

### **7.1.3. Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words)**

There has been an effort to grow consciousness among the students and the staff for generating less waste. Our gardeners and sweepers are always at work to keep surroundings and premises clean.

#### **Solid Waste Management---**

Dustbins and trash cans have been placed at suitable corners for collecting solid wastes. Solid waste is collected by the Kolkata Municipal Corporation and disposed off properly at KMC dumping yard.

Wastes like plastic, papers, newspapers, metals, glass are systematically collected, segregated and sold to respective vendors for recycling. The college has a functional MOU with a vendor **Vital Waste** in this regard. Efforts have been made to restrict use of plastic on campus.

Limited Use of papers is emphasised by the digitization of office procedures through electronic means e.g., via WhatsApp group, email and Google classroom; thus, reducing paper-based waste.

#### **Liquid waste management:**

Liquid waste released from toilets and canteen is collected in waste chamber through proper drainage system. All liquid wastes are passed through a well- maintained drainage system, that is connected to the main drain of KMC. The drainage lines are checked and cleaned at regular intervals, to resist blocking and to maintain a healthy ambience in and around the college.

#### **Bio-medical waste Management—**

At regular intervals, the liquid and chemical wastes of the college, that are toxic in nature are collected separately in a container and disposed in a near sewerage canal.

#### **E waste management---**

Regular maintenance and repairing of minor defects of electronic gadgets are done. Computers, laptops, projectors, electronic equipments are maintained and serviced regularly by appointed agencies.

E waste materials like non-functioning desktops, UPS, motherboards, hard drives, calculators, cartridge, photocopying machines, non-functional old electronic instruments, old fans and lights are stored in a separate place till they are disposed off through e-waste

management system. The institute has MOU with **Vital Waste** for recycling of the E-Waste as per guidelines of the Pollution Control Board.

### **Hazardous Chemicals and Radioactive Waste**

The campus is completely free from any kind of radioactive waste, as no radioactive materials are used anywhere on the campus. The current CBCS curriculum lays stress on green chemistry and fortunately, common forms of chemical wastes like heavy metals, corrosive liquids, and organic solvents are no longer in use in the laboratories.

### **Photographs of the Facility**

#### **Lifting of solid and e-waste by Vital Waste**

**Waste Being Collected from Vidyasagar College for Women**





**Waste Being Collected from Vidyasagar College for Women-17/01/2023**