



**SREE
NARAYANA
COLLEGE
KOLLAM**

POLICY DOCUMENT

**MANAGEMENT OF
DEGRADABLE AND
NONDEGRADABLE
WASTE**

The college has laid out a coordinated practical waste administration approach in tune with the ambitious Swachh Bharat Abhiyan launched by the Prime Minister that minimizes waste production and provides economic benefits through scientific waste management. The college has a powerful waste administration framework to deal with the diverse nature of wastes generated. The management of degradable and non-degradable waste involves a variety of strategies and techniques to Reduce, Reuse and Recycle and are effectively adopted by the college.

The college has a centralized waste management system piloted by a team of dedicated students, academic and administrative staff supported by a dedicated workforce of sweepers and scavengers. We follow a policy of 4RD including Refuse, Reduce, Reuse, Recycle and Dispose. The policies adopted by the college for effective waste management include:

- Usage of single-use plastic is prohibited.
- Flex Boards have been replaced with cloth banners and e-banners.
- Disposable free campus.
- Use of steel plates and glasses instead of disposable items.
- Lunch packets are restricted in the campus and steel lunch boxes are encouraged.
- Litter and plastic free campus.

Solid Waste Management

- Aerobic Composting Units are installed in the campus for the disposal of biodegradable wastes generated through the paper waste, food waste, garden trimming, dry leaves, vegetable wastes from the canteen and other organic wastes in the campus. The unit efficiently convert organic waste materials into valuable resource that can be used as a soil amendment for nourishing the plants in the campus.
- Colour Coded Waste Bins have been placed throughout the campus at different vantage points for proper collection, handling and segregation of wastes. The usage and recovery of components through sustainable waste management are benefited by this method since it avoids any wastes from being mixed together.

- A Biogas Plant has been functioning in the college to convert the food waste from college, hostel and canteen into biogas.
- An incinerator is installed to burn non reusable paper and sanitary napkins.
- The College has an agreement with the government initiative Haritha karma Sena to collect solid waste materials produced inside the campus.
- The use of single use plastic is banned in the campus. Plastic bottles are collected by our students and is recycled by using it as planters in the garden. Massive plastic collection is also undertaken as part of regular cleanliness drive organized in the college. The disposable plastic ice-cream cups and plastic straws are banned in canteen and cooperative store.
- Students and faculty members are encouraged to use steel lunch boxes and steel glasses.
- NSS regularly conducts Campus Cleaning Drives, and help to collect and segregate waste after college events. Students and teachers clean the campus and their classrooms on a regular basis.
- Display Boards are mounted throughout the campus to provide awareness to students regarding proper waste management.

Liquid Waste Management

- Wastewater from canteen, wash areas and hostel kitchen are redirected to the gardens.
- Water from the rain harvesting system is used in gardens and washrooms.
- Wastage of water is effectively minimized through regular maintenance of leaking pipes and by using drip irrigation for gardening.

E-waste Management

- A minimal e-waste generation is ensured through periodic maintenance of computers and other electronic gadgets.
- E-wastes are collected and managed by experienced personnel handling toxic wastes from Kollam Corporation.