	https://sviet.edu.in/public/images/1%2020211224_12154PM_By_GPSMapCamera.jpg	
		https://sviet.edu.in/public/images/2%2020211224_12201PM_By_GPSMapCamera.jpg	

E-WASTE MANAGEMENT

The institution generates 'e' waste like computers, key boards, mouse, scanners, fax machines, CD's, pen drives, calculators, cables, burnt tube lights, circuit boards, burnt electrical motors and other digital equipment like cameras etc.

Institution follows two methods of disposing e-waste (1) Collection of 'e' waste through bins and storing the e-waste generated in prescribed room called as e-waste room.


Electronics waste are of Category


Electronics waste are of Category-1 waste like computers, and computer peripherals

Category-2 Cartridges, printers, printed boards etc

Category-3 Electrical Tube lights, electrical cut pipes

Category-4 Burnt electrical motors, transformers etc.

Name of the facility with location	Description	Links for geo-tagged photos	Geo tagged photo
	Electronics waste are of Category-1 waste like computers, and computer peripherals, Category-2 Cartridges, printers, printed boards etc, Category-3 Electrical Tube lights, electrical cut pipes	https://sviet.edu.in/public/images/Waste-1.JPG	

E-WASTEMANAGEMENT	and Category-4 Burnt electrical motors, transformers etc	https://sviet.edu.in/public/images/Waste-2.JPG	
-------------------	--	---	--


Coordinator


Principal
Principal
Sri Vasavi Institute of
Engineering & Technology
NANDAMURU