



Global Group of Institutes

(Approved by AICTE, PCI and Affiliated to IKGPTU, Jalandhar)

SUPPORTING DOCUMENTS FOR 7.1.3

**THE FACILITIES IN THE INSTITUTION FOR THE MANAGEMENT OF
THE DEGRADABLE AND NON-DEGRADABLE WASTE**



Searching for the right method of managing degradable and non-degradable waste is a task that is growing ever more important; as nowadays problems of e-waste are difficult to manage. Moreover, the earth's supply of non-renewable resources is dwindling continuously. To incorporate environmental consciousness among people regarding impact of human activities on environment, numerous initiatives have been taken by the institutes such as:

- Solid Waste Management:** To make the campus litter-free, there is a ban on the littering and burning of solid waste in the campus. Routine checking is done to have strict compliance. Dustbin Stands are permanently installed at various places. This ensures that solid waste is segregated at the source. The Institutes have a tie up with local government approved solid waste management agency to lift the solid waste from the campus. Waste like paper, metals, glass, cardboard, newspaper and stationery are systematically collected, segregated and sold to authorized vendors for its recycling. Use of paper printed on one side is encouraged in office practices such as for sending fax, printing drafts before final document, memos and notes etc. Thus, an environmentally preferred alternative is exercised for reducing pollution.

Solid Waste Management





- **Liquid Waste Management:** Uniform distribution of water and best efficiency is adopted through sprinkler irrigation.

Sprinkler Irrigation



- Biomedical Waste Management:** Biomedical waste from Medical Centre is quite less. Dustbins in different colors are lying at prominent places so that the waste like plastic disposables, liquid waste and other things can be again segregated. It is then collected and kept in storage. Afterwards, it is transported and finally sent for the treatment of the disposal.

Biomedical Waste Segregation



Processing of Waste through Vermi-Composting



- E-Waste Management:** The institute has a policy to take utmost care regarding e-waste management. Electronic gadgets are repaired for minor defects by our lab technicians to ensure its optimum utilization. The electronic waste components such as computer system components, CPU and ICs are used in practical demonstration to our students. The institute has a tie up with government approved e-waste handling organisation for disposal of old LCD screens, Keyboards, Mouse, Processor, Motherboard and RAM etc

Utilization of E-Waste



- **Waste Recycling System:** The institute has constructed a Sewerage Treatment Plant for the treatment of all the waste water. The unit is approved by Punjab Pollution Control Board, Government of Punjab. The treated water is stored in underground pits from where it is pumped to various lawns and grounds. Dedicated pipes have been laid for the irrigation of treated water.

Sewerage Treatment Plant in the Campus



- **Hazardous Chemicals and Radioactive Waste Management:** For biomedical waste there is a classification of the waste in hazardous and non-hazardous or infectious and other hazardous chemical particles. For the personal protection it has been advised to use masks while handling the waste. Moreover precautionary measures such as: eye covers, apron, gloves and boots etc. are adopted as they help in fighting the transmission of infection.

Segregation of Waste Materials



(Yellow Dustbin is used for disposing anatomical waste

Red dustbin is used for disposing solid waste

Blue dustbin is used for disposing infected plastic)

Hence, Global Group of Institutes is very much committed to preserve environment in its entirety and disposal of waste system is maintained very nicely to keep the whole campus clean and green.