



## Waste Management Policy

### Objective:

The waste management policy of the University shall aim to reduce the generation of wastes in all possible ways.

The University's Waste Management practices are divided into three components:

- Solid Waste Management
- Liquid Waste Management
- e-Waste Management
- Bio-medical hazardous waste Management

### 1. Solid Waste Management:

The Solid Waste generated in the campus includes, paper, plastics, wrappers, glass, metals, or scrap etc. The non biodegradable wastes are given for recycling to outsourced agency, where the composite waste is segregated and disposed/ recycled according to the nature of waste. However, the bio-degradable Organic waste from canteens and residential area/hostels, etc, including leaf litter is allowed to decompose systematically over a period of time to mature as a manure for compost gardens/agriculture fields. Plan is in place to for installing Sanitary Napkin Vending machines and incinerators in the girl's hostel to facilitate disposal of sanitary napkins in an environmentally-friendly way.

### 2. Liquid Waste Management:

As an academic institution, liquid waste may be originate from laboratories in the form of chemical wastes, infectious waste from washing of Operation theatres, and disinfection of surgical instruments. Contribution in liquid waste is more than 80% from sewage, which originates from different academic and administrative blocks of the institution.

### 3. E-Waste Management:

Though at the moment e-waste is not an acute problem in the campus, however, a policy for e-management is in place and minor repairs are set right in University workshop/Technical assistants. For e-waste management Integral University has initiated the process of establishing an e-waste management system to ensure that e-waste is properly stored and given to agency for the disposal. In some instances, photocopying machines and other office peripherals are replaced under buy-back schemes. University has already signed an MOU with Hin Green e-waste Pvt. Ltd for handing the recycling of e-waste in the campus.



#### 4. Biomedical Waste Management

At Integral University, Biomedical waste especially originates in the surgical and anatomical labs, operation theatres where the operations and experiments are performed by the medical, pharmacy, bio-medical science departments etc. A MoU has been signed between Integral University and M/S Spectrum Waste Solutions Pvt Ltd, Lucknow, which is active in collection, transportation and safe disposal of bio-medical waste.

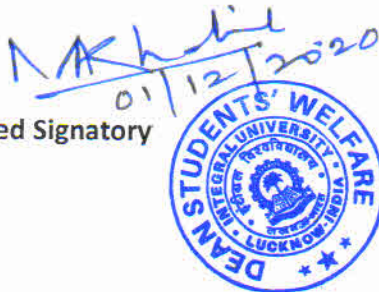
#### Implementation Process:

University has a Waste Management Committee in place and will further undertake following activities to minimize generation of wastes:

- Reducing the acquisition of new materials, and by re-using and recycling the existing materials and, if this is impractical, by disposal in such a way that will have least impact on the environment and which conforms to the statutory requirements. It shall attempt to minimize the quantities of polluting effluent and emissions to air, land and water.
- The University commits to a comprehensive recycling programme as the final step in solid waste reduction and as a means to transform waste into a resource. It shall segregate, recycle, and reuse its solid wastes and shall develop a waste-food composting and bio-mass resource recovery programme.
- The e-waste includes out of order equipment's or obsolete items like lab instruments, circuits, desktops, laptops and accessories, printer, charging and network cables, Wi-fi devices, cartridges, sound systems, display units, UPS, Biometric Machine, scientific instruments etc.
- All these wastes are put to optimal use. All such equipment's which cannot be reused or recycled is being disposed off through authorized vendors. The idea is demanding the producers to take back e-waste through the same channel they used for placing a product in customers hands.
- Thus, a concept of product stewardship shall be practiced as a providing and compelling strategy for e-waste management.

Under the product stewardship policy, the ultimate responsibility for a product's end-of life disposal lies with the contrary that make or sell products. These companies are the ones charged with creative successful collection and recycling program that minimize environmental impact.

Authorized Signatory



Date: