**7.1.3:** **Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)**

* **Solid waste management**
* **Liquid waste management**
* **Biomedical waste management**
* **E-waste management**
* **Waste recycling system**
* **Hazardous chemicals and radioactive waste management**

SIES Graduate School of Technology believes in “Let’s go green and keep our campus clean”. The NSS unit of SIESGST has played a prominent role in this by organizing various awareness programs, conducting tree plantations and various other activities. Apart from these activities, the importance of waste management and methods of waste disposal mechanism is taught to students through courses such as Environmental Studies, Solid waste Management etc. In SIES GST campus the following initiatives are taken towards the waste management of solid waste and E-waste. They are as follows:

**Solid Waste Management**

* To achieve a healthy and conducive environment on our campus, we stringently follow the waste segregation by employing Dry and Wet waste bins throughout the campus. Dry waste generated is sent for recycling and wet waste from waste bins and canteen leftovers are composted in our very own compost pit. The compost pit is maintained by the NSS volunteers. The compost obtained is filtered, processed and then distributed.
* There are 5 compost pits installed by SIESGST in association with Stri Mukti Sanghatna. The composting process is monitored by the Volunteers of NSS & Stri Mukti Sanghatana. Each compost pit takes at least 3 to 4 weeks to form manure. It is used for gardening in entire campus.

**Waste Recycling & Reuse System**

* The paper waste generated is either sent for recycling or is used by the creative team of our college during college fests. The NSS volunteers collected all the unused ruled sheets available on the campus to make notebooks and are distributed among underprivileged students and staff members. Corrugated boxes were upcycled to make creative dustbins that were placed in each classroom for collecting dry waste.
* Institute partenered with Bisleri for the campain Plastic is not bad, how you dispose plastic is bad.

**E-Waste Management**

* Electronic goods are put to optimum use; the minor repairs are done by the Laboratory assistants but the major repairs are handled by the Technical Assistant and are reused. The equipment which cannot be refurbished is disassembled and segregated to send to recyclable units.
* The waste compact discs and other disposable non-hazardous items are used by students for decoration during college fests as creative means of showcasing the waste management practice.
* E-waste generated in the campus is collected through the maintenance team and is safely disposed of through vendors. The students also gain awareness about E-waste management and its effects through various seminars. In collaboration with MAIT, an NGO that deals with managing E-Waste, a seminar on the processing and management of E-waste was conducted at SIES GST. Various aspects of E-Waste like disposal, ill effects, recycling, limitations, etc. were discussed in this seminar.
* E-waste is collected in the college campus and its subsequently handed over to NMMC's e-waste management department for appropriate disposal.