



WASTE MANAGEMENT RESPONSE 2022

BARBHAG COLLEGE

Kalag: Nalbari: Assam

Waste management is an essential service for maintaining the quality of life and ensuring better health and hygiene for human life. It become one of the challenging problem globally and falls short of the desired level in its outcome. For increasing efficiency and effectiveness in this regard, it is necessary to tackle this problem systematically.

Barbhag College as an institution of higher education has followed a waste management policy within and outside the campus. It also follows the principle of 5 Rs i.e., Refuse, Reduce, Repurpose and Rot as per the government instruction. For that purpose and endeavours, College follows a waste management policy with following objectives—

1. Enhancing and preaching Swachh Bharat Abhiyan through the volunteers, students and staff by organising cleanliness drive in and beyond campus initiatives. Thus, it tried to extend its service in this direction in an inclusive manner.
2. Creating a waste management environment within the campus.

Waste management provisions:

(i) **Solid Waste:** The Solid Wastes are divided into Bio-degradable and non-biodegradable wastes. These types of waste generated from classrooms, laboratories, library, toilets, canteen etc. for the collection of these waste, dustbin are placed at suitable places. Bio-degradable wastes are used to prepare vermicompost. Dry leaves, papers, grass, kitchen waste of canteen are used to prepare vermicompost by disposing it into a composing bin. The non degradable garbage is collected and deposited in the garbage bins on daily basis. The college has signed MoU with the village Panchayat of Kalag and it provides non-degradable wastes rickshaw to carry the wastes to designated spots.

(ii) **Liquid Waste:**The College has maintained a system of liquid waste management. The liquid waste generated from canteen, toilets, laboratories of science departments. The college has maintained a proper drainage system, installed tanks for dispose and let out the liquid

waste. Scientific dispose chalkpit for the liquid wastes is installed near the laboratories. Drinking water facilities are available in different corners of the buildings. The students and people are instructed through signboard for the proper use of water tap. The college also tried to reuse the waste water and one tube well is kept open, i.e., with no drainage so that waste water of that tube well can automatically watered nearby open grass field and trees. A rain water harvesting management system is also provided to reuse the rain water in washing basin of college canteen and watering medicinal garden of the of the college.

(iii) E-Waste: The majore-wastes generated in the college are batteries, computer devices, wires, and cables. The college also maintained the affordable and available policy management in this regard also. Useful old devices are reused after repairing and damage parts are delivered to electronic shops with whom the college is dealing in. some useless damage parts are despatch through the vendor provided by the village panchayat with whom the college has signed MoU.

(iv) Hazardous chemicals: hazardous chemicals that are generated from the chemistry laboratory like HCL, H₂SO₄, HNO₃, used in labs are diluted before pouring into sink.

Some photographs relating to Waste management:



DUSTBINS



SOAK PIT



VERMI-COMPOST PLANT



Birinchi
Principal & Secretary
Barbhag College, Kalag

Date: 19.08.2022

Place: Kalag

(Dr. Birinchi Choudhury)