

SWAMI VIVEKANAND INSTITUTE OF ENGINEERING & TECHNOLOGY, PUNJAB

(Affiliated to IKGPTU, Jalandhar & Approved by AICTE, New Delhi)



WASTE MANAGEMENT POLICY

2022

Preamble:

Swami Vivekanand Institute of Engineering & Technology (SVIET) has Waste Management Policy articulates commitment to reducing its environmental impacts through effective Waste Management and sustainable practices in converting Waste to resource. The SVIET Campus strives to work for obtaining a Zero Waste plan thus obtaining its Eco friendly status through the policy of **Reduce, Reuse and Recycle**. It is committed towards implementing an effective and responsible waste resource management process that meets legislative, regulatory and best practice legislation and guidance.

Purpose:

The Waste Management Policy aims to ensure that the College manages waste issues in line with the prevention of pollution and adheres to the compliance of environmental legislation at all times.

Objectives:

1. Reducing, re-using, recycling Waste.
2. Minimising the generation of Waste.
3. Making use of natural or renewable materials, wherever possible.
4. Treating and safely disposing of Waste to reduce the pollution.
5. Promoting and ensuring the effective delivery of Waste services.
6. Ensure that the stakeholders are aware of the impact of Waste on their health, wellbeing and the environment through Awareness programs
7. Ensure the protection of the environment through effective Waste Management measures.
8. Encourage Waste to energy options through projects and research work
9. Ensure segregation of Waste at the source

10. Follow the waste management hierarchy – Avoid, Reuse, Recycle, Energy recovery, and Treatment & Disposal.
11. Promote Collaborations with Govt. Bodies, Industries and NGOs to promote sustainable practices in the Campus

Procedure:

All staff members and students are encouraged to help recycle as much waste as possible. The waste management policy also includes the need to consider end of life disposal costs and environmental impact when making procurement decisions. Such considerations are included during the construction of new gardens or refurbishments inside the premises.

Solid Waste Management:

Staffs and students shall be instructed to avoid generating waste. Solid waste shall be isolated and deposited in the YELLOW bins dedicated for the purpose on all floors. Food waste shall be used to supplied to piggery. A biogas plant to be managed bio-waste from canteen and the generated gas is used in the canteen. There shall have separate bins for degradable and non-degradable items in each class room; red painted for plastic and related stuff, and green ones for paper. Waste from various rooms shall be collected and scrutinized for segregation. The segregated waste can be sold to the agency for recycling. Precaution shall be taken not to bring disposables such as PET bottles, thermocol, paper plates or cups to the campus. An incinerator shall be installed in the campus to burn garbage.

Liquid Waste Management:

Liquid waste generated in the wash areas (bath rooms, toilets), labs, canteen and snack area shall be passed through drains to absorb into the earth midway through the

college ground. Canteen wastewater shall be managed through sedimentation pits which are cleared periodically of the waste and the rest of the water shall pass into the traditional drain.

E-Waste Management:

E-waste, or electronic waste, refers to discarded electrical or electronic devices. Proper management of e-waste is crucial due to the potential environmental and health hazards associated with improper disposal. The college shall take care of the safe disposal of e-waste. The following items are identified as e-waste and agency shall dispose of this waste safely.

1. To be Established collection points for e-waste where individuals and businesses can drop off their old electronic devices.
2. Segregating e-waste based on its type and components to facilitate proper recycling.

CPU, Mother Board, Mouse, Network Switches, Scanner Cable, Box Server, computer Inverters, Compressor, Electrical Switches, CRT Monitor, LCD, Monitor, Computing Terminals, Photo Copier, SMPS, Fax Machine, Pump, Bio Medical, Equipment, Lead Acid, Batteries Miscellaneous, E Waste etc. The following measures shall be in place for waste recycling:

1. All one-side used papers shall be utilized for routine printing activities.
2. Saleable materials like paper bits, plastic waste including accumulated PET bottles etc shall be sold to recycling agents thus generating some income for outreach activities.
4. Ballpoint pens shall be put to REUSE by inserting new REFIL and sold at cheaper rate to agent.

Hazardous Chemical Waste Management:

Hazardous chemical waste management is a crucial aspect of environmental protection and public health. Improper handling, storage, and disposal of hazardous chemical waste can lead to severe environmental contamination, harm to human health, and legal consequences. Use of hazardous liquid chemicals generating hazardous fumes shall be avoided using fume hoods and shall be handed over to the treatment yard agencies.



Authorized Signatory

SWIFT