

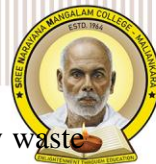


7.1.2 Management of the Various Types of Degradable and Non-degradable Waste

SNM College is committed to promote sustainable waste management practices to reduce the environmental impact of its operations. One of the institution's principle is to keep the campus in pristine condition in order to provide a conducive environment for academic and non-academic interests. All stakeholders follow good hygienic practices as well as a comprehensive waste management plan. The core concern is to reduce, reuse and recycle wastes generated in the campus.

Solid waste management

- As part of the green protocol, all the departments have been conducting programmes with paper or cloth banners, to avoid plastic usage, and serve tea in steel glasses.
- All Departments, laboratories, and Classrooms are provided with dustbins for dry waste disposal.
- The Solid waste generated on the campus is segregated as bio-degradable and non-bio-degradable wastes.
- **Biogas Plant:** The organic waste material collected from the college campus, is used in the biogas plant to produce renewable biogas energy. This energy is used in the canteen for cooking.
- **Incinerators:** The college has installed Incinerators for the disposal of sanitary pads in the Girls' Common Room and in selected toilets as a step towards eco-friendly disposal mechanisms.
- **Vermicomposting** is practiced in the campus under the supervision of departments Zoology and Botany.
- Non-biodegradable wastes are handed over to Haritha Karma Sena of Vadakkekara panchayat as part of the Swathh Bharat Mission and "Collectors at College".



- The College has signed an MoU with **Greenland Eco Industries** to lift the dry waste from the campus. [Solid waste MoU Link-](#)
- Apart from the solid waste management in the college campus, the **Haritha Sena under the NSS Unit of the college**, functions to collect used plastics during the local festivals and hand them over to Panchayat.

Liquid waste management

- One Soak Pit for groundwater recharge is constructed for non-hazardous liquid waste generated from labs.

Biomedical waste management

- On campus, no biomedical waste has been generated.

E-waste management

- E-waste management is carried out through the Department of Physics. Components and other small devices/parts of non-repairable equipment are used to fabricate new experimental kits/power supplies.
- The unwanted computer machines/devices/printers/scanners/keyboards/mouse, etc. are transferred to external agencies through MoUs.
- For dispose-off e waste materials, signed two Mous with
Aspire Greens, Parutheli Jn, Kanjirathingal Building, Marottichuvadu, Edappally, Ernakulam - [E-waste MoU Link-](#)
Prudent Technologies, 243/2, Lokamaleswarom, Kodungallur, Thrissur: all forms of e-waste and or e-scrap collected out of discarded electronic equipments of all kinds. [E-waste management MoU Link-](#)

Hazardous chemicals and Radioactive waste management

- Hazardous chemical wastes in the laboratories are safely disposed of in a marked basin and collected in a separate tank outside, then carried away by the firm for treatment.